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62.23

32ND YEAR

SEEDS PLANTS

TYPES OF VAUGHAN'S INTERNATIONAL PANSIES.

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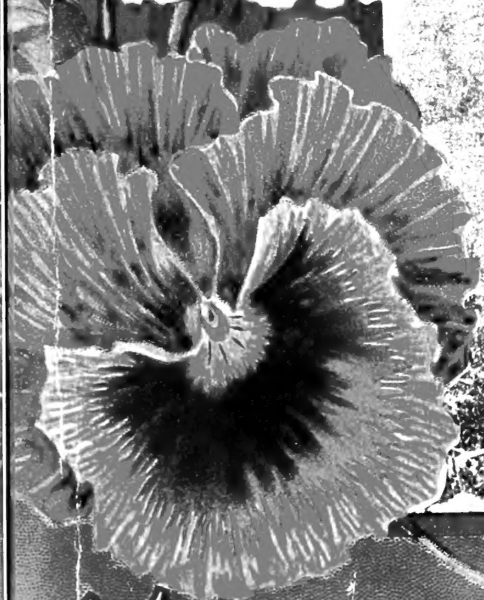
1899

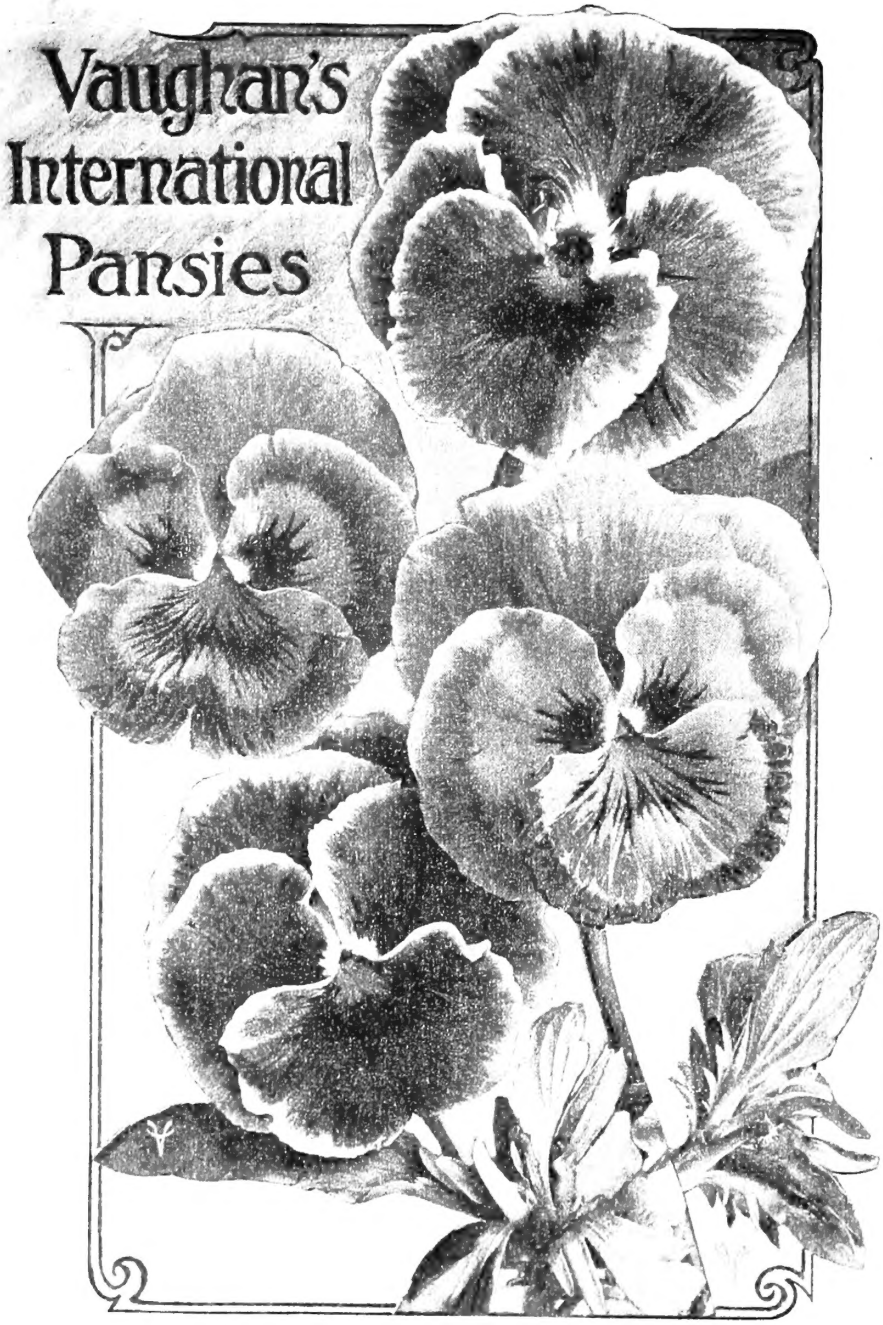


VAUGHAN'S SEED STORE

84 and 86 Randolph St., CHICAGO.

[OVER]

THE WORLD'S BEST.	Vaughan's INTERNATIONAL Pansies	EVERY SHADE AND COLOR.



UNEQUALED RECORD.

We were awarded the following Medals for **Vaughan's International Pansies** in bloom. Worlds Fair, Chicago, 1893. Trans-Miss., Omaha, 1898. Pan-American, Buffalo, 1901.

2480—**Vaughan's International** is, and always has been, literally a "World's Best" Mixture. While searching for the best in every land, we are not satisfied to accept any mixture simply because of varied colorings, but the flowers must come near a high standard of form which we have set, must be composed of well-rounded, perfect-shaped flowers, must show a wide range of colorings and markings, must have thick, velvety petals with fluted or semi-double edges and must stand erect on good stiff stems with healthy, strong growth of plant. While every solid color is represented there is also all possible variations of each one of these. The Whites are blended by stripes, veinings and shadings. The same is true of the Yellows, Purples, Browns, Reds and other distinct shades, besides many shades of Pink, Mahogany, Fire-Colored, Bronze-Gold, etc.

Vaughan's International is, we firmly believe, **the best Pansy mixture in existence,** because it is composed of the cream of the collections of ten pansy specialists. It contains besides the fancy selections of these growers, seeds of hundreds of separately named colors and types, all carefully blended by ourselves, so **we know just what it must produce.**

This is one of the specialties that has established the reputation of Vaughan's Seeds, and our customers can readily see why it is our most earnest endeavor to make **Vaughan's International Pansy Mixture better than ever. Price, pkt.** (250 seeds), **25c.; 3 pkts,** (750 seeds), **65c.; 5 pkts.** (1250 seeds), **$1.00; per ⅛-oz., $1.75.**

HOW to Grow Pansies is the name of a leaflet which we send free (when requested) with every order. It has been prepared by those who are in the "know how" and will increase the chances for the fullest success of everyone who follows it carefully. We supply pansy seed of high germination 12 months in the year.

Boulogne Giants. 2382. This is a special selection of a French Pansy grower; the flowers are of the largest size, great substance, fine form and are borne on particularly strong stems. They are mostly 3 and 5 blotched, delicately veined, while the colors are rich and varied. Like all high-bred Pansies they are shy seed bearers. Pkt. (150 seeds), 50c.

Vaughan's "Elite" Pansies. 2485. This is not a complete mixture like our International; it does not contain any pure white, yellow or any self colors. It is comprised of the cream of the choicest and most expensive mixtures from four Pansy specialists besides all the new and novel kinds listed on our Pansy pages. Pkt. (350 seeds). 50c.

VAUGHAN'S SPECIAL MIXTURES.

Because the regular flower seed mixtures as imported from the best sources are often improperly balanced in composition of colors and lack in the newer, rarer kinds, therefore we have found it best for our trade to prepare **"Vaughan's Special Mixtures"** exclusively. We make these up in separate colors from special strains and from the newest, rarest and most exclusive novelties. They are put up separately from carefully calculated formulae, and results are bound to be most satisfactory to the buyer. Remember that seeds can be sown most successfully at only one time in the whole year and the best to be had with the highest germination is none too good for any planter. We advise our customers to use **"Vaughan's Special Mixtures"** whenever offered in this catalogue.

Please read "How to Order" (in front of catalog,) before ordering, and save all misunderstanding.

ORDER SHEET TO VAUGHAN'S SEED STORE.

14 Barclay Street, NEW YORK. 84 & 86 Randolph Street, CHICAGO, ILL.

More order blanks will be sent upon request. Always write letters on a separate sheet from your order.

NOTICE.—We do not warrant in any way, express, or implied, the contents, or the description, quality, productiveness, or any other matter of any seeds, bulbs or plants, sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on the above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to the above conditions we make this sale, at the moderate prices at which we sell our goods. Vaughan's Seed Store.

VERY IMPORTANT.—Write your name very plainly, and give your Post Office, County and State in full every time.

Your Name.....
Write in Ink Very Plain.

Post Office.....

County..... **State**.....

Street, P. O. Box or Rural Delivery.....

Express Office {If different from P. O.}.....

Gardener's Name.....

Date.....*1908*

AMOUNT ENCLOSED.

LOOSE MONEY IS NOT SAFE.
State how much money you enclose.
Make money orders or checks payable to Vaughan's Seed Store.

Money Order - $.....

Draft or Check - $.....

Postage Stamps $.....

Cash - - - $.....

Please forward goods by {Mail, Freight or Express.}.....

Our Order No.

Please do not write here.

OUR PRICES INCLUDE POSTAGE on Packets, Ounces, Quarter-Pounds and Pounds of VEGETABLE and FLOWER SEEDS; also on PLANTS and BULBS, EXCEPT WHERE NOTED.

OUR PRICES DO NOT INCLUDE POSTAGE on Pints, Quarts and larger amounts of Beans, Peas, Sweet and Field Corn, nor on amounts larger than one pound, except where it is marked otherwise.

PLEASE CARRY OUT THE PRICE OF EACH ITEM.

Bush.	Qts.	Pints.	Lbs.	Ozs.	Pkts.	NAMES OF ARTICLES WANTED. (Use Special Order Sheet for Plants.)	PRICE.	

"BY FREIGHT OR EXPRESS" always means that transportation charges are to be paid by the purchaser.

[OVER]

☞ We will consider it a special favor if you write below the names of some of your friends who are likely to use seeds or plants. ☜

NAMES.	POST-OFFICE.	COUNTY.	STATE.

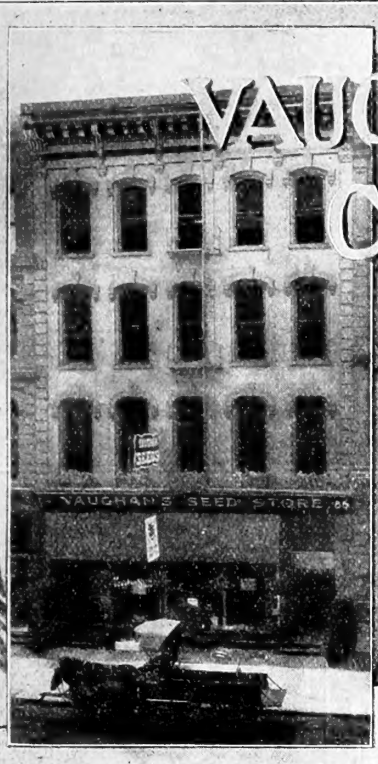
Bush.	Qts.	Pints.	Lbs.	Ozs.	Pkts.	NAMES OF ARTICLES WANTED. (Use Special Order Sheet for Plants.)	PRICE.	

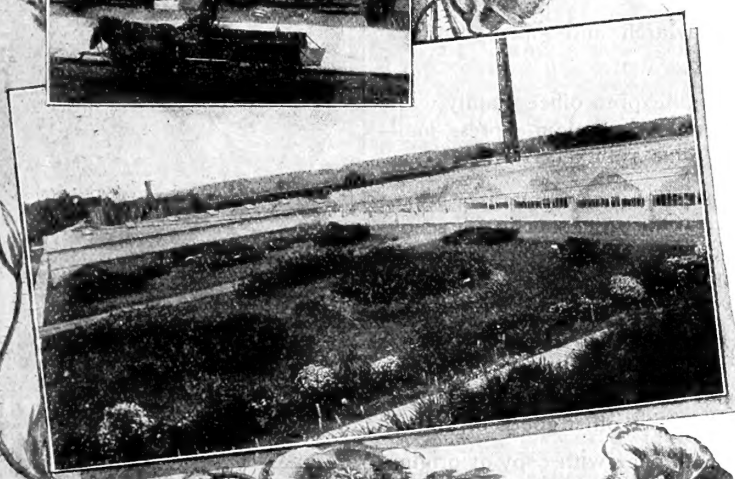
Filled by ..... *Checked by* ..... *Packed by* .....

Shipped via ..... *Style of pkge* .....

Date ..... *Book* .....

VAUGHAN'S SEED STORES
Chicago · New York





These great commercial centers, Chicago and New York, give us by mail, express and freight, quick service, low rates, direct shipments and right prices.

Stress of financial burdens has not lessened the ever growing interest in Country Life and Suburban Gardens. While operations have been reduced on some large estates, few or none have been given up, while a multitude of home builders of moderate means are beginning with each return of Spring. There is health, economy and pleasure in the home garden, and its popularity assured by annually increasing ratio.

No greater proof of this general interest in gardening could be found than the attendance and interest shown at the First National Flower Show at Chicago, November, 1908. Over 30,000 people attended. A most notable feature was the "Before and After" back yards,—a practical object lesson, showing the possibilities of a city beautiful through the use of Vaughan's Flowers and Plants.

With great pleasure we invite a careful reading of our Thirty-Second annual; in it will be found many new and even more valuable selections in all departments than we have ever before offered in a single year. We give true descriptive details regarding vegetables and flowers, that is, size, color, time of ripening, and like particulars,—leaving the customer in no uncertainty as to their suitability to his purposes, climate, locality or market.

For over 30 years Vaughan's Seeds have kept pace with every betterment in vegetables and flowers. They are secured from ideal growing places. Every bag of seed has its pedigree; our record books have its exact name, its true type, where it grew, how it grew, how many seeds in every hundred will sprout and if they will sprout strongly. The seed is a thing of life, its value is its life history.

Above we illustrate views of our Stores and Greenhouses

Chicago Store 84-86 Randolph St.
Greenhouses & Nurseries Western Springs, Ill.
New York City Store 14 Barclay St.

Vaughan's Seed Store aims to make its yearly book, "Gardening Illustrated," a mirror of American horticulture,—an index of all that the city lot, the larger suburban garden or the country home may require for beauty or for use. We invite the use of Vaughan's Seeds on their proven record. When such pedigree seed is supplied by us at five or ten cents a packet, it would seem folly to seek cheap and doubtful seed at any price.

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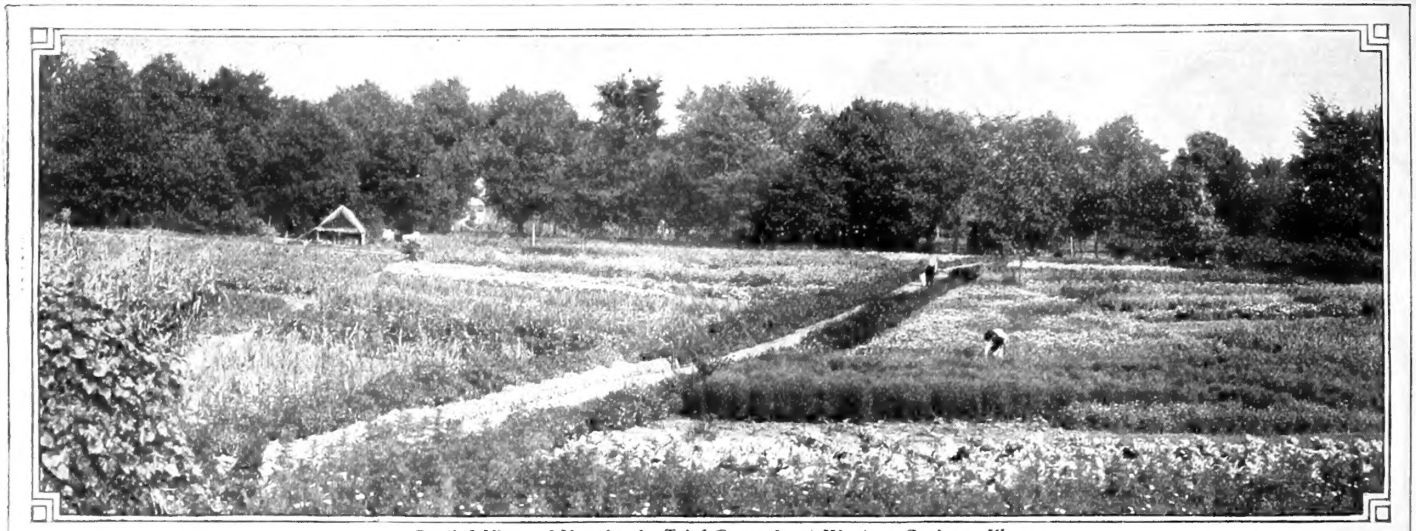


Partial View of Vaughan's Trial Grounds at Western Springs, Ill.

Suggestions To Our Customers In Ordering From This Catalogue

A reading of the following will prove an aid to you and to us.

Early Orders: Our rush season comes in the months of March and April. Orders sent at once secure prompt shipment from our full stocks.

How To Order: **Write your name,** postoffice, state and express office plainly with black ink, on every order, and every time you write to us. Give plain express, mail or freight directions; where none are given, we route the same at buyers' risk.

Use Order Sheets: The use of our order sheets enclosed in this catalogue is a great help to us in facilitating filling and shipment of orders. One order sheet is for seeds and bulbs, the other for plants, shrubs and trees. Instructions for use are on the sheets. More will be sent on receipt of a postal asking for same.

Vegetable Seed Orders should plainly state quantity before the name of the variety.
Flower Seeds may be ordered by number, always giving quantity.
Plant orders should give **quantity, variety** and **size.**

Keep A Copy Of Your Order: Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with other goods or notice sent.

Mistakes: These will happen in spite of all care. Write us at once with copy of original order if possible, and mistakes will be promptly rectified. Please do not return goods until you hear from us.

Orders Are Promptly Filled: Or in case of delay, notified by postal card. If you do not hear from an order sent us, within a reasonable time, send us a duplicate order covering date of order, amount of same and form of remittance, your name and full address. If you cover these points in your first letter, a long delay is often saved in tracing.

Freight or Express: All express lines in the United States and Canada carry seeds and plants at the special reduced rate of 20 per cent less than general merchandise rates. On moderate sized orders we advise express shipment rather than freight.

Our Terms: Are strictly cash with order. We prefer not to send C. O. D. but if wanted by that method, customers should enclose ¼ of the amount in remittance with order.

How To Send Money: Send cash with order (as we do not open book accounts for small amounts, and can only send to the value of money received), by New York or Chicago Draft, Registered Letters, or Postoffice or Express MoneyOrder; both are cheap and absolutely safe. Small postage stamps are taken as cash, but we prefer large denominations, such as fives, tens or fifteens. Registered letters can be sent from any postoffice, and your receipt sent you by return mail, by which you know it has reached us. If local checks are used 25 cents must be added to cover the cost of collecting. Make money orders payable to "Vaughan's Seed Store."

Our Responsibility: It is so manifestly impossible for a seller of any perishable article to be responsible for what may happen to it after it leaves his hands, especially one like seeds, which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to the crop which may be raised from seeds which we sell.

At the same time, in case of any failure to secure proper results caused from some inherent fault in the seeds themselves, Vaughan's Seed Store accepts responsibility, not for crop, but to the extent of the amount of money paid for the seeds, if immediately advised. [Or seeds may be returned. See below.]

We wish it understood that all our seeds are sold under the following general non-warranty:

We do not warrant in any way, expressed or implied, the contents or the description, quality, productiveness or any other matter, of any seeds, bulbs, plants, shrubs or trees sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to above conditions, we make this sale at the moderate prices at which we sell our goods. *VAUGHAN'S SEED STORE, Incorporated.*

S. A. F. Medal for Gardens, Chicago, 1908.

Grand Prize for Cannas, St. Louis, 1904.

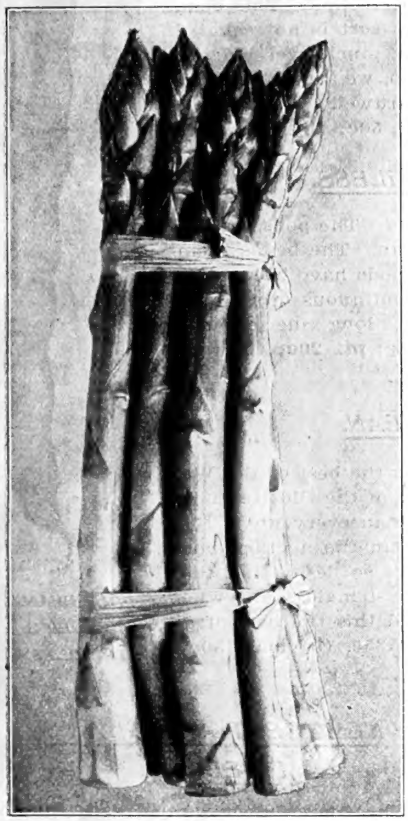
Gold Medal for Pansies, Buffalo, 1901.

Highest Award for Pansies, Chicago, 1893.

VAUGHAN'S NOVELTIES and SPECIALTIES in VEGETABLE SEEDS.

VAUGHAN'S Seed Store catalogues all varieties of vegetable and flower seed, both new and old, that after trials and visits to growing fields in this country and abroad, seem to merit a place in its lists. Productivity, freedom from disease, adaptability to soils and conditions, eating quality, in fact, practical usefulness, are the points that count in our selections. Old varieties which have been surpassed should be dropped, but are not, because customers insist on calling for old standards. "Go ahead" is a command the world over. There must be desirable new varieties and improvements on old ones, and it is our constant endeavor to "sift the wheat from the chaff" in the hundreds of novelties offered the seed-buying public. Below, we believe, are listed as complete an assortment of new vegetables of merit and improved strains of older sorts as can be found anywhere. The descriptions are fair, not exaggerated and misleading.

ASPARAGUS, BONVALLET'S GIANT.



BONVALLET'S GIANT ASPARAGUS (For Results.)

The most desirable Asparagus for both home and market use. Where planters grow this variety, it soon displaces all others. It wins out because of its large and rapid growth, its rust resistance, its length of yield, since its crown does not divide, its unsurpassed flavor and its good color. In growth it even surpasses French Argenteuil, of which it is a selection. Growers around Chicago have been known to cut their beds in two years, but three years will always grow a heavy crop. Its rust resistance is a strong quality, which was proven in 1898, when rust nearly wrecked the Asparagus industry in this country. In the originator's field, where all else was ruin, the mother plant of this variety stood strong and vigorous. In color the shoots are purple tinged, when grown in the usual way, but when planted deeper, white. The immense white stalks are of excellent flavor, both fresh and canned.

Two-year-old selected roots: Two-year-old roots planted this Spring will bear a moderate supply next Spring. Two hundred will supply a family of five or six persons. **Doz., 25c; 25 for 50c; per 100, $1.75; 250 for $3.25; per 1,000, $12.00.** If by mail, add 20c per 100 for postage.

Seed. A crop in three years. Transplant when one or two years old. **Pkt., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 45c; lb., $1.50.**

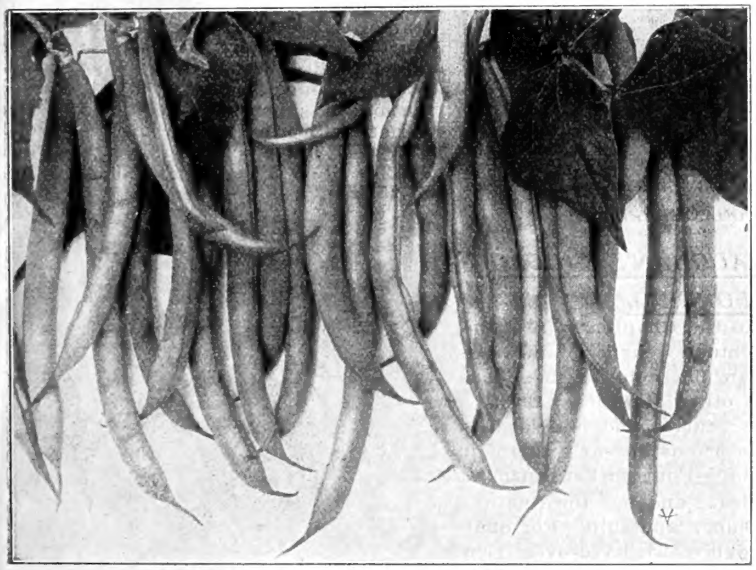
NEW BUSH LIMA FORDHOOK.

This new "Potato" bush lima is a great improvement upon the old Kumerle or Dreer Bush Lima. In its form of growth this new variety is stiffly erect, whereas the older kinds grew low and spread out, the pods often being discolored from lying on the ground. The season is early. The plant is extremely prolific, and the pod, twice as large as the Kumerle Bush Lima, contains four or five large beans, themselves much greater in size than those of the old variety. Finally, in quality this novelty produces green beans which are tender, juicy and sweet, in contrast to the dry and mealy character of the potato type. **Pkt., 10c; ½ pt., 20c; (by mail, 25c); pint, 35c; (by mail, 43c); qt., 60c; (by mail, 75c).**

NEW HODSON BUSH WAX BEAN.

This is a new, rather late season, wonderfully prolific Wax Bean. The growth is remarkably vigorous, almost entirely free from rust, and loaded with long, straight, handsome pods, which somewhat resemble the pods of the Davis Wax, but are plumper, straighter and longer, averaging 7 inches in length, of a clean, bright yellow color, all of which combined makes it the most attractive Wax Bean on the market. The beans are brittle, tender, of fine texture and excellent flavor, and if picked before too old, are stringless, with little fibre. The yield from the Hodson Wax Bean averages 20 to 30 per cent heavier than from other Wax varieties. An excellent bean for the private gardener and unsurpassed for the market gardener as a main crop sort. **Pkt., 10c; pt., 20c; (by mail, 28c); qt., 35c; (by mail, 50c); by express, ½ pk., 85c; pk., $1.60; bu., $6.00.**

HODSON WAX. (Very Prolific.)



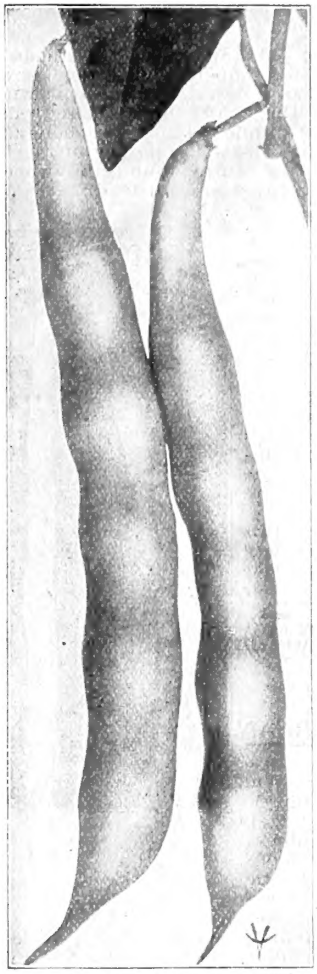
STRINGLESS GREEN POD. (The Best Green Pod Bean.)

STRINGLESS GREEN POD.

We have placed this old standard variety in our novelty and specialty pages this year, in order to call particular attention to our garden seed beans. We grow, or control under our direct supervision, certain particular and popular varieties of vegetables; these seed crops we know, and can positively affirm none better are produced. Seed so raised and proven by test we designate "Vaughan's Special." For the last few years we have grown and selected the best varieties of garden beans, until these Vaughan's Special Stocks are unsurpassed. Such work is not done in one season, scarcely in three.

We offer this year, the following beans in Vaughan's Special Stock, Stringless Green Pod, Longfellow, Davis Wax, Black Valentine, Hodson Wax and Wardwell's Wax.

Stringless Green Pod. Although this bean has been before the public nearly fifteen years, it is as yet unsurpassed for general usefulness. It is early, prolific and being without any string or fibre, has no superior for quality. The pods, of the round type, are of good length, and straight. The color is a deep rich green. The flesh is thick and meaty. For the kitchen garden, repeated plantings should be made every two weeks until September, thus furnishing a continued supply. Vaughan's Special Stock, **pkt., 10c; pint, 20c; (by mail, 28c); qt., 30c; (by mail, 45c); ½ pk., 75c; peck, $1.40; bu., $5.00.**



VAUGHAN'S NEW MONSTER STRINGLESS WAX BEAN.

The Bush Bean with a Pole Pod.

Vaughan's New Monster Stringless Wax Beans.

This is a fine, new stringless Wax Bean, which produces the largest pod of any Bush Bean, and has the additional value of being unsurpassed in quality. The pod is wide, fleshy and very thick, almost an inch wide, ½ inch thick and 5 to 8 inches in length. The color is a light, handsome yellow. The vine is hardy, productive and on the rich prairie soil of the West, grows to perfection. This bean, for the private garden, is unsurpassed, and as an exhibition sort is not equaled. Last year, our supply, which we thought ample, did not last much over half the season. On account of the drought and consequent short crop, we are again short. In season this Bean is within a couple of days as early as Wardwell's Wax and the pods are much larger. **Pkt., 15c; pt., 25c; (by mail, 33c); qt., 50c; (by mail, 65c).**

NEW POLE BEAN---BURGER'S STRINGLESS.

For Northern growers, this is the best Green Pod Pole Bean. The pods are long and absolutely stringless, with a flavor equal to the Bush Bean. The beans themselves are small and white, being good for baking after the pods have become too ripe. The vines bear for a long time, thus producing a continuous crop. This Bean has the advantage over other Pole Beans in not having a long vine so it may be grown on brush instead of on a pole. **Pkt., 10c; 2 for 15c; pt., 20c; (by mail, 28c); qt., 35c; (by mail, 50c).**

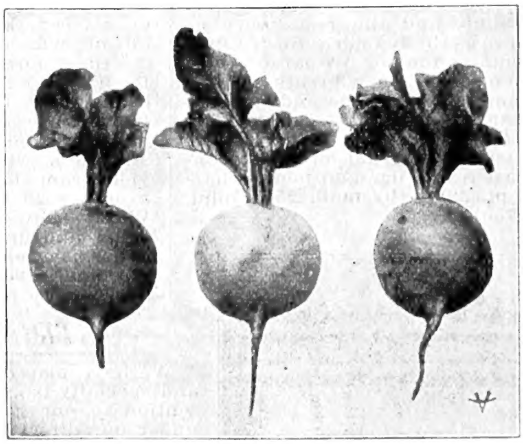
KENTUCKY WONDER WAX POLE BEAN.

The quality of this new, golden yellow podded Pole Bean is the best of the Wax Pole Beans. The habits of vine and pods are similar to those of the Old Kentucky Wonder Green Pod variety. However, the quality is superior in every way. It is a very prolific sort, begins to bear when scarcely higher than the average bush bean and keeps on producing until killed by frost. Pods are so fleshy that they are frequently greater in thickness than in width, are entirely stringless, and when cooked are of a delicious rich flavor. In our trials we liked this the best of all the wax pole beans. **Pkt., 10c; pt., 20c; (by mail, 28c); qt., 35c, (by mail, 50c); by exp., ½ pk., $1.10; pk., $2.00.**

POLE BEAN, BURGER'S STRINGLESS.

VAUGHAN'S CHICAGO MARKET BEET.

The most perfect dark blood-red kind, even the leaves of every beet are of the darkest glossy red, almost black color. It is turnip shaped, medium in size, has a somewhat small top and a fine small tap root. This is a main crop variety of great merit for the home garden. It is an excellent keeper, and does not become overgrown left in the garden, as quickly as do other kinds. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00.**



BEET—VAUGHAN'S FIREBALL.

NEW BEET---VAUGHAN'S FIREBALL.

This new Beet is perfectly globe shaped, extra early in season and earlier than Crosby's Egyptian. The skin is smooth, the flesh is solid with a very sweet flavor, and of a bright intense red color. The tap root is tiny and the leaf stalks are quite small, making it valuable for early and late sowing in frames. It is also very desirable in the open ground where it retains its fresh table quality better than most beets. In the home garden, it is absolutely without a superior. We believe this variety will prove one of the most popular beet introductions in years. **Pkt., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., $1.25.**

NEW RED CABBAGE--- VAUGHAN'S BLACK DIAMOND.

A grand second early, hard heading, black red Cabbage. The heads are medium in size, have only two outer leaves, and are of black red color to the center. It is an imported variety. In Europe where known, it is regarded as the finest early red cabbage. Combined with its earliness, is its hard heading quality which gives it fine keeping properties, so very valuable to both market gardener and amateur. Very sure heading. Its few outer leaves permit close planting—a very desirable feature where space is limited. **Pkt., 10c; oz., 30c; ¼ lb., $1.00; lb., $3.00.**

CARROT, VAUGHAN'S CHICAGO FORCING.

It is similar to the Chantenay in shape, but develops much earlier and has smoother roots which color a fine, dark red long before other varieties. It is a first class forcing carrot and is also good for home garden use as an early carrot in the open ground. For market purposes it is a little delicate and has too fine and short leaves to bunch and ship. For quality it is the very best we have ever tried, possessing no core (heart) whatever. **Pkt., 10c; oz., 20c; ¼ lb., 40c.**

CABBAGE—VAUGHAN'S BLACK DIAMOND.

CHICAGO GIANT SELF-BLANCHING CELERY.

CHICAGO GIANT SELF-BLANCHING CELERY.

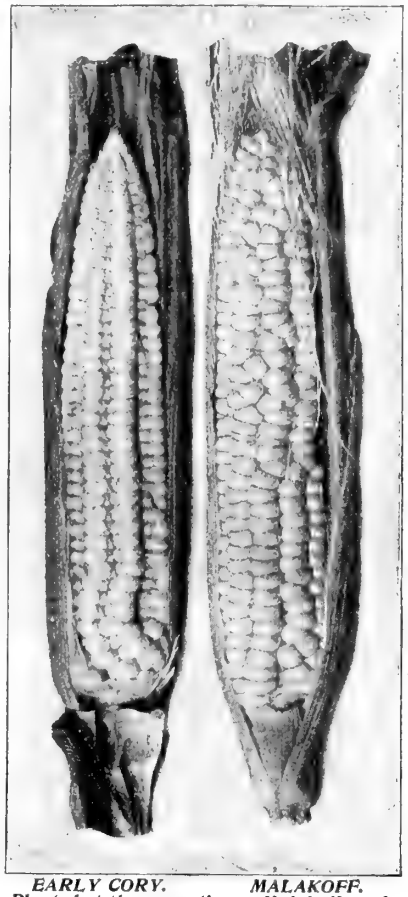
A fine new white celery, introduced three years ago by Vaughan's Seed Store. The points in its favor over older varieties are earliness, size and solidity; earlier and larger than White Plume or Snow White; as large as Golden Self-Blanching and of a much better quality than any other white. For early use, this celery may be sown as early as February without causing it to run to seed and with such sowing it can be marketed as early as July 1.

In side by side tests with White Plume, Silver Self-Blanching and Snow White, Chicago Giant has outclassed them all in earliness, flavor, size and solidity of heart; in height it stands usually six inches above White Plume. Its foliage is green and white and the stalks are tender, brittle, very sweet and of a nutty flavor.

Originated as a sport in a block of Giant Pascal. From the first it has run wonderfully true with almost no reversions. We are taking particular care of this variety, and are improving it each year. **Pkt., 15c; 2 for 25c; oz., 50c.**

SWEET CORN, MALAKOFF.

The success of this new Sweet Corn has been phenomenal. Each year since we first offered it, our supply has been less than the demand. It is the earliest real Sweet Corn in existence—compared to Early Cory, (see illustration), it is fully a week in advance. Planted May 22, ears are ready by July 4th. The color of the kernels varies from white to pale amber in matured ears. The stalks grow only 3 feet high, and usually bear two or more ears. The ears are small and yet very sweet. It has been necessary to sacrifice size for earliness. On account of its small stalks, this corn may be planted 2 feet apart, thus making up an average yield. This is a Russian variety secured through Prof. Hansen, and we grow it far North to retain its early habit. It is a good money maker for market gardeners who supply a local trade, as well as the best for early home use. Vaughan's Special—**Pkt., 10c; pt., 15c; (by mail, 20c); qt., 30c; (by mail, 40c); by express, 2 qts., 45c; 4 qts., 80c; pk., $1.50.**



EARLY CORY. MALAKOFF.
Planted at the same time. Malakoff ready one week earlier than Cory.

EARLY SWEET CORN, GOLDEN BANTAM.

A new variety of sweet corn which many people consider the richest and sweetest of all corns. Some of our customers are now planting this corn at regular intervals during the season, so that they may have it for table use continually, (prefer it to all other sorts.) It may be planted thickly and as late as July 17th. It is a medium early variety, with us about a week later than Cory, and yields very heavily. The corn itself is of a golden yellow color, which at first gives one an impression of field corn, however, as soon as tasted there is an immediate call for more. Our seed is raised from the originator's stock, and has been selected especially for table quality. Vaughan's Special. **Pkt., 10c; pt., 15c; (by mail, 20c); qt., 30c; (by mail, 40c); by express, 2 qts., 45c; 4 qts., 75c; peck, $1.40.**

GOLDEN BANTAM SWEET CORN.

NEW SWEET CORN, EARLY IOWA.

See back cover and inside back cover. The earliest market variety of sweet corn. Almost as early as Malakoff. Several days ahead of Cory, and with ears equal in size to the latter variety. **Pkt., 15c; pt., 25c; (by mail, 30c); qt., 40c.; (by mail, 50c); 2 qts., 75c; pk., $2.50.**

WITLOOF CHICORY, "FRENCH ENDIVE".

Three years ago this vegetable was hardly known in America. It is now on the bill of fare of all first class restaurants, although mostly imported as yet; it is an easily grown winter vegetable which can be raised in every home. All our customers who have tried it are very enthusiastic, as it furnishes a most delicious salad in winter when other fresh vegetables are not available. The roots are grown in the open outdoors. When they reach maturity in the fall, they are dug and planted in earth in a dark cool place in the cellar or under the greenhouse bench. Full directions for planting and care are with each package. **Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., $2.00.**

WITLOOF CHICORY.

GRAND RAPIDS FORCING CUCUMBER.

An especially selected cucumber for greenhouse and frame use. With those who grow for profit as well as with private parties, this variety has gained recognition and approval. The fruits are very long, straight and of a dark green color. It is the most prolific of the long English hothouse varieties. **Pkt., (65 seeds), $1.00; small pkt., (30 seeds), $.50.**

Vaughan's "Earliest of All" Cauliflower.

This is a very fancy Danish strain of very short leaved, extra early Erfurt. It is slightly smaller than the Snowball, and 10 days to 2 weeks earlier. On account of its size and short leaves, it is very desirable for forcing in frames for all seasons. This is absolutely the surest heading Cauliflower we have ever seen. For this reason, we believe, that for amateurs it is more desirable than Snowball. The quality is of the very best. **Pkt., 25c; 3 for 65c.**

VAUGHAN'S Vegetable Seed Novelties and Specialties for 1909

VAUGHAN'S IMPROVED ARLINGTON WHITE SPINE CUCUMBER.

The Arlington type of Cucumber is one of the most desirable of the White Spine variety. The cucumbers are of medium size, very tender and early. The color is a glossy green throughout their entire length, the shape very straight and symmetrical. Vaughan's Improved Arlington White Spine is a very carefully selected strain of the Arlington type and we think superior to any other being offered on the market. Since we first offered this selection we have been very careful to keep it true and ahead of anything offered by the different growers. As a home garden cucumber and for the Southern trucker, this is the ideal variety; a little too short for Northern market growers. **Pkt., 10c; oz., 20c; ¼ lb., 10c; lb., $1.25.**

VAUGHAN'S ARLINGTON WHITE SPINE. Nothing Better for Slicing.

DAVIS PERFECT CUCUMBER.

THE DAVIS PERFECT CUCUMBER.

The best northern market cucumber of the extra long white spine type. It is a new variety, and since its introduction three years ago, has jumped into such prominence that it may rightfully be regarded as the most popular variety of its type today. The Davis Perfect has been most carefully selected by a veteran outdoor and greenhouse grower of cucumbers,—for length, slimness and its dark green color. In spite of length and size, it is a most vigorous grower, and prolific yielder, besides resisting blight longer than most varieties. Equally valuable for indoor, frame and outdoor planting. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.75.**

Stock seed for greenhouse planting, saved by the originator, Mr. Eugene Davis of Grand Rapids. **Pkt., 20c (2 for 35c); ½ oz., 75c; oz., $1.25.**

VAUGHAN'S XXX PICKLING CUCUMBER.

A most desirable pickle cucumber which we selected after several years of search among many American and foreign varieties. Yield, shape, color, size and spine arrangement equal such qualities found among other sorts, with the added advantage that the fruits protrude from under the leaves, making picking, such a bugbear in raising pickles, comparatively easy. This cucumber is also crisp, solid and of good flavor when picked for slicing. **Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.**

MUSKMELON, MILWAUKEE MARKET.

Vaughan's Improved, (Utter Strain) also known as the "Pfister." There is no better quality melon for the home garden. Flesh, salmon, not stringy, unsurpassed sweetness. This is also a good indoor forcing variety. **Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., $3.00.**

MILWAUKEE MARKET.

VAUGHAN'S NEW CANTALOPE—"Hoodoo."

See inside back cover page.

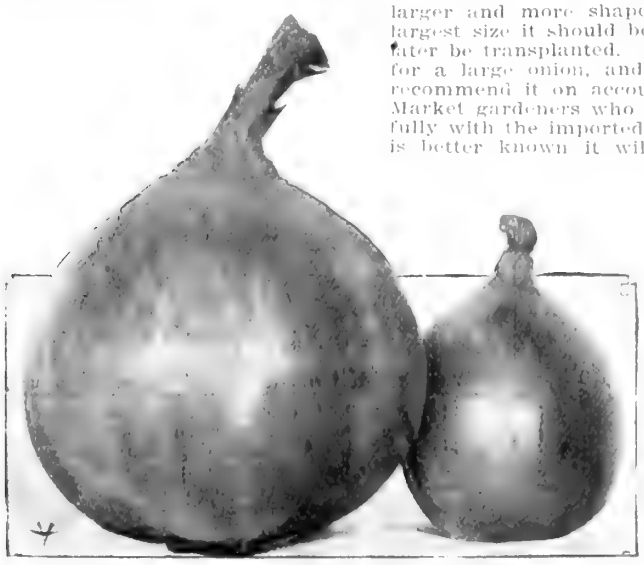
The best all purpose muskmelon yet offered. Flesh, salmon, of wonderful quality and a good shipper. **Pkt., 10c; oz., 25c; ¼ lb., 85c.**

AILSA CRAIG ONION.

Vaughan's Re-selected Seed.

One of the largest of onions. It is a very handsome, oval shaped variety with pale straw-colored skin; twelve bulbs have been known to weigh thirty pounds. In England it is the most popular large onion grown. For exhibition it is unexcelled always giving under the same conditions much larger and more shapely bulbs than the Prize-taker. To attain its largest size it should be sown early in the Spring in the hot-bed and later be transplanted. The Onion is very productive, is a good keeper for a large onion, and for those who like an onion raw we highly recommend it on account of its mild and acceptable pungent flavor. Market gardeners who grow this sort box them and compete successfully with the imported Spanish Onion. We believe when this variety is better known it will rank among the most popular sorts. Our seed is grown from English Prize-winning stock. **Pkt., 15c; 2 pkts., 25c; oz., 35c.**

> Benton Harbor, Mich.
> Your **Hoodoo Melon** (orange Fleshed Gem) this year did finely, caused much comment among our growers. I think there will be a good demand for seed from here this coming season. L. W. Ruth.



AILSA CRAIG and OHIO YELLOW GLOBE.
Showing the Relative Size of the Two Onions.

WHITE WELSH ONION.

For Green Onions.

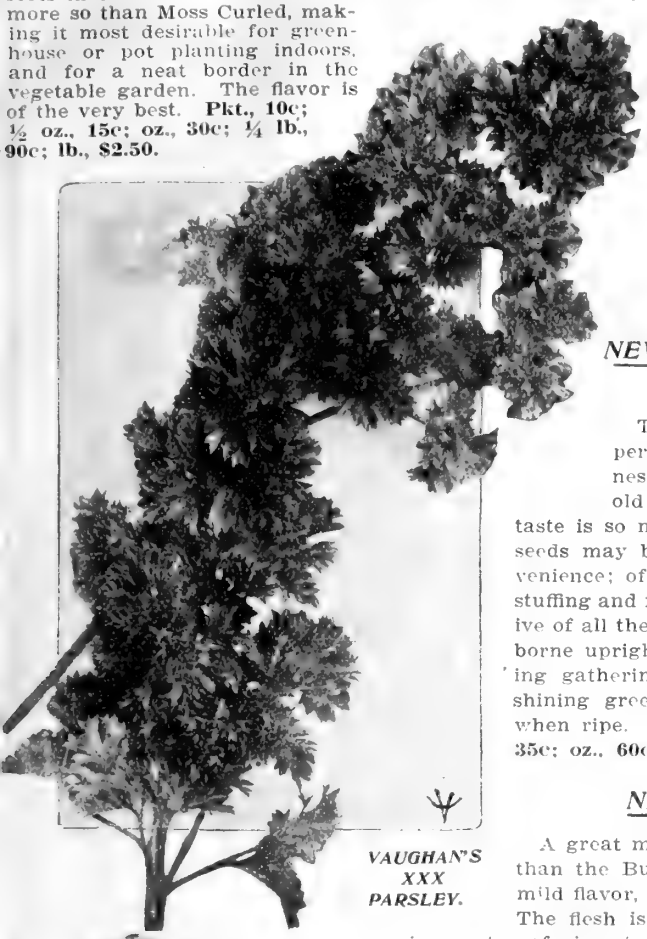
The seed of this onion may be drilled in as any onion seed making one-third the expense and trouble of planting top sets, and producing more green onions. The flavor is the sweetest of all onions. No bulb is formed (see illustration). The plant is perennial and may be left in the ground for years with but slight protection. Maximum results, however, are obtained by treating as an annual. Sow in the Spring or Fall. **Pkt., 10c; ½ oz., 15c; oz., 25c; 2 ozs., 40c; ¼ lb., 75c; lb., $2.50.**

WHITE WELSH.

VAUGHAN'S Vegetable Seed Novelties and Specialties for 1909

VAUGHAN'S NEW XXX PARSLEY.

We have yet to find the equal of this new Parsley. It is the handsomest, darkest green, finest curled and best flavored Parsley to date. Found by our representative in Europe a few years ago in the trial beds of one of the best growers there. Its wonderful dark green color and exquisite curliness were in remarkable contrast to the older sorts in the same field. The habit is dwarf, considerably more so than Moss Curled, making it most desirable for greenhouse or pot planting indoors, and for a neat border in the vegetable garden. The flavor is of the very best. **Pkt., 10c; ½ oz., 15c; oz., 30c; ¼ lb., 90c; lb., $2.50.**



VAUGHAN'S XXX PARSLEY.

PEPPER—VAUGHAN'S MAGNUM DULCE.

This is the largest American variety of Pepper. The fruits are of immense size, some growing seven inches in length, and four inches in diameter. The flesh is exceptionally mild, sweet, and pleasant, so mild that fried like egg plant, it makes a most delicious and piquant vegetable for the table. For the maximum yield, it is desirable to pinch off the King flowers (the first ones to open). These flowers usually make the largest peppers; however, the yield of medium sized fruit is increased by such practice. Our seed is grown each year by the originator, and is very carefully selected. **Pkt., 10c; 2 pkts., 15c; oz., 60c.**

VAUGHAN'S PEDIGREE ONION SEED.

See pages 40, 41 and 42. Vaughan's strains of the Globe varieties are the careful selection of the best growers in those localities where the particular colors and shapes are best known. Every bag is tested as to vitality.

MAGNUM DULCE PEPPER.

NEW UPRIGHT SWEET SALAD PEPPER.

This upright Sweet Salad Pepper is a cross between the Chinese Giant and mild Sweet Harold varieties. It is early, and in taste is so mild and sweet that even the seeds may be eaten raw without inconvenience; of medium size—just right for stuffing and frying, and the most productive of all the mild sorts. The peppers are borne upright instead of drooping, making gathering very easy. Color, a fine shining green, turning to a waxen red when ripe. **Pkt., 10c; 3 for 25c; ½ oz., 35c; oz., 60c.**

NEW NEAPOLITAN PEPPER.

A great market gardener's variety, two weeks earlier than the Bull Nose or Ruby King. It is of good size, mild flavor, and the plants are of strong stocky growth. The flesh is quite thick, and the fruit, which is borne in great profusion, turns a beautiful red color when ripe. **Pkt., 10c; 2 for 15c; ½ oz., 20c; oz., 35c; ¼ lb., $1.00; lb., $4.00.**

VAUGHAN'S INTERMEDIATE PARSNIP.

There has long been a demand for a parsnip which would not require the depth of soil necessary for the successful culture of the older varieties. This new Intermediate has been bred for this special purpose. Although of equal quality and flavor to the old sorts, the roots of this new kind are only one-half to two-thirds as long when grown under ordinary conditions. On heavy or clay soils it should prove a winner. **Pkt., 10c; oz., 20c; ¼ lb., 50c.**

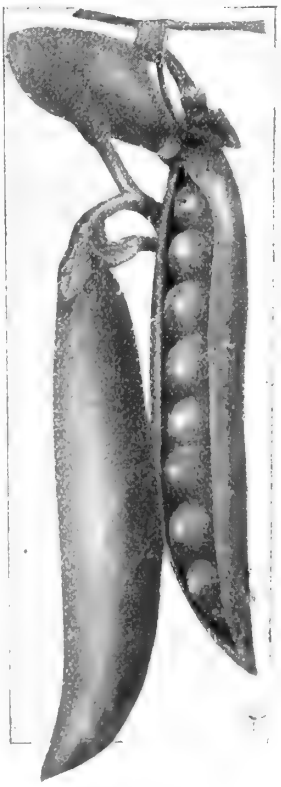
VAUGHAN'S INTERMEDIATE PARSNIP.

THE NEW DWARF "GRADUS" PEA, LAXTONIAN.

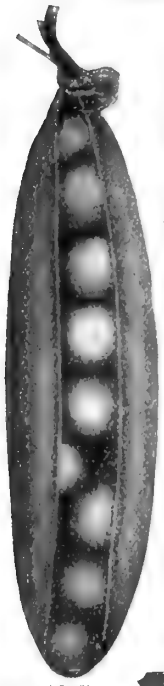
The largest podded early dwarf variety. A new variety which has created a remarkable sensation in this country and abroad. Laxtonian and Little Marvel are the greatest advances in dwarf peas since the introduction of Nott's Excelsior and must soon displace all other seeds in this class.

The Laxtonian Pea matures three days later than Nott's Excelsior, and produces pods as large as Telephone. Five to seven pods of dark green color, well filled with eight to nine large peas of a flavor equalling Gradus or Telephone, are borne on a single vine. These peas may be used without losing any of their delicious quality a week longer than other early sorts. We were the only American firm to offer Laxtonian last year—the year it was introduced in England—our representative having been able to purchase a supply when on the "other side." **Pkt., 15c; 2 pkts., for 25c; ½ pint, 35c (by mail, 39c); pint, 65c (by mail, 70c).**

VAUGHAN'S SPECIAL



LAXTONIAN PEA.



PERFECT GEM.

WITHAM WONDER PEA.

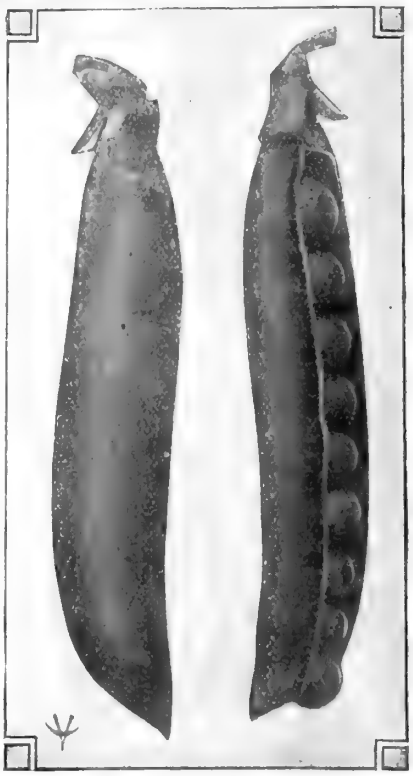
This is a second early, wonderful cropping dwarf sort. The pods are dark green and so match the foliage that although the vines are laden with pods, the yield looks light. An examination reveals eight, ten and twelve pods on a vine, each pod filled often to bursting. The peas are medium in size and very sweet, thin skinned and quickly cooked. Whoever plants this variety will surely be pleased with it. **Pkt., 10c; ½ pt., 15c (by mail, 19c); pt., 25c (by mail, 33c); qt., 45c (by mail, 60c); 4 qts., $1.50; pk., $2.65.**

VAUGHAN'S PERFECT GEM PEA.

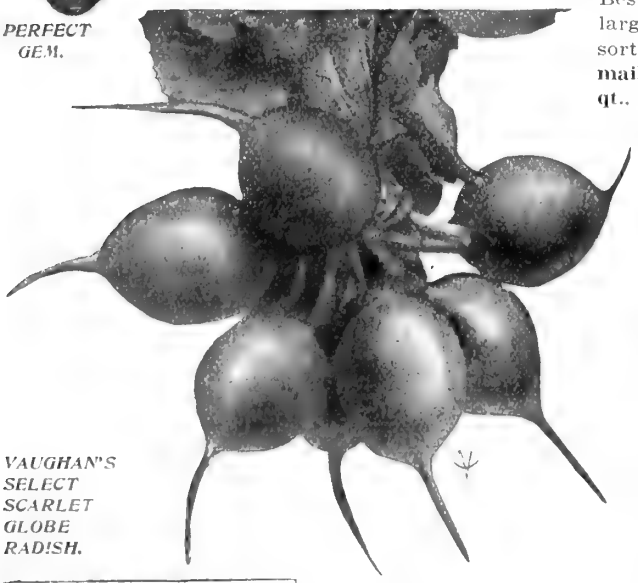
A new early dwarf Pea. Season a week later than American Wonder. The pods are very long (4 to 4¼ inches), broad, dark green and pointed. The vine is 18 inches high and is very prolific. The Peas are large and the equal of any in quality. Plant early at the same time as Nott's or Little Marvel for a succession. **Pkt., 10c; ½ pt., 15c (by mail, 19c); pt., 25c (by mail, 33c); qt., 45c (by mail, 60c); 4 qts., $1.50; pk., $2.65.**

VAUGHAN'S BEST EXHIBITION PEA.

A variety of almost the same season as Telephone; vine tall (should be brushed or trellised), and has pods the largest of any we have ever seen grown. These pods are of immense size, slightly curved, dark green in color, and contain eight to ten peas of very best flavor. For a show or exhibition variety, this sort is without equal. Also a desirable variety for home use. In our trials of some fifty kinds of tall peas, this last season, Vaughan's Best Exhibition Pea produced the largest and handsomest pod of any sort. **Pkt., 15c; ½ pt., 30c; by mail, 34c); pt., 55c (by mail, 63c); qt., $1.00 (by mail, $1.15).**



PEA, WITHAM WONDER.



VAUGHAN'S SELECT SCARLET GLOBE RADISH.

RADISH. Improved Early Scarlet Globe.

Vaughan's Selected Stock.

A most desirable sort for greenhouse, hot-bed forcing and for out-of-doors; very early, mild, crisp, juicy and tender; top small and stands heat without becoming pithy. One of the best selling and most attractive Radishes on account of its handsome rich bright scarlet color. Is ready in 25 days. Our stock of this is the very best, selected with great care as to size, shape, color and earliness, and market gardeners will find it a moneymaker; it is just right in every respect. We take great pains to have it so and our gardener customers who plant this seed always command the highest market prices. For family use this should be sown every ten days in order to always have a fresh supply. Not as desirable for hot Summer planting, as it loses its shape. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c; postpaid; by express, 5 lbs., $3.25; 10 lbs., $6.00.**

VAUGHAN'S SPECIAL

Two Standard Forcing Radishes are Vaughan's Cardinal Forcing and Improved Early Scarlet Globe.

RADISH, OLIVE CRYSTAL.

NEW RADISH. "Vaughan's Cardinal Forcing."

This is the handsomest Forcing Radish now on the market. Compared with Scarlet Globe, the radishes run more even in shape, are of a richer dark red color of slightly larger size, and are ready for market three days earlier. The flesh is firm, crisp, of the finest quality and seldom pithy. On account of its remarkable brittleness, this radish sometimes cracks, however this is not a serious defect. Its short leaves require little space. Excels the Scarlet Globe in popularity and market price. The best of all for early sowing in the home garden. **Pkt., 10c; oz., 20c; 2 ozs., 30c; ¼ lb., 40c; lb., $1.50.**

VAUGHAN'S SPECIAL

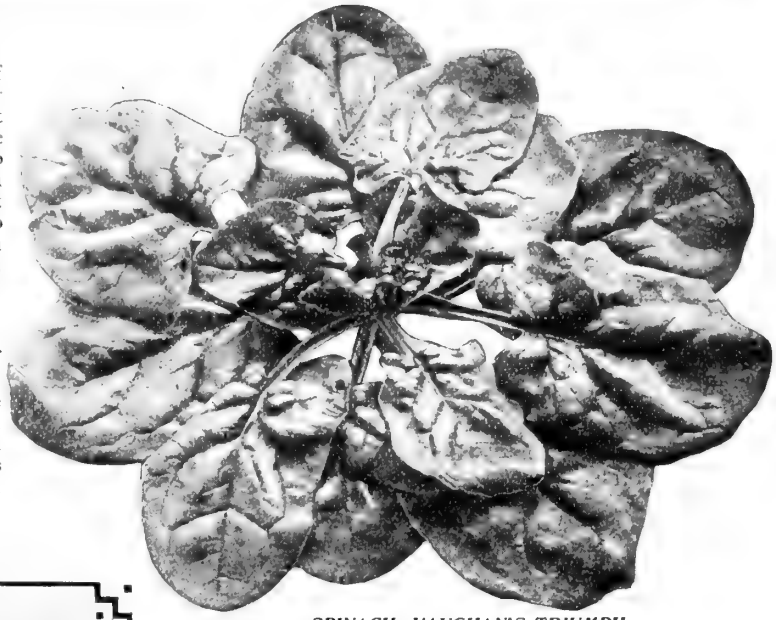
RADISH, Vaughan's Olive Crystal.

To our customers who like the popular Icicle Radish, we can recommend this new variety. It belongs in the class known to Germans as May Radishes, or early summer. This radish matures early, grows a very small top, and has a small tap root. The color is a clear crystal white; the flesh is as sweet as a nut, without any sharpness, yet still possesses the piquant flavor so necessary to a good radish. Olive in shape, size of small walnut. We recommend a trial of this new kind. **Pkt., 10c; oz., 15c; ¼ lb., 35c.**

VAUGHAN'S CARDINAL FORCING RADISH.

SPINACH—VAUGHAN'S TRIUMPH.

In this new Spinach we have a compact growing variety of the best quality that withstands hot weather longer than other kinds. Contrasted with the older sorts, the plants are somewhat smaller, and habit of growth is prostrate instead of upright. The leaves are thick and warted, and do not wilt or run to seed so quickly as do the standard varieties. By its use, the Spinach season may be lengthened a whole month. We anticipate great popularity for it, as it is not only long standing but is also superior in quality. This was found by our representative in Europe two years ago. Similar to "Long Season" variety. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.**

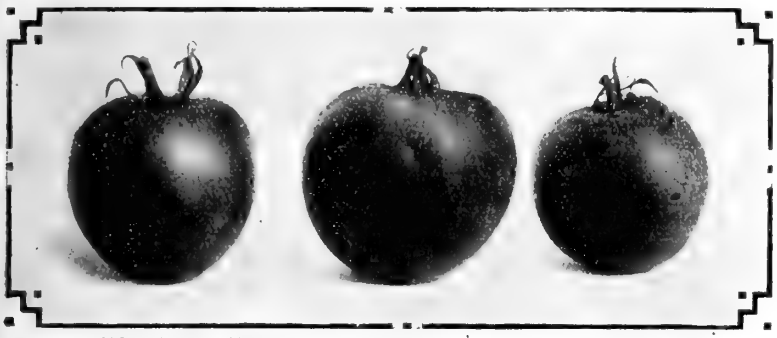


SPINACH—VAUGHAN'S TRIUMPH.

New Everbearing Strawberry, "La Perle".

FRUITS OF GOOD SIZE.

A French novelty introduced two years ago. The plants are of great vigor, and are practically everbearing from Spring until Fall. The fruit is of good size, much larger than the old Bush Alpine Strawberry, and many times as prolific. The flavor is excellent. We picked fruit from plants in our trial ground during a season of almost six months. Of doubtful value commercially; however, a great novelty in the home garden. **Pkt., (250 seeds) 20c; 3 pkts., 50c.**



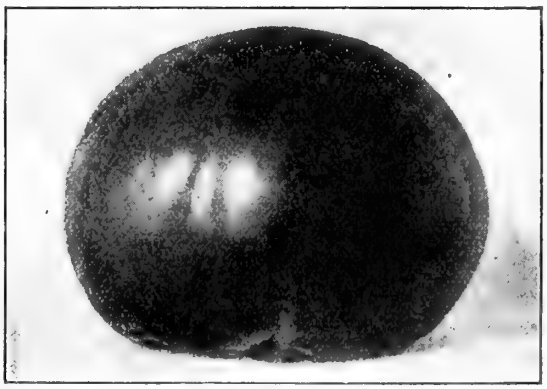
NEW GLOBE TOMATO—A desirable kind for the home garden.

NEW GLOBE TOMATO.

The New Globe is the forerunner of a new class of Tomatoes. Instead of being flat, the fruits are globe shaped, giving them a much handsomer appearance than those of flat varieties and also permitting more slices per fruit when preparing for table use. The Tomato has a most desirable fine glossy rose color, tinged with purple; the fruits are large, very smooth, have firm flesh and few seeds. It is an extremely productive variety and a remarkably good keeper. The quality is of the very best This variety is not entirely fixed and runs a few flat fruits It is by far the most important tomato introduction of recent years. **Pkt., 10c; ½ oz., 20c; oz., 30c; 2 oz., 55c; ¼ lb., $1.00; lb., $3.50.**

JUNE PINK TOMATO.

This new Tomato is similar in habit and shape to the famous Earliana and differs practically only in color, which is pink instead of red, the pink color being the more desirable one in most markets. It is the earliest of all pink tomatoes. A very good yielder of high quality and runs extremely smooth for an early sort. **Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., $1.10; lb., $4.00.**



JUNE PINK TOMATO.

TOMATO—HUMMER.

A very early red Tomato, round as a ball; runs uniformly smooth, and on account of its shape, makes little waste in slicing. A valuable variety for canners in northern latitudes. For the garden, does especially well grown on stakes or trellises. A good shipper, and sells well in those markets demanding a red tomato. **Pkt., 15c; 2 for 25c; ½ oz., 50c; oz., 90c; ¼ lb., $3.00; lb., $10.00.**

CORELESS.

TOMATO—CORELESS.

The most handsome and perfect shaped Tomato yet produced. It is almost round, the diameters both ways being almost equal. The season is quite late, so that in the north the plants must be set early. When bearing, Coreless is immensely productive, yielding large clusters of from four to seven fruits, which ripen evenly, leaving no green ones. For markets demanding a purple tomato this will not do, but for a home garden or for canners' use, it is exceptionally fine. **Pkt., 10c; 3 for 25c; ½ oz., 25c; oz., 40c.**

SPECIAL TRIAL OFFER.

Many market and private planters like to try the new varieties on a small scale to see how they are adapted to local conditions. For this purpose we make the following combination offer:

Bean—Hodson Wax, **Pkt., 10c.**
Beet—Vaughan's Fireball, **Pkt., 10c.**
Cabbage—Vaughan's Black Diamond (Red) **Pkt., 10c.**
Cucumber—Davis Perfect, **Pkt., 10c.**
Muskmelon—Milwaukee Market, **Pkt., 10c.**
Parsley—Vaughan's XXX, **Pkt., 10c.**
Pepper—New Upright Sweet Salad, **Pkt., 10c.**
Pea—Little Marvel, **Pkt., 10c.**
Radish—Cardinal Forcing, **Pkt., 10c.**
Tomato—Coreless, **Pkt., 10c.**

Any five of the above, **35c.** See descriptions on Novelty pages.

VAUGHAN'S Flower Seed Novelties and Specialties for 1909

THE following seven pages contain many of the best novelties of the year, as well as many choice but little known Annuals and Perennials, every one of merit, and worthy of a place in any garden.

ABUTILON HYBRIDUM GIANT-FLOWERED.

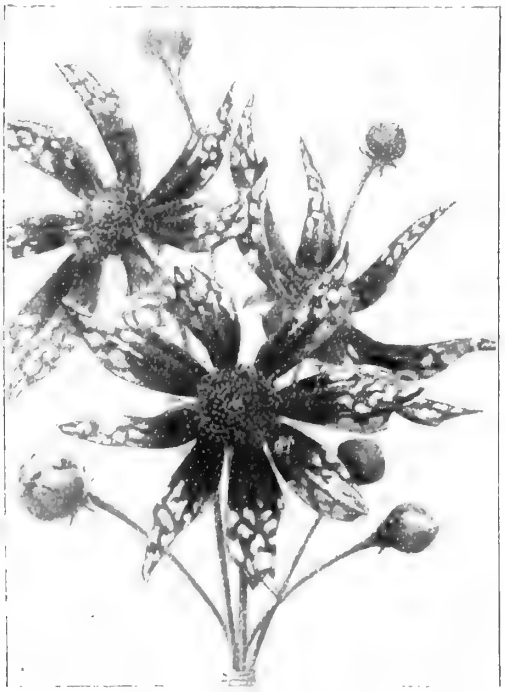
61. These new Abutilons are the result of careful intercrossing between the largest-flowering hybrids. The plants are of very vigorous growth, branch freely, held on upright stems and possess strikingly large and strong foliage. The flowering branches are thickly covered with buds and blooms. They attain a diameter of 3½ ins. and more. The variety of color is very great, ranging from pure white to delicate rose and from cream and sulphur yellow to golden orange; also many delicate tints. The seedlings commence blooming in 5 to 6 months. **Pkt., 30c.**

Agrostemma Coeli-rosa Fimbriata Alba. **139.** New variety of the "Rose of Heaven," an exceedingly pretty, free-flowering annual, with finely fringed pure white flowers of 1½ ins. in diameter. The plants are of compact growth, forming round bushes of about 12 ins. in height, covered with long-keeping flowers during the greatest part of the summer. of easy culture and well adapted for borders. **Pkt., 15c.**

Aquilegia Long-Spurred, Rose Queen. **322.** Freely branching and with the characteristic elegant Columbine foliage, the plants produce on long and slender stalks a great profusion of graceful long-spurred flowers of light to dark rose with white center and yellow anthers; a most delicate and beautiful combination of color; about 80% come true from seed. **Pkt., 15c.**

Aster Amellus Roseus. **655.** Exceedingly pretty perennial Aster, producing vigorous, upright flowerstems, about 2 ft. high, well garnished with numerous flowers, 1½ to 1¾ ins. across, of a pleasing light pink, a rare coloring amongst the Michaelmas Daisies. August to September. **Pkt., 20c.**

BEGONIA SALMON QUEEN.



CALLIOPSIS "TIGER FLOWER."

Cactus Aster, Rosy-Carmine. **480.** Early flowered, forming many branched pyramids, displaying 20 to 25 large, double flowers; florets 1¾ ins. long, twisted and recurved at the tips. **Pkt., 20c.**

Victoria Aster "Carmen" **501.** Magnificent new variety with faultless, very double flowers of a peculiar coloring, a dark salmony rose veiled or shaded with white. **Pkt., 15c.**

China Aster, Giant Single Large Fl. Rose. **651.** An exquisite new color, fresh and showy, coming quite true from seed. As decorative plants or for cut flowers are unexcelled. **Pkt., 10c.**

Astilbe Davidii. **657.** This is one of the most attractive and remarkable herbaceous plants. It is quite hardy, a native of China, and grows in shady places and by water courses. It is a strong-growing perennial, with elegant tufted leafage and graceful spikes of deep rose-violet or mauve-colored flowers, borne on long stems. Aug.-Sept. **Pkt., 25c.**

Begonia Rex "Rubens". **766.** Superb ornamental-leaved Rex-Begonias with red and pink centered foliage, obtained by artificial hybridizing. The seedlings are of very vigorous growth and reproduce themselves to about 50 per cent true from seed. **Pkt., 30c.**

Begonia Semperflorens "Salmon Queen." **741.** Striking and distinct new color of the B. semperflorens class. While the buds show a bright red, the flowers in full bloom, 1½ to 1¾ ins. in diameter, are of a brilliant salmony-red passing to salmony-rose. The plants attain a height of about 12 inches, foliage dark green with a reddish metallic hue, brown on the reverse side. **Pkt., 20c.**

Calliopsis radiata "Tigerflower." **847.** New dwarf compact variety, 6 to 8 inches in height, producing an abundance of bloom during the whole summer. Flowers large, reddish brown, at the points golden yellow. Orchid-like flowers, with twisted petals. **Pkt., 15c.**

Callirhoe Digitata (Poppy Mallow.) **861.** A hardy, free-flowering annual, remaining in bloom for a long time; flowers bright crimson. Height, 2 ft. **Pkt., 10c.**

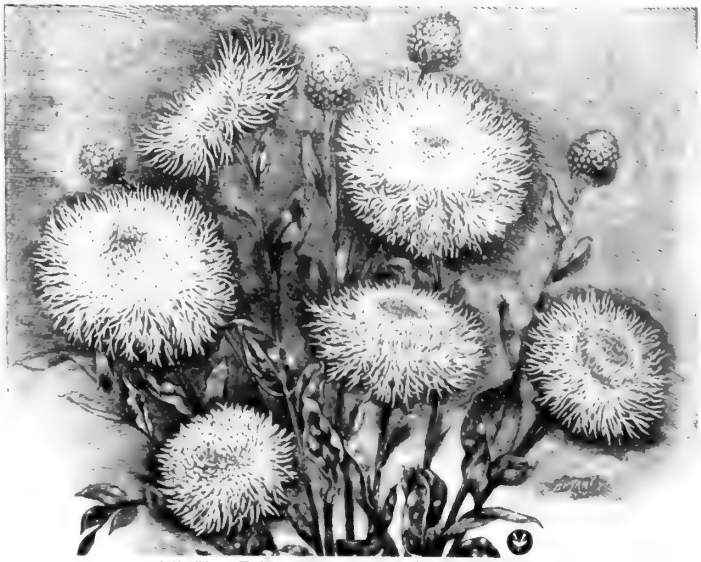
Campanula Longistyla. **871.** Handsome biennial Bellflower, a native of Transcaucasia, near the eastern end of the Black Sea, having proved to be quite hardy in our climate. The flowerstems, loosely branched from the base, attain a height of about 3 to 3½ ft. Flowers numerous, of a lovely violet-blue, drooping, 1½ ins. long, 1¼ ins. wide, lobes broad, slightly recurved. Style club-shaped, longer than the corolla. Very attractive species. Obtained an award of merit at the meeting of the Royal Horticultural Society of London on Aug. 6, 1907. **Pkt., 20c.**

GIANT WHITE CENTAUREA. *CENTAUREA AMERICANA ALBA.*

1046. This native annual flower is also known as the Star Thistle. It grows to a large size in one season, and the immense heads of double fluffy blooms are quite as showy in flower borders as peonies or hollyhocks. The color is almost pure white. The stems shoot up from one to three feet, sturdy and strong, branching near the ends and every branch bearing a bloom.

It is an excellent plant for cut flowers, the flower lasting several days when cut and the stalks being long and wiry. **Pkt., (35 seeds), 15c.**

1047. Centaurea Americana Mixed (pink and white) **Pkt., (100 seeds), 10c.**



RARE GIANT WHITE AMERICAN CENTAUREA.

Cineraria Maritima "Diamond." 1148. Pure white leaves, equal in color to Centaurea Candidissima; fine border plant. 8 in. **Pkt., 10c.**

COSMOS, Woodside Early Flowering.

Northern Grown Seed.

The Woodside Early Cosmos is the earliest flowering variety in cultivation, blooming fully two months in advance of the Giant strain. Seeds sown in open ground, in early May, will produce blooming plants in July, and continue a mass of bloom until killed by frosts.

1240. Woodside Early White. Pkt., 10c.
1241. Woodside Early Pink. Pkt., 10c.
1242. Woodside Early, Mixed. Pkt., 10c.

Cosmos, Lady Lenox. 1232. The flowers are of extraordinary size, up to 6 in. in diameter; color, shell pink. The plants are of vigorous growth, 6 to 7 ft **Pkt., 10c; ½ oz., 25c.**

Coxcomb, Fire King. 1021. Much more brilliant and effective than Pres. Thiers. Color a rich fiery orange-scarlet. 8 in. **Pkt., 10c.**

Dahlia, Exhibition Single. 1308. A very choice selection from large single flowers, many with broad edged petals in various colors. This is a particularly early flowering strain. Seed sown April 10th produce blooming plants July 5th, which continued to flower until Fall. **Pkt., 20c.**

LUTHER BURBANK'S DAHLIA SEED.

Even if sown as late as May 20 Dahlia seedlings will bloom the first year.

1302. This seed is of Luther Burbank's own saving, of which he writes us: "This seed will produce a greater proportion of large, clear, bright-colored, **perfect double** flowers than any ever before offered; 90% of good flowers can be expected." The colors are salmon, light and dark crimson, deepest purple to maroon and almost black, light straw, deepest yellow and a few white, mostly of the Cactus-type. **Pkt.** (25 seeds), **25c; 3 for 65c; 5 for $1.00.**

Newport, R. I.—I was offered $25 for my new seedling Dahlia which I raised from your (Burbank's) seed, but I refused it. JOHN BLUCK.

Drayton, N. D.—Please send me your Fall catalog as soon as issued. The more seeds, plants and bulbs that I get from your place the better I am pleased. The very best **red Dahlia** that I have seen this season, and I have a number of named sorts, is one from Burbank's seed that I obtained from you. W. MOSES.

New "Colossal," or Peony Dahlias. 1303. A new race of Dahlias producing single and semi-double flowers in various colors, of extraordinary size, measuring 8 in. in diameter. Imported by us from France. **Pkt., 25c.**

Dahlia Colossal.

New English Daisy, (Bellis) "Monstrosa." **Flowers are very durable.** This is the best strain of English Daisies in existence. The flowers are very double, resembling in shape a Zinnia, extraordinary size, many measuring 2 in. across. The flower stalks are very long, stiff and almost as thick as a pencil. **1328, White; 1329, Pink. Each, per pkt.** (100 seeds), **15c.**

New Shasta Daisy Selection. 1343. One of Mr. Burbank's latest selections of this beautiful flower. The flowers are frilled, fluted, laciniated, pale yellow, and some double. **Pkt., 25c.**

Delphinium (Larkspur) Burbank's Selection. 1886. Another of Luther Burbank's special selections of the best hardy Larkspurs, one of the most desirable, hardy perennials in existence. **Pkt., 25c.**

Delphinium. "Cream." 1880. An entirely new color, a soft delicate shade of yellowish white, coming quite true from seed. The flowers are of greater size than those of any other variety of D. elatum. A very desirable, hardy perennial. **Pkt., 20c.**

Delphinium Formosum Giganteum. 1877. A Giant form of this most beautiful blue, hardy Larkspur. The flowers are a rich velvety indigo and are 2 inches across. **Pkt. (40 seeds), 20c.**

Dianthus Heddewigii "Count Kerchove," Red Diadem Pink. 1418. Splendid variety of the Japan Pinks with deep blood red flowers, strikingly marked and veined with velvety black in the most charming fashion. Useful for cutting purposes. About 70 per cent of the seedlings will reproduce themselves true. **Pkt., 20c.**

Dianthus laciniatus fl. pl. "Malmaison." 1402. Annual Japan Pink, about 10 in. high, with double fringed flowers of a beautiful pink, similar to the color of the Rose Souvenir de la Malmaison. **Pkt., 15c.**

Dianthus laciniatus Mephisto. 1428. Charming strain of the annual Japanese Pink, 8 to 10 in. of compact growth and freeblooming character. The fringed flowers are flaked or striped with brown on light salmon to deep salmon-scarlet ground; petals present distinct light or white edges, forming a rich combination of new colorings and markings. 70 per cent of the seedlings will come true. **Pkt., 15c.**

Princess Pink.

Dianthus Vesuvius. 1429. Quite distinct from any of the red-flowering annual Pinks, being a most brilliant, intense orange-scarlet. **Pkt., 10c.**

Princess Pinks. (Dianthus laciniatus punctatus.) 1424. A very novel single annual Pink with medium-sized fringed flowers, which are mottled, flaked, spotted and striped in the greatest diversity of colors, scarcely any two flowers being alike. Remarkably free flowering. **Pkt., 10c.**

Dianthus Neglectus. 1439. A very rare and beautiful Alpine Pink with brilliant carmine flowers, produced from diminutive tufts of foliage an inch in height. Hardy Perennial. **Pkt.** (100 seeds), **15c.**

Everblooming Hybrid Sweet William.
(Dianthus latifolius atrococcineus fl. pl.)

1432. This beautiful Dianthus is a cross between the China Pink and Sweet William, combining the free and continuous blooming qualities of the former with the hardiness of the latter. Color is velvety crimson-scarlet. Blooms freely from seed the first year. **Pkt., 10c; ¼ oz., 25c.**

Escholtzia "Dainty Queen." (New California Poppy.) 1556. This charming Poppy is so delicate and striking that we are certain it will excite universal admiration. The color is a pale coral pink, slightly deeper towards the edges, with a ground-work of delicate cream, and is quite the same shade inside the flower as outside, so that the effect in color is the same when the flower is open as when closed, which is quite unusual. **Pkt., 10c; ½ oz., 25c.**

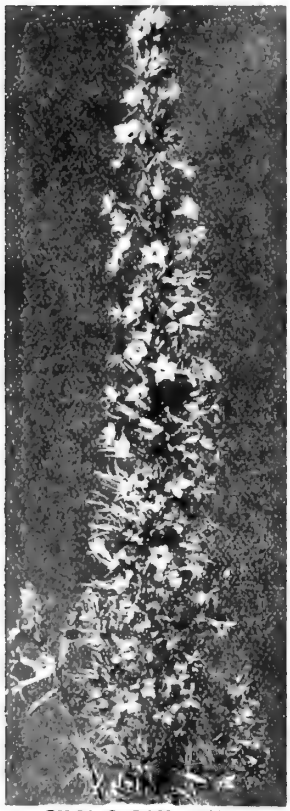
Gilia Coronopifolia. 1673. A handsome half-hardy Biennial, bearing large spikes of brilliant scarlet flowers, a color useful in the garden. During the first twelve months it grows slowly, forming prettily compact tufts. The second year a strong shoot is thrown up from the center, which attains a height of 2½ to 3½ ft. Flower spikes 1 to 1½ ft. Season commencing in July and continuing well into October. Award of Merit, Royal Horticultural Society, August, 1906. **Pkt., 15c.**

Dianthus Plumarius Perfection. (New Feather Pink.) 1445. A superb new race of these beautiful hardy perennials, the old-fashioned Clove or Feather Pink. The flowers are very large and double, pure white with crimson center and the same color margin around each petal. **Pkt.** (20 seeds), **25c.**

Dimorphotheca Aurantiaca. (The Golden Marguerite.) 1490. A rare and extremely showy annual from South Africa, soon to become a great favorite on account of its very easy culture and beautifully colored flowers. The plants grow 12 to 15 in. high and are very profuse in flowering. Its Marguerite-like blossoms, 2½ to 2¾ in. in diameter, show a unique **glossy rich orange gold,** which brilliant coloring is rendered the more conspicuous by the dark disc surrounded by a black zone. Well adapted for groups or borders, it produces its pretty flowers very early after being planted out in the open ground in sunny situations and will continue to flower during the summer months. A bed in full bloom is a magnificent sight on bright days. Award of merit at the Temple Show, London, last May. **Pkt., 25c; 3 for 65c.**

Chinese Kudzu Vine.
Jack-and-the-Bean-Stalk Vine.

VAUGHAN'S Flower Seed Novelties and Specialties for 1909



GILIA CORONOPIFOLIA.

Gladiolus Praecox. *The Annual Gladiolus.* **1671.** If the seed is sown by the beginning of March, either in the house or the hot-bed, the first seedlings will commence blooming in August, and from that time on new flowers will appear until late in the season. The spikes bear from 3 to 6 open flowers at one time. The flowers are broad and well rounded and measure 4 to 5 in. across. The variety of colors is very great and rich. The seedlings will bloom better if transplanted. **Pkt.** (200 seeds), **25c; 3 for 65c.**

Glaucium: L. Burbank's Hybrids. **1669.** This pretty Horn Poppy is not known enough; it is easily grown and produces its handsome flowers for many weeks. Our seed is direct from Mr. Burbank. **Pkt., 10c.**

Gloxinia Hybrida Grandiflora "Circe".

1672. New, very free flowering variety of the robust growing class. The large horizontal flowers, borne on stiff stems, measure from 3½ to 4 in. across and are slightly undulated at the edges. The color of the upper lobes is white, tinged azure blue, the lower central lobe shows a distinct reddish purple marking, which is strikingly bordered with bright violet-blue and minutely spotted red on the yellow throat. All five lobes are margined white. **Pkt., 25c.**

The Chinese Bottle Gourd. **1696.** Many of the visitors to California seed farms are very much interested in the gourds which the Chinese laborers use for carrying their tea to the field. Nearly every man carries his own bottle of tea tied to his back with a strip of bamboo, and he seems to think as much of his own gourd as if it were a silver pitcher. Some of them are ingeniously covered with wicker work, and all of them are provided with a wooden cork and a bowl made from the top of the gourd, attached with a stout cord to the neck of the bottle. **Pkt., 10c.**

The Famous Chinese Kudzu. *"Jack-and-the-Bean-Stalk Vine"* (*Pureraria Thunbergiana*) **1868.** A vine that will grow everywhere. Flourishes where nothing else will grow, and lasts for many years. The large bold leaves of the brightest green afford a dense shade. Its greatest feature is its wonderfully strong growth, which makes it invaluable for covering arbors, fences, porches, dead or old trees, etc. The Kudzu Vine is a native of China, where it is grown not only for the beauty of the plant, but also for the edible value of its roots. The vine is hardy, grows 50 ft., with dense foliage to the ground. **Pkt., 10c.**

Lavatera. Tall-growing, large and effective-looking plants, covered during the entire summer with bloom, best used as backgrounds to others of dwarfer habit. Hardy annuals allied to the Mallows. Seed can be sown in the open in May.
Pink Domino. **1906.** Very beautiful and showy. **Pkt., 10c.**
White Lady. **1907.** Large white flowers. **Pkt., 10c.**

Lobelia Hamburgia. **1947.** One of the prettiest Lobelias for hanging baskets, porch boxes, etc. **Pkt., 10c.**

New Variegated-Leaved Climbing Nasturtium, Queen Wilhelmina.

2230. The best of the tall (Lobbs) Nasturtiums, with variegated foliage. The leaves are marbled, streaked and relcaved with pure white (not a yellowish white like some sorts). The flowers are rich, brilliant scarlet, which form a most striking contrast with the white variegated leaves. Comes true from seed. **Pkt., 10c; 3 pkts. for 25c.**

New Dwarf Nasturtium "Scarlet Queen of Tom Thumb."

2270. The leaves are beautifully marbled and splashed white, like those of the Queen of Tom Thumbs, and the flowers are of the brightest rosy scarlet, much more pleasing, distinct and brilliant than those of the parent. **Pkt., 15c.**

Nigella, Miss Jekyll. **2301.** The plants of this new hardy annual, "Love-in-the-Mist," are vigorous (18 in. high), and give an abundance of long-stemmed flowers of the clearest corn-flower blue, contrasting most charmingly with the fine, fern-like foliage. **Large pkt., 10c; ½ oz., 25c; oz., 50c.**

Oenothera Speciosa Rosea.

2310. A superb hardy perennial, 1 ft. high, covered with sweet-scented flowers from June to October. **Pkt.** (100 seeds), **15c.**

Pansy "Eros" **2414.** Handsome and distinct flowers of a deep velvety brown, broadly edged with golden yellow. This yellow edge or margin is also clearly distinguished on the reverse of the petals. **Pkt., 15c.**

Pansy Raphael. **2411.** New variety of the large flowered Burnot Pansy. Flowers good in shape and substance, 1 to 2¼ in. in diameter, on a pure blue ground color. The three lower petals bear large deep violet blotches veined at the edges, the upper petals, mostly not blotched, are beautifully marked with dark, ray-like veinings. **Pkt., 25c.**

Petunia hybrida "Norma".

2581. Small flowered Petunia forming medium-high, compact bushes covered with numerous flowers, regularly star striped with white during the whole Summer. For decorating verandas or for bedding of great value. **Pkt., 15c.**

NEW LAVATERA.

Primula Obconica Gigantea Kermesina.

2893. Bright crimson flowers 1½ in. across and clusters 4 to 6 in. in diameter. **Pkt., 25c.**

Dwarf "Ivy-Leaved" Nasturtiums.

2268. Golden Butterfly. The plant is dwarf in habit of growth, having deep-green leaves of the distinct ivy-shaped form. These attractive bushes bloom very early and become quickly covered with bright golden-orange self-colored flowers. The flowers are beautifully fringed at edges of the petals and at the throat. At a little distance the plants present the appearance of numberless "Golden Butterflies" fluttering upon a bush of ivy—hence the name. **Pkt., 10c; oz., 20c.**

All Colors in Mixture. **2269.** This mixture contains a most remarkable range of colors. There are colors and color-combinations that are not found in any other strain of Nasturtiums. Every one who grows Nasturtiums should plant this. **Pkt., 10c; oz., 20c.**

NASTURTIUM QUEEN WILHELMINA.

POPPY "MARION."

2832. The one great drawback with annual Poppies, delightful as they are in their brilliant flowers, is the short duration of their flowers. This has been overcome with "Marion," which is apt to regain the favorite place the annual Poppy used to occupy in our gardens. The growth of this plant is much stronger and more vigorous in comparison to the old type. The foliage is of a rich green, stiff, of almost leathery consistency, while the flowers, of a soft heliotrope color, are marvelously fringed and frilled, rendering them most valuable for bouquets. Cut, they keep in water from 8 to 10 days. **Pkt., 10c; ½ oz., 50c.**

Poppy, New Oriental Hybrids. 2803. The seed we offer is from one of the largest and best collections of a European specialist and will produce wonderful flowers in size and colors. **Pkt., 20c.**

Poppy "Admiral." 2850. This single, paeony-flowered Poppy is of surprising beauty. It is characterized by large round smooth-edged flowers of glistening pure white, with a broad band of brilliant scarlet around the top, occupying a full quarter of the corolla. Planted in groups the new Admiral Poppy, which comes nearly true from seed, produces a magnificent effect. **Pkt., 10c.**

Primula Sieboldii, New Hybrids. 2907. This lovely hardy Primrose is not cultivated nearly as much as it deserves. It is hardy as the old-fashioned Cowslip, while its colors range from purest white through the various shades of rose and pink to the deepest crimson. The flowers are borne on long stems and are splendid for cutting. **Pkt. 25c.**

Primula Denticulata Grandiflora, New Hybrids. 2908. A very desirable hardy Primrose which thrives best in a moist position and in leaf mold. These new hybrids produce their dense, round flower heads in white, lilac to the darkest purple. **Pkt., 20c.**

Primula Cashmeriana "Ruby." 2910. The foliage of this hardy Primrose is large and leathery, edged and covered beneath with golden farina. The flowers are borne on long stalks and are a beautiful ruby-red. **Pkt., 15c.**

Primula veris magnifica "Triumph." 2905. Splendid varieties of Polyanthus with extremely large, white-bordered flowers. **Pkt., 25c.**

Salvia Splendens, "Fireball." (Flowering Sage.) 2972. Of the many sorts of Salvia now cultivated this splendid novelty undoubtedly is the finest of all. It has larger flowers and is also more free flowering than any other kind. The bushy plant, 20 in. high, is covered with long, broad flower spikes with a great number of flowers of the most fiery scarlet. The plants branch freely and are profuse bloomers, the side shoots often producing 4 to 6 flowering spikes so evenly divided over the foliage and of such erect habit as to hide the foliage. It is the earliest of all, flowering by the beginning of July and continuing until frost. It is easily raised from seed and comes true. This made a grand display in our trial grounds. **Pkt., 15c; 2 pkts., 25c; ⅛ oz., $1.00.**

VAUGHAN'S SPECIAL

Primula Kewensis. 2906. This charming addition to greenhouse Primroses originated at the Royal Gardens, Kew. The plant is a strong grower, with bright green leaves, numerous erect flower-scapes, 10 to 18 inches in height, producing flowers in whorls at intervals along their whole length. The flowers are fragrant, bright yellow in color, with a slender tube and spreading limb, nearly 1 inch in diameter. As a winter-flowering decorative plant it is an acquisition. The floriferousness in a very small state is quite remarkable; the spikes are useful for cutting, and the flowers continue to open for some time after being placed in water. Small plants in bloom may be effectively used in table decoration. **Pkt. (100 seeds), 35c.**

Awarded a First Class Certificate at the Royal Horticultural Society.

NEW STOCK, "PRINCE BISMARCK."

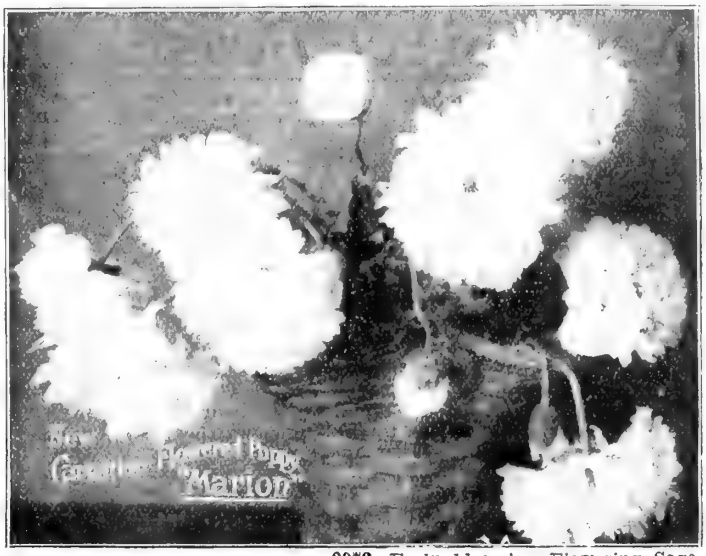
New Stock "Prince Bismarck." 3129. This new stock is of robust, pyramidal growth, attains a height of 30 in., produces many long flower spikes covered with large, pure white double flowers. The plants begin to bloom when other Ten Week Stocks have stopped blooming, continuing until late in the Fall. The percentage of double flowers is larger than that of any other Stocks. Our illustration is reproduced from a plant that was taken from a closely planted bed. If sufficient room is given the plants develop to enormous dimensions, forming magnificent bushes with long and large flower spikes. **Pkt., 15c; 2 for 25c.**

Tritoma, New Hybrids. 4220. Also called Red-Hot Poker Plant, Flame Flower or Torch Lily. Seedlings will commence to bloom the second year. These new hybrids are magnificent, and we recommend them highly. **Pkt., 25c.**

Verbena hybrida pumila "Meteor." 4287. New miniature Verbena, forming very dwarf bushes of 6 to 8 in. in height by 10 to 12 in. in breadth. Flowers of faultless form of an intense deep scarlet. On account of its great abundance of bloom and the very uniform growth it is of great value for carpet-bedding or for ribboning. **Pkt., 15c.**

Vaughan's Improved Scotch Viola or Tufted Pansies. 4313. The Scotch Violas or tufted Pansies are greatly appreciated. Colors range from pale lavender to deep rich purple, with many charming intermediate shades. In light rich soil and a moist situation they will continue to bloom from Spring till late in the Autumn. They are also useful for ribbon borders, where they make a fine display. This new strain produces flowers with "faces," every flower having a distinct face, which puts a remarkable amount of life in a bed of these. **Pkt., 25c.**

VAUGHAN'S SPECIAL



Salvia Splendens Zurich. 2973. Early blooming Flowering Sage. The plants are dwarf and compact and commence to produce their large brilliant flowers when 3 in. high and continue to bloom until killed by frost. **Pkt., 20c.**

Sinningia (Gloxinia) Regina "Dr. Masters." 3045. Superb hybrid with bright dark green, silvery white veined foliage, deep purplish red underneath and brilliant rosy carmine, white throated flowers. **Pkt., 25c.**

Statice Sinuata. 3072. A hardy annual, which has recently come into prominence again. It is raised in large quantities for the London cut-flower market. Of easiest culture, admirably adapted for poor soils or dry situations. The plants grow 18 to 24 in. high and the flowers are of a very pleasing sky-blue. **Pkt., 10c.**

Early Flowering Ten Week Stock.

"Princess Henry." 3114. The best early-flowering white stock, better than Snowflake, growing taller and producing a larger percentage of double flowers. **Pkt., 20c.**

Viscaria oculata candida. 4322. As white-flowered annuals are always welcome, we do not hesitate in confidently recommending this new variety of the well known hardy Viscarias. The plants develop their flowers incessantly during the whole season. Flowers of the purest white, 1½ to 1¾ in. in diameter, useful for cutting, lasting a long time in water. **Pkt., 15c.**

Zea Japonica Quadricolor Perfecta. 4346. This splendid variety differs from Zea Jap. Quadricolor by its dwarfer and bushier habit and also by the more intense coloring of the broad yellow, green, rose and dark red stripes on the leaves. The male flower spikes are black, the sheaths of the leaves and stems reddish brown and the seeds dark red. It will be found very valuable for borders or planted singly, and even for pots. **Large pkt., 10c.**

SALVIA, FIREBALL.

New Sweet Peas.

COUNTESS SPENCER TYPE

Agnes Eckford. **4001.** Lovely shade of pink, soft and bright, flowers of perfect form and giant size, usually borne three on a stem. Stems strong. **Pkt., 10c; oz., 20c; ¼ lb., 50c.**

Audry Crier. **4004.** Silver Medal and First-Class Certificate N. S. P. S. Award of Merit R. H. S., 1906. A lovely shade of salmon pink, very large, standard and wings perfectly formed, and most beautifully waved, with a majority of four flowers to a spike. **Pkt., 10c; ½ oz., 20c.**

Asta Ohn (Spencer.) **4006.** This selection is lavender, suffused or tinted with mauve. The best lavender in the Spencer selections. It is of the true Spencer type, large and wavy, and has large wavy wings also. It comes uniformly four blossoms to the stem and the stems are particularly long and sturdy. **Pkt. (25 seeds), 25c.**

Beatrice Spencer. **4011.** Fully as large as Countess Spencer, with wavy standard and large wings. Ground is white, tinted with soft pink and buff on the standard, while each wing has a blotch of brighter pink near the base. One of the most delicate and dainty varieties. **Pkt. (25 seeds), 25c.**

Blackbird. **4012.** The nearest approach to a black Sweet Pea, usually bearing three or four flowers to a stem. Absolutely fixed. **Pkt., 10c; oz., 20c; ¼ lb., 50c.**

Earl Cromer. **4016.** Well expanded flower, crimson lake in color, the back of the standard being overlaid with a pleasing red chocolate, the inside of the standard and wings being shaded with a soft lilac. Flowers produced on long strong stems. **Pkt., 10c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c.**

E. J. Castle. **4017.** A magnificent addition to the "Gladys Unwin" class. Color rich carmine rose with salmon shading in the standard. **Pkt., 10c; oz., 20c; ¼ lb., 50c.**

Enchantress. **4019.** (Paradise.) One of the largest Sweet Peas in cultivation, of the "Countess Spencer" type, standard upright and beautifully waved; wings also waved and harmonize with the other parts of the flower. Color, delicate pink, shading off to a bright rose picotee edge. **Pkt., 10c; oz., 15c; ¼ lb., 40.**

Frank Dolby. **1056.** Pale blue, after the style of Lady Grisel Hamilton but very much larger. Bold wavy standard, like Gladys Unwin. The largest and finest pale blue Sweet Pea. (Sports somewhat.) **Pkt., 10c; oz., 20c.**

Gladys Unwin. **1063.** The finest Pink Sweet Pea yet introduced, quite fixed and distinct. Flowers large and bold, not hooded, very long stemmed, 75 per cent of the stems with four blooms. Color a beautiful pale rosy pink; good as a market variety. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.**

Geo. Herbert. **1062.** Bright rosy carmine; large, open and wavy form of the Countess Spencer type. Deeper and brighter than John Ingman. **Pkt., 10c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; lb., $1.25.**

Helen Lewis. **1066.** The handsomest of the New Sweet Peas. Silver Medal and F. C. C., National Sweet Pea Society. Very large bright orange-salmon flowers, usually four on a stem. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.**

Henry Eckford. **1068.** A new shade. It is almost a true orange self, i. e. the color throughout the standard and wings is the same, and while there is a little cast of pink in the color, it is a very near approach to orange, and is a color we have never had in sweet peas before. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.**

Horace Wright. **1070.** A color that stands quite alone, being an entirely new deep violet blue self, flowers of the expanded type and of giant size, borne on long stout stems from 18 to 20 ins. **Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.**

Mrs. Alfred Watkins. **1093.** A superb pink of "Gladys Unwin" type, color a pale pink much like the old "Princess Beatrice." One of the best market varieties for cut bloom. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.**

Mrs. Charles Mander. **4097.** Both standard and wings are a rosy lavender, while the keel is a very light purple. **Pkt., 10c; oz., 20c.**

Mrs. Sankey Spencer. **4101.** Any one familiar with the old favorite, Mrs. Sankey, will at once recognize this as a "Black Seeded White" Spencer. It is fully as large as White Spencer and of equally perfect form. Being black seeded it is easy to germinate. **Pkt. (25 seeds), 25c.**

Nora Unwin. **4104.** A pure white, far out-distancing "Dorothy Eckford,' which was hitherto considered the finest white, being larger, purer, and finer form. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.**

Phenomenal. **4109.** White, tinged rosy-lavender, deepening towards the edges; standards full and wavy. **Pkt., 5c; oz., 15c; ¼ lb., 40c.**

Phyllis Unwin. **4110.** A giant amongst Sweet Peas. Color, a deep rosy carmine self, with all the grand points of "Gladys Unwin." The same crinkled and wavy standard and broad wings but with an even larger flower; these are produced 3 and 4 on a stem in the same manner. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.**

Regina. **4127.** This is a giant Black Michael, a much stronger grower and larger flowers—grand for exhibition—strongly recommended. **Pkt., 10c; oz., 20c; 2 ozs., 30c; ¼ lb., 50c.**

St. George. **1135.** A new, brilliant orange-scarlet. Standard very large and inclined to the wavy form. Wings bold and well opened, of a slightly deeper color. **Pkt., 15c; oz., 30c.**

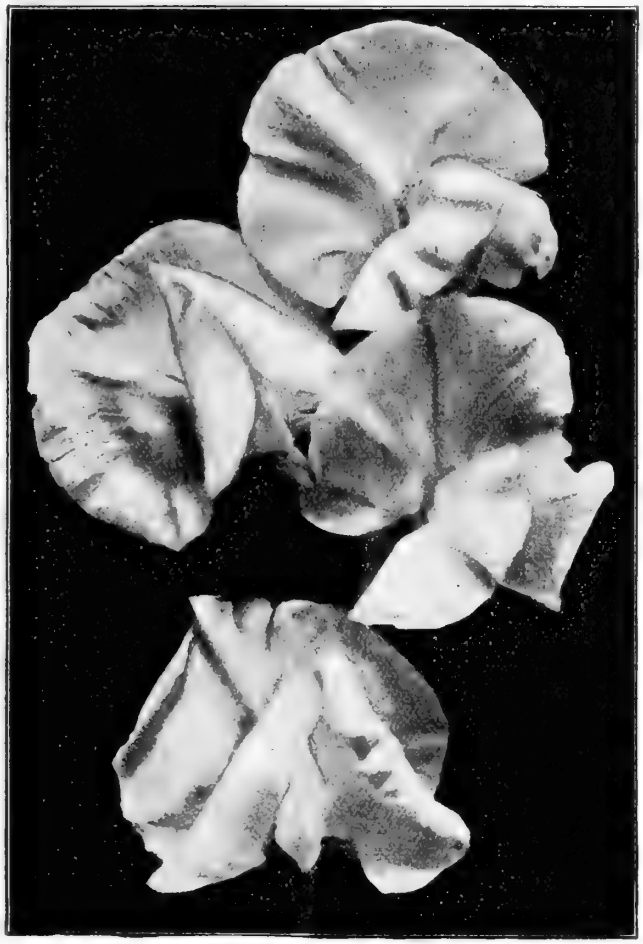
Unique. **4150.** Flowers white striped with light blue; of medium size and semi-hooded form. **Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 90c.**

Mixed "Spencer Hybrid" or Giant "Orchid-Flowered" Sweet Peas. **1169.** This sensational new type originated in England. The plants are of healthy, vigorous growth producing in greatest profusion long, strong-stemmed flowers of splendid substance, perfect form and truly gigantic size often measuring 2 ins. and over across. Wings large and gracefully poised; the standards boldly upright, facing all one way, round and delicately waved. This mixture is composed of Spencer types only and contains new varieties not yet fixed and in commerce. **Large pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.60.**

VAUGHAN'S 12 BEST SWEET PEAS.

We secure each year from English hybridizers their first introductions, often paying as high as $30.00 per pound. These seeds are planted by our California growers who raise for us thousands of pounds, growing the different varieties in most carefully separated plats, that no mixture may occur. Besides English Novelties we have many new California Seedlings, naming such as are of distinct merit. These pages will show that besides adding all these magnificent novelties in flowers and types, we have not failed to retain all the best of our grand list comprising all colors and shades, which for more than 20 years have made Vaughan's Sweet Peas the standard in this flower everywhere.

California Grown Sweet Pea Seed is the standard everywhere. The question of superiority of any particular grower's stock is merely one of carefulness and skill combined with integrity and a knowledge of the varieties. We have fully verified the above at our trial grounds at Western Springs.



FLORENCE MORSE SPENCER.

PLUM COLOR. Black Michael. **4014.** This is a very beautiful, well-shaped, large flower of the finest texture; in color it is different from all other dark sorts, being a peculiar plum shade, almost a self. Very desirable. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.**

DEEP PINK. Bolton's Pink. **4016.** Standards rich pink, suffused with salmon; wings soft pink, with large bold erect round standards of faultless form; the flowers are borne three and four on extra long stout stems. A pea of immense size and substance. **Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; lb., 85c.**

SHELL PINK. Countess Spencer. **4024.** A delightfully soft pink, shading a little deeper at the edges of the petals. Its size is larger than any other variety, and at its best the standard is usually two inches across, which is much wider than any other variety. The edges of all the petals, wings and standard are wavy—just enough to give it a graceful, fluffy appearance. The stems are long, often eighteen inches in length. It bears almost without exception four blossoms to the stem, and they all face one way. The blossoms usually fall off instead of setting seed, which accounts for its long continuation of bloom. **Pkt., 10c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; lb., $1.25.**

BLUSH PINK. Florence Morse Spencer. **4059.** Delicate blush with pink margin. Very large, open, wavy form of the best Countess Spencer type, with long stems and four blossoms to the stem. **Pkt., 10c; oz., 20c., 2 ozs., 35c; ¼ lb., 50c.**

BLUE and WHITE. Helen Pierce. **4067.** This is the new gloxinia-flowered Sweet Pea. In color it is a combination of very bright blue and white, not striped, but marbled blue on a white ground, with the veins showing a little deeper, exactly like a mottled Gloxinia The flowers are large, of perfect shell-shape, and make a beautiful decoration, especially when bunched by itself. **Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., $1.00.**

CARMINE-ROSE. John Ingman. **4074.** This is the deepest color of the Spencer type The beautifully fluted flowers of gigantic size are a rich carmine-rose in the standard, with wings of a deep rosy pink. The whole effect is almost that of a self-color. The flowers frequently measure two inches across the standard and come generally four to a spray, borne upon long stiff stems. Of vigorous growth and a profuse bloomer. A magnificent variety. **Pkt., 10c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; lb., $1.25.**

LAVENDER. Lady Grisel Hamilton. **4080.** Standard light mauve, wings lavender. Large size, hooded form. It is the largest and lightest shade of lavender variety. **New Countess, Celestial, Countess of Radnor** and **Princess May** are all practically the same, but smaller and are superseded by this variety. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

BLUE. LORD NELSON or "Brilliant-Blue." **4083.** A magnificent variety. The standard is very large, of richest dark navy blue color; the shaded purple wings are also large and have been pronounced as of a "true deep Oxford blue, the tips of the wings showing a bright gentian blue tint." The plant is a strong grower and profuse bloomer. The flowers are borne three and four on long, strong stems. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.**

PURPLE BLUE. Mrs. Walter Wright. **4099.** This is one of the largest and finest of the lavender colored varieties. The flowers are self-colored, of a pinkish cream tint when first opening, changing to mauve and then to a reddish violet when fully opened. The standard is tall and broad with the edges heavily rolled; the wings are of the largest size. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.**

YELLOW. Primrose Spencer. **4111.** The flowers are well placed on stems 10 to 12 in. long, and are borne 3 flowers, sometimes 4 flowers to the stem. The standard measures 1¾ in. across by about 1¼ in. deep. The wings are 1 in. across by 1⅛ in. deep. The color is a pronounced primrose throughout. Both standard and wings are thoroughly crinkled or "waved." **Pkt., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 50c; lbs., $1.75.**

SCARLET. Queen Alexandra. **4115.** A grand new brilliant scarlet sweet pea, introduced by Mr. Eckford of England. It is practically the same shade as Scarlet Gem, but is much larger and has the hooded or shell-shaped standard. There is no red sweet pea that approaches it in brilliancy and it will undoubtedly claim first place for florists' use and for cut flowers generally. The size is large and the stems of good length. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.**

WHITE. White Spencer. **4155.** Produces in the greatest profusion flowers of enormous size that are absolutely pure white. The standard is decidedly waved, crinkled and fluted. The standard measures 1¾ inch across by 1⅜ inch in depth. The wings are fully 1 inch wide. The flowers are borne three and four to the stem; the stems measure from 12 to 15 inch. in length. The vines are most vigorous in growth and are nearly covered with bloom, while the flowers retain their enormous size throughout the season. Of fine substance, the magnificent flowers are unsurpassed for cutting and for keeping after being cut. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.60.**

Vaughan's 12 Best SWEET PEAS.

SPECIAL OFFER 48 A. *One regular size packet each of above (regular price, 95c) 50c net.*

SPECIAL OFFER 48 B. *One ounce each of above (regular price, $1.65) $1.00 net.*

4171. THE "12 BEST" SWEET PEAS, MIXED. Per oz., 15c; 2 ozs., 25c; ¼ lb, 35c; lb., $1.25. postpaid.

VAUGHAN'S GLADIOLUS PRINCEPS.

See Color Plate.

GLADIOLUS, MRS. FRANCIS KING.

Princeps has more than verified by its wonderful popularity in both Europe and America, the claims made by us in introducing it in 1903. Its wonderful size of flower, perfect shape, brilliant coloring, and artistic form of flower spike are each so notably an improvement over all other varieties, that all combined place it in the front rank. The flowers are 5 to 6 in. broad, the petals are very wide and rounded, well reflexed, forming an almost circular flower. The color is brilliant scarlet-crimson, carrying mostly three broad, white blotches on the lower petals. Spikes 4 ft. in height produce 12 to 15 flowers. The bulb and plant are very healthy, and the flowering continuous.

PRICES.

First Size Bulbs, 1 to 1½ in. diam., **each, 20c; 3 for 55c; doz., $2.00; 100, $15.00.**

Second Size Bulbs, about 1 in. diam., **each, 15c; 3 for 40c; doz., $1.80; 100, $12.00.**

Third Size Bulbs, about ¾ in. diam., **6 for 50c; doz., $1.00; 100, $8.00.**

These are all blooming bulbs, prepaid to any address in the United States.

What Good Judges Think of "Princeps."

"Princeps surpasses any with which we are at present acquainted." PH. DE VILMORIN.

"The most magnificent of any gladiolus I have ever seen." L. BURBANK.

PRINCEPS AWARDS.

Award of Merit, Royal Horticultural Society, London, 1901; Diplomas, American Institute, New York, 1901; Gold Medal, St. Louis Exposition, 1904; Diploma, National Society of Horticulture, France, 1908.

GLADIOLUS MRS. FRANCIS KING.

See illustration, which is one-third natural size.
New Giant Flowered Gladiolus.

Introduced by Vaughan's Seed Store in 1906, it has proven of exceptional value for cut flower use, in vases, show windows, on all dining tables, and in many other places where vases of this beautiful flower are so adaptable. The color is of a very pleasant light scarlet, strikingly attractive, especially so under artificial light. Separate flowers measure 4 to 5 in., and the stalk 5 ft. high. 5 to 6 flowers are open on a spike at one time.

AWARDS. Certificate of Merit, Society of American Florists, Dayton, O. Certificate of Merit, Newport Horticultural Society, Newport, R. I., 1906.

PRICES: First Size Bulbs, each, 5c; doz., 50c; 100, $3.00.
Second Size Bulbs, each, 4c; 3 for 10c; doz., 40c; 100, $2.50.

GLADIOLUS NOVELTY FOR 1909.

"The Margaret."

This beautiful seedling first produced ten years ago has now so increased in number that we are able to offer it to our customers for the first time. It is a vigorous grower, 5 to 6 ft. with a broad foliage resembling Iris. The spike is straight and strong, never twisted or deformed. The flowers are large, beautifully arched and 6 to 8 are open at one time. They are arranged in two rows facing the same way and set without crowding. The coloring fully warrants our endorsement. A brilliant carmine with a large white blotch on the lower petals, the white and carmine blending into a violet tint. A good cut flower; if cut when the first flowers open is usable for ten days.

PRICES: Mammoth Bulbs.....each, 35c; doz., $3.50.
First Size Bulbs.....each, 25c; doz., $2.50.

GLADIOLUS AMERICA.

In color it is a soft lavender pink, very light, almost a tinted white, spikes two and three feet long, very large spreading blooms, and luxuriant dark green foliage. It is evidently a favorite with florists already, bringing more than any other variety in the New York cut flower market. When cut it lasts in water a week, the blossoms retaining their vigor and delicate coloring.

PRICES: Mammoth Bulbs.....each, 25c; 3 for 65c; doz., $2.25.
First Size Bulbs.....each, 12c; doz., $1.25; 100, $8.00.

"America" was awarded Certificate of Merit by S. A. F., Washington, D. C., 1905; Mass. Hort. Soc., Boston, 1905; by American Institute, New York, 1905.

NOVELTY COLLECTION. 12 Bulbs for $1.50.

Three each of above four varieties, Princeps, Mrs. Francis King, Margaret and America, prepaid to any address in United States.

GLADIOLUS MARGARET.

OTHELLO BURBANK'S PURPLE LEAF PLUM.

OTHELLO PLUM—2-year tree.

Our own introduction. A rare combination of the useful and the beautiful. A wonderful new fruit and ornamental tree, one of Luthur Burbank's creations, of which we purchased the first and only tree in 1905. The tree is an upright grower and a prolific bearer; fruit deep crimson, about 1 inch in diameter, ripening before the very earliest of ordinary plums. The foliage is of the most brilliant reddish purple, and holds its color throughout the season.

With us, the trees have not yet produced fruit, on account of their age, but we have been more than pleased with their vigorous growth, perfect hardiness and beautiful foliage, which has been greatly admired by all visitors at our nursery. The Burbank class of plums is known all over the country as early, hardy and prolific. Mr. Herbert Chase of Alabama, an authority on fruits and plants, wrote us in the summer of 1907: "It has better foliage, and is a more vigorous grower than any other plum that I know of. It is much handsomer than Prunus Pissardii, and a much better grower." (See colored plate in this book.)

PRICES.

Size A, 5-6 feet high, each, $2.00; 3 for $5.50; doz., $20.00.

Size B, 4-5 feet high, each, $1.50; 3 for $4.25; doz., $16.00.

Size C, 3-4 feet high, each, $1.25; 3 for $3.50; doz., $12.00.

Size D, 2-3 feet high, each, $1.00; 3 for $2.75; doz., $9.00.

The above prices are by express, at buyer's expense.

PRINCEPS

The New Amaryllis-Flowered GLADIOLUS

Introduced by Vaughan's Seed Store

This "King of all Gladiolus" has become popular beyond every other variety, both in this country and throughout Europe. It has made a class for itself, and no collection is complete without it.

The individual flowers are 5½ inches in diameter, and sometimes larger. The color is brilliant scarlet-crimson, with three broad, white blotches on the lower petals. The spikes produce 12 to 15 flowers, and grow 4 feet in height.

"PRINCEPS surpasses any with which we are at present acquainted."
Ph. De Vilmorin.

* * *

"The most magnificent of any gladiolus I have ever seen."
Luther Burbank

AWARDS:

Award of Merit, Royal Horticultural Society, London, 1901.

Diploma, American Institute, New York, 1901

Gold Medal, St. Louis Exposition, 1904.

Diploma, National Society of Horticulture, France, 1908.

PRICES:

First size Bulbs, (1 to 1½ inch diameter) each, 20c; 3 for 55c; per dozen, $2.00; per 100, $15.00.

Second size Bulbs, (about 1 inch diameter) each, 15c, 3 for 40c; per dozen, $1.80; per 100, $12.00.

Third size Bulbs, (about ¾ inch diameter) 6 for 50c; per dozen, $1.00; per 100, $8.00.

VAUGHAN CHICAGO NEW YORK

OTHELLO PLUM.

A PURPLE-LEAVED BURBANK PLUM

Our own introduction. A rare combination of the useful and the beautiful. A wonderful new fruit and ornamental tree: one of Luther Burbank's creations, of which we purchased the first and only tree in 1905.

The tree is an upright grower, and a prolific bearer; fruit deep crimson, about one inch in diameter, ripening before the very earliest of ordinary plums.

The foliage is of the most brilliant reddish purple, and holds its color throughout the season.

PRICES:

	Each	3 for	Dozen
Size A. Trees 5 to 6 feet high..	$2.00	$5.50	$20.00
Size B. Trees 4 to 5 feet high..	1.50	4.25	16.00
Size C. Trees 3 to 4 feet high..	1.25	3.50	12.00
Size D. Trees 2 to 3 feet high..	1.00	2.75	9.00

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Introduction *of*

VAUGHAN'S SEED STORE

CHICAGO NEW YORK

THE HOME Vegetable GARDEN

Good Seeds cost more to raise than the ordinary sort and our seeds are grown on a basis of quality; our costs on good seeds are right, and we cannot be undersold when this feature is taken into consideration.

Vaughan's Seeds satisfy the careful gardener. In the Chicago Tribune Garden Contest this year, nine-tenths of the prizes awarded for best gardens in Chicago, were captured by customers who planted our seeds.

The prices quoted in this Catalog include free delivery on packets, ounces, ¼ pounds and pounds (except where otherwise stated). They do not include delivery charges on large quantities, nor on pints, quarts, pecks and bushels. By "Freight or Express" always means that transportation charges are paid by the customer.

VEGETABLE SEEDS FOR PLEASURE AND PROFIT.

WHOEVER has grown a vegetable garden, or eaten the fruits of one, realizes the marked difference between fresh vegetables and those usually obtained at grocery and market. The flavors and sweetness of vegetables soon escape when cut off from the sap of the mother plant. How wise and comfortable then to grow a garden of one's own. Even a small space can be made worth the while. Garden truck is expensive, seed is cheap, and labor is both healthful and pleasureable; buy best seeds though; a few cents saved on a seed bill is poor economy, a waste of soil space and of one's time and work.

ARTICHOKE, GREEN GLOBE.

A perennial whose large flowering heads are cooked and eaten like Asparagus. Matures the second year. Not hardy in the north. **Pkt., 10c; oz., 30c.**

Artichoke Jerusalem. See page 137.

ASPARAGUS SEED.

Sow thickly in early Spring. Transplant in one or two years, 9 to 12 inches in rows 3½ feet apart. Asparagus can be cut in 3 to 4 years.

EARLY GIANT ARGENTEUIL. The famous Parisian Asparagus. Grows to large size, is very vigorous and fairly free from rust. The flavor is superb. Our seed is from one of the largest Asparagus Plantations near Paris. **Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., $1.00.**

BONVALLET'S GIANT. (See page 3, Novelties.) The best variety for home and market yet introduced. **Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 45c; lb., $1.50.**

PALMETTO. The standard light green grass. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.**

COLUMBIAN MAMMOTH WHITE. Large semi-white shoots without earthing up. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c.**

BARR'S MAMMOTH. Similar to Palmetto. Does better in some soils. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.**

CONOVERS COLOSSAL. A large fast growing variety. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.**

Root of Bonvallet's Giant Asparagus, 4 years from planting.

ASPARAGUS ROOTS.

One year roots are ready to cut two years from planting; two and three year roots, the year following setting out.

PRICES.

	Doz.	100	1000
1-year-old Roots.			
Conover's Colossal	$0.10	$0.50	$4.00
Palmetto	.10	.50	4.00
Columbian Mammoth White	.10	.50	4.00
2-year-old Roots.			
Bonvallet's Giant	.25	1.75	12.00
Conover's Colossal	.15	.75	5.00
Palmetto	.15	.70	5.00
Columbian Mammoth White	.15	.75	5.00
Argenteuil	.25	.95	8.00
3-year-old Roots.			
Bonvallet's Giant transplants for forcing	.50	3.00	
Conover's Colossal	.20	1.25	10.00
Palmetto	.20	1.25	

(If to go by mail add 25 cts. per 100 for the 1-year-old plants and 50 cts. per 100 for the 2-year-old plants. Special prices on larger lots on application.)

BUSH LIMA BEANS.

NEW WONDER BUSH LIMA.

Described in the bulletin on Garden Beans published by the U. S. Department of Agriculture this year as the best of the large seeded Bush Limas for general cultivation. The plants are large, compact, medium season, long bearing and very prolific. The shell pods are green, of smooth surface, slightly curved, uniform and large, usually containing three seeds. Quality of the beans is excellent. Originated as a selection from the Burpee Bush Lima, compared to which it is earlier, more compact and has less tendency to runners. **Pkt., 10c; pt., 20c; (by mail, 28c); qt., 35c; (by mail, 50c); ½ pk., $1.30; pk., $2.50.**

NEW WONDER BUSH LIMA.

BUSH LIMA (Dreer's)

A dwarf variety of Dreer's improved Lima; very prolific, single plants often producing from 150 to 200 pods, each pod holding 3, 4 or 5 beans of excellent flavor. Does well even in dry season. **Pkt., 10c; pint, 20c; (by mail, 28c); quart, 35c; (by mail, 50c); by express, ½ peck, $1.20; peck, $2.25.**

BUSH LIMA (Henderson's)

Earliest of all the true Limas, a reliable cropper, very productive, free from mildew, and of compact form. **Pkt., 10c; pint, 15c; (by mail, 23c); quart, 25c; (by mail, 40); by express, ½ peck, 90c; peck, $1.75; bushel, $6.50.**

BUSH LIMA (Burpee's)

A true bush form of the large White Lima, a circular bush 15 to 20 inches high with a diameter of 2 to 2¼ ft., self-supported by its own thick stems. Unsurpassed in productiveness and quality of its large handsome pods. **Pkt., 10c; pint, 15c; (by mail, 23c); quart, 30c; (by mail, 45c); by express, ½ peck, $1.00; peck, $1.85; bushel, $7.00.**

BEANS. BUSH OR SNAP, WAX OR YELLOW-POD VARIETIES.

DAVIS KIDNEY WHITE WAX.

The handsomest of all the early Wax Beans. The pods are long, (7 inches) straight, very uniform and clear waxy white. The vines are vigorous, extremely prolific and fairly rust resistant. We have been improving the variety in this respect—seed being chosen only from unaffected vines. The dry beans are kidney shaped, clear white and excellent for baking. For snap beans in the home garden this variety should be picked young before it becomes stringy and tough. The best market garden Wax Bean. **Pkt., 10c; pt., 20c;** (by mail, **28c**); **qt., 35c;** (by mail, **50c**); by express, **pk., $1.60; bu., $6.00.**

BLACK PENCIL POD WAX.

The best quality round pod early Wax Bean. It has a bushy growth, height 15 inches; is extremely productive. Pods are straight, round, six to seven inches long, thick, absolutely stringless, of fine flavor; color medium yellow. The seed is black. An all round high quality sort for the kitchen garden or the market gardener. **Pkt., 10c; pint, 20c;** (by mail, **23c**); **quart, 35c;** (by mail, **45c**); by express, **peck, $1.60; bu., $6.00.**

WARDWELL'S KIDNEY WAX.

The best quality early Wax Bean. The pods are long, (6 inches) flat, even in size—a fine yellow color—brittle and entirely stringless. A very good yielder and pods remain tender a long time. In some localities subject to rust, however on the prairie soils of the West a most desirable sort both for the home and the market garden. **Pkt., 10c; pint, 20c;** (by mail, **28c**); **quart, 35c;** (by mail, **50c**); by express, **peck, $1.75; bu., $6.50.**

Wardwell's Kidney Wax

OTHER KINDS.

Our Bean "Packets" contain a very liberal amount of seed. The price of 10 cents includes postage. When purchased at our stores or sent by express, these packets contain more seed.

The prices below except for packets, do not include postage. If to go by mail, add 8 cents per pint or 15 cents per quart.

	Pkt.	Pt.	Qt.	Pk.
Challenge Black Wax. Extremely early; pods tender and stringless, seeds black.	$0.10	$0.15	$0.30	$1.50
Round Pod Kidney Wax. Productive, hardy and stringless	.10	.20	.35	1.75
Stringless Refugee Wax. Heavily productive; pods long, stringless, and brittle	.10	.15	.30	1.50
Prolific Black Wax. Very early, prolific; long pod	.10	.15	.30	1.50
Valentine Wax. Second early, prolific; pods waxy yellow	.10	.15	.30	1.50
Golden Eye Wax. Height, 1½ feet; early. Pods large and flat	.10	.15	.30	1.50
Flageolet Wax. Resists rust; pods large, flat and yellow	.10	.20	.35	1.60
Yosemite Wax. Exhibition quality variety. Pods thick, 10 to 12 inches long, golden yellow	.10	.20	.40	2.25
Crystal White Wax. The absorbent quality of its pods makes it the best variety for pickles	.10	.20	.35	1.60
Horticultural Wax. New. A very desirable early Bean for market	.10	.20	.35	2.00
Hudson Wax. (See Novelties.) Late; heavy yielding	.10	.20	.35	2.00
Monster Stringless. New. (See Novelties.) Stringless. Largest pod of the bush varieties	.15	.25	.50	3.00

IMPROVED GOLDEN WAX.

Moderately early, of vigorous, bushy growth, rust-proof. A reliable heavy cropper, whether sown in Spring, Summer or early Fall. Pods long, thick and solid, absolutely stringless, of golden yellow color. A standard sort for both home and market garden use. **Pkt., 10c; pint, 15c;** (by mail, **23c**); **quart, 30c;** (by mail, **45c**); **by express, pk., $1.50; bushel, $5.00.**

RUSTLESS GOLDEN WAX.

A much used variety, very early, prolific, rust proof; pods straight, rather flat, 5½ inches long, crisp, tender, of golden yellow color; seeds black. **Pkt., 10c; pint, 15c;** (by mail, **23c**); **quart, 25c;** (by mail, **40c**); **by express, peck, $1.50; bushel, $5.00.**

Pole or Climbing Lima Beans.

SIEBERT'S LIMA

SIEBERT'S EARLY LIMA.

The best variety for northern planting. A popular early variety; an enormous yielder though the pods seldom contain more than 4 seeds; pods medium long, dark green, well-filled with large, fleshy, tender, fine flavored beans. **Pkt., 10c; pint, 20c;** (by mail, **23c**); **quart, 35c;** (by mail, **50c**); by express, **peck, $1.85; bushel, $7.00.**

KING OF THE GARDEN LIMA.

A favorite climbing sort, in continuous bloom and fruitage to the end of the season; pods uniform, 5 to 8 inches long, holding usually 7 perfectly formed beans of superior quality. **Pkt., 10c; pint, 15c;** (by mail, **23c**); **quart, 30c;** (by mail, **45c**); by express, **peck, $1.85; bushel, $7.00.**

FORD'S MAMMOTH POLE LIMA.

The largest and most productive Lima Bean. The pods of this desirable Bean grow to an average length of 8 inches and are produced in great clusters. The pods have from 5 to 7 Beans of excellent quality, both green and dry. **Pkt., 10c; pint, 20c; (by mail, 28c); quart, 35c; (by mail, 50c); by express, peck, $2.00; bushel, $7.50.**

CHALLENGER OR DREER'S IMPROVED. Thick pods of good size and flavor. Early. **Pkt., 10c; pint, 15c; (by mail, 23c); quart, 30c;** (by **mail, 45c); by express, peck, $1.85; bushel, $7.00.**

LARGE LIMA. The beans are large and attractive. A very popular variety. **Pkt., 10c; pint, 15c; (by mail, 23c); quart, 30c; (by mail, 45c); by express, peck, $1.75; bushel, $6.75.**

EXTRA EARLY JERSEY LIMA. Small pods, early. An old standard. **Pkt., 10c; pint, 20c; (by mail, 23c); quart, 35c; (by mail, 45c); by express, peck, $1.85; bushel, $7.00.**

LONGFELLOW GREEN POD.

BEANS.

BUSH OR SNAP, GREEN POD VARIETIES.

LONGFELLOW.

For a home garden bean, this variety is one of the best. The pods are the handsomest of any good quality bean, and while not entirely stringless, are nearly so. They are extraordinarily prolific, bearing a profusion of pale, soft green pods 7 to 8 inches long, straight, round, and of delicious flavor. The plant grows 12-14 inches high, is early (six weeks), and ripens uniformly. Market gardeners plant this bean in preference to any other. Vaughan's Special: **Pkt., 10c; pint, 15c (by mail, 23c); qt., 30c (by mail, 45c); ½ peck, 75c; peck, $1.40; bu., $5.00.**

BOUNTIFUL STRINGLESS.

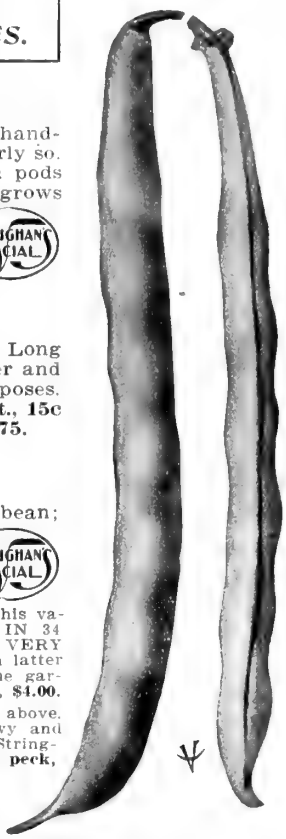
Extra early. Tender, large podded and a bountiful yielder. An improved Long Yellow Six Weeks, being earlier, hardier and producing many more, better and larger pods. Its long pods are very showy, and good for exhibition purposes. It is equally valuable for the gardener and the home garden. **Pkt., 10c; pt., 15c (by mail, 23c); qt., 30c (by mail, 45c); ½ peck, 70c; peck, $1.30; bu., $4.75.**

STRINGLESS GREEN POD.

See novelty and specialty pages. The most desirable all purpose green pod bean; round pods, absolutely stringless. Season is early, and the vines are extremely prolific. Vaughan's Special: **Pkt., 10c.; pint, 20c (by mail, 28c); quart, 30c (by mail, 45c); ½ peck, 75c; peck, $1.40; bu., $5.00.**

IMPROVED EARLIEST VALENTINE. Our stock of this is extra choice. This variety is usually READY TO PICK IN 34 DAYS after planting. The pods are ROUND, VERY THICK AND FLESHY, WITH VERY LITTLE STRINGS, of finest quality and unequaled in uniformity of ripening, which latter fact, combined with its earliness, makes it one of the most profitable sorts for the gardener. **Pkt., 10c; pint, 15c (by mail, 23c); qt., 25c (by mail, 40c); peck, $1.15; bu., $4.00.**

MAMMOTH SPRINGLESS GREEN POD. A mammoth podded strain of the above, not quite so early but more showy and possessing the good qualities of the original stringless. Excellent to plant with the "Stringless" for succession. **Pkt., 10c; pint, 20c (by mail, 28c); qt., 30c (by mail, 45c); ½ peck, 75c; peck, $1.40; bu., $5.00.**



BOUNTIFUL STRINGLESS.

BLACK VALENTINE.

This excellent variety is a great improvement over the popular standard sort Early Red Valentine, being ONE-THIRD LONGER THAN THAT VARIETY, PODS PERFECTLY ROUND AND STRAIGHT, although not quite so early. It also has the additional advantage of being suitable both for early and late planting, being extremely hardy. It will withstand early and late frosts which kill other varieties. A most desirable sort for the market gardeners, owing to its enormous yielding qualities, large and handsome appearance. Should be planted instead of either Red Valentine or Refugee, being superior to either in appearance. **Vaughan's Special: Pkt., 10c; pint, 15c (by mail, 23c); qt., 30c (by mail, 45c); peck, $1.50; bu., $5.50.**

REFUGEE, OR 1,000 TO 1.

Similar to the Valentine pods, one-third larger, tapering to a slender point. Pods are perfectly round and straight. Very hardy, so that it is good for both early and late planting. An immense producer. **Pkt., 10c; pint, 15c (by mail, 23c); qt., 25c (by mail, 40c); peck, $1.40; bu., $5.00.**

POLE BEANS.

These beans need poles for support. Later than bush beans, they are more productive. Pole Limas on opposite page. Prices, except for packets, do not include postage. If to be sent by mail, add 8c to the pint and 15c to the quart prices.

Early Golden Cluster Wax. Long golden stringless, and fine quality pods, borne in clusters; large pure white seeds. **Pkt., 10c; pt., 20c; qt., 35c; peck, $2.25; bu., $8.00.**

Kentucky Wonder, or Old Homestead. (See illustration.) Long flat green pods, seven to nine inches in length, fleshy and stringless. Heavy yielder. Excellent for snap beans. **Pkt., 10c; pt., 15c; qt., 30c; peck, $1.65; bu., $6.25.**

Kentucky Wonder Wax. (See novelty pages.) In our trials has proven the best pole wax bean. **Pkt., 10c; pt., 20c; qt., 35c; peck, $2.00.**

Scarlet Runner. A good snap bean as well as very ornamental, having bright red flowers. **Pkt., 10c; pt., 20c; qt., 30c; peck, $2.00.**

Lazy Wife. Thick stringless long pods borne in quantity. Also an excellent shell bean. **Pkt., 10c; pt., 20c; qt., 30c; peck, $1.65; bu., $6.25.**

Creaseback. Early pods, long round, green, tender and stringless. White beans. **Pkt., 10c; pt., 15c; qt., 30c; peck, $1.65; bu., $6.25.**

Dutch Caseknife. Early, long green, flat pods. White seed. **Pkt., 10c; pt., 15c; qt., 30c; peck, $1.60; bu., $6.00.**

Horticultural Cranberry. Early, good for snap or shell beans; for a cool climate. **Pkt., 10c; pt., 15c; qt., 30c; peck, $1.65; bu., $6.25.**

Burger's Stringless Green Pod. (See novelty pages.) A fine early green pod pole bean. Stringless, of the highest quality. **Pkt., 10c; pt., 20c; qt., 35c.**

For Choice New Varieties, see Novelty Pages 3 and 4.

KENTUCKY WONDER POLE.

OTHER LEADING SORTS.

Any of the following, per pkt., 10c.

The prices, except for packets, do NOT include postage, if by mail, add 8c to the pint and 15c to the quart prices.

	Pt.	Qt.	Pk.	Bu.
EXTRA EARLY REFUGEE. Similar to the Refugee; two weeks earlier	$0.15	$0.25	$1.15	$4.00
BROAD WINDSOR. An English Dwarf Bean, eaten shelled; best of class	.15	.25	1.60	6.00
DWARF HORTICULTURAL. Late, heavy yielding. Flat yellow pods spotted with red	.15	.30	1.50	5.50
EARLY MOHAWK. Productive, long flat pods. Early, rather stringy	.15	.25	1.25	4.00
EARLY ROUND POD. Six Weeks. Early sort for market. Good yielder. Quality fair	.15	.25	1.25	4.00
EARLY YELLOW. Six Weeks. Similar to round sort, with flat pods. Quality ordinary	.15	.25	1.15	4.00
IMPROVED NAVY. Fine field sort	.15	.25	1.00	3.50
WHITE KIDNEY. Fine white bean. Poor quality pods	.15	.25	1.25	4.50
TRIUMPH OF THE FRAMES. Small, French bean. Good under glass and outside	.20	.40		
WHITE MARROW. Good shell bean	.15	.25	1.25	4.50

SIX FINE FOREIGN BEANS.

GIANT SCARLET RUNNER. Very fine flowers and long pods. **Price, pkt., 10c; 3 for 25c.**

TWO COLORED FIRE BEAN. A scarlet runner with very pretty pink and white flowers. **Pkt., 10c; 3 for 25c.**

JULY POLE. (Eight weeks.) Very productive pods, thick and tender. Grows only six feet. Fine for house gardens. **Pkt., 15c; 2 for 25c.**

FRENCH ASPARAGUS BEAN, "YARD LONG." Of good flavor. Pods immense, two to four feet long. **Pkt., 10c.**

WAX POLE BEAN, "FILL BASKET." New, very early, productive. Pods nine inches, very meaty and without strings. White seed. **Pkt., 10c; 3 for 25c.**

GREEN POD POLE BEAN, PRESIDENT ROOSEVELT. A German novelty. Absolutely stringless. Pods up to 10 inches long, thick and meaty. A most promising variety. **Pkt., 10c; 3 for 25c.**

BEET.

An ounce of Beet Seed is generally sufficient for a home garden. It requires from 5 to 6 lbs. to sow an acre.

CROSBY'S EGYPTIAN.

NEW BEET. VAUGHAN'S "FIRE-BALL"

(See cut and description on page 4, novelty pages.) Slender leaves; flesh brilliant red; shape globe. Season early as Crosby's Egyptian. **Pkt., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 35c; lb., $1.25.**

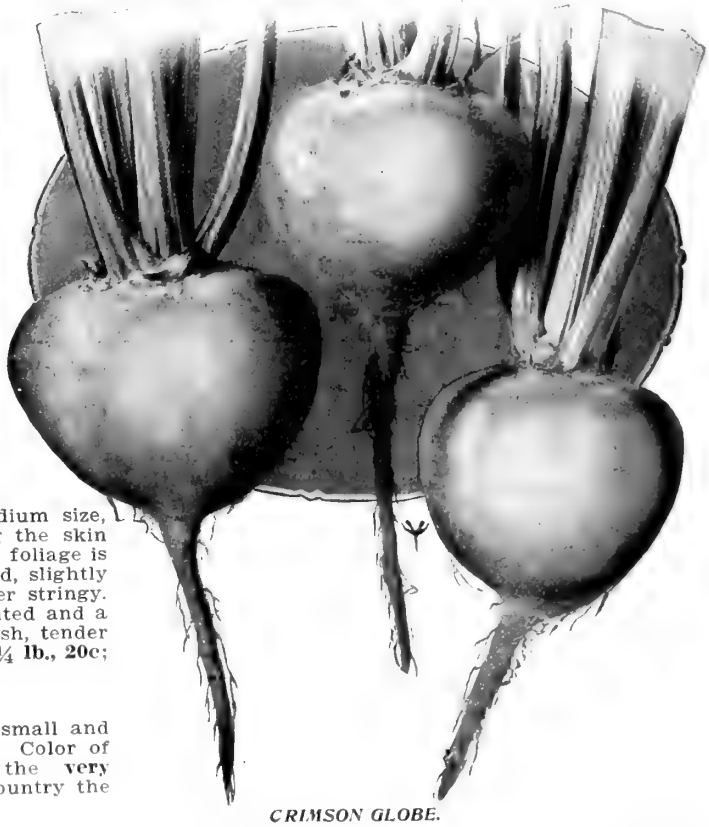
CROSBY'S EGYPTIAN. *The Best of the Early Beets.*

Originally a selection from Early Flat Egyptian. Has been bred slightly thicker than the old stock, which gives it a more desirable shape, while it still retains extreme earliness; color, a deep red, almost black; flesh, sweet, smooth, tender and of excellent quality. Earlier than any other, it makes most desirable small beets for early market, of presentable size and shape. Tops are not too small, but just right for easy bunching.

This is a variety that requires most expert care in growing in order to retain in equal proportion, earliness, shape and color. Our strain is kept at the top notch by the most careful and experienced seed growers we have been able to find.

Crosby's Egyptian, Vaughan's Selected Stock—**Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 70c.**

Crosby's Egyptian, Regular Stock—**Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 55c.**



CRIMSON GLOBE.

CRIMSON GLOBE. *UNSURPASSED FOR MAIN CROP USE.*

An extremely handsome, early or main-crop variety, of medium size, almost globe shaped, and entirely free from rootlets, leaving the skin entirely smooth. The roots average 10 in. in circumference, the foliage is small and of a rich bronze purple. The flesh is a rich blood red, slightly zoned and **of the finest quality,** always sweet and tender, never stringy. For market use as a main crop variety, it is very heavily planted and a favorite everywhere. In the home garden, its rich dark red flesh, tender and sweet, is not excelled by any other sort. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid; by express, lb., 50c; 5 lbs., $2.25.**

DETROIT DARK RED TURNIP.

A grand Beet for bunching for market; tops exceptionally small and upright; roots are **perfect turnip shape with small tap roots.** Color of skin dark blood red; flesh bright red. Quality of the **very best,** sweet, tender and lasting. All through the Western Country the Detroit has an unequalled reputation. Our stock is particularly fine shaped and dark fleshed. **One of the best for the market gardener and the home garden.**

VAUGHAN'S SELECT STOCK. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 70c.

LONG SMOOTH BLOOD.

EDMAND'S EARLY.

Roots are of good form, round, with only one single small tap root; flesh is of a deep blood red color, very sweet and tender. Plant closely, as they do not grow large and coarse, but have very small top. One of the best. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50. By express, 5 lbs., $1.80; 10 lbs., $3.50.**

LONG SMOOTH DARK BLOOD. This variety has long slender roots. The beets are seldom more than 2 in. through. Matures rather late, but is an excellent keeper. The flesh is dark red and quality excellent, sweet and tender. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; by express, 5 lbs., $1.50; 10 lbs., $2.85.**

HALF LONG BLOOD.

One of the best for winter use. Roots only half as long as the Long Blood, but weigh as much on account of their thickness. Always smooth, and their rich, dark red flesh is very sweet, crisp and tender, never becoming woody, even in exposed portions. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c. By express, 5 lbs., $2.00; 10 lbs., $3.85.**

ARLINGTON IMPROVED. Early, deep round form; medium size; color, dark blood red; does not become stringy, but is sweet and tender at all times. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c. By express, 5 lbs., $2.00; 10 lbs., $3.75.**

BASSANO EARLY FLAT RED. One of the earliest; flesh tender, white and rose in color. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c. By express, 5 lbs., $2.00; 10 lbs., $3.75.**

VAUGHAN'S CHICAGO MARKET. Extremely dark roots and leaves. The beet is turnip shaped, medium size and small tops. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00.**

DEWING'S EARLY BLOOD TURNIP. Good color; medium size; smooth and handsome. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.**

EARLY ECLIPSE. Roots nearly globular, with a small tap root and very small collar. Flesh dark red, zoned with a lighter shade, very sweet, crisp and tender, especially when young. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; by express, 5 lbs., $2.00; 10 lbs., $3.85.**

ELECTRIC. As early as Egyptian and well liked in the Eastern markets. It is almost round, leaves small, color very dark rich crimson, with rings of a lighter hue. Flavor delicate, rich and sugary. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; by express, 5 lbs., $2.25.**

IMPROVED EARLY EGYPTIAN. The best variety for forcing and first early crop. Roots very dark red, rounded on top, flat beneath, small tops. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 55c; by express, 5 lbs., $2.00.**

BROCCOLI, and BRUSSELS SPROUTS, see page 28.

MANGELS, see page 25.

SWISS CHARD or SEA KALE BEET, see page 52.

The growing of select beet seed requires the most painstaking care and expert knowledge. Each variety has characteristics that must be perpetuated to maintain its desirability under certain conditions. A selection of an ideal type is often not enough, several type selections being necessary to maintain equally essential features throughout the stock. Single type selections are likely to lose earliness, size or color, depending on how made. Our seed is from beet growing specialists.

EARLY CABBAGE OBLONG

VAUGHAN'S SELECT EARLY JERSEY WAKEFIELD.
The Best Early Cabbage in Cultivation.

Vaughan's Selected Early Jersey Wakefield.

We consider this variety the best of all earlies. It is by far the most popular sort of its class, and although introduced years ago, is still the standard. Our strain of seed is the best that careful and continuous selection for earliness and size can make. Every head which does not reach the very highest perfection is discarded when sorting for seed. Among the good points of this variety may be mentioned the large solid head; its uniform excellent quality, its few outside leaves, permitting close planting, and heavy outer leaves, covering the heart and thus affording it protection against severe weather. The heads are conical in shape, the point being rather blunt or rounded.

VAUGHAN'S SELECTED AMERICAN GROWN, Pkt., 10c.; ½ oz., 20c.; oz., 30c.; 2 ozs., 50c.; ¼ lb., 80c., lb., $3.00.

EARLY JERSEY WAKEFIELD. Imported seed. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50.

LARGE JERSEY OR CHARLESTON WAKEFIELD.

This sort forms uniform solid heads, considerably larger than the Early Wakefield and matures only a few days later; on clay ground it will mature just as early. Largely planted by gardeners in the South. **Pkt., 5c.; ½ oz., 12c.; oz., 20c.; ¼ lb., 70c.; lb., $2.60.**

Our prices on pounds include postage, If sent "by express" customers paying charges, 10 cents may be deducted from the single pound rates.

EARLY WINNINGSTADT.

One of the best for general use, being very hardy and sure to head. Heads regular, conical, very hard, and keep well both winter and summer. We supply the best imported seed. **Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., $1.35.**

A long list of the varieties of Cabbage is confusing. The following are the best: **Early Jersey Wakefield,** early oblong; **Charleston Wakefield,** early oblong; **Early Allhead,** early flat; **Vandergraw** or **All Seasons,** early flat; **Premium Flat Dutch,** late; **Bridgeport Drumhead,** late, **Danish Ballhead,** late.

SPECIAL OFFER.

One packet, any three above.....15c.
" ounce, " " " .....55c.

EXTRA EARLY EXPRESS.

An extra early sort, in which the plants are compact, with round, thick leaves, that form an oval head, which is astonishingly large for the size of the plants. The heads are comparatively thicker and less pointed than those of the Jersey Wakefield, and are only slightly later than those of that sort. **Pkt., 5c.; oz., 20c.; 2 oz., 35c.; ¼ lb., 60c.; lb., $2.10.**

EARLIEST ETAMPES.

Very similar to the above. The heads are fully as large, not quite so hard, but are of excellent quality. Sold for "Earliest of All," "Wonderful," etc. **Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., $1.60**

EARLY YORK.

Heads small, heart-shaped, firm and tender. Can be planted 15 to 18 inches apart. **Pkt., 5c.; oz., 15c.; 2 ozs., 25c.; ¼ lb., 40c.; lb., $1.35.**

EXTRA EARLY EXPRESS.
One of the best very early kinds.

EARLY CABBAGE FLAT

Allhead or Faultless.

Our Seed is grown on Long Island by the Originator.

If a gardener or amateur were to plant but **one** variety of Cabbage he could get none that would answer all purposes as well as the **Early "Allhead."** For uniformity, reliability of heading, size, earliness and quality, it has no equal. It is also very profitable, since the outer leaves are so few, a close planting can be made, and 1,000 more Cabbages per acre be grown than from seed of other sorts. **Pkt., 5c.; ½ oz., 12c.; oz., 20c.; 2 ozs., 35c.; ¼ lb., 60c.; lb., $2.10.**

EARLY ALLHEAD OR FAULTLESS.
The Standard Early Flat Sort.

Our Cabbage Seed is one of our specialties, and is grown from extra selected heads. Even the smaller heads just under perfection are discarded. We want none but the best.

VAUGHAN'S ALL SEASONS.

(VANDERGAW)

One of the best sorts for the market gardener, as it forms large, solid heads, much larger than the **Early Summer** and almost as early; while planted later, it makes a first class Fall and Winter sort. One of its main qualities is its **almost absolute certainty to head. Pkt., 5c.; ½ oz., 12c.; oz., 20c.; ¼ lb., 60c.; lb., $2.10.**

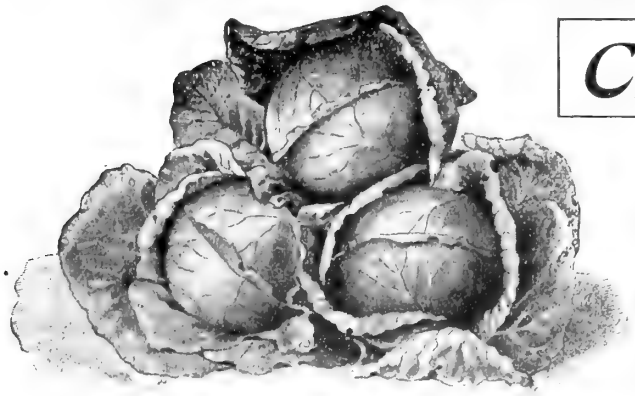
NEW EARLY FLAT HEAD.

Improved Early Spring. This is a cross between Jersey Wakefield and Succession. It has the thick leathery leaves of the Wakefield and produces slightly rounded heads at practically the same date as the pointed Wakefield. The plant is dwarf growing and has few outside leaves. **Pkt., 10c; ½ oz., 15c; oz., 25c; 2 oz., 40c; ¼ lb., 65c; lb., $2.25.**

EARLY FLAT DUTCH.

A sure header, weighing from 10 to 12 lbs., of even size, and solid. They mature about as early as Early Summer, and stand long without bursting. This is one of the best of the second early kinds. **Pkt., 5c.; ½ oz., 12c.; oz., 20c.; ¼ lb., 50c.; lb., $1.70.**

VAUGHAN'S ALL SEASONS.
Fine Medium Early.



GLORY OF ENKHOUSEN.

CABBAGE

Our Cabbage Seed is grown from extra selected heads and all varieties are of the grade that the most critical market gardeners' trade requires.

EARLY SORTS—Flat and Round.

GLORY OF ENKHOUSEN.

This is a comparatively new Cabbage from Holland. Vaughan's Seed Store has sold it for several years now, and the variety gives excellent satisfaction. In season, Glory of Enkhousen is one of the earliest of the flat sorts; size, medium, but very firm and solid—a most desirable variety for home and market use; the flavor is good, the leaves being very fine ribbed. The outer leaves are globe shaped, permitting close planting. On account of its solidity, this variety keeps much longer than the ordinary early kinds. **Pkt., 10c; ½ oz., 20c; oz., 35c; 2 oz., 60c; ¼ lb., $1.00; lb., $3.50.**

SUCCESSION.

Similar to Early Summer, and about ten days later. The heads are more flat and considerably larger. An excellent keeper. **Pkt., 5c; ½ oz., 12c; oz., 20c; ¼ lb., 60c; lb., $2.00.**

20th CENTURY CABBAGE.

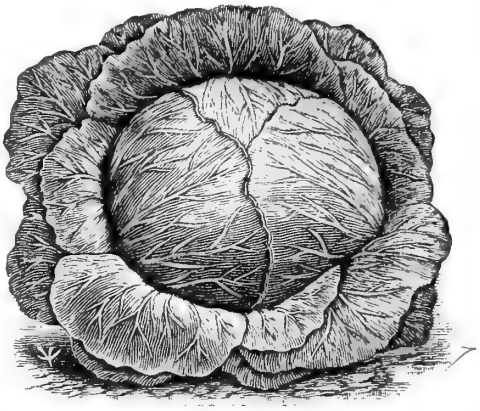
An improvement on Early Spring. The heads are round and solid as a cannon ball, and earlier than any other flat sort. They grow more compactly, thus yielding a much larger crop than either Wakefield or Winnigstadt, the oblong varieties. **Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., 85c; lb., $3.00.**

EARLY SPRING.

It is of the type of the Early "Allhead," resembling it in habit of growth, but is smaller and is nearly as early as the Wakefield. It is round in shape, slightly flattened, very solid, even before the Cabbages attain their mature size. **Pkt., 5c; ½ oz., 12c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; lb., $2.25.**

DANISH SUMMER BALL-HEAD or ROUNDHEAD CABBAGE.

The Danish Summer Baldhead Cabbage is taking the place among the early that the Danish Ballhead and Roundhead hold among the late varieties. It is a second early, extremely hard, long keeping and of superb quality. An almost sure header in the home garden even on poor soil. Very closely resembles the Winter Ballhead except that it is smaller. It has a trace of curliness on its outer leaves and a delicate flavor that suggests Savoy blood. In our Cabbage trials this variety has been second to none in its class. **Pkt., 10c; ½ oz., 15c; oz., 30c; 2 oz., 50c; ¼ lb., 80c; lb., $3.00.**



EARLY SUMMER.

EARLY SUMMER.

In season, following the Wakefields. The heads are of fair size, round, with a peculiar bluish tinge. The outer leaves are quite large. **Pkt., 5c; ½ oz., 12c; oz., 20c; ¼ lb., 60c; lb., $2.10.**

FOTTLER'S IMPROVED BRUNSWICK DRUMHEAD.

A dwarf growing sort with very large heads, coming in considerably earlier than Premium Flat Dutch. Good for both winter and second early use. A very fine sort for Market Gardeners. **Pkt., 5c; ½ oz., 12c; oz., 20c; ¼ lb., 50c; lb., $1.60; by express, 5 lbs., $7.00; 10 lbs., $13.00.**

LOUDERBACK'S "ALL YEAR."

A very early and hardy round head Cabbage Stands extremes of climate, the hottest sun and the heaviest frost, better than almost any other variety. Heads are very hard and of good quality. A favorite around Philadelphia. **Pkt., 5c; ½ oz., 12c; oz., 20c; 2 oz., 35c; ¼ lb. 60c; lb., $2.10.**

LATE OR MAIN CROP SORTS.

VAUGHAN'S PREMIUM FLAT DUTCH.

We recommend this sort for markets that require a large, very solid head. No cabbage is so universally grown as this because the seed may be sown in the open ground, and the young plants raised without the use of hot-beds. For heading, eveness of crop and size, our A1 strain of this cannot be surpassed. **Pkt., 5c; ½ oz., 12c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; lb., $2.00; by express, 5 lbs., $9.00; 10 lbs., $16.00.**

VAUGHAN'S IMPROVED LATE PREMIUM FLAT DUTCH.

LATE FLAT DUTCH.

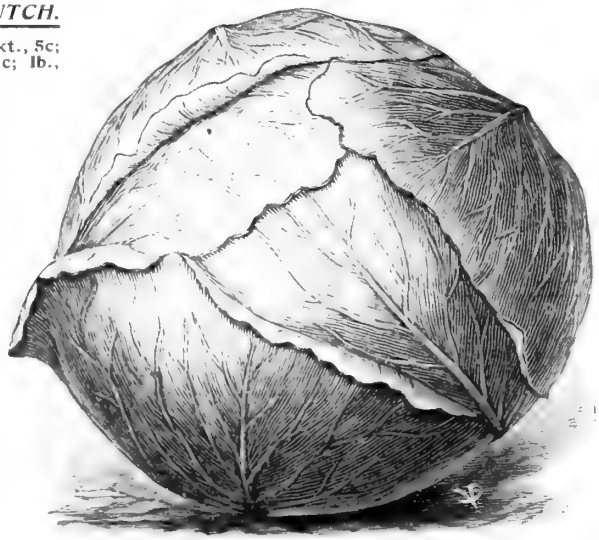
Ordinary Stock. **Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., $1.50.**

> Toleston, Ind.
> The Enkhousen Cabbage turned out fine, and I like it better than the Early Express.
> L. K. BUSE.

DANISH BALL-HEAD.

Vaughan's Select Stock. The most popular of all late varieties for Winter use. Genuine seed grown on Amager Island, Denmark.

Because of its "great solidity" of head, and its unequalled keeping and shipping qualities, Danish Ball-Head has supplanted nearly all other varieties for winter use. Many trials have demonstrated the superiority of the Danish seed of this variety over that grown in other countries and localities. The Ball-Head we offer is the tall stemmed strain, to be distinguished from the short stemmed "Hollander," or the Dwarf Amager, the Danish grown strain of Hollander. The heads are of excellent market size—not too large. They are very hard, almost round, fine grained, and will weigh one-fourth more than other varieties of equal size. There is no higher bred cabbage seed than the strain we offer. **Pkt., 10c; ½ oz., 15c; oz., 30c; 2 oz., 50c; ¼ lb., 85c; lb., $3.00; by express, 5 lbs., $13.00; 10 lbs., $25.00.**



DANISH BALL-HEAD.

Late or Main Crop.	CABBAGE.	Vaughan's Sure Heading.

This is the Standard Shipping Sort from the Chicago Market.

VAUGHAN'S BRIDGEPORT DRUMHEAD.

The best large Fall shipping Cabbage in existence. Our strain of this Cabbage, of which we are the introducers, has been selected by us for twenty years, and the original type has not only been kept up, but improved, so that a field of them is more uniform than any other sort. The quality is fine for slicing, for kraut, in fact, for general table use is unsurpassed. **Pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 oz., 45c.; ¼ lb., 70c.; lb., $2.50; by express, 5 lbs., $11.00; 10 lbs., $20.00.**

SURE HEAD. This sort produces large, round flattened heads which are of uniform size, very hard and of fine texture, and weigh from 10 to 15 pounds. It is a good keeper and shipper, of fine quality and certain to head, even in the most unfavorable seasons. A general favorite with gardeners or large growers. **Pkt., 5c; ½ oz., 12c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; lb., $2.10.**

THE LUPTON. The heads are particularly large in proportion to the plant, which is a strong grower, but does not spread out much. It is one of the best keepers and comes out in the spring bright and fresh. Our seed grown by the originator, will produce Cabbage of the best type. **Pkt., 5c; ½ oz., 12c; oz., 20c; ¼ lb., 55c; lb., $1.90.**

LUXEMBURG, or HARD HEAD. Makes a good sized hard head, very heavy, and has remarkable keeping qualities for burying over winter. Very profitable for late Spring sales after other sorts are gone, often bringing high prices. Not desirable in moist climates. **Pkt., 5c; ½ oz., 12c; oz., 20c; ¼ lb., 60c; lb., $2.00; by express, 5 lbs., $9.00; 10 lbs., $17.00.**

THE HOUSER. The heads are large and very solid, averaging 10 to 12 lbs. They grow very compact, free from spreading leaves, allowing closer planting than other sorts. This variety varies somewhat in shape. **Pkt., 10c; ½ oz., 15c; oz., 25c; 2 oz., 40c; ¼ lb., 75c; lb., $2.60.**

DUTCH WINTER or HOLLANDER.

The best Cabbage for late spring sales and for shipping. This has become known in the past eight years as the most reliable Cabbage for the shipping trade, and has been almost universally used in districts famous for Cabbage growing, such as Racine, Wis., Central New York, Michigan districts and others. The heads are of medium size, averaging about 8 lbs., and are very solid, and in their fine white color entirely distinct from other kinds. While the quality is good they are uniformly excellent keepers, the heads being often just as solid and perfect when taken out in the Spring as when put away in the Fall. No Cabbage will sell against it. **Dutch Winter or Hollander Cabbage, Vaughan's Extra Selected Stock. Pkt., 10c; ½ oz., 15c; oz., 25c; 2 oz., 40c; ¼ lb., 75c; lb., $2.60; by express, 5 lbs., $10.00; 10 lbs., $18.75.**

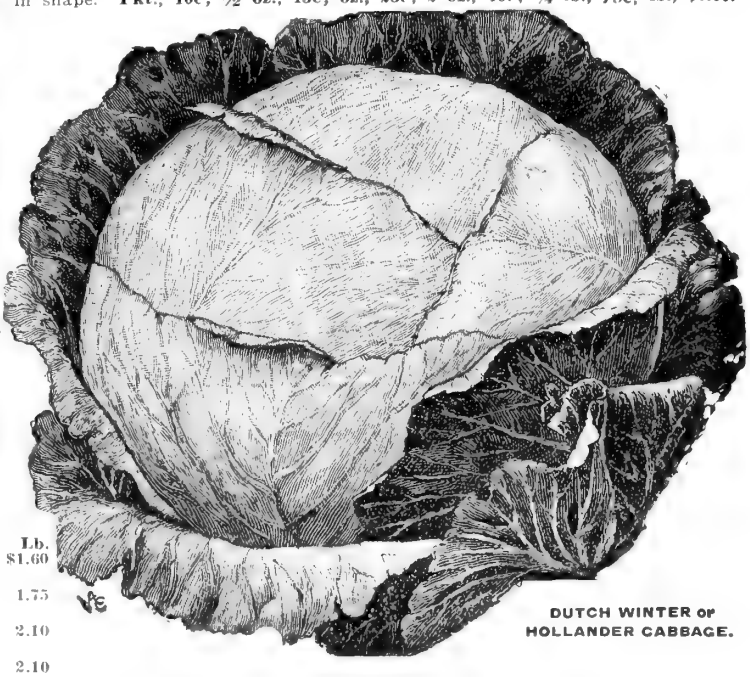
DWARF AMAGER, or Short-Stemmed Danish Ballhead.

A variety which is very similar to Dutch Winter or Hollander—so nearly so it is almost impossible to tell the difference. This seed we import direct from Amager Island, Denmark. **Pkt., 10c; ½ oz., 15c; oz., 25c.; 2 oz., 40c; ¼ lb., 75c; lb., $2.60. By express, 5 lbs., $10.00; 10 lbs., $18.75.**

OTHER GOOD VARIETIES.

ANY OF THE FOLLOWING: Pkt., 5c.

	Oz.	¼ lb.	Lb.
LARGE LATE AMERICAN DRUMHEAD. A selected strain of this standard Winter cabbage	$0.15	$0.50	$1.60
AUTUMN KING. Similar to Flat Dutch with ruffled outer leaves	.20	.50	1.75
IMPROVED STONEMASON. A large, solid, late Drumhead. Popular in certain sections	.20	.60	2.10
LOUISVILLE DRUMHEAD. Another strain of Drumhead. Very compact, short stemmed. Semi-flat and good quality	.25	.60	2.10
MARBLEHEAD MAMMOTH DRUMHEAD. Late. About the largest cabbage grown. Popular with gardeners	.20	.55	1.80



DUTCH WINTER or HOLLANDER CABBAGE.

RED CABBAGES.

(SEE ALSO NOVELTIES.)

MAMMOTH ROCK RED. The best large Red Cabbage. A sure header, of good red color to the center. **Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 65c; lb., $2.25.**

ZENITH. A very fine medium early sort. Not large, good quality and fine color. (New) **Pkt., 10c; ½ oz., 20c; oz., 30c; 2 oz., 55c; ¼ lb., $1.00; lb., $3.50.**

VAUGHAN'S BLACK DIAMOND.
A new second season black red variety. Head medium large, very firm, leaf rib, thin and small; few outer leaves. Pkt., 10c; ½ oz., 20c; oz., 30c; 2 oz., 55c; ¼ lb., $1.00; lb., $3.50.

OTHER SORTS.

EXTRA EARLY DARK RED ERFURT, DARK RED DUTCH, RED DRUMHEAD. — **Pkt., 5c; ½ oz., 12c; oz., 20c; ¼ lb., 50c; lb., $2.**

MARVIN'S SAVOY CABBAGE.

SAVOY CABBAGES.

These are the best of all Cabbages as regards quality and flavor. Blistery leaves gives them a strange appearance. However, once planted they are always sown again the next season.

IRON HEAD SAVOY. Best of the early sorts. Round head, large and solid. Quality excellent. **Pkt., 10c; ½ oz., 12c; oz., 20c; ¼ lb., 55c; lb., $2.00.**

MARVIN'S SAVOY. A large solid head, very curly. An almost sure header and the most popular of this class. **Pkt., 5c; ½ oz., 12c; oz., 20c; ¼ lb., 55c; lb., $2.10.**

EARLY ULM SAVOY. A very early sort. **Pkt., 5c; oz., 20c; ¼ lb., 70c; lb., $1.85.**

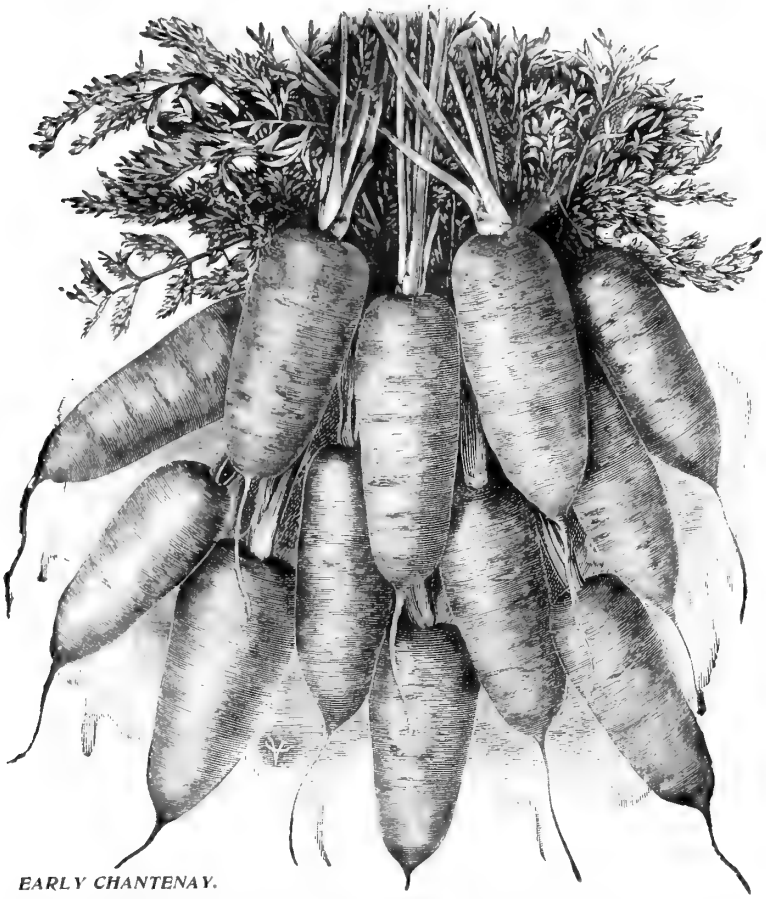
ALL HEAD SAVOY. Conical head. Very early. Early and solid. **Pkt., 10c; ½ oz., 20c; oz., 30c.**

NEW COLOSSAL. IMPROVED AMERICAN. — Standard Main Crop Sorts. **Pkt., 5c; ½ oz., 12c; oz., 20c; ¼ lb., 55c; lb., $2.00.**

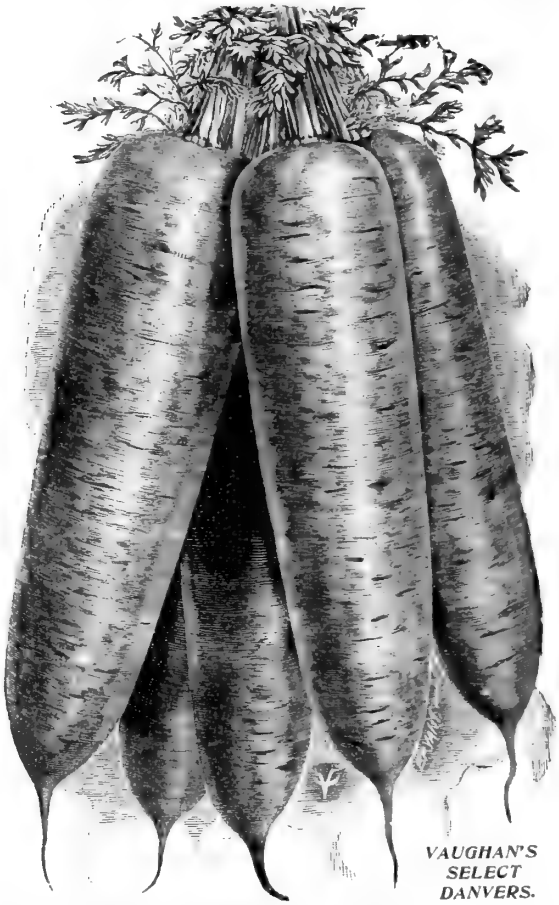
CARROTS.

FOUR POUNDS TO THE ACRE.

Carrots require a deep, well worked soil. For home-use and early bunching the Chantenay, Nantes and Oxheart are the best; for general crop, our selected Danvers; while for feeding, the Mastodon and Belgians (see page 25), yield the largest crops. For shape, the carrots run as follows: Early Scarlet Forcing, the earliest and nearly round; Early Short Scarlet, next in season, about three inches long; Oxheart, Nantes and Chantenay follow, these being the best quality, running from four to six inches; Selected Danvers is a little longer, and Long Orange the longest of all.



EARLY CHANTENAY.



VAUGHAN'S SELECT DANVERS.

EARLY CHANTENAY, The Best Bunching Carrot.

This is the best early Carrot in existence, one which market gardeners should plant for their main early crop. The Carrots grow about six inches long, are stump rooted, very smooth, deep red, fine grained, sweet and sugary, and not apt to crack open while growing. An excellent table sort and a heavy cropper. Our seed is most carefully selected. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c; 5 lbs., $3.50.**

Our Carrot Seed is raised by experienced and careful growers who know the importance of selection and isolation, and practise it. They run even and true to type. There is an immense superiority in our stocks over the cheaper California grown seed.

Very Early Scarlet Forcing. (French Horn.) **The Earliest and Best Variety for Forcing.** The reddish-orange colored roots are nearly round. When matured they are about two inches in diameter, but should be used before they are full-grown, when they are tender and delicious. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 90c.**

Early Short Scarlet. (Dutch Horn.) Larger than French Horn and almost as early, stump rooted, one and one-half inches thick and about three inches long, fine grained and sweet flavored. Color, deep rich orange; best for bunching. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 90c.**

GUERANDE, OR OXHEART.

A thick Carrot, 5 inches long and very blunt at the lower extremity. It grows very rapidly and the roots attain a weight of more than a pound. It is tender, of good flavor and of a deep red color, and is a variety we can recommend for the home garden, as well as to all market gardeners. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 90c; postpaid; 5 lbs., by express, $3.50.**

Vaughan's new Carrot, Chicago Forcing is the finest of all early sorts. (See novelty pages.) **Pkt., 10c; oz., 20c.; ¼ lb., 50c.**

GUERANDE, OR OXHEART.

VAUGHAN'S SELECTED DANVERS.

The Best Carrot for Every Purpose. The Best Strain of this Famous Sort.

For over 20 years we have sold this selected stock, and we never have enough seed to supply the demand. All the gardeners in Chicago know it, and plant no other if they can gets ours. It is the most uniform in existence, always of good color, a splendid yielder and of excellent flavor. It is one of the easiest Carrots to harvest, will yield more tons to the acre than any other. We are proud of being the owners and distributors of this carrot. It is one of the specialties which has made Vaughan's Seeds synonymous with "Best Seeds." **Pkt., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., $1.25; 5 lbs., $5.00.**

Nantes Half Long, Early. **The sweetest of all Carrots,** is of good shape and size. The leaves are fine, the roots are almost cylindrical, very smooth, and grow about six inches long; the flesh is entirely red, very sweet and almost entirely without a core. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 85c.**

Half Long Danvers. This is the stock usually sold by seedsmen. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c, postpaid. By express, lb., 65c; 5 lbs., $3.00.**

Improved Long Orange.

A well-known sort, roots long, thickest near the crown, tapering regularly to a point, color deep orange. It is a good keeper of fine quality for winter use, and extensively grown for stock feeding. **Pkt., 5c; oz., 10c; ¼ lb. 20c; lb., 65c; by express, 5 lbs., $2.40.**

Vaughan's Vegetable Introductions.

Asparagus, Bonvallet's Giant; Cabbage, Bridgeport Drumhead; Carrot, Danvers Selected; Celery, Giant Golden Heart; Cucumber, Chicago Pickle; Cucumber, Vaughan's Forcing; Musk Melon, Osage; Musk Melon, Paul Rose; Onion, Apple Shaped Red Globe; Potato, White Ohio; Radish, Crimson Giant; Water Melon, Jones Jumbo, and many other Vegetables now in general use.

CARROTS FOR STOCK.

The Mastodon, Long White Green Top and Orange Belgian, etc. See next page.

CARROTS AND BEETS FOR STOCK FEEDING.

HALF SUGAR MANGEL.

Root crops for stock feeding are undervalued in the United States and ought to be far more generally grown than they are at present. The feeding value of roots is directly proportioned to their dry matter content. One pound of this dry matter has a feeding value of about one pound of cereal grains when fed to cattle. Roots, besides, are very digestible. Dry matter in root crops usually runs from 10 to 14 per cent. A low yield of roots per acre is 20 tons, a little over 2 tons of dry matter. This is equal in feeding value to a yield of 65 bushels of corn. The extra work in tillage in raising a root crop makes the cost per acre a little more than grain, so that, roughly speaking, when corn meal is $10.00 per ton it does not pay to raise roots. However, when it is $20.00 per ton, root crops are much the cheaper. A certain ratio of grain must always be fed with roots because the high per cent. of water in the latter prevents the use of too large a quantity for feeding.

FEEDS AND FEEDING.

A new and valuable book on the subject by Prof. Henry of the Wisconsin University. **$2.00,** postpaid.

CARROTS AND MANGELS.

These crops discussed fully by Prof. James J. H. Gregory. Paper, **30c,** postpaid.

MANGELS, OR STOCK BEETS.

The main essential for raising this crop is a well-prepared seed bed. In preparing seed bed, plow deep, and then pulverize finely. Sow six pounds to the acre. Enormous yields have been recorded on carefully prepared land; forty to fifty ton crops are not at all uncommon. Mangel is a surer crop than any other root. This vegetable ripens after harvest, and feeding generally begins about January 15th. Mangels give one-third greater increase of milk in feeding cows, than does the same weight of potatoes.

Vaughan's Mammoth Long Red. This is the most productive Mangel variety, yielding enormously. Crops as high as forty to sixty tons to the acre have been produced, and a single root often weighs twenty to thirty pounds. It grows well above the ground, and is easily pulled. Our stock shows a very good percentage of dry matter, and has been carefully selected for large, thick roots. **Oz., 5c; ¼ lb., 15c; lb., 35c; by express, 5 lbs., $1.25.**

Half Sugar Mangel. The roots of this new variety are valuable for their very high dry matter content, being, pound for pound, nearly equal to the best strains of sugar beets. Besides which, they are more succulent in feeding than the latter. Moreover, as they grow out of the ground, they are much more easily harvested than are sugar beets. **Oz., 5c; ¼ lb., 15c; lb., 35c; by express, 5 lbs., $1.25.**

Giant Eckendorf. This is the most popular German variety of Mangel. In Germany is more largely planted than any other sort. Selected especially for a square, chunky type, it is valuable not only for its high percentage of dry matter, but also for its phenomenal yields. Roots weigh as high as fifteen and twenty-five pounds apiece. They grow cylindrical in shape and are yellow. As the greatest portion of the root grows above the surface of the soil, they are easily harvested, and their chunkiness prevents their breakage in handling. This is one of our best varieties. **Oz., 5c; ¼ lb., 10c; lb., 35c; by express, 5 lbs., $1.25.**

Golden Tankard. This is the best known yellow Mangel. It is a very distinct variety, and contains probably the largest percent of dry matter of any of the Mangels. It is cylindrical in shape, and easily pulled; very hardy, and a good yielder. **Oz., 5c; ¼ lb., 15c; lb., 45c; by express, 5 lbs., $1.25.**

Giant Yellow Intermediate. Root is ovoid, between the shape of the long and the globe variety. Flesh white, firm and has a good percent of sugar. Much liked by cattle. **Oz., 5c; ¼ lb., 15c; lb., 30c; by express, 5 lbs., $1.10.**

Champion Yellow Globe. An old standard variety, much planted in England. Skin yellow, flesh white and solid. **Oz., 5c; ¼ lb., 10c; lb., 30c; by express, 5 lbs., $1.10.**

MANGEL GIANT ECKENDORF.

CARROTS.

Carrots are well liked by all classes of stock. Their feeding value also is high. They are especially valuable for horses and may be fed alternately with oats. The stables of the largest and best teams in the large cities feed carrots once a day all winter and spring. "Horses, like human beings, require a variety of food and thrive best upon a ration that involves a change of diet." Carrots require a deep, well pulverized soil, fairly free from weeds. There are short varieties for shallow soil and long kinds for deep soil. Sow 5 to 6 pounds per acre.

Improved Long Orange. A well-known sort; roots long, thickest near the crown, tapering regularly to a point; color deep orange. It is a good keeper of fine quality for winter use and extensively grown for stock feeding. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 65c; by express, 5 lbs., $3.25.**

The Mastodon. This is the heaviest cropping Carrot grown, yielding more tons to the acre than any other sort. The flesh is white, solid, crisp and very sweet; the roots are short and very heavy at the shoulder, which allows them to be harvested very easily. They do not break easily in pulling or storing, owing to their solidity and shape. One of the most profitable Carrots; liked by both cattle and horses. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c, postpaid; by express, 5 lbs., $3.25.**

Vaughan's Half Long Danvers. This is a broad-shouldered Carrot, cylindrical in shape, stump rooted, of excellent color, best flavor, and a most wonderful producer. Ready in about 65 days from the time of sowing. It is not only one of the best for the table, but owing to its shape, size and great yield, and the fact that it is so easily harvested, one of the best for stock. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c; by express, 5 lbs., $3.25.**

Long White Belgian. A variety with long slender root about one-third of which grows above the surface of the ground, thus making it easy to pull. It is very productive, highly nutritious and a good keeper. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c; by express, 5 lbs., $2.00.**

Long Orange Belgian. This sort is very similar to the white Belgian except in color. Its strong point is its keeping quality, making it of especial value for late feeding. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c; by express, 5 lbs., $2.00.**

Our carrot seed is hand rubbed and raised from roots carefully sorted to type. Cheap seed is raised from field run roots.

SUGAR BEETS.

The growing of Sugar Beets in the United States has become one of our most important industries. Our seed is from the best growers who select all their beets by laboratory tests from high sugar content. Our seeds will raise beets with a much higher percentage of sugar than seed ordinarily offered. They are also superior for stock feeding, as they are very high in dry matter content.

Vilmorin's Imperial. An improved French variety, exceedingly rich in sugar. Under average conditions it has yielded 14 tons of roots to the acre, containing about 16 per cent of sugar. **Oz., 5c; ¼ lb., 15c; lb., 35c; 10 lbs., by express, $2.60.**

For Rutabagas (Swedes) see page 56.

IMPROVED LONG ORANGE CARROT.

SUGAR BEETS.

Klein-Wanzleben. This kind is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight and even, quite large at the head and rapidly tapering. It is easy to dig, and is a heavy yielder. **Oz., 5c; ¼ lb., 15c; lb., 35c; 5 lbs., by express, $1.25.**

French Red Top Sugar.

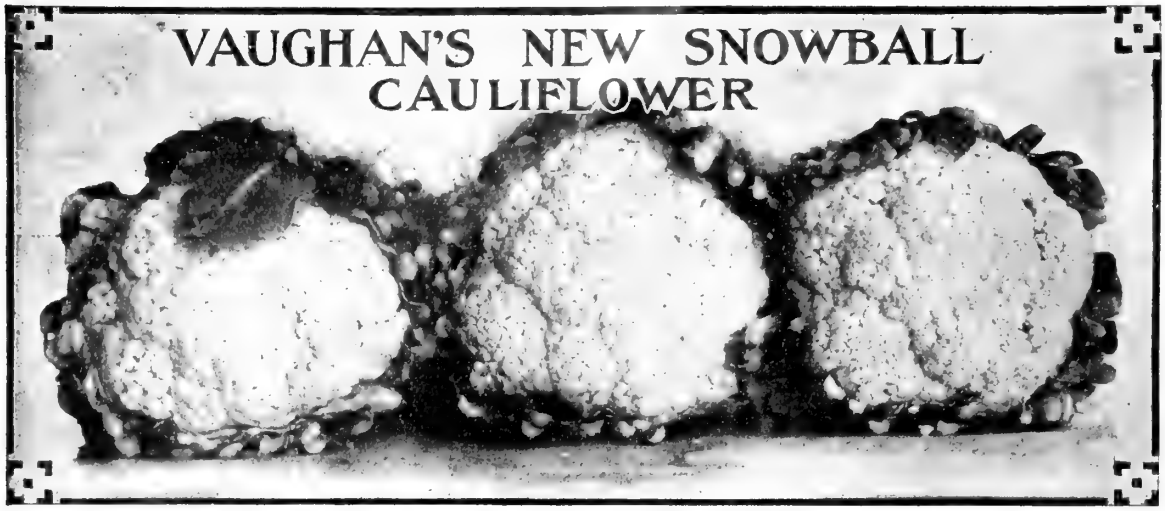
Combines with heavy yield a good percentage of sugar. It is very hardy and productive, yielding about twenty tons to the acre. A most desirable sort for stock. **Oz., 5c; ¼ lb., 15c; lb., 30c; 10 lbs., by express, $2.40.**

Lane's Improved. Heavy yielder, flesh snow white. **Oz., 5c; ¼ lb., 10c; lb., 30c; 5 lbs., by express, $1.20.**

Cauliflower seed is probably the most important and exacting of all vegetable seeds. No gardener can afford to plant doubtful stock at any price. Our Cauliflower seed is proven, and in many cases we can furnish stock of the previous season which has been tried for quality and therefore is absolutely certain to be good.

CAULIFLOWER.

See Also Novelties.



THE seed of this strain was saved with the greatest care only from perfectly developed heads, which yield but little seed. Good Cauliflower seed is always high in price; cheap Cauliflower is a poor investment, because it cannot be good.

The best seed of this type of Cauliflower comes from Amager Island, near Copenhagen, Denmark. There the winters are mild, causing little loss from rot in the seed heads, and the cool, moist summers give ideal growing conditions for this vegetable. Available ground is scarce and value high, so intensive culture is necessary. Vaughan's Snowball is the result of years of careful selection by an experienced and most painstaking gardener, under these conditions.

Vaughan's New Snowball Cauliflower.

The best general purpose variety either for Spring or Fall planting.

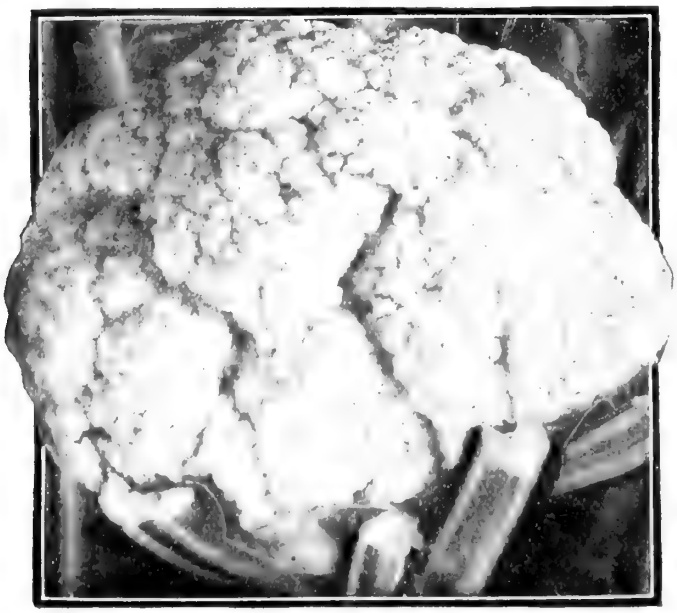
Vaughan's New Snowball Cauliflower is a specialty of our house. It is on such particular seed as Cauliflower, in which the least variance from the true strain results in great injury to the grower, that a seed house builds up its reputation. We know our Cauliflower is the equal of anything that can be produced. In our trial ground tests we have tried nearly every strain of cauliflower offered on the market and, while we have found a few equals, we have never found a superior to Vaughan's Snowball. We pay more for our seed than probably does any large seed house in the United States just so that we can have it as near perfection as it is possible for man to grow it. High bred Cabbage and Cauliflower does not germinate as well as less carefully bred strains. Nevertheless we have taken such pains to reclean and re-shift our seeds after receiving them from the grower that our seed is always up to standard of growth. Head usually 9 to 10 inches across, perfectly white and very solid, deep and compact.

Vaughan's New Snowball Cauliflower is put up in packages as follows: Pkts., ¼ oz., ½ oz., 1 oz. and ¼ lb., sealed with our trade mark and with distinctive paper and printing.

Pkt., 25c; ¼ oz., 75c; ½ oz., $1.50; oz., $2.50; ¼ lb., $9.00; lb., $32.00.

DRY WEATHER CAULIFLOWER.

During some seasons, especially like the past year, after a very late Spring, hot weather comes on very quickly; in such a year this variety has proven itself of exceptional merit. Also in warm parts of the country where there is not much cool weather, it is a most desirable sort. Very sure heading and second early. Heads larger than Snowball and snow-white. Our seed is A1 and procured from the original grower in Denmark. Where a large acreage is planted, there should be at least a portion of it in this variety. **Pkt., 20c; ¼ oz., 75c; oz., $2.50; ¼ lb., $8.50.**



DRY WEATHER CAULIFLOWER.

VAUGHAN'S EARLIEST DWARF ERFURT.

Most desirable for forcing and for first planting in the open ground. This is a thoroughbred strain of this popular variety. It is a trifle earlier than Snowball and dwarfer, otherwise quite similar. This seed will produce cauliflower the equal of any on the market. Good strains of this seed have a 50 to 60 year pedigree. They are so high bred that it is very seldom that the plants average a good seed crop, hence the best seed is always dear and scarce. Our seed is from a famous grower whose strain is unexcelled. **Pkt., 25c; ¼ oz., 75c; oz., $2.50; 2 oz., $4.50; ¼ lb., $8.50; lb., $30.00.**

DANISH SNOWBALL, (*Vaughan's Special.*)

This is a grand second early, slightly later than Vaughan's New Snowball. It is the result of long, careful selection and produces even, regular heads. Through the many seasons that we have sold this, it has proven itself reliable and gardeners may trust it every time. Sold by some seedsmen as Early Snowball. It is not so early, nor does it run quite so evenly as does Vaughan's New Snowball. **Pkt., 10c; 3 pkts., 25c; ¼ oz., 40c; oz., $1.50; 2 oz., $2.75; ¼ lb., $5.00; lb., $20.00.**

EARLIEST OF ALL (*See Page 4 Novelties.*)

This is a Danish forcing variety of Snowball, slightly smaller and 10 days to 2 weeks earlier than Early Snowball, very short leaved, desirable for frames and in the open ground where early market is sought. Also a very sure heading variety for the amateur. **Pkt., 25c; 3 for 60c.**

EXTRA EARLY PARIS. Very dwarf and early, heading first class. **Pkt., 5c; ½ oz., 25c; oz., 50c; ¼ lb., $1.50; lb., $6.00.**

HALF EARLY PARIS. Slightly larger and later than above. **Pkt., 5c; ½ oz., 25c; oz., 50c; ¼ lb., $1.50; lb., $6.00.**

LENORMAND'S SHORT STEM. Bears large white heads on short stems. **Pkt., 5c; oz., 50c; ¼ lb., $1.85.**

EXTRA EARLY, or SECOND ERFURT. A very fine strain, producing large, white, firm heads; close and of excellent quality. **It is dwarf, extra early and always certain to head;** for early or late. We sell this largely to gardeners, who prefer it to Snowball. **Pkt., 10c; ¼ oz., 50c; oz., $1.50; ¼ lb., $5.00.**

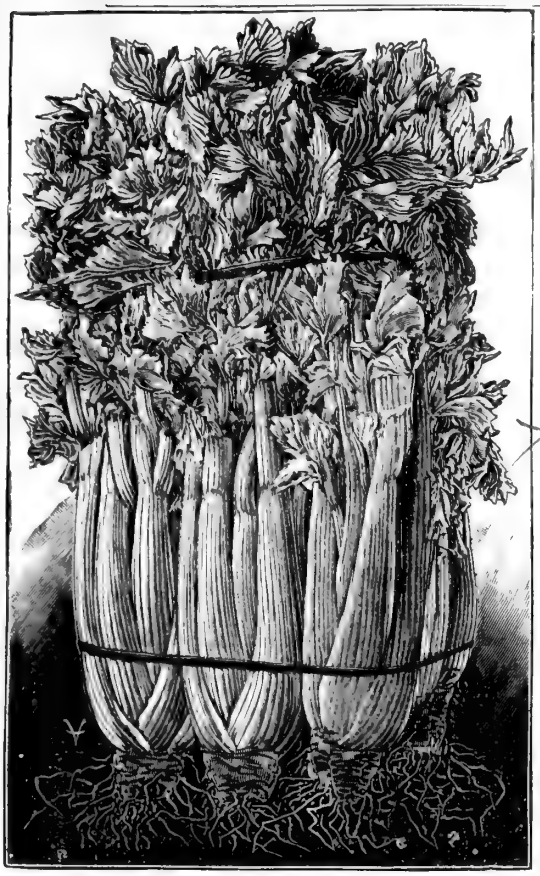
LARGE EARLY ERFURT. This is a vigorous growing variety with large, white, firm heads. It is the very best sort for a second crop. **Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., $2.50.**

CAULIFLOWER PLANTS.

For people who have not hot beds or who are late planting, we grow large quantities of all sorts of vegetable plants. (See page 137.)

"Cabbages and Cauliflower."

is the title of a very valuable treatise on the growing of these two articles, by James J. A. Gregory. Sent postpaid for 30c.



GOLDEN SELF-BLANCHING.

Fashions change. Growers now understand that, while the White Plume type of Celery is as popular as ever for home use, there is an increasing demand in the market for the yellow or golden-hearted sorts.

WHITE PLUME, Vaughan's Selected Stock.

CELERY.

NEW CELERY.
CHICAGO GIANT SELF-BLANCHING.
A GRAND NEW WHITE.
SEE NOVELTY PAGE 5.

GOLDEN SELF-BLANCHING—Vaughan's Selected Stock.

THIS is the best Celery for early use. This variety is now the leading sort in all markets as an early Celery. The stalks are much broader and heavier than those of the **White Plume,** and greatly superior in quality. It is ready for use nearly as early, producing dwarfer and much larger bunches of broad, heavy stalks, blanching to **a deep golden yellow.** The handsome color, crispness, tenderness, freedom from stringiness and nutty flavor of this variety make it only necessary to be tried in order to establish it as the **standard of excellence as an early sort.** We can furnish a limited amount of seed grown by the introducers in Paris, while our Regular stock is grown from the above strain, selected and reselected for years with the utmost care, and same can be thoroughly depended upon to be as good as the best strain in the market.

VAUGHAN'S SELECTED STOCK. Pkt., 10c.; ½ oz., 20c.; oz., 35c.; 2 oz., 60c.; ¼ lb., $1.00; lb., $3.50.

GOLDEN SELF-BLANCHING. Regular Stock. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; 2 oz., 45c.; ¼ lb., 75c.; lb., $2.60.

VAUGHAN'S GIANT GOLDEN HEART.

The best Celery for winter storage. Ever since we introduced this Celery it has gained in public favor and rightly so, for it is not only the best keeper, but **it is large, solid, as sweet as a walnut and of a beautiful golden color.** It is a selection from the Dwarf Golden Heart, grows much larger than its parent, but otherwise possesses all its excellent qualities. **Pkt., 10c; ½ oz., 15c; oz., 25c; 2 oz., 40c; ¼ lb., 75c; lb., $2.65.**

"WINTER QUEEN."

This is without doubt the most valuable variety of celery for winter and spring use ever introduced, even excelling the celebrated Perfection Heartwell as a late winter keeper. It is also much stouter, thicker and heavier, with **double the amount of heart of any known Celery.** The plant is beautiful in appearance, of close habit and compact growth, and blanches to a beautiful cream white. Ribs perfectly solid, crisp and of a delicious nutty flavor. It is worthy of first place as a late celery, and will keep longer than any other variety. Grow Winter Queen once and you will always grow it. **Pkt., 10c; ½ oz., 15c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; lb., $2.25.**

NEW CELERY, SNOW WHITE.

A pure white, self-blanching variety without a rival in purity of color. In vigor of growth, ease of blanching, size, richness of flavor, crispness and purity it is ideal. **It grows solid** on all kinds of soil; **keeps better** than many standard varieties. Single stalks sometimes weigh 2½ pounds and quite frequently 3 pounds each. **Pkt., 10c; ½ oz., 15c; oz., 25c; 2 oz., 40c; ¼ lb., 75c; lb., $2.50, postpaid.**

WHITE PLUME.

VAUGHAN'S SELECTED STOCK.

Vaughan's Selected Stock. This sort is too widely known to require an extended description. We will only say that we have not yet found a Celery that is as early and of as good a flavor, as crisp and tender as our selection of this sort. We sell large quantities of this seed to market gardeners, who find it **uniformly white and free from green or hollow stalks.** It is not a good keeper, but it is excellent for fall and early winter use. **Pkt., 5c; ½ oz., 12c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; lb., $2.10. By express, 3 lbs., $5.00; 5 lbs., $8.00.**

WHITE PLUME. Regular Stock. Pkt., 5c; ½ oz., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., $1.50.

VAUGHAN'S DWARF GOLDEN HEART.

A fine long keeping golden dwarf celery. The heart is large, surrounded by a shapely solid stalk. After storing the heart blanches a beautiful golden, is unsurpassed in quality and is so large that little trimming is required for market. In many celery growing sections this variety is planted almost exclusively. **Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 40c; lb., $1.50, postpaid.**

GIANT PASCAL.

One of the best for fall and winter use. It is a selection from the Golden Self-Blanching, and adds to the general good quality of its parent superior keeping qualities. The stalks are **very large, solid,** crisp and of a rich, nutty flavor. **It blanches very easily** and quickly. The heart is golden yellow, very attractive. **Pkt., 5c; ½ oz., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., $1.50, postpaid.**

OTHER STANDARD KINDS.

Prices of these kinds: Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 40c; 1 lb., $1.50, postpaid.

PERLE LE GRAND. A popular, extra large, fine green celery, for both early and late use. A fine winter keeper.

EVANS' TRIUMPH. One of the best late sorts. Excellent quality and good keeper.

ROSE RIBBED GOLDEN SELF-BLANCHING (Golden Rose). A sort of Golden Self-Blanching, possessing all its good qualities. The ribs assume a deep warm, rosy hue. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.60.**

PERFECTION HEARTWELL. Magnificent, large, golden-yellow heart, of very superior quality; excellent winter market sort. Popular in New York.

SCHUMACHER. Immense size; solid, crisp; firm golden-yellow heart; a fine keeper; very popular in Philadelphia and New York markets.

FAR SUPERIOR "MANY HEART." Late; very large and fine; popular in Philadelphia.

BOSTON MARKET. White and solid; very dwarf; crisp and tender.

CRAWFORD'S or HENDERSON'S HALF DWARF. Solid yellowish-white, nutty.

GIANT WHITE SOLID. Of tall, large size; very solid; pure white.

NEW ROSE. The best red celery; solid, crisp and ornamental.

KALAMAZOO. Half-dwarf; white and solid.

PINK PLUME. Similar to White Plume. Stalks are tinged with pink. **Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., $2.10.**

SOUP or FLAVORING CELERY. (Old Seed.) Used for flavoring soups, stews, etc. **Oz., 5c; ¼ lb., 12c; lb., 30c.**

SOUP CELERY or SMALLEGE. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.50.

What Others Say:

"Please send 2 pkts. **Chicago Giant Self-Blanching Celery,** the same as I received from you last. This is the finest Celery I ever grew; it is all you claim of it."

John Manhan, Supt. for
H. B. Auchincloss, Esq., Newport, R. I.

VAUGHAN'S CELERY MANUAL.

By a practical grower of 20 years' experience, revised and published by J. C. Vaughan. **Price, postpaid, 50c.** Will be sent free with a Celery Seed order of $3.00, or with any general order for other seeds amounting to $5.00, if requested.

VAUGHAN'S VEGETABLE COOK BOOK
Tells how to cook and use rarer Vegetables such as are listed on this page. Price, heavy paper cover, **25c**; or free to every customer who buys garden seed to the amount of $2.00 or upwards and asks for same.

USEFUL VEGETABLES.

BRUSSELS SPROUTS. Paris Market.

Double Curled Chervil. Koerbel-Cerfeuil. Similar to Parsley, but handsomer. Excellent for garnishings. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c.**

Chicory. **Large Rooted Madgeburg.** The roots are cut in thick slices, roasted and used for coffee. The leaves in Spring also make a good salad. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., $2.50.**

Witloof Chicory. **French Endive.** One of our most delicious salads, and very easy to grow. (See novelty pages.) **Pkt., 10c; oz., 25c; ¼ lb., 50c; lb., $2.00.**

Collards. **Georgia.** A variety of cabbage used in the Southern States. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.**

Corn Salad. **Mache-Steck Salat.** A most refreshing salad. Is hardy, of use in Winter in place of lettuce. Sow in Fall in cool weather. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., $3.25.**

Dandelion. **Lowenzahn-Dent-de-lion.** There is a growing demand for cultivated Dandelions, which are fast becoming favorite Spring Greens. The thick leaves or cabbage variety we list, is an improvement on the common sorts, being almost double the usual size. **Pkt., 10c; ½ oz., 25c; oz., 50c; ¼ lb., $1.60; lb., $6.00.**

Broccoli. A vegetable similar to Cauliflower, of less delicate flavor, but hardier. Of value in Northern latitudes where Cauliflower does not do well.

LARGE WHITE MAMMOTH. Good white heads. **Pkt., 10c; ½ oz., 15c; oz., 25c.**

PURPLE CAPE. This has purplish heads, and resembles the Algiers cauliflower in habit of growth. **Pkt., 10c; ½ oz., 15c; oz., 25c.**

Brussels Sprouts. These are miniature cabbages formed on the side of stalks. They are of very delicate flavor, and are improved by a touch of frost. The Aphis (Green Bug) bothers them in some localities for which we recommend spraying at regular intervals with some tobacco solution, or kerosene emulsion, or dusting with fine tobacco. A dash of hot soap-suds is sometimes effective. For early Fall use, in the North, sow seed in April, in a hot-bed; transplant to cold frame or a protected place when the first leaves develop. In June set out the young plants in field or garden. They should be ready for use in September. For late use, sow seed in June. Usually a late sowing is less troubled with aphis.

IMPORTED DANISH. A fine variety originating in Denmark. **Pkt., 10c; ½ oz., 25c; oz., 40c.**

PARIS MARKET. Half dwarf. Excellent yielder. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.40.**

IMPROVED DWARF. Dwarf habit, and slightly less liable to aphis than the others. **Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., $1.50.**

Cardoon. Main stalks blanched like celery are used for a salad and in soups. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $2.00.**

Cress or Pepper Grass. **Garten Kresse. Cresson Alenois. Curled Garden.** Much used with lettuce, to which flavor it adds an agreeable pungency. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.75.**

CORN SALAD.

UPLAND CRESS. Has highly prized flavor of watercress. Is green nearly the whole year, and ready for use before any other salad in the Spring. **Pkt., 5c; ½ oz., 15c; oz., 25c.**

Water Cress. **Wasser-Cresse de fontaine.** The pleasant peculiar flavor of watercress makes it one of the most delicate salads for table use. It will grow where there is a good supply of fresh, pure water, and it need not be running water. It can also be grown in tubs of good soil kept in a shady place, provided sufficient water is given it. Cultural directions with each packet of seed. **Pkt., 10c; 3 for 25c; oz., 30c.**

GERMAN CELERIAC, or Turnip Rooted Celery

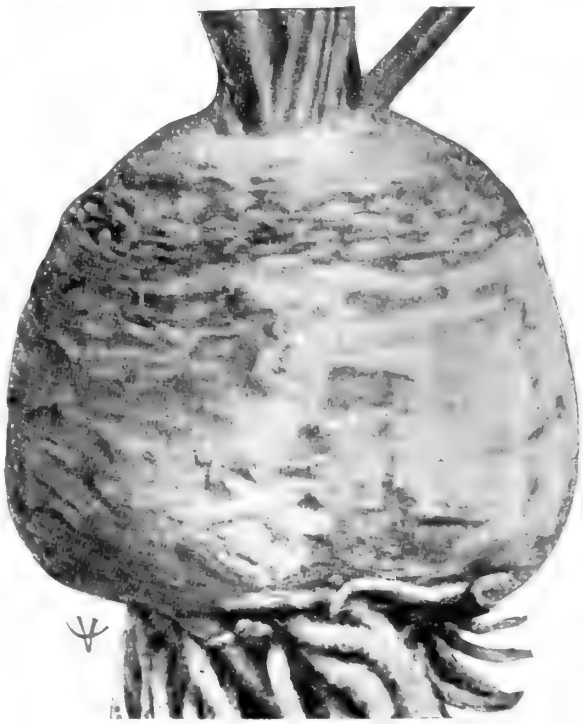
A popular German vegetable worthy of more extensive cultivation. The roots, which are used in salads or boiled like parsnips or turnips, have a celery flavor that is particularly pleasant to those who like celery. These roots keep well all winter. With our packets, we send recipes for their table use.

Earliest of All. This is a variety ready in June. Flesh pure white, and very tender; roots of good size, fine quality and never woody. Foliage short and tubers remarkably smooth. On account of its earliness may be planted for succession as late as July. **Pkt., 5c; ½ oz., 12c; oz., 20c; 2 oz., 35c.**

Large Erfurt. A standard variety. **Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $2.10.**

Giant Prague. This is unquestionably the largest and best celeriac for main crop, and is the most popular with American growers. The roots are very large, almost twice the size of Erfurt, almost globe shaped, smooth, and with only a few roots at the bottom; the flavor and quality are excellent. **Pkt., 5c; ½ oz., 10c; oz., 20c; ¼ lb., 60c; lb., $2.10.**

New Celeriac "Delicatess" Produces perfectly smooth oval roots without any side roots, and never rusts. Flesh is pure white, tender and of the best quality of all varieties of this vegetable. This size does very well on light soils. **Pkt., 10c; 2 for 15c; oz., 35c.**

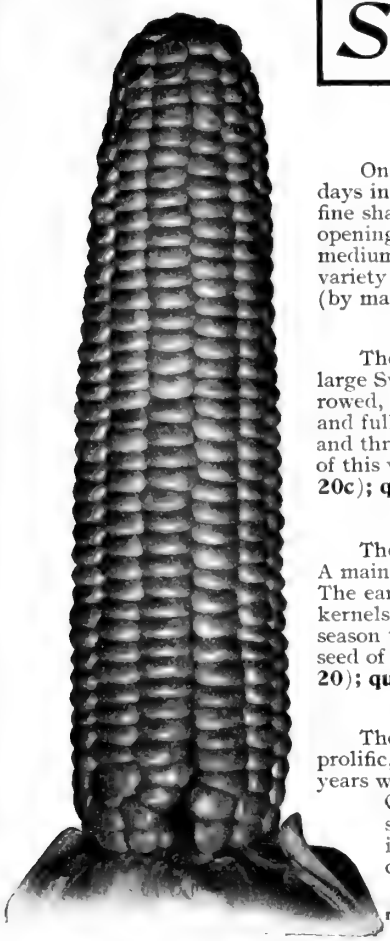


CELERIAC, GIANT PRAGUE.

SWEET CORN

VAUGHAN'S EXTRA SELECTED.

Vaughan's Four Best Varieties for General Use.



EARLY CHAMPION.
A Second Early Variety.

MAMMOTH WHITE CORY.

One of the largest and best of the extra early varieties. Within a couple of days in season of the eight row Early Cory, the ears are twelve rowed, long and fine shaped, two or three to a stock. The kernels are close set and there is no opening between the rows at the base or elsewhere on the cob. The grains are medium size, broad, sweet and very white. From all points it is the most desirable variety for the Northern garden. **Pkt., 10c; pint, 15c,** (by mail **20c**); **quart, 25c,** (by mail, **35c**); **½ peck, 75c; peck $1.35; bushel, $5.00.**

EARLY CHAMPION.

The most popular and largest of the second early sorts. It is the first early large Sweet Corn; season a little later than Mammoth White Cory. Ears twelve rowed, large, very uniform; kernels pure white, not too large, very sweet, tender and full of milk. Cob is of medium size and white. A fine yielder, usually two and three ears to the stalk. Excellent for both early and late planting. Our stock of this variety has been bred with much care. **Pkt., 10c; pint, 15c,** (by mail, **20c**); **quart, 25c,** (by mail, **35c**); **½ peck, 70c; peck, $1.25; bushel, $4.50.**

COUNTRY GENTLEMAN.

The sweetest and by many regarded as the most delicious of all the Sweet Corns. A main crop late variety. It is a very productive sort, bearing several ears on a stalk. The ears are of medium size, covered with small, very irregular, deep, pure white kernels which are very milky, tender and remarkably sweet. Owing to the late season this year and the fact that its deep kernels require a long time to dry, good seed of this variety is very scarce. Order early. **Pkt., 10; pint, 15c,** (by mail, **20**); **quart, 30c,** (by mail, **40c**); **½ peck, 75c; peck, $1.35; bushel, $5.00.**

STOWELL'S EVERGREEN.

The best known and most popular of all Sweet Corn varieties. Remarkably prolific, bearing large fine flavored ears with deep kernels, white in color. For years we have endeavored to supply the best seed possible of this variety of Sweet Corn. New England grown seed has always shown by its flavor and shriveled ripened kernels a higher percentage of sugar over the product raised in other sections of the country. We offer seed raised in this portion of the country and also seed raised elsewhere produced from Eastern seed stock.

STOWELL'S EVERGREEN, (Eastern Connecticut grown). Pkt., 10c; pint, 15c, (by mail, 20c); quart, 30c, (by mail, 40c); ½ peck, 75c; peck, $1.35; bushel, $5.00.

STOWELL'S EVERGREEN, (Western grown, Eastern stock seed). Pkt., 10c; pint, 15c; (by mail, 20c); quart, 25c, (by mail, 35c); ½ peck, 70c; peck, $1.25; bushel, $4.50.

COUNTRY GENTLEMAN.
The Sweetest of all Corns.

Vaughan's Early Iowa Sweet Corn—the earliest market sized corn. See inside back cover page.

VAUGHAN'S BLACK SUGAR CORN.

The Black Sugar is an Eastern grown selection from the Black Mexican variety, long a favorite wherever known because of its remarkable sweetness. To increase its desirability for the home garden, our grower has made for us a selection of the earliest maturing ears. For one who has never grown this corn, its quality is a revelation. **Pkt., 10c; pint, 15c, (by mail, 20c); quart, 30c, (by mail, 40c); ½ peck, 75c; peck, $1.35; bushel, $5.00.**

BLACK MEXICAN.

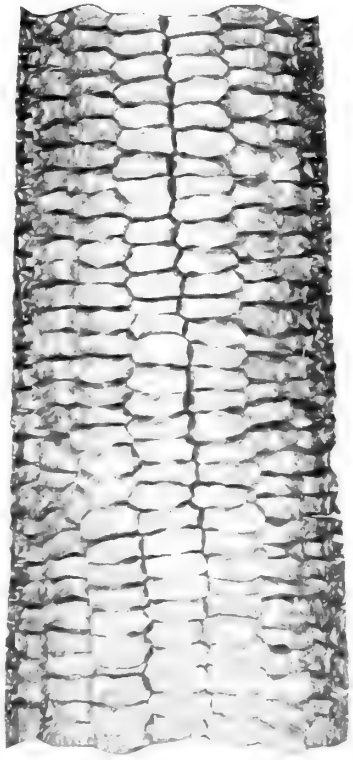
This is now a standard medium early variety and in spite of its bluish purple grains, on account of its deliciously sweet and fine grained quality, is becoming more of a favorite every year. For the home garden it is extremely desirable and those who once plant and try it, always return for more next season. 8 to 10 rowed. The ears are about 8 inches long; kernels are bluish purple to black and rather flat in shape. **Pkt., 10c; pint, 15c, (by mail, 20c); quart, 25c, (by mail, 35c); ½ peck, 70c; peck, $1.25; bushel, $4.50.**

EARLY MINNESOTA.

An old favorite, extra early Sweet Corn. Somewhat outclassed now as an extra early by the Mammoth White Cory, but, nevertheless, following it very closely. 8 to 10 rowed variety of excellent quality, large white grains and is immensely popular because of its being extremely productive. Good for market, home and canning use. We have a very desirable strain. **Pkt., 10c; pint, 15c, (by mail, 20c); quart, 25c, (by mail, 35c); ½ peck, 70c; peck, $1.25; bushel, $4.50.**

METROPOLITAN.

One of the popular early Sweet Corns. It is a little earlier than Champion and a little later than Minnesota. Ears are not quite so large as either. The stalk grows about 4 ft. in height and, as a rule, bears two good sized ears. The ears are 10-12 rowed, cob is white and the kernels are large and very sweet. On account of its hardiness it is quite valuable for very early planting. As it matures sometimes just as there is a let up on the market from the extra early and before the medium season corn comes in, some of our market garden customers have been quite successful growing this variety. **Pkt., 10c; pint, 15c; (by mail, 20c); quart, 25c; (by mail, 35); ½ peck, 75c; peck, $1.35; bushel, $5.00.**



STOWELL'S EVERGREEN.
Showing Evenness of Kernels.

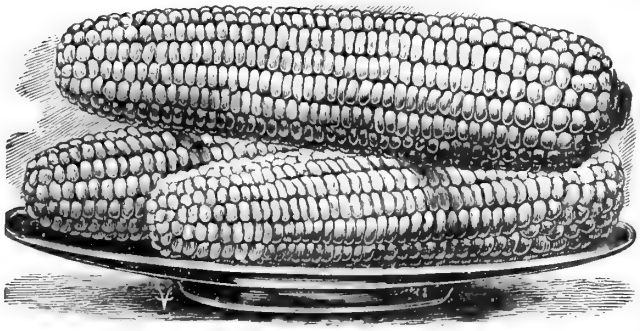
PREMO.

A rather new extra early Sweet Corn. Not as early as Peep o' Day or Malakoff and not quite so early as our strain of Mammoth White Cory. The stalks are of medium height, the ears are eight rowed, rather long, and are produced two and three to a stalk. Its chief claim to recognition lies in its quality. It is superb for an extra early. Practically may be regarded as the sweetest extra early corn. It is a vigorous grower and hardy so may be planted early. **Pkt., 10c; pint, 15c; (by mail, 20c); quart, 25c; (by mail, 35c); ½ peck, 70c; peck, $1.25; bushel, $4.50.**

SWEET CORN FOR SUCCESSION.

The following kinds afford a succession of Sweet Corn throughout the season when planted at the same time: Malakoff (see novelty pages), Mammoth White Cory, Early Champion, Stowell's Evergreen and Country Gentleman, We make the following special offers:

	BY MAIL POST-PAID.	AT BUYER'S EXPENSE
Special Offer No. 18. One pkt. each of the following—**Mammoth White Cory, Champion, Stowell's Evergreen**	$0.25	$0.20
Special Offer No. 18A. One pint each of the above three sorts	.50	.35
Special Offer No. 18B. One quart each of the above three sorts	.95	.65
Special Offer No. 18C. One ½ peck each of the above three sorts		2.00
Special Offer No. 18D. One peck each of the above three sorts		3.75
Special Offer No. 18E. One bushel each of above three sorts		$13.75
Early Malakoff, Mammoth White Cory, Early Champion, Country Gentleman and Stowell's Evergreen.		
Special Offer No. 18F. One pkt. each of above five sorts	.45	.40
Special Offer No. 18G. One pint each of above five sorts	.85	.6
Special Offer No. 18H. One quart each of above five sorts	1.70	1.20
Special Offer No. 18J. One ½ peck each of above five sorts		3.40
Special Offer No. 18K. One peck each of above five sorts		6.35



EARLY EVERGREEN.

SWEET CORN | Vaughan's Extra Selected

PEEP O'DAY SWEET CORN.

One of the very earliest sweet corns. About 3½ ft. high. Bears nearly always 2 ears on a stalk. The ears are good sized for so early a sweet corn and the quality is fair. Not so good as Malakoff. Kernels of a nice white color. **Pkt., 10c; pint, 15c (by mail, 20c); qt., 25c (by mail, 35c); ½ peck, 75c; peck, $1.35; bu., $5.00.**

EARLY EVERGREEN.

The ears of this variety are 8 in. long, mostly 14 to 18 rows. It is a magnificent kind for the market gardener and desirable as a main crop in every home garden. It ripens 8 to 10 days in advance of Stowell's Evergreen, equally as good for general purposes. The kernels are sweet and tender, and when eaten from the cob break off free from the husky tips so common to otherwise fine table corn. Two plantings will generally extend the season until frost, as this variety remains green for a long time. **Pkt., 10c; pint, 15c. (by mail, 20c); qt. 25c, (by mail, 35c); ½ peck, 70c; peck, $1.25; bu., $4.50.**

STANDARD VARIETIES OF SWEET CORN.

	Qt.	½ pk.	Pk.	Bu.
Malakoff. See Novelty pages	$0.30	$.080	$1.50	.....
Golden Bantam. See Novelty pages	.30	.75	1.40	.....
Adams Extra Early. Not sweet, but early	.25	.60	1.00	$3.50
Adams Early. A little later than above	.25	.60	1.00	3.50
Early Cory. Very early, good size	.25	.60	1.10	4.25
Crosby's Extra Early. Excellent quality	.25	.70	1.25	4.50
Perry's Hybrid. Large, early market sort	.25	.70	1.25	4.50
Kendall's Early Giant. Similar to Champion	.25	.70	1.25	4.50
Chicago Market. Very large, medium season	.25	.70	1.25	4.50
Early Mammoth. Earlier than Late Mammoth	.25	.70	1.25	4.50
Moore's Early Concord. Sweet, medium season	.25	.70	1.25	4.50
Old Colony. An old standard	.25	.70	1.25	4.00
	Pint.	Qt.	½ pk.	Pk.	Bu.
Hickox. Splendid yielder	.15	.25	.70	1.25	4.50
White Evergreen. Selection of Stowell's	.15	.30	.75	1.35	5.00
Late Mammoth. Largest of all	.15	.30	.75	1.35	5.00
Evergreen Fodder	.....	.15	.50	.85	3.90

Pkt. any of the above, 10c; if by mail, add 5c to pint and 10c to quart prices for postage.

PLEASE NOTE. Our Sweet Corn, like all our Garden Seeds, is grown from specially selected, pedigreed stock seed and our prices must not be compared to those of "picked up" stock, raised by inexperienced growers who do not understand or practice such selection or isolation of the kinds.

CUCUMBER. | PICKLING VARIETIES.

WESTERFIELD, or CHICAGO PICKLE.

The True Stock is Always Scarce.

This is a specialty first sent out by us and has become a standard variety among the gardeners and seedsmen. We supply leading growers of the country with our selected seed. It is undoubtedly the best Cucumber for Pickles, and is used almost exclusively by a vast majority of the pickle factories. The fruit is medium length, pointed at both ends, with large and prominent spines. The color is a beautiful deep green, giving the pickles a most appetizing appearance. The fruits begin to set while the vine is still young and continue longer than any other variety. Ask any pickle merchant or manufacturer what the best pickle variety is and his most invariable answer is "Chicago Pickle." We venture to say that more seed of this variety is planted in the United States than any other Cucumber. **Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., $1.25; 10 lbs., by express, $10.00.**

SNOW'S FANCY PICKLING.

This is a special selection of Chicago Pickle made by a veteran Western pickle grower. The type is shorter when ripe than the Chicago Pickle and is broad at the stem end, tapering slightly to the tip. The small pickles are very similar to the Chicago variety but have an added value where blight is prevalent as the smaller fruit takes less strength from the vine and produces a much heavier crop. It ranks at the very top as the best type of pickle. The most uniform of all pickle sorts.

Our stock is the very best, selected under our own direct supervision, so that many large factories pay us nearly double in preference to strains offered by other seedsmen. **Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., $1.25**

Vaughan's XXX Pickling, See Novelties.

This is an ideal home garden pickle sort. The shape is the very best and the fruits protrude from under the vines, making the hard work of picking comparatively easy. **Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.50.**

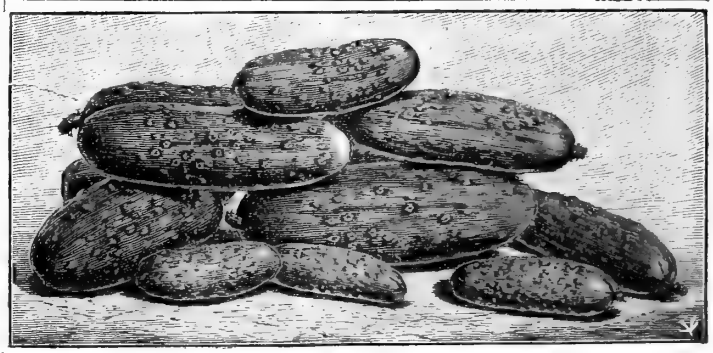
OTHER PICKLE VARIETIES.

EXTRA EARLY GREEN PROLIFIC OR BOSTON PICKLING. Of uniform growth, prolific and very popular. Dark green. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00.**

EARLY CLUSTER. The fruits are small and prickly, borne in clusters. Early and productive. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00.**

FORDHOOK PICKLING. Prolific and of medium size. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00.**

EARLY FRAME OR SHORT GREEN. A popular, early, medium length sort. A fine pickle variety. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00.**



CHICAGO PICKLE CUCUMBER. *The Most Popular Pickle Variety.*

THE CUMBERLAND PICKLE.

Good for both pickles and slicing. This variety, of the hardy White Spine type, is a rapid, strong grower and is very prolific in fruit. The pickles differ from all other hardy sorts in being thickly set with fine spines, except on the extreme stem end, making it excellent for slicing. The flesh is very firm, crisp and tender at all stages. **Pkt., 5c; oz., 10c; ¼ lb., 45c; lb., $1.25.**

IMPROVED JERSEY PICKLE.

This famous sort makes splendid vinegar pickles on account of its color, making what pickle men call "light" pickle, excellent for "Gherkins." It is very prolific. Its shape in the ripe fruit is broader at the tip than at the stem end, while in the pickle state it is nearly straight. Our seed is finely selected and product very uniform. **Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., $1.25.**

JERSEY PICKLE.

WEST INDIA GHERKIN.

A very small, oval, prickly sort, distinct from all others. It is grown for pickles only. It is the smallest of all Cucumbers and should be pickled when young. One of the very best for the home garden. This sort is different from ordinary cucumbers, they never grow longer than about 2 inches by a diameter of about 1½ inches. **Pkt., 10c; oz., 30c; ¼ lb., 75c. lb., $2.00.**

ENGLISH FRAME CUCUMBERS.

ROLLISON'S TELEGRAPH. A standard Greenhouse variety. English greenhouse grown stock. **Pkt., 50c.**

PRESCOTT WONDER. A fine flavored sort. Good yielder. **Pkt. (50 seeds), 25c.**

CARTER'S MODEL. One of the best English varieties. Immense size. Straight and smooth. **Pkt. (25 seeds), 25c; 3 for 65c.**

NOA'S FORCING. An old standard. **Pkt., 50c.**

VAUGHAN'S PROLIFIC FORCING. This is an early. Shorter than other sorts. Very uniform and a good yielder. **Pkt. (25 seeds), 20c; 3 for 50c.**

VAUGHAN'S ARLINGTON WHITE SPINE.
VAUGHAN'S XXX PICKLING.
DAVIS PERFECT CUCUMBER.

CUCUMBER.

SLICING VARIETIES.

Early Cyclone.

Improved White Spine.

Vaughan's Arlington.

Boston Forcing.

New Century.

Extra Long White Spine.

Davis Perfect.

Types of White Spine Cucumbers.

The illustration shows how some of the most important strains of white spine cucumber grew as to relative shape and size at our trial grounds at Western Springs this season. **Early Cyclone** is the smallest and by far the earliest sort and a good yielder. Color, a good green. **Improved White Spine** is a thick, fair sized cucumber of fair color and very prolific. **Vaughan's Improved Arlington** (See Novelty pages) follows—a wonderful cropper—very uniform, earlier than the Improved variety. **Boston Forcing** is similar to Arlington, somewhat more pointed and a slightly darker color. **New Century** is a very thick, fine new variety. **Extra Long White Spine** is the standard main crop Northern variety—very uniform and a good yielder for a long variety. **Davis Perfect** is very long, slender and pointed, and very dark in color. In an off season (from dry weather, poor soil or blight,) the Improved White Spine and Arlington produce the best crops, as vines have not the vigor to produce the larger fruits. Cucumbers always vary a great deal in the field. The above illustration shows how a typical fruit of each variety looks, and it is from these types our seed is selected.

EXTRA LONG WHITE SPINE.

Vaughan's Selected Stock.

Our strain is the very best. The most popular of the White Spine varieties with Market Gardeners. We have been experimenting for a number of years with the best strains we could find by searching the country, and we have also given the best of these to our market garden customers to try. From all of these we have chosen this strain as giving by far the most general satisfaction. The flavor is superb; the beautifully smooth and straight fruits have a wonderful dark, shiny, green color, never turning yellow, and measure ten to fourteen inches in length. It is by far the best table variety we have ever seen. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $2.00.**

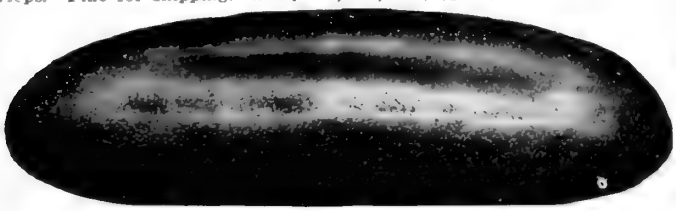
Ordinary stock, such as offered by other seedsmen for Extra Long White Spine. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00.**

Early Cyclone. A short variety. The earliest by two weeks of any Cucumber in cultivation; holds its color well and is very prolific, growing its fruit in bunches of threes and fours and sometimes producing ten to twelve specimens to the plant. **Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.**

Improved White Spine. Medium length. The fruits are very straight, light green color. A fine yielder under all conditions. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00.**

Vaughan's Improved Arlington. (See Novelty pages.) **Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., $1.35.**

Rocky Ford. **(Klondyke)**—White Spine. A fine market garden sort—between the New Century and Arlington in size—slightly earlier, however. A wonderful keeper, good dark green color, which it keeps. Fine for shipping. **Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.35.**



IMPROVED LONG GREEN.

Vaughan's Selected Stock. One of the Best for Slicing and Pickles.

A selection from the Long Green. The vines are very vigorous and productive. The fruit which is about 12 in. long is formed almost as early as the short sorts. They are firm, crisp and of fine flavor. Those desiring a long dark green cucumber will find our strain unsurpassed. The fruits make excellent pickles and when ripe they make the very best sweet pickles. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.25; 5 lbs., $5.00.**

BOSTON FORCING WHITE SPINE.

VAUGHAN'S. Darker than Arlington, more slender, smooth, very even and regular in form. Length 8 to 11 in. The whitish markings are faint and more blended with green than usual. It has a wonderfully bright glossy green color and its flavor is far superior to the extra long sorts. As regards its productiveness, it bears almost twenty-five per cent more fruit than the other forcing sorts. This is a crackerjack for hot bed and greenhouse use. Fruit from our seed of this sells at the very highest price in New York, Philadelphia, Buffalo and Pittsburg. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.50.**

New Century. A fine long strain of white spine, 8 to 10 inches in length—very thick, uniform, smooth and straight. It holds its dark green color remarkably well so that altogether it is one of the best for slicing. **Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., $1.25.**

Davis Perfect Cucumber. —New—See Novelty pages. One of the very handsomest of the very long white spine cucumbers. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.75.**

Fordhook Famous. White Spine. As long as the "Davis," slightly bent but very handsome, twelve to seventeen inches long. Quality is superb. Color a very dark green, never turning yellow. Very vigorous. **Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., $1.50.**

Cool and Crisp. A splendid cucumber for slicing. Early and prolific. Owing to its dark green skin, which is covered with knobs upon which the spines set, this sort makes a fine appearing pickle. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.25.**

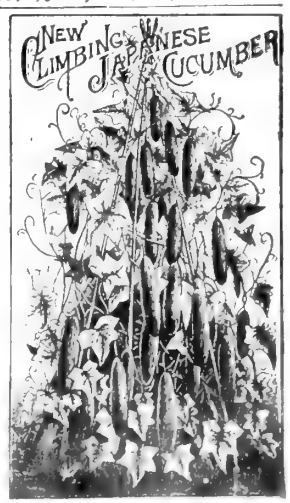
Emerald A very smooth and almost spineless cucumber. Color a fine dark green which it retains well. Its quality for slicing is excellent. **Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., $1.25.**

ODD CUCUMBERS.

Japanese Climbing. This sort grows quickly, climbing poles or trellis, thus taking up very little room in the garden. The fruits are of good size and of fine flavor, adapted especially for slicing and salads. Does best in dry, warm summers. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $2.00.**

Lemon Cucumber This is better known as the Garden Lemon and belongs in the same class with Mango Melon. You will find both of these fine preserving vegetables listed among Musk Melons on page 37.

Serpent or Snake. A peculiar long cucumber, usually much twisted. **Pkt., 5c; oz., 20c.**



IMPROVED NEW YORK, The Standard Variety.

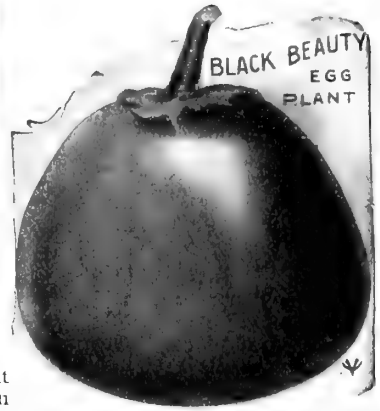
EGG PLANT

On account of last summer's drought, the Egg Plant crop is not a heavy one; yet we have a better supply of seed than for a number of years.

VAUGHAN'S IMPROVED NEW YORK. Large Purple.

Our strain of this standard variety is of the very finest type, absolutely spineless; the plants grow low, stalky and branching. They bear early and almost continuously. The fruits are large, smooth, and have a rich satiny purple color. We take particular pride in our fine even strain of this variety. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., $1.35; lb., $5.00.**

BLACK BEAUTY. An Egg Plant from ten to twelve days earlier than New York Spineless. The fruits are broad, thick, very attractive in form and of good flavor. Its rich, lustrous purple-black color adds to its attractiveness, For the Northern home garden and truckers' use, it is the most desirable kind. Not so good a yielder as our Improved New York. **Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., $1.50; lb., $5.50.**



BLACK PEKIN. The fruit is round, almost black. Flesh white, solid, fine grained and delicious. Quite early, and of good marketable size. **Pkt., 5c; ½ oz., 20c; oz., 30c; ¼ lb., $1.00; lb., $3.50.**

VERY EARLY DWARF PURPLE. Extremely early. Resembles the New York Improved in shape and color; however, is smaller and earlier. **Pkt., 5c; ½ oz., 20c; oz., 30c; ¼ lb., $1.00; lb., $3.50.**

GARLIC, Selected Bavarian.

KNOBLAUCH—AIL.

This is a particularly fine strain of Garlic. It is larger and more even than ordinary Garlic, keeps longer and is snowy white. **Lb., 25c; 3 lbs., 65c; 5 lbs., $1.00; 10 lbs., $1.85. If by mail, add 10c per lb. for postage.**

ORDINARY GARLIC.—Write for prices.

HORSE RADISH SETS.

Roots will produce good Radish fit for use in one season's growth. Plant the set small end down, so that the top will be 2 in. under the soil. **100 for 60c (by mail, 75c); 300 for $1.75; 500 for $2.50; 1,000 for $4.00.**

NEW BOHEMIAN HORSE RADISH, or Maliner Kren.

An introduction of the U. S. Department of Agriculture. A much earlier and better producer than the common sort. The roots grow larger and whiter and the quality is superior. All growers should have it. **Sets or Roots, doz., 25c, postpaid; by express, 50 for 50c; 100 for 85c.**

ENDIVE.

ENDIVEN SALAT—CHICOREE-ENDIVE.

No vegetable garden is complete without this most refreshing and delightful Autumn and Winter salad. Sow the seed from the middle of June until the end of August.

GREEN CURLED. This is the standard variety for both Fall and Winter crops. The leaves are finely divided, giving the plant a mossy appearance. Makes a beautiful show when the centers are blanched. **Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., $1.10.**

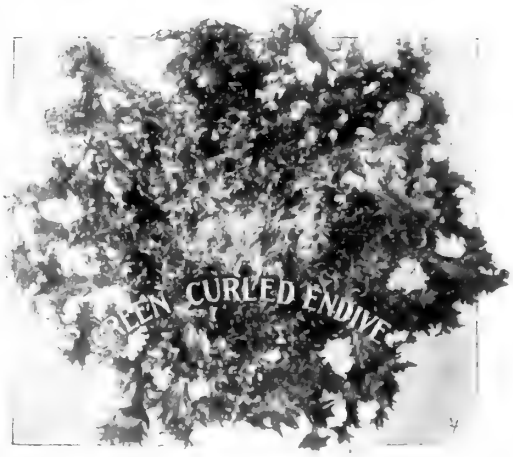
STAGHORN. This is the best Endive for early, as it does not go to seed if planted in the hot-bed and transplanted out of doors, which fact gives it an advantage of early growth and brings it into the first early market, where it is a "money maker." It has sold at from 25c to 30c per dozen in the Chicago market. **Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 35c; lb., $1.10.**

GIANT FRINGED, OR "OYSTER." A remarkably handsome variety; the snow white heart contrasting with the fine fringed green outside Season. Fall and Winter. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.50.**

MOSS CURLED.—Tender, fine quality. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 35c; lb., $1.10.**

BROAD LEAVED.—Leaves large, broad, slightly curled. **Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., $1.10.**

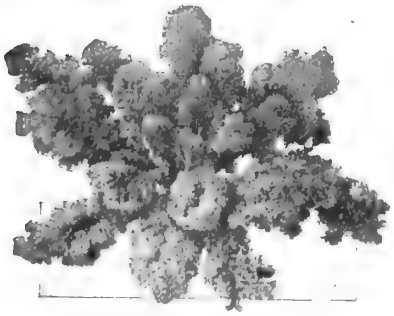
EVER WHITE CURLED.—Very crisp and tender. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.40.**



TO BLANCH ENDIVE

When full grown, gather the plant into a bunch, when perfectly dry, and tie together near the top; in a short time they will be perfectly blanched.

KALE, or BORECOLE



EXCELSIOR MOSS CURLED KALE.

One of the best plants for greens. Well known and much planted by German-Americans, but little used by others. Besides its eating value, it is extremely ornamental in the garden. The greens are for early Fall, Winter and Spring use. Sow seed about the middle of June, and later transplant to rows from 2 to 2½ feet apart. The Dwarf can be sown later, and need not be transferred to furnish nice heads. A good frost improves the quality.

DWARF GREEN CURLED KALE. This is hardier than Cabbage. The leaves are as curly as Parsley, tender and of very fine flavor. Immense quantities of this are grown in the South and shipped to Northern markets. We have an excellent strain. **Vaughan's Extra Selected Stock. Pkts., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

VAUGHAN'S EXCELSIOR MOSS CURLED KALE. This is by all odds the best Kale in existence. The plants grow from 18 to 21 inches high and produce as many as 50 usable leaves to a plant. The leaves are very curly and in flavor are unsurpassed. **Pkt., 10c; oz., 20c; ¼ lb., 50c. lb., $2.00.**

TALL GREEN CURLED. Fine curled. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.**

SIBERIAN.—Sometimes called "Sprouts" and "German Greens." Not so curly as the Dwarf Green Kale. The plant is low, but spreading and very hardy. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

SEA-KALE. A vegetable long known but only recently valued through the late strong recommendation of the Department of Agriculture. It is ready for use earlier than Asparagus, has the combined flavor of Asparagus and Celery, and its blanched stalks are cooked like Asparagus, or with its leaves are used as greens. Sea-Kale comes usually from seed, but can be grown from offsets or root cuttings. The long top root requires a rich deep soil. Plant in rows four to six feet apart. The seedlings yield a crop the third year, though reports are made of a crop the year following the seeding. As soon as shoots show above the half-frozen ground, blanch with earth, sand, boards, etc., until ready for use. **Pkt., 5c; oz., 30c; ¼ lb., $1.00.**

KOHLRABI.

Sow seed June and July. Rows 18 in. apart. Thin to 1 ft.

People who have not tried this excellent vegetable in their gardens have a treat in store for themselves. The bulbs are formed above ground, and are cooked like turnips when young. They then have a much sweeter flavor than turnips.

KING OF THE EARLIES. This is an extra choice strain of white Kohlrabi, of very quick growth, very tender and of excellent flavor. The leaves are short, which admits of close planting and raising in frames for early use. This is a vegetable not sufficiently known and appreciated. We enclose with orders directions how to raise and cook. **Pkt., 10c; oz., 25c; 2 oz., 45c; ¼ lb., 75c; lb., $3.00.**

EARLY WHITE VIENNA. White, tender. **Pkt., 5c; ½ oz., 20c; oz., 40c; ¼ lb., 60c; lb., $2.20.**

EARLY PURPLE VIENNA. **Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $2.20.**

SHORT TOP EARLY ERFURT.—Excellent for forcing in open ground; flesh white, very tender, leaves very short. **Pkt., 5c; ½ oz., 12c; oz., 20; 2 oz., 40c; ¼ lb., 60c; lb., $2.20.**

KOHLRABI, WHITE VIENNA.

HERBS—Sweet, Pot and Medicinal.

SWEET MARJORAM—MAJORAN—MARJOLAINE.

For flavoring soups, meats, etc., a few pot and sweet herbs are necessary for every garden. If they are to be used during the winter, the stalks should be cut on a dry day, when not quite in full bloom. They should then be dried quickly in the shade, and when dry be packed closely in boxes with the air entirely excluded.

Varieties preceded by an * are perennials.

ANISE. Used for garnishing, seasoning and for cordials. Pkt., 5c; oz., 10c; lb., 80c.

***BALM.** Used for making Balm wine and tea. Pkt., 5c; oz., 20c.

BASIL, Sweet. The leaves are used for flavoring soups, stews and highly seasoned dishes. Pkt., 5c; oz., 15c; lb., $1.35.

BENE. The leaves immersed in a tumbler of water make a drink very beneficial in cases of dysentery. Pkt., 5c; oz., 15c.

BOHNENKRAUT. See Summer Savory.

BORAGE. Flowers excellent for bees. Leaves used in salads. The flower spikes can be used in cooling drinks. Pkt., 5c; oz., 15c; ¼ lb., 40c.

BORAGE—GURKENKRAUT—BOURRACHE.

ROSEMARY.

CARAWAY. Seeds are used for flavoring bread, pastry, meats, etc. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

CATNIP or Catmint. Grown for bee pasture. The leaves and young shoots are used for seasoning. Pkt., 10c; oz., 30c.

***CHIVES.** Used for seasoning. Plants, per clump, 10c; doz., $1.00. By mail, add 5c per clump for postage. Seed, pkt., 10c; ½ oz., 30c; oz., 60c.

CORIANDER. The seeds are used for flavoring. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 45c.

DILL. Leaves are used in pickles and for flavoring soups and sauces. Pkt., 5c; oz., 10; ¼ lb., 20c; lb., 60c.

***FENNEL.** The leaves boiled are used in fish sauces and are beautiful for garnishing. The seeds are used for flavoring. Pkt., 5c; oz., 10c; ¼ lb., 25c.

FENNEL FLORENCE. An excellent legume with agreeable aromatic flavor, somewhat resembling celery, but with sweet taste and a more delicate odor. Very distinct from Common Fennel. Height of plant, 2 ft. Directions for culture and use given with each order. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00.

***HENBANE.** The growing plants are supposed to absorb malaria. Pkt., 5c; oz., 15c.

***HOP SEED.** Pkt., 15c.

***HOREHOUND.** The leaves are used for flavoring and also in the manufacture of cough remedies. Pkt., 5c; oz., 15c.

HYSSOP. The tops and flowers are used for Hyssop tea. Pkt., 5c; oz., 15c.

***LAVENDER.** The leaves are sometimes used for seasoning, but the plant is chiefly grown for its flowers, which are used in the making of perfumes. Two kinds.

LAVENDER TRUE (Lavendula vera). The best. Pkt., 10c; oz., 35c; lb., $3.50.

Lavendula spica. Not quite so strong. Pkt., 5c; oz., 10c; lb., $1.00.

LAVENDER PLANTS. Give much better results than seed. First size, 15c each; 3 for 40c; doz., $1.25; 2nd size, 25c each; doz., $2.00, postpaid.

MARJORAM (Sweet). The leaves and the end of the shoots are used for flavoring in summer and they are also dried for winter use. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., $1.25.

***MINT, Old Fashioned.** For mint sauce and julips. Plants 1 yr. old, 10c each; doz., $1.00 postpaid. Plants 2 yrs. old, 20c each; doz., $2.00 postpaid. Large plants (by express), 50c each; doz., $4.00.

PENNYROYAL. Leaves are used for seasoning puddings and various dishes. Pkt., 10c.

PEPPERMINT. The leaves and stems are used for flavoring, but particularly for the distillation of the essence of peppermint. 25 seeds, 10c; 100 seeds, 30c; 500 seeds for $1.25.

PIMPINELLA (Burnett.) The young tender leaves are used as salad; they have a flavor resembling that of cucumbers. Pkt., 5c; oz., 15c.

ROSEMARY. The leaves are used for seasoning. Pkt., 5c; oz., 25c.

***RUE.** For medical purposes; good for fowls for the croup. Pkt., 5c.; oz., 15c.

SAFFRON. Used for coloring certain dishes, also flavoring. Pkt., 5c; oz., 10c; ¼ lb., 30c.

SAGE, Holt's Mammoth. The plants are of strong growth, attain a height of 1 ft. the first season and spread so that a single plant covers a space 3 ft. in diameter. They are perfectly hardy and make a still larger growth the second season. Price, each, 15c; 3 for 25c; 7 for 50c; 15 plants for $100; by mail, postpaid.

SAGE. Leaves and tops are used for seasoning and stuffing. Pkt., 5c; oz., 15c; lb., $1.75.

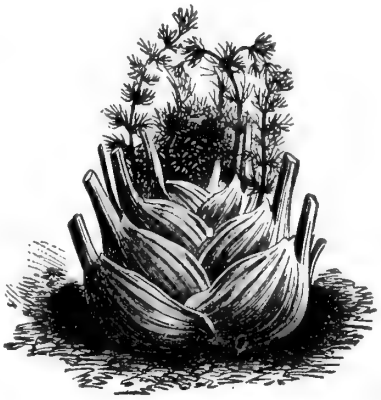
SUMMER SAVORY. The leaves and young shoots are used for flavoring, especially for boiled string beans. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.

TAGETES LUCIDA. This possesses in its green parts almost exactly the true Tarragon flavor; of easiest culture. Pkt., 5c; ½ oz., 15c.

***TARRAGON (Artemisea dracunculus).** For vinegar making. The leaves, dried or fresh, are steeped in ordinary vinegar. The flavor thus added is much liked. A hardy perennial. Plants only. First size, 15c each; doz., $1.00; 2nd size, 25c each; doz., $2.50, postpaid.

THYME. Used for seasoning; a tea is also made for nervous headache. Pkt., 5c; ½ oz., 15c; oz., 25c; lb., $2.40.

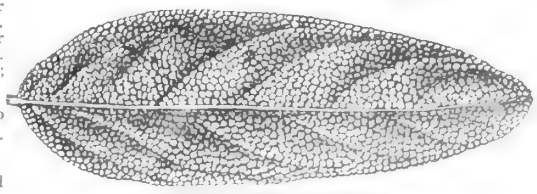
***WORMWOOD.** Beneficial for poultry; should be planted in poultry yards. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $2.20.



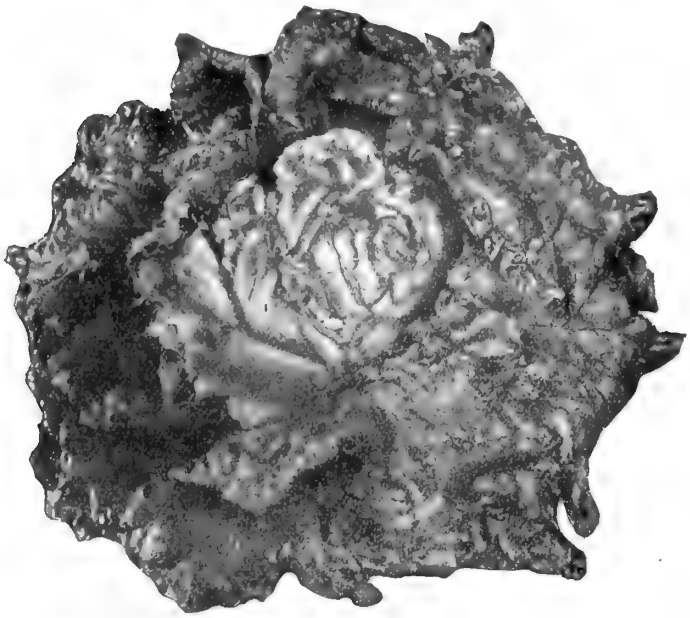
FLORENCE FENNEL.

LAVENDER—LAVENDEL—LAVENDE.

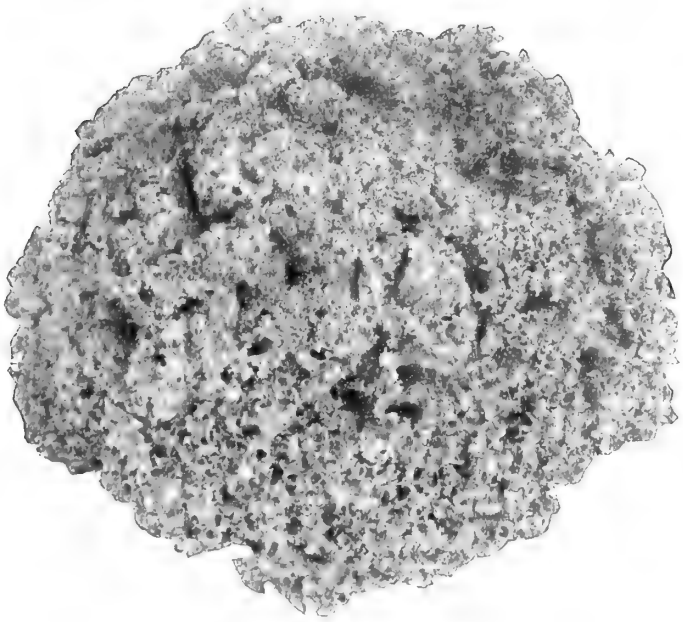
SUMMER SAVORY-BOHNENKRAUT-SARRIETTE



HOLT'S MAMMOTH SAGE.
Plants Only.



BLACK SEEDED SIMPSON. *Most Desirable for the Amateur's Garden.*



GRAND RAPIDS.

Early Prize Head. For many years the most popular of the large loose headed sorts. The leaves are finely crimped and fringed, the outer sides being somewhat shaded with brown. Exceedingly crisp, sweet and tender. Excellent for the home garden. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.**

Early Curled Silesia. It is the old favorite, dwarf, compact habit, and thick growth. The crisp golden leaves have finely curved edges. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.**

Early Curled Simpson. White seeded. One of the best of the leaf lettuces. Quite similar to Early Curled Silesia. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.**

The Morse. A careful selection from the Black Seeded Simpson by a seed grower of large experience. A very desirable strain of this type of lettuce for growing under glass. Leaves are beautifully wrinkled, and of a bright green color. In quality, the very best of the loose leaved sorts. **Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; lb., 85c.**

EARLY HEAD LETTUCE. May King.

A desirable, very early head lettuce has long been sought. This new variety meets the requirements. Growth rapid—so rapid it is ready far ahead of other heading sorts. Heads medium sized with outer leaves folding close to the head, thus permitting close planting for frame work; color fine, outer leaves tinged slightly brown; heart of a beautiful appetizing yellow; quality excellent, leaves being exceedingly tender. **Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 40c; lb., $1.50.**

CULTURE—See "Vaughan's Vegetable Garden," a copy of which is free to buyers of Vaughans Seeds.—Ask for it.

LETTUCE. CURLED OR LOOSE LEAVED SORTS.

Two ounces of seed to 100 yards of row, 4 pounds to the acre, 40 to 50 days from seed to maturity.

We not only have grown for us special stocks of Lettuce for gardeners, but also make special trials and selections in our own fields at Western Springs, Ill.

BLACK SEEDED SIMPSON.

Vaughan's Selected Stock. This is by far the most popular of all Lettuces in those localities where leaf lettuce is grown. For the amateur gardener who does not transplant nor thin his crop and therefore has no success with head lettuce, this is the best sort. It grows a large leaf of ideal green color, the inner leaves forming a loose head. The leaves are quite thin, very tender, crisp, and of fine quality. It is the most desirable all-around lettuce. Good under glass, and excellent for frames or early planting. Moreover, during the summer it withstands the heat as well as any other sort. It is largely planted, and is the best outdoor leaf lettuce for market gardeners.

Our strain is a very fine one; all our stock seed being saved each year from extra selected plants.

Vaughan's Select Stock: **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; lb., $1.25.**

Black Seeded Simpson, ordinary stock: **Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; lb., 85c.**

GRAND RAPIDS LETTUCE.

For Winter forcing in Greenhouse there is no variety that produces such results as the Grand Rapids. It is a leaf lettuce; the leaves are very finely curled, and are of very handsome appearance. In habit, it is a strong grower, and will keep from wilting longer while exposed for sale than any other variety. Its upright habit admits of very close planting in Greenhouse, and in the garden. One of the very best leaf lettuces for outdoor use. Our selected stock has been especially grown for greenhouse use, and runs wonderfully even and true to type.

VAUGHAN'S SPECIAL

Vaughan's Extra Selected Stock: **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; lb., $1.25; 5 lbs., $5.50.**

Ordinary stock: **Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; lb., 85c; 5 lbs., $3.25.**

Tilton's White Star. A distinct variety of the Black Seeded Simpson type, which grows larger and more rapidly. Its leaves are broader, thicker, darker and a little less frilled at the edges. Forms a large loose head, blanches well, and is of good quality. A desirable sort for outdoor use, as it is slow running to seed. **Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; lb., 85c.**

Denver Market Forcing. An early variety of loose headed type, either for forcing or open ground. Forms good sized heads of light green color. Leaves are handsomely marked and blister similar to a Savoy cabbage. Very crisp and tender. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00.**

LEEK—LAUCH PORREE.

Long Mezieres. One of the most desirable of the Leek varieties. Has broad, vigorous, erect leaves, and long, good-sized stem, of snowy-white color, and best flavor. It is very hardy. For market garden use is unsurpassed. **Pkt., 5c; oz., 15c; 2 ozs., 35c; ¼ lb., 45c; lb., $1.35.**

Bulgarian Winter. This is one of the most desirable of Leeks, being extremely hardy and of enormous size, the stock being tender up to a height of 15 in. **Pkt., 10c; ½ oz., 15c; oz., 25c; 2 ozs., 40c.**

Broad Scotch or London Flag. Hardy. A large, strong plant with broad leaves. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.10.**

Large Musselbrugh. Enormous size, leaves large and broad, mild, pleasant flavor. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.10.**

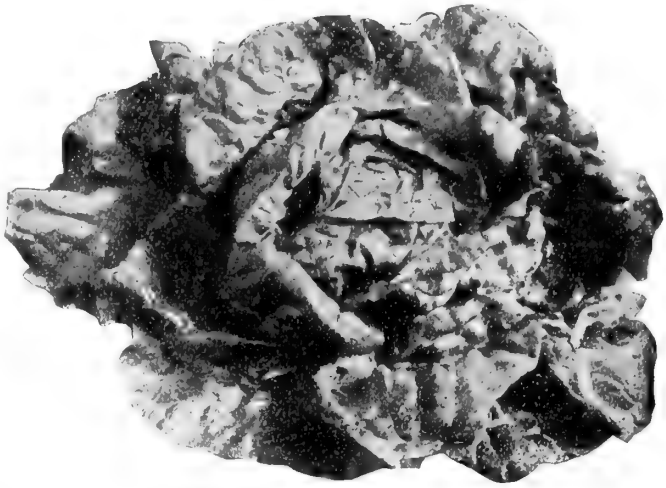
Rouen, Very Large Winter. Large and excellent, enormous in size, best of all. **Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 35c; lb., $1.25.**

LONG MEZIERES.

Field and Greenhouse Trials are Made of all our Lettuce Seed.

CABBAGE or HEAD LETTUCE.

Vaughan's All Seasons. When we introduced this distinct mid-season variety in 1897, it at once jumped into great popularity and is today unsurpassed as a head lettuce for general home and market garden use in Northern climates. Around Chicago it is the most popular of all the head lettuces. Its features are large, handsome, extremely solid head, almost as large as a Flat Dutch Cabbage; color, a light grayish green, never spotted nor brownish; leaves broad and the head being large, the inner leaves are beautifully blanched; very slow to run to seed; sure heading; and the quality excellent, decidedly buttery with thick leaves of much substance. Chicago gardeners find our introducer's selected seed far superior to that offered by other seedsmen. **Pkt., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., $1.35.**



VAUGHAN'S ALL SEASONS LETTUCE.

Improved HANSON. This standard variety is the most planted of all head lettuces. Its popularity is due to the wonderful heat resisting qualities when used for outdoor summer planting. It forms very large, firm heads, with broad leaves, beautifully crimpled and exceedingly crisp, tender and sweet. The outside leaves are shining green, and the inside ones almost white, formed into a very hard, globular head. This is a fine market and home sort for all sections and the very best in the Central States where there is a great deal of sun. A sure header and reliable. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.**

BLONDE BEAUTY. We consider this a most splendid sort, and worthy a trial in very garden. It resists the heat to a remarkable degree and is also an excellent keeper after being cut; is tender sweet, crisp and juicy. It is a distinct sort, recommended for shipping and the home garden. **Pkt., 5c.; oz., 15c.; 2 ozs., 25c; ¼ lb., 35c; lb., $1.10.**

CALIFORNIA CREAM BUTTER. This is one of the best of the Summer varieties of Head Lettuce. The heads are of good size, and are so very solid they often have to be cut before the seed stalk can appear. They are crisp, have a rich, buttery flavor and are an ornament to the table. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.**

ST. LOUIS BUTTER HEAD. This fine sort attracted the attention of many visitors at St. Louis during the recent fair. It has been a local variety there for a number of years, one of the local market growers growing a special strain, which has attained high popularity. The head is large and solid as a cabbage with beautiful, crumpled, yellow inside leaves of the finest quality. Since its introduction in other markets it has had a large demand. Our Chicago gardener customers plant a large acreage of this variety. **Pkt., 5c.; oz., 10c.; ¼lb., 30c.; lb., $1.00.**

IMPROVED HANSON, Standard Summer Head Lettuce.

PERPIGNAN, or Defiance. Is unequaled for long standing. One of the finest new varieties of Head Lettuce, which stands the summer heat better than most others. It forms very large, solid heads, so firm that they have to be cut open to allow the flower shoots to come through. **Pkt. 5c.; oz., 10c.; ¼ lb., 30c.**

DEACON. Is a large solid, most satisfactory variety, in the family garden or for market. Growing to large size, it is later than most of the other varieties, but is the **most sure-heading of any large buttery variety.** The interior of the head blanches to a beautiful golden yellow, and is of a rich buttery flavor. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.**

MAXIMUM, or Immensity. A wonderful heat-resisting new Lettuce, remaining a long time, even in the hottest weather, without going to seed. It is green outside and yellow in the center. It is one of the largest and most solid of Head Lettuces and its quality is of the best. **Pkt., 5c.; oz., 10c; ¼ lb., 30c; lb., $1.00.**

OTHER GOOD SORTS.

Price: Any of the following, Pkt., 5c; oz., 10c.

BROWN DUTCH. The standard early brown sort. ¼ lb., 25c; lb., 85c.

BUTTERCUP. The lightest green and most yellow of all sorts. Excellent quality. ¼ lb., 30c; lb., 90c.

FORCING MILLY. A very early variety. ¼ lb., 25c; lb., 85c.

GIANT CRYSTAL HEAD. White and solid, extra quality. ¼ lb., 25c; lb., 90c.

GIANT GLACIER. The largest of head lettuces. ¼ lb., 25c; lb., 90c.

MAMMOTH BLACK SEEDED BUTTER. Large hard heads. A favorite everywhere. ¼ lb., 25c; lb., 85c.

NEW YORK. Very white leaves. Large. ¼ lb., 25c; lb., 85c.

SALAMANDER. An all seasons, good, standard lettuce. ¼ lb., 25c; lb., 85c.

SILVER BALL. Fine white heads. ¼ lb., 25c; lb., 85c.

TENNIS BALL. Black seeded. One of the best standard, all purpose varieties. ¼ lb., 25c; lb., 85c.

TENNIS BALL. White seeded. A good forcing sort. ¼ lb., 25c; lb., 85c.

WHITE SUMMER CABBAGE. A very hardy all round green heading variety. ¼ lb., 25c; lb., 85c.

COS LETTUCE.

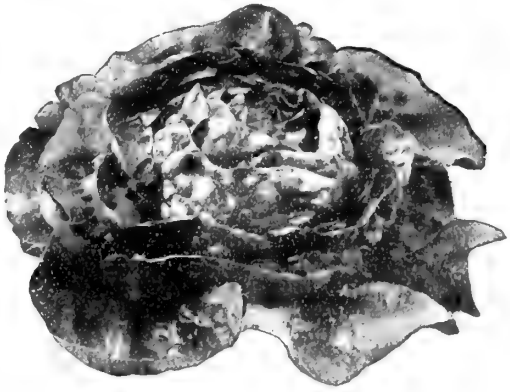
These Lettuces have a distinct upright habit and are considered by many to be the highest quality of all lettuces. Very crisp and sweet.

PARIS WHITE COS. Grows to large size. Self-closing. **Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., $1.10.**

TRIANON COS. Similar to above, but grows whiter and matures earlier. **Pkt., 5c; oz., 10c.; ¼ lb., 40c.; lb., $1.10.**

EXPRESS COS. The most dwarf and earliest of all. Delicious flavor. Self closing. **Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., $1.50.**

EXPRESS COS LETTUCE.



BIG BOSTON, Vaughan's Selected Stock.

The best large heading early variety. The most popular variety for the Southern gardener who ships North. Also very valuable as first early in the North. Plants are large, vigorous; leaves are bright light green, very tender. Our strain is unsurpassed. Many gardeners in the South will plant only Vaughan's Big Boston. **Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 35c; lb., $1.25.**

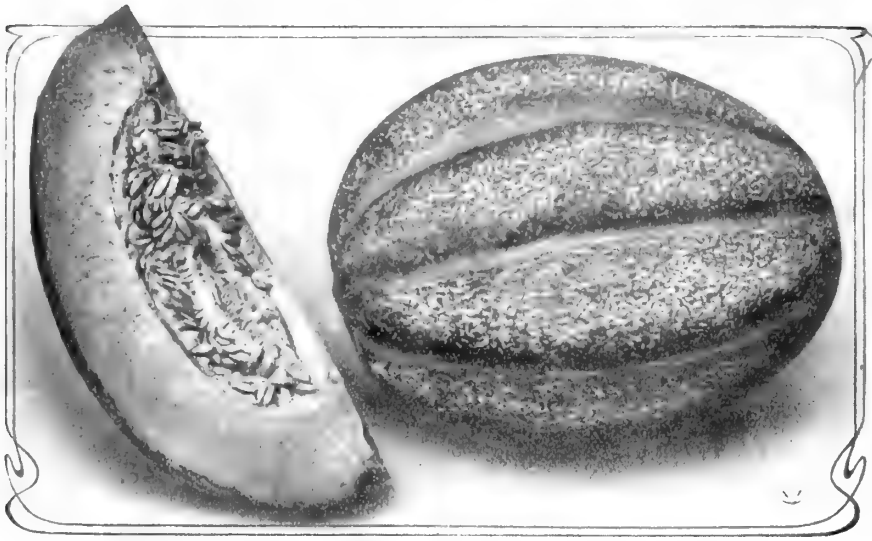
UNRIVALED. A light green strain of Big Boston. **Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., $1.25.**

ICEBERG. An extremely hard heading variety. Leaves have small indents. Good for home and market. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.**

Two Ounces to 100 Yards of Row, Four Pounds to the Acre.

MUSK MELON.

SPECIAL PRICES ON 5, 10 AND 20 POUND LOTS.



VAUGHAN'S ORIGINAL OSAGE. For the Table there is no Nicer Melon.

VAUGHAN'S ORIGINAL OSAGE.

HAVING first introduced this now famous melon, we have taken pride in maintaining its quality and the carefully selected type originally sent out, paying ten times the ordinary seed growing prices for especial care in saving the seed which we offer of this. There is little description needed. This distinct, large, salmon-fleshed, high-quality table melon is well known the country over under its own name, and becomes more and more so each year. It is liked everywhere and each season finds an increased sale of and demand for Vaughan's type of Osage from the best restaurants and hotels in Detroit, Chicago, and other leading cities where melon buyers are most critical. Our strain is dark skinned and but moderately netted. The flesh is of peculiar orange color, rich, extra thick and of highest flavor.

Vaughan's Selected Stock Seed, pkt., 10c; ½ oz., 15c; oz., 25c; 2 ozs., 45c; ¼ lb., 75c; lb., $2.60. Price, regular stock, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; lb., $1.25.

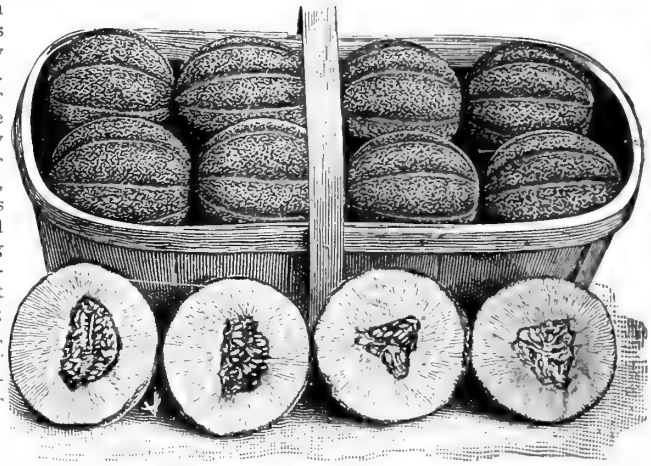
Our Osage Melon if planted 5x6 feet apart in the row and one in a hill will give large melons, 6 to 10 filling a crate 12-inch by 20-inch. It is not so subject to blight as many other varieties and has the peculiar merit of ripening up sweet melons after the vines have been struck by disease.

VAUGHAN'S PAUL ROSE or PETOSKEY.

HERE we have a Musk Melon which produces a higher percentage of high quality table Melons in every crop than any variety grown except the Rocky Ford Netted Gem, raised without rain and under irrigation. Our Paul Rose is most distinct in appearance and even in type of any variety introduced in the last dozen years. Because of its perfection in appearance and evenness all the seedsmen in this country have been compelled to buy it from us and offer it in their catalogues. This is a hybrid of the Osage with Netted Gem. Combines the color and thickness of meat of the former with much of the flavor and some of the netting of the Gem. It also has a firmness of meat and cheesy structure of the flesh peculiar to the Osage and a sweet, rich flavor distinctly its own. In solidity it is superior to any Melon in existence, because of this thickness and firm flesh free from stringiness it does not become watery or break down through keeping the melons, and they retain their firm condition twice as long as any other shipping melon. It is perfect as a basket melon for the shipping trade. Market gardeners have always made money out of its sales. Ripens about ten days earlier than the Osage. The average length is five inches; the average weight is 1½ lbs. Flesh reddish salmon, outside green, netted like Gem. It will pay you to come to us, the originators, for Paul Rose Melon Seed. No other seed of this kind equals our selection in quality because their growers have not the same knowledge or painstaking interest in maintaining the perfect type.

Price: Vaughan's Selected Stock Seed (Michigan grown), **pkt., 10c; oz., 15c; 2 ozs., 25c; ¼ lb., 45c; lb., 2.25.**

Vaughan's Regular Stock, **pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; lb., $1.35; 5 lbs., by express, $5.00.**



VAUGHAN'S PAUL ROSE or PETOSKEY.
The Very Best Keeping and Shipping Salmon-Fleshed Melon.

A ROW OF HOODOO MELONS.

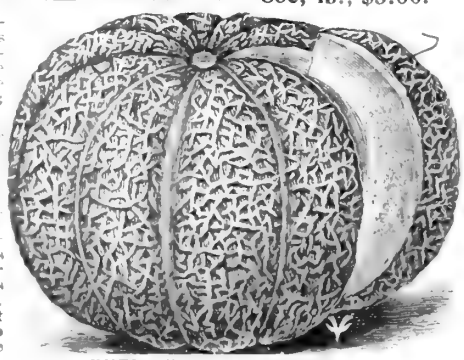
"As Like as Peas in a Pod." *See Inside Back Cover.*

This new melon is the equal in its many different points and the superior in its all round qualities, of any melon before the public today. **Pkt., 10c; 2 for 15c; oz., 25c; ¼ lb., 85c; lb., $3.00.**

SPECIAL SHIPPING OSAGE. We have this year a small quantity of a special strain of this melon, slightly more netted than original type, that has been selected particularly as a shipping melon. While it retains all the good points of the original, the prices are a little high, but the additional cost of selection compelled us to make it so. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.80.**

TIP TOP. **Selected Stock.** A Melon recommended to every lover of [illegible] and to every gardener who grows for the market. It is a yellow fleshed Melon of the very best quality; every Melon produced, big or little, early or late in the season [illegible] to the very rind. A strong grower, heavy yielder and of handsome appearance. **Pkt., 10c; oz., 15c; 2 oz. 25c; ¼ lb., 45c; lb., $1.50.**

Musk Melon for Market Gardeners. In no other market crop is the general public so confined in use to particular local varieties; for various reasons, probably mostly custom, certain cities and localities confine themselves almost exclusively to one or two varieties only. Before planting an acreage, it is best to determine the exact sort of Melon required in the selling market. We are always glad to furnish customers any information of benefit which we may have derived from our thirty years of experience.



EXTRA EARLY HACKENSACK.

Extra Early HACKENSACK.

This is a selection of the old Hackensack, which it resembles, but it is fully ten days earlier. The melons weigh from 4 to 10 lbs. and are of excellent flavor. Those who grow for market should remember that it is one of the best, as well as the earliest, hardiest and most prolific of Netted Musk Melons. **Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., $1.25.**

HACKENSACK. Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; lb., $1.25.

Centerville, Ia., Sept. 22, 1906. The melons are as fine as silk and there wasn't a thing in those I got but Tip Top. I want the same strain again. Can you supply it? T. J. Greene.

MUSK MELON.

VAUGHAN'S GEM MELONS.

Write for Special Prices on Large Lots.

NETTED GEM, ROCKY FORD—Selected Stock.

This seed is carefully grown, selected and saved at Rocky Ford under the care and supervision of one of the most careful shippers. It is well known that much seed offered as Rocky Ford stock has been saved by local growers from surplus or cull Melons by men who know nothing of the responsibility of the seed business. Careful planters should avoid this kind of stock no matter how highly exploited by persons who are not seedsmen. It is as dangerous as to buy poisonous drugs from a grocer instead of a druggist.

VAUGHAN'S SELECTED STOCK (From best melons). **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.75.**

ORDINARY STOCK (Seed from entire field planted only for seed). **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.**

ROCKY FORD MUSK MELONS. Vaughan's Special Stock.

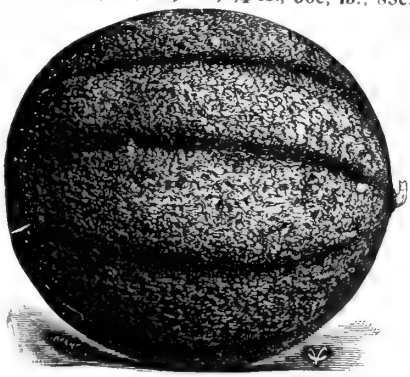
Oval Gem. Our regular stock of this at the following prices is first-class, carefully selected seed, such as no gardener need hesitate to plant. **Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., 90c.**

Benton Harbor Gems. This is a selection made by the best growers in the Michigan melon district. **Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25; 5 lbs., $4.60.**

Round Gem. This is the true original type of Netted Gem originated in Philadelphia, but our grower has improved it by weeding out so far as possible the oval type. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c.**

THE OSAGE GEM.

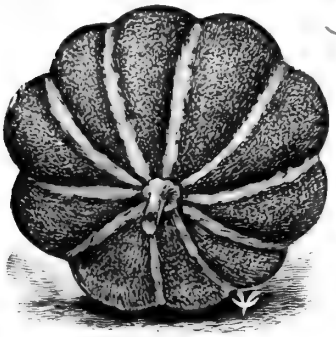
Combines the shipping qualities and flavor of the Osage and Netted Gem (Rocky Ford). A splendid shipper. Outside like the Netted Gem, inside like Osage or Paul Rose, it pleases the eye on sight and confirms the impression by its color and exquisite flavor when cut. It has two great advantages for the gardener. First, it will sell for the highest prices in any market where "Gems" are popular. Second, when cut it will please all customers who prefer a salmon fleshed melon. **Pkt., 10c; oz., 15c; 2 ozs., 25c; ¼ lb., 45c; lb., $1.60, postpaid.**



THE OSAGE GEM MUSK MELON.

EMERALD GEM.

One of the very sweetest of melons. The skin is smooth and of deep emerald color. Flesh is very thick and of a delicate salmon color. The vines bear early and are very prolific. For a home garden melon this is one of the very best on account of its superb quality. It is not a good shipper, on account of its thin rind. Our seed is of the very best, selected from best and sweetest melons only. **Pkt., 10c; oz., 20c; 2 ozs., 35c; ¼ lb., 60c; lb., $2.00.**



EMERALD GEM.

Ask for Vaughan's Vegetable Garden, which gives cultural directions for growing all vegetables. Free to customers.

Vaughan's Chicago Market. **This we consider the best Nutmeg** for earliness of maturity, large and uniform size, thickly netted skin, small seed cavity, deep green flesh, juicy delicious flavor and freedom from rot. A favorite with all who prefer a green flesh sort. **Pkt, 10c; oz., 20c; ¼ lb., 45c; lb., $1.60.**

Montreal Market. The very largest of all nutmeg sorts. The fruits are round, flattened at the ends and have very broad ribs. Flesh is green, fine quality. **Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., $1.75.**

FORCING MELONS.

Highest Table Quality.—Suited for Greenhouse Growing.

Emerald Gem Forcing. Salmon flesh, early, uniform. **Pkt., 15c.**

Turner's Seedling.—Originated by Wm. Turner of New Jersey. Grows between Royal Favorite and A1 High Quality, robust and free setting. **Pkt. (25 Seeds), 50c.**

A 1. Superb. Scarlet flesh.
Best of All. Green flesh.
Blenheim Orange. Scarlet flesh.
Diamond Jubilee, Green flesh.
Invincible Scarlet. Scarlet flesh.
Royal Sovereign. White flesh.

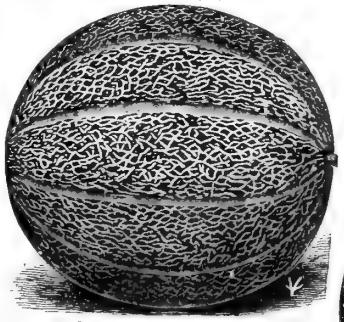
Price of the above, except where noted, each, Packet. 25c.

Garden Lemon **or Lemon Cucumber.** Fruits short, nearly round, with yellow and green markings, skin smooth, flesh exceedingly tender and of sweet melon flavor. Best when just turning yellow. Makes good preserves. **Pkt., 10c; 2 for 15c; oz., 25c.**

VAUGHAN'S IMPROVED MILWAUKEE MARKET.

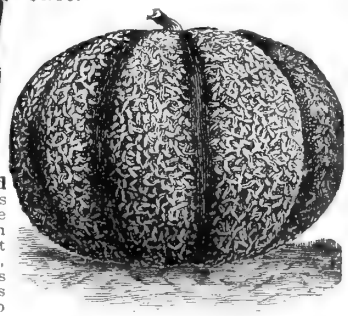
This is a fine new melon that made its appearance in Milwaukee a few years ago. It originated as a cross between the old Surprise and a Gem melon. Our strain has been improved by careful selection and we think for a fine home melon and a market-wagon variety it has no superior. The melon is light green in color, nearly round with only slight sutures, flesh a salmon color, wonderfully sweet, with almost no stringiness. In Milwaukee this melon has always commanded prices much higher than the Rocky Fords. **Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., $3.00.**

Champion Market. The flesh **is thick, light green** in color, and of **very rich, sweet flavor. It is as early as the Netted Gem,** which it resembles in shape and appearance, but is fully **three times larger;** very prolific and a good shipper. **Pkt., 10c; oz., 25c; ¼ lb., 45c; lb., $1.60.**



CHAMPION MARKET.

Jenny Lind. **Vaughan's Selected Stock.** This Melon is unexcelled in eating qualities. The rind is thicker on the ends than in the old variety, so that it does not "break down" easily in shipping, and yet it retains the flattened ends which by many is considered as giving good appearance and also permits compact placing in baskets or crates. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.10.**



JENNY LIND, Vaughan's Selected Stock.

OTHER GOOD SORTS.

THE SYRACUSE. The largest superior quality melon. Specimens weigh 6 to 9 lbs. Skin grayish green, flesh light green. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.10.**

EARLY CITRON, LANDRETH'S. Very early half flat sort. Flesh green, of fair quality. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c.**

BANANA. Cucumber shape. Delicious odor. Rather late maturing. **Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., $1.75.**

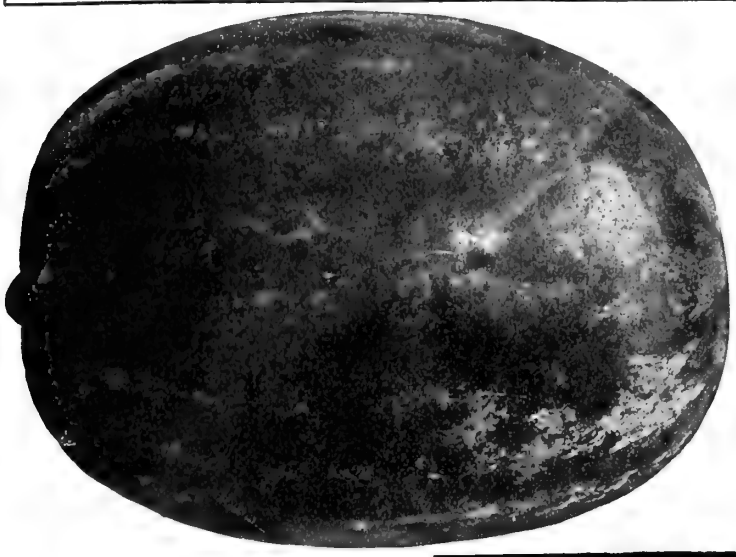
EXTRA EARLY NUTMEG. Nutmeg shape. Very early; green flesh. **Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., $1.00.**

BAY VIEW OR SWEET HOME. Heavy yielder, large oblong in shape. Green flesh. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.60.**

Mango Melon, or Vegetable Peach. Of golden yellow color, resembling an orange in shape and size, the flesh is snow white. They make splendid mangoes, stuffed like Peppers. For sweet pickles, pies and preserving they have no equal. Packet has cooking directions. **Large pkt., 10c; 3 for 25c. Write for special prices on 5, 10 and 20 pound lots.**

WATERMELON

The Northern States should have an early Water Melon. The best one yet found for this section is Cole's Early. Its chief fault is it does not ship. Early Fordhook is an excellent large, early shipper. The sweetest of Water Melons is the Kleckley Sweet. The best market varieties in the warmer states are Black Diamond, Kolb's Gem, Sweetheart, Triumph and Alabama Sweets.



COLE'S EARLY—*The Best Early Watermelon.*

COLE'S EARLY.

This is the best early Water Melon and is the most desirable variety for northern growing. The vines are sturdy and are very productive, outyielding many of the late sorts. Melons are of medium size, with thin, brittle rind, so not good for shipping. Flesh a fine red of delicious texture and excellent quality. This melon continues bearing for a long season. We have a carefully selected northern grown strain. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; by express, 5 lbs., $3.00; 10 lbs., $5.50.**

WINTER WATERMELON.

This melon is early, earlier than Sweetheart, and is a very prolific bearer. The flesh is red, of extreme firmness—in fact, almost hard as citron—very brittle and deliciously sweet. In color it is very light green, almost white. The firmness of the flesh causes it to be the longest keeper of the water melon family. Placed in a cool place it will keep long into the winter and still retain its delicious sweetness and flavor. **Pkt., 10c; ½ oz., 15c; oz., 25c; 2 oz., 40c; ¼ lb., 60c; lb., $2.00, postpaid.**

Fordhook Early. A good shipping large early Water Melon. Not as early or as sweet as Cole's Early. Short shape, but chunky and heavy. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c;**

Vaughan's Black Diamond. A cross between Kolb's Gem and Hoosier King. All that could be said of Kolb's Gem as to good shipping qualities can be truthfully stated in a higher degree of the Black Diamond. All the praise of high quality bestowed on the Sweetheart can be repeated of this melon, but its prominent point of merit is its **extreme size**—no melon ever yet produced anything like so uniformly large fruit, nor approached it in productiveness. **Melons weighing from 75 to 90 lbs.** are frequent. It is the most prolific Water Melon ever planted. Its color is a rich, dark green, almost black. Its symmetrical shape, roundish to bluntly oval, is uniform throughout the field. The vine is extremely vigorous. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; by express, 5 lbs., $3.00.**

True Ice Cream. An early season, delicious home market melon. It has too thin a rind for shipping. Few, if any, melons surpass this for quality and productiveness. Flesh bright scarlet, solid to center, melting and delicious. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

Alabama Sweets. A Southern favorite and at present the most popular shipping Texas melon. Dark green color, good size and excellent quality. We have an especially fine strain. **Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., $1.00.**

NEW WINTER WATERMELON.

McIver's Wonderful Sugar. One of the sweetest of Water Melons. Season rather late. The melon is of medium size, elongated shape and striped exterior. Rind thin and a poor shipper. Its value lies in its remarkable quality for the home garden, or nearby shipments. Flesh is a beautiful red color of fine texture and stringless. The vines are strong and productive. Light colored seeds. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; by express, 5 lbs., $3.00.**

Sweetheart. Our strain is a notably sweetheart kind for home and market use, and will hold its own (in the Water Melon patch) for many years to come. Vine vigorous and productive, ripening its fruit early; fruit large, oval, very heavy, uniformly mottled, light and dark green, rind thin but firm; flesh bright red, firm and solid, but very tender, melting and sweet. A fine shipper. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; by express, 5 lbs., $2.25; 10 lbs., $4.00.**

Iceberg or Blue Gem. In general shape, size and appearance, this is similar to Kolb's Gem, but is distinctly darker, and the skin where the melon rests on the ground is rich yellow instead of white, as in that variety. It has a very firm, hard rind, and is quite as good a shipper as the Kolb's Gem, but the flesh is much deeper colored, extends nearer to the rind, is much more tender and sweet. We think this variety much the best dark colored shipping melon yet produced. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

Kleckley's Sweet. The best quality of all Water Melons. Large oblong Melon, 20 inches in length, by 10 to 12 inches in diameter. The skin is dark green, fresh bright scarlet, the rind only about one-half inch in thickness. The scarlet flesh is sweet and sugary and is of such texture that it leaves no strings of pulp whatever in eating. The Melon is better for home use than for shipping, and we believe it is **the best table Melon today.** Monte Cristo is very much like it. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c; by express, 5 lbs., $2.50.**

Improved Kolb's Gem. The standard shipping Water Melon. Shape, oblong, nearly round, striped and mottled, dark green. The melons grow very large and the tough, though thin rind, permits considerable handling and shipping. Our improved strain is a week earlier than the ordinary Kolb's Gem, grows larger and is a heavier yielder. Quality fair. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; by express, 5 lbs., $2.25.**

Triumph. It is a cross between Duke Jones and Kolb's Gem. It has the handsome appearance and dark green color of the former and the shipping qualities of the Gem; medium season, very prolific, deliciously sweet and of enormous size. It possesses all the qualities that go to make up a desirable melon. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid; by express, 5 lbs., $2.25; 10 lbs., $4.00.**

KLECKLEY'S SWEET.

PRIZE WINNERS AT KANKAKEE DISTRICT FAIR, 1908.
"Kleckley's Sweet" took First Prize in the "Best Variety" Class.
"Triumph" took First Prize in "Largest Melon" Class.

NEW CHILIAN WATERMELON.

Does the best in a southern climate. It is about the only variety grown for the market in southern California. Very attractive, quite large, nearly round, has a dark green rind with black stripes extending from end to end. The flesh is bright red, solid, sweet and melting. **Pkt., 10c; oz., 15c; ¼ lb., 50c.**

STANDARD VARIETIES.

We can supply any of the following at the uniform price of: **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

Mountain Sweet	Phinney's Improved	Duke Jones
Cuban Queen	Dark Icing	Long White Icing
Colorado Citron	Rattle Snake	Red Seeded Citron
Florida Favorite	Early Fordhook	Iceberg
Jones Jumbo	The Dixie	Peerless.

Ten Pounds Will Spawn a Bed for a Family of Five.

MUSHROOMS.

Culture:—Our pamphlet "How to Grow Mushrooms" free to all buyers of spawn.

MUSHROOMS.

The Mushroom is one of the most delicately flavored and highly prized of vegetables. Its popularity is increasing every year until now it is to be seen in every hotel, restaurant and on most home tables. In spite of the vast increase in the amount produced prices are not only maintained but this year are higher than ever. On account of the demand and prices, to the successful grower mushroom growing offers a very profitable field. Success in commercial growing is only attained, however, with a minute and technical knowledge of the various details and should not be entered into on a large scale without a thorough understanding of these points and some practical experience on a smaller scale. There is no secret process of growing; however, details are very important and while even a beginner can obtain good results, to compete with old growing establishments on the market the maximum returns with the least possible cost is essential to financial success.

The above illustration is a drawing from a very successful bed, raised in a cellar, from pure culture spawn. The essentials to success are an even temperature of 50 to 60 degrees, good fresh manure, well prepared.

EASY TO GROW MUSHROOMS.

Within the last few years we have supplied a great number of private people with mushroom spawn, who grow mushrooms around the house, in the barn, wood-shed or any other out-building water-tight, where an even temperature during the fall, winter and spring months of 55 to 65 deg. may be maintained. Success has been almost universal. With any of our spawn we give free a book (How to Grow Mushrooms), and people who follow its simple instructions carefully should have no difficulty in getting a crop. Where success did not result the first time, a second trial almost without exception gave a good yield. We supply many of the largest commercial growers in this country, and we have on hand at all times in the season, fresh, well run spawn, which is so essential to success.

Streator, Ill.—The spawn I purchased of you is doing very nicely. One bed is starting to bear, and the spawn has been in only 5 weeks and 3 days, which is 10 days earlier than any other spawn I have used.

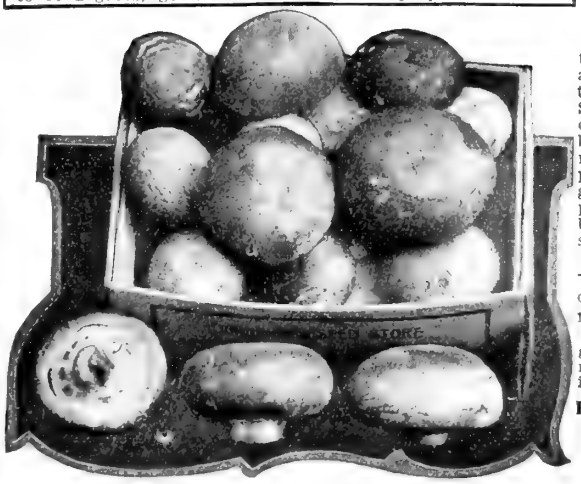
V. Kangley.

ENGLISH MUSHROOM SPAWN.

This is the best English make. Our manufacturer is the oldest Mushroom grower in England and the largest in the world. It is far superior to the old English Milltrack Spawn, being made from carefully grown selected specimens. This spawn is made especially for us, who handle more of this article than any one in the United States, and we receive fresh importations eight to ten times each year. Commercially it is more planted than any other spawn. It comes in pressed bricks weighing almost 20 ounces. They are broken into pieces the size of a walnut and put sidewise in the beds eight inches apart each way. **Prices, per brick, 25c; 5 for $1.00; postpaid. By express or freight, per brick, 15c; two for 25c; 8 bricks, $1.00; 25 lbs., $2.00; 100 lbs., $6.50; if shipped from New York, $6.00.** Special prices on ½ ton lots and upward.

FRENCH MUSHROOM SPAWN.

French Spawn is planted for the growing of button mushrooms. Ours is the very best to be had, being grown from selected mushrooms. Put up in boxes of 2 pounds each. **Price, per box, 75c; if by mail, $1.20.** The same loose, **per lb., 35c; if by mail, 45c; 10 lbs., $3.20.**



Raised from Vaughan's Special English Spawn.

VAUGHAN'S "GARDEN CITY" PURE CULTURE SPAWN.

Formerly all Mushroom Spawn was obtained from wild Mushrooms growing along the English mill tracks. By scientific research Spawn makers now produce Spawn from select Mushrooms from their own cultivated beds. Moreover, the bricks of Spawn are now inoculated directly from the test tube cultures, thus producing a much stronger and quicker growth, both in the brick and in the planted beds; neither was formerly possible when Spawn cultures were so very scarce.

Vaughan's Garden City Pure Culture Tissue Spawn has met with immense success, in many places the yields being nearly twice what they formerly were.

Our manufacturer is the most successful grower in the United States. We receive monthly shipments in season, so our spawn is always fresh and strong.

PRICE: Standard Bricks—Inoculated from Direct Bricks. **Per brick, 35c; 5 bricks, $1.40, postpaid; by express, 10 bricks, $1.85; 25 bricks, $3.75; 100 bricks, $12.00.**

We can also offer direct bricks inoculated direct from laboratory cultures. Write for prices.

VARIETIES. Unless otherwise ordered, we supply a cream-brown colored variety. We can also supply the pure white and named sorts, Alaska, Holland and Bohemia.

MUSHROOM BOOKS—Tell All About It.

MUSHROOM CULTURE. How to prepare the beds and raise the Mushrooms, Robinson, best English book, cloth bound, **50c**, postpaid.

MUSHROOMS. By W. Falconer. The best American book. Postpaid, **$1.00.**

MUSHROOMS. How to Grow. By Fraser, 12 pages, published by Vaughan's Seed Store. Price **10c**, or free with every order for spawn amounting to one dollar or over, if requested with order.

PURE CULTURE MUSHROOMS. 32 pages, 25c, postpaid. Free with order for spawn over two dollars.

MARTYNIA, For PICKLES.

The young and tender seed pods make a very fancy pickle. These pods are of curious shapes and bear abundantly. They should be gathered when less than half grown. For culture see Vaughan's Vegetable Garden. **Pkt., 10c; ½ oz., 20c; oz., 35c.**

MUSTARD.

The leaves make a salad or may be boiled like Spinach.

CHINESE, OR GIANT SOUTHERN CURLED. The large leaves, which often measure 14 inches, are ready for use in about six weeks after sowing. Plants will continue to yield until frosty weather. Leaves are eaten boiled, like Spinach. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb. 70c.**

WHITE. Best for general use. **Oz., 5c; ¼ lb., 15c; lb., 40c.**

BROWN. Stronger than above. **Price,** same as white.

OKRA, or GUMBO.

This vegetable should be planted a great deal more than it is. Extremely easy to grow and its young seed pods are delicious in soups and alone. Probably the finest known vegetable for this use. Full planting and cooking directions on each package.

WHITE VELVET. Produces pods larger than any other. They are never prickly to the touch, always round and smooth, while in other varieties they are either ridged or square-holed. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

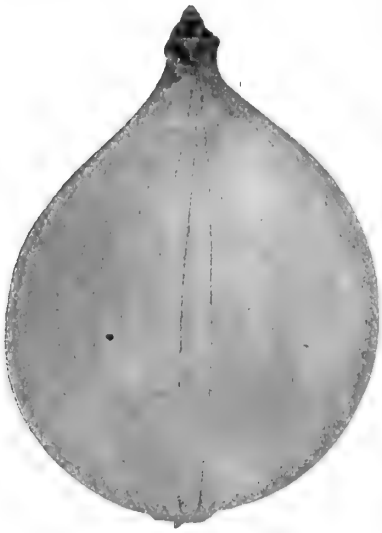
DWARF. Grows low but stocky and is very productive. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.**

TALL, or PERKINS' MAMMOTH. The long pods measuring 4 and 5 in. are produced in great quantities. The appearance is handsome, of green color and best quality. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.**

Okra or Gumbo.

VAUGHAN'S PEDIGREE ONION SEED.

Globe Varieties.



IDEAL WHITE GLOBE.

Onions have sold at low prices in common with nearly all vegetables; many unemployed, means lack of buyers, but even 43c a bushel in the Central West, with big yields, should not discourage good growers of onions.

Onion Seed is higher than for several seasons, caused by the scarcity and high price of seed bulbs for planting last spring, and by the blighting through hot dry weather of some Eastern fields. The vitality of seeds harvested is generally very good—Seed planters should always test their Onion Seed for themselves.

GLOBE ONIONS

Different markets and localities prefer different onions. Globe Onions are generally most popular and yield better than the other sorts. Flat onions are the earliest and the large sized kinds have the best flavor. Vaughan's Ideal White and Southport Blood Red, our special Ohio Globe and Apple Shaped Red Globe are ideal of their kind and the most critical planters can rely upon our seed. Every bag of seed is tested as to vitality.

VAUGHAN'S IDEAL WHITE GLOBE.

This is the handsomest of all Onions. **Our Genuine Eastern grown stock** is of the true globe form; pure white, hard, small necked, ripening very early and evenly, a good keeper. We supply the largest market gardeners in Chicago and the West. No market gardener or onion grower can afford to plant inferior seed, with only cheapness of price to recommend it, when seed like ours is to be had, the results of a few ounces often paying twice the first cost of the best seed.

Prices: Eastern Seed, Pkt., 10c; ½ oz., 15c; oz., 25c; 2 oz., 45c; ¼ lb., 85c; lb., $3.10, postpaid. By express, 5 lbs., $14.50; 10 lbs., $28.00.

Prices: Western Seed, Pkt., 10c; oz., 20c; 2 oz., 35; ¼ lb., 70c; lb., $2.60, postpaid. By express, 5 lbs., $12.00; 10 lbs., $23.00.

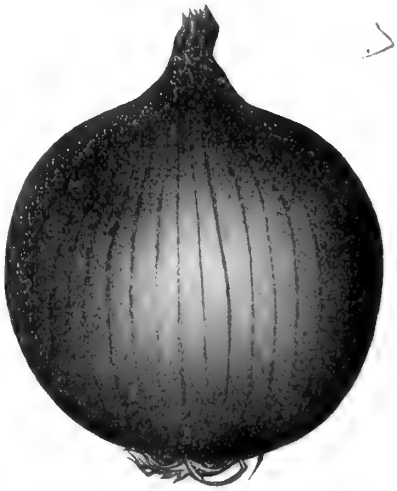
SOUTHPORT YELLOW GLOBE.

SOUTHPORT BLOOD-RED GLOBE.

Our Blood-Red Globe is a beautiful crimson red and a better lot of seed cannot be found. It is of immense size, very solid and firm—qualities which make it a fine seller and an excellent keeper. Our market garden customers regularly grow crops yielding 800 to 1,000 bu. from this seed. Our grower is an expert who especially selects this seed from large fine colored, solid bulbs, well cured and ripened, carefully avoiding all thick necked ones.

Prices: Eastern Seed, Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.75, postpaid. By express, 5 lbs., $8.00; 10 lbs., 15.00.

Prices: Western Seed, Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., $1.50, postpaid. By express, 5 lbs., $6.75;10 lbs., $13.00.



SOUTHPORT BLOOD-RED GLOBE.

SOUTHPORT YELLOW GLOBE.

A main crop, late, large, round onion. It is sure to satisfy the one who buys a packet or the one who sows 50 pounds for carload shipments. A truly grand onion, whose large golden-yellow spheres make a beautiful appearance, sacked or barreled for the market. Finest of all yellow onions for keeping. Our Eastern strain of seed is from a grower of twenty-five years' experience who makes a specialty of this variety. There is no better.

Prices: Eastern Seed, Pkt., 10c; oz., 20c, ¼ lb., 50c; lb., $1.75, postpaid. By express; 5 lbs., $8.00; 10 lbs., $15.00.

Prices: Western Seed, Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., $1.50, postpaid. By express, 5 lbs., $6.75; 10 lbs., $12.50.

OHIO YELLOW GLOBE.

Finest shaped, best colored and largest cropper of any yellow onion. This is an extra fine selection of the best colored, finest shaped and heaviest yielding bulbs, entirely distinct from the old type of Yellow Globe Danvers. It is earlier, has a smaller neck, is of perfect globe shape and uniform in size and color. Its small neck and solid flesh make it a very fine keeper. In yielding, many crops of over 1,000 bu. to the acre have been raised from this seed. Among seed growers this particular strain of Yellow Globe Onion is recognized as the best in existence. Seed of this is always scarce. Our seed is raised in Ohio by the most famous grower of the strain and is especially selected for its uniformity, which is remarkable, there being almost no variation in the handsome, large golden globed bulbs. See illustration showing uniformity.

VAUGHAN'S SPECIAL

Prices: Pkt., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 45c; lb., $1.75, postpaid. By express, 5 lbs., $8.00; 10 lbs., $15.00.

OHIO RED GLOBE.

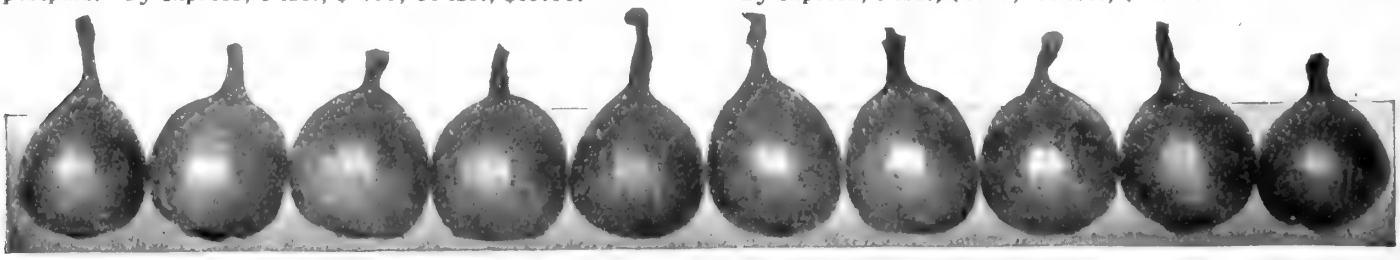
A very uniform Red Globe Onion similar in shape to the Ohio Yellow Globe. Lake county, Ohio, seed, grown by the originator.

Price: Pkt., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 45c; lb., $1.75, postpaid. By express, 5 lbs., $8.00; 10 lbs., $15.00.

EXTRA EARLY AUSTRALIAN BROWN GLOBE ONION.

Quick to mature; a long keeper; solid and heavy; an excellent onion for shipping. The bulbs are perfectly globe shaped. The skin is a light brown. Their solidity gives them great weight and a bushel weighs several pounds heavier than a bushel of American varieties. An average bulb will measure 3 in. in diameter each way and weigh about seven ounces. The onions are thin-necked and ripen very evenly in all soils.

Prices: Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.75, postpaid. By express, 5 lbs., $8.00; 10 lbs., $15.00.



A Line of Ohio Yellow Globe Onions, Showing Uniformity of Type of Vaughan's Special

GLOBE ONIONS. Continued.

Vaughan's Pedigree Onion Seed.

Iron Age Tools, New Model Seed Drills and Little Gem Cultivators. See Pages 144 and 145.

"FANCY YELLOW" GLOBE DANVERS.

This onion is the standard winter sort in many markets. The shape is almost globe form and the bulbs are quite large with thin necks, ripening down well. The skin is a fine brown, orange yellow, while the flesh is pure white, solid and of good quality. Its keeping qualities are of the best. This strain is so nearly globe shaped that it passes for a globe and its earliness makes it valuable for market. The crop is very uniform and ripens at one time. Our seed is the very best selection and care can make it. No gardener can afford to experiment with doubtful seed. **Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 45c; lb., $1.60. By express, 5 lbs., $7.25; 10 lbs., $14.00.**

Yellow Globe Danvers. This strain of Globe Danvers is equal to any usually sold, and may be relied upon as a first-class cropper. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.40. By express, 5 lbs., $6.25; 10 lbs., $12.00.**

VAUGHAN'S APPLE-SHAPED RED GLOBE.

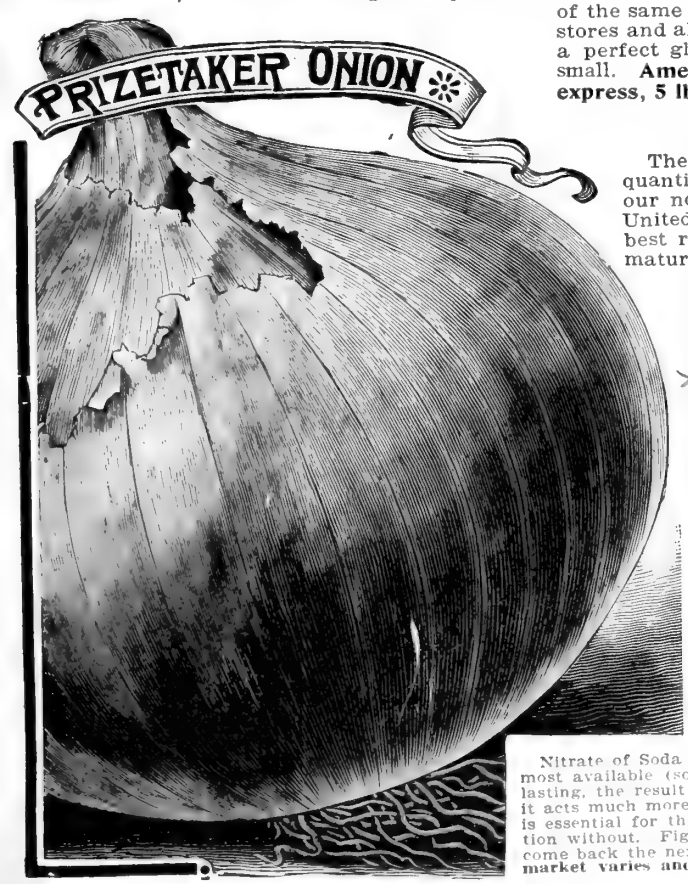
This is the most perfect market type of Red Globe Onion. It is, we think, ideal for enclosing the most bulk in the most compact shape. Its color is absolutely the darkest blood-red. Its size is equal to any of the largest types of Red Globe. Fifteen years ago this Onion was first planted in the West, under the name of Extra Early Red Globe. Since that time, grown on rich land, carefully selected for size, shape and color, it has been improved a little each year, until we believe it is now the very best of its class. This Onion (our seed) produced in 1904 the best crops ever raised in the famous Racine, Wis., onion district. On account of crop failure we cannot sell in larger lots than one pound this year. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $2.00. By express, 5 lbs., $9.00.**

VAUGHAN'S APPLE-SHAPED RED GLOBE.

Ailsa Craig. This is a new exhibition yellow, oval onion. Like Prizetaker, only larger. Should be transplanted to reach best size. See Novelties. **Pkt., 15c; 2 for 25c; oz., 35c.**

LARGE SIZED AND FLAT ONIONS.

Prizetaker Onion. **Vaughan's Selected Stock. The Handsomest, Largest Yellow Globe Onion.** An excellent keeper, of finest flavor, handsome shape and enormous size, many single Onions having been raised to weigh five pounds and over from seed the first year. It is of the same type as those immense imported Onions which can be seen in fruit stores and always command a very high price. The **Prizetaker** grows always to a perfect globe shape, with a bright straw colored skin, the necks are very small. **American Seed, pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 45c; lb., $1.75. By express, 5 lbs., $8.00; 10 lbs., $15.00.**



WHITE BERMUDA, TRUE TENERIFFE GROWN.

These are the mammoth onions which are annually grown in large quantities, both in Bermuda and our southern states, and imported to our northern markets in the early spring. In the southern part of the United States as well as Bermuda our imported Teneriffe seed gives the best results. In our northern climate the bulbs are much smaller, but mature early, and retain much of the mild sweet flavor of the imported ones. These beautiful oval shaped onions are unsurpassed for the home garden.

We offer seed imported direct from the best growers. **Pkt., 10c; ½ oz., 15c; oz., 25c; 2 oz., 45c; ¼ lb., 75c; lb., $2.75. By express, 5 lbs., $13.00; 10 lbs., $25.00.**

MAMMOTH SILVER KING.

This mammoth variety is one of the largest in cultivation, averaging from 15 to 22 inches in circumference, often weighing from 2¼ to 4 pounds each. It matures early and is of uniformly large size and fine shape, being flattened, but thick. The skin is of a beautiful silver-white, flesh snowy and tender, of mild, sweet flavor. Its striking size and handsome appearance, as well as mild flavor, recommend it for exhibitions at fairs, for the fancy market as well as the table. **Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., $1.60. By express, 5 lbs., $7.25.**

NEW CRYSTAL WHITE WAX. Teneriffe Seed.

This is a large pure white, flat onion. In the South, especially Texas, during the last few years it has become so popular that there has not been enough seed to meet the demand. In our trials last summer it showed itself to be a valuable variety also for the North. It grows to a good size very early and is the mildest and sweetest of all onions. It is the finest slicing onion for the home garden. True seed is very scarce. **Pkt., 10c; ½ oz., 15c; oz., 30c; ¼ lb., $1.00. RED BERMUDA (Teneriffe grown).** Price same as White.

THE VALUE OF NITRATE OF SODA.

Nitrate of Soda furnishes to young plants the most essential of all plant foods, nitrogen, in its most available (soluble) form. Applied when the plants are young, the effect is immediate and lasting, the result is an earlier and heavier crop. Its advantage over farm yard manure is that it acts much more quickly, for this reason for high priced early crops the use of Nitrate of Soda is essential for the best results. Try a crop, one portion with Nitrate of Soda and another portion without. Figure the difference in net results. Our customers who have once used it always come back the next season with an increased order. **For prices, see Fertilizers, page 143. The market varies and prices are subject to change. Write for prices on larger quantities.**

Vaughan's Pedigree Onion Seed.

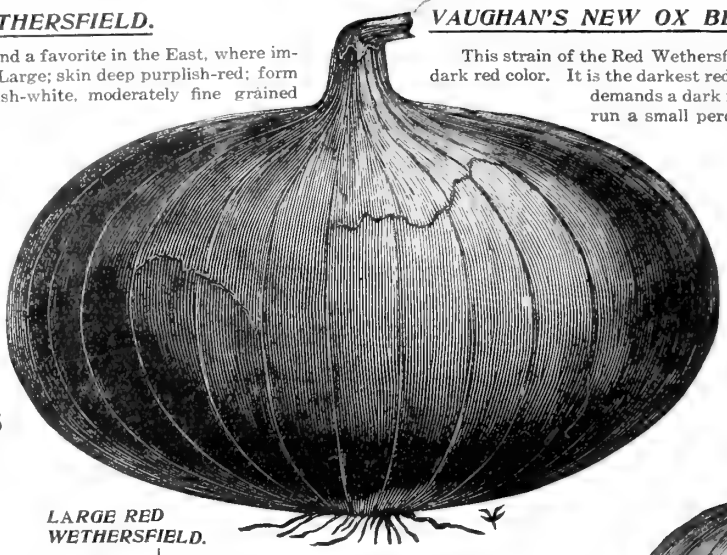
FLAT VARIETIES .·.

LARGE RED WETHERSFIELD.

This is the Standard Red Variety and a favorite in the East, where immense crops are grown for shipment. Large; skin deep purplish-red; form round, somewhat flattened; flesh purplish-white, moderately fine grained and stronger flavored than any of the other kinds. Very productive, the best keeper and one of the most popular for general cultivation. It is more inclined to form large necks, if planted on suitable soil, than the Danvers, but is the best variety on poor or dry soils. **Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., $1.75. By express, 5 lbs., $8.00; 10 lbs., $15.00.**

EXTRA EARLY RED. The first to ripen, and one of the handsomest of the red sorts. A medium sized flat variety, an abundant producer, and very uniform in shape and size. **Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., $1.75. By exp., 5 lbs., $8.00**

EARLY RED CRACKER. Very early. Good where seasons are short, also desirable for sets. **Pkt., 5c; oz., 20c; 2 ozs., 30c; ¼ lb., 50c; lb., $1.90. By express, 5 lbs., $8.75.**



LARGE RED WETHERSFIELD.

BOLTON ONION SETS.

THE BOLTON. The Onion for Sets.

An early, pale red variety, medium sized, shaped like Flat Danvers, with small tops. The sets from this seed make the finest and longest keeping sets there are. Also a desirable green onion variety on account of its earliness. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; lb., $1.35. By express, 5 lbs., $6.00.**

THE EARLY YELLOW CRACKER.

Makes very handsome Yellow Sets.

The earliest of all our yellow sorts, and is a desirable kind to raise where the seasons are short. Excellent quality. Needs to be harvested as soon as it dies down and handled carefully. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; lb., $1.40. By express, 5 lbs., $6.25.**

EARLY WHITE WELSH ONION.

For Green Onions. This kind does not form a bulb but is one of the best kinds for "Green Onion." The plants are perennials. They can be propagated by seeds or divisions. **Pkt., 10c; ½ oz., 15c; oz., 25c; 2 ozs., 40c; ¼ lb., 75c; lb., $2.00.**

YELLOW RUSSIAN ONION.

An exceedingly distinct kind. The bulbs are rather small and thick with the fault of frequently splitting into cloves. An excellent keeper. **Pkt., 10c; ½ oz., 15c; oz., 25c; 2 ozs., 40c.**

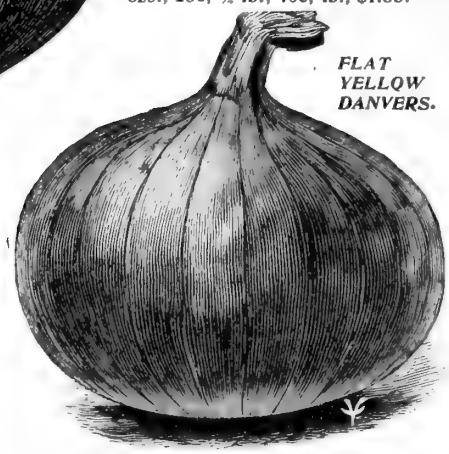
White Potato Onion Seed, Yellow Multiplier (Shallot) Seed, } **Each, per pkt., 10c.; ½ oz., 15c; oz., 25c; 2 ozs., 40c.**

VAUGHAN'S NEW OX BLOOD RED WETHERSFIELD.

This strain of the Red Wethersfield has been especially selected for its dark red color. It is the darkest red onion in existence and where a market demands a dark red onion, it has no superior. Inclined to run a small percentage of thick necks on moist, strong soils. The very best for dry, rather poor places. **Pkt., 10c; oz., 20c; 2 ozs., 35c; ¼ lb., 60c; lb., $2.00. By express, 5 lbs., $9.00.**

YELLOW DANVERS. (Flat).

An early productive variety. The Onions are of medium size, skin coppery yellow, flesh solid, white and mild flavored. Our strain is remarkable for its freeness from thick necks and is especially adapted to the growing of Yellow Bottom Onion Sets. A very fine sort for most locations. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; lb., $1.35.**



FLAT YELLOW DANVERS.

BROWN AUSTRALIAN.
Extra Early or Long Keeping.

Is of medium size, wonderfully hard and solid and most attractive for market, both as to form and appearance. Is extremely early in ripening, and never makes any stiff necks or scallions. It will keep longer in good condition than any other Onion known. The color of the skin is a clear amber-brown. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.35. By express, 5 lbs., $6.00.**

Large Yellow Dutch, or Strassburg.

One of the best yellows for sets. We sell hundreds of pounds for that purpose. Flat; flesh white, fine grained, mild and well flavored. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; lb., $1.40. By express, 5 lbs., $6.25; 10 lbs., $12.00.**

RELIABLE ONION SEED. Many years of experience in supplying seed to the large growers of onions throughout the country have taught us what strains of onion seed are most used and valued. These strains we have grown by the most expert of growers in different seed growing localities.

White Portugal or Silverskin.

A large, Flat Onion of mild flavor and great beauty, its clear white skin glistening like silver. A favorite with many for use when young as a salad or bunching onion, and for pickles; it is also a good keeper and fine for Fall and early Winter use. An excellent sort for gardeners who do not plant more than one variety. **Pkt., 10c; oz., 20c; 2 ozs., 35c; ¼ lb., 60c; lb., $2.10. By express, 5 lbs., $9.50; 10 lbs., $18.00.**

PHILADELPHIA SILVERSKIN.

This is only a particular strain of the White Portugal, especially valuable for White Sets. **Pkt., 10c; oz., 20c; 2 ozs., 35c; ¼ lb., 60c; lb., $2.10. By express, 5 lbs., $9.50.**

ITALIAN ONION SEED.

WHITE QUEEN. Remarkable for its earliness and very mild flavor; it is small and white skinned. Every family should sow an ounce or two for pickling in jars; a fine table relish. **Pkt., 5c; oz., 20c; 2 ozs., 30c; ¼ lb., 50c; lb., $1.70. By express, lb., $1.60; 5 lbs., $7.50.**

WHITE BARLETTA. It is a beautiful waxy-white color, much admired by housewives. **Pkt., 5c; oz., 20c; 2 ozs., 30c; ¼ lb., 50c; lb., $1.70, postpaid. By express, lb., $1.60; 5 lb., $7.50.**

GIANT ROCCA. A large globe shaped onion. The flesh is very sweet and mild. This variety ripens evenly and does well in both Southern and Northern climates. We offer two colors, brown and yellow. **Pkt., 5c; oz.; 15c; ¼ lb., 45c; lb., $1.60, postpaid.**

VAUGHAN'S PICKLING. This is a uniformly early, small, round, hard, crisp, tender and very handsome variety, with an opaque white skin, which does not turn green upon exposure to the sun. An excellent sort for use in bunching for pickles or grown larger for cooking. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 45c; lb., $1.70. By express, 5 lbs., $7.50.**

RED AND WHITE BERMUDA. Italian Seed.

Does well in Northern States, not so desirable in the South. Either color. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; lb., $1.50.**

VAUGHAN'S PICKLING.

ONION SET PRICES—Are subject to market changes and while we shall try to maintain catalogue prices, we cannot guarantee them throughout the season. Latest prices on quality lots quoted on request.

ONION SETS.

The Chicago market gardens in recent years have produced the best and perhaps half of all the Onion Sets grown in this country. These market growers have used Vaughan's seeds for thirty years. These customers of ours give us the first chance at their crops of sets, either by contract or after crop is racked, so we get the best graded stock and the best keepers. We use for our catalogue trade the most evenly sifted, medium sized sets offered in this market. These fancy sets we can offer at little or no advance over the market prices of ordinary stock.

We sell Bottom Onion Sets, Shallots, White Multipliers and Potato Onions by weight, 32 lbs. to the bushel. Top sets 28 lbs. to the bushel.

The Onion Sets crop, owing to the drought, is very short. The quality is excellent. Sets are small and keep well. Fall prices were very firm—spring will probably see values high.

A CHICAGO ONION SET FIELD (Curing Sets After Harvest.

THE USE OF ONION SETS.

FOR LARGE ONIONS—Bottom Onion Sets produce an Onion ready for market or the household from four to six weeks earlier than can be done by sowing the seed and the product of the set is identical with that of the seed. This gives the market gardener ample time to sell his entire crop at the early high prices and permits the sowing of another crop on the land the same year.

FOR GREEN ONIONS—Onion Sets produce good green or Spring Onions on any soil in half the time it takes to raise these from seed. Every private garden should contain a sowing of sets.

HOW PRODUCED—Bottom sets are the product of Onion seed planted closely to prevent full development. Sets should be small, 1 in. or less in diameter, dry and unsprouted. Multiplier and Shallot Onion Sets are formed through the division of the bulb into many smaller ones. They are not grown from seed. Top sets are produced like seed, on the top of the stalks. Summer top sets make large bulbs one year and top sets the next.

White Bottoms. Our sets of these are very choice, small, dry and unsprouted. **Pint, 15c (by mail, 21c); qt., 25c (by mail, 37c); by freight or express, 2 qts., 45c; ½ peck, 65c; peck, $1.00; bu. (32 lbs.), $3.50.**

Yellow Bottoms. Fine dry sets, medium in size and unsprouted. **Pint, 15c (by mail, 21c); qt., 25c (by mail, 37c); by freight or express, 2 qts., 40c; ½ peck, 60c; peck, 90c; bu. (32 lbs.), $3.25.**

Red Bottoms. Bright deep red in color. Even and dry. **Pint, 15c (by mail, 21c); qt., 25c (by mail, 37c); by freight or express, 2 qts., 40c; ½ peck, 60c; peck, 90c; bu. (32 lbs.), $3.25.**

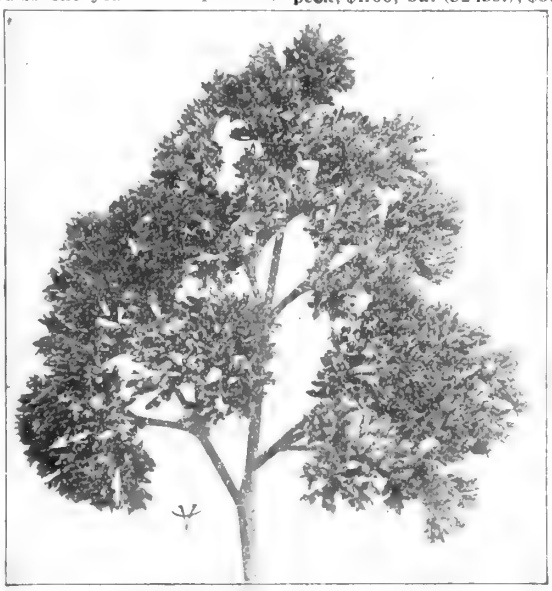
SPECIAL OFFER.

White, Yellow and Red Bottom Sets.

		By mail, postpaid.	By express, buyer's exp.
One pint,	each....	$0.55	$0.40
One quart,	"	1.00	.70
Four quarts,	"		1.75
One peck,	"		2.50
One bushel,	"		9.00

Vaughan's "Hazel Size" Onion Sets.

These extra selected sets measure about ⅝ inch in diameter, and are as uniform as it is possible to grade them. Price for White, Red or Yellow, 20c per pint, or 30c per quart. Larger quantities at the quart price. Add 6c per pint and 12c per quart if ordered by mail.



CHAMPION MOSS CURLED PARSLEY.

White Multiplier Onion Sets. Green Onions for First Early Spring Bunching. They are of a pure silvery-white color, **enormously productive,** frequently producing as many as **twenty bulbs in a single cluster** from one bulb planted; of excellent quality and size for bunching. **Their keeping qualities are remarkable,** having kept perfectly sound for a year, but their most important quality is **extreme earliness, being** ready for market **three to four weeks ahead of other Onion sets. Pint, 20c (by mail, 26c); qt., 30c (by mail, 42c); by freight or express, ½ peck, 65c; peck, $1.00; bu. (32 lbs.), $3.50.**

Shallots or Yellow Multipliers. **Pint, 20c (by mail, 26c); qt., 30c (by mail, 42c); by freight or express, ½ peck, 65c; peck, $1.00; bu. (32 lbs.), $3.50.**

Red Spring Top Sets. These are planted to produce both early "Green Onions" and large eating onions. **Pint, 20c (by mail 26c); qt., 30c; (by mail 42); by freight or express, ½ peck, 65c; peck, $1.00; bu. (32 lbs.), $3.50.**

Egyptian, or Red Perennial Onion.

This variety never forms a large bulb; its value lies wholly in its **special adaptability to produce Green Onions** for Spring or Fall use which are perfectly hardy and stay in the ground all the time. **Pint, 12c (by mail, 18c); qt., 20c (by mail, 32c); by freight or express, peck, 80c; bu., $2.75.**

Yellow Potato Onion Sets. They produce large, dry ripe Onions, earlier than any other kind. **Pint, 20c (by mail, 26c); qt., 30c (by mail, 42c); by freight or express, ½ peck, 65c; peck, $1.00; bu. (32 lbs.), $3.50.**

PARSLEY.

Champion Moss Curled. This is a fine prize winning English variety, entirely distinct. It is a very quick robust sort, making remarkably handsome compact plants which have leaves so crumbled and curled as to give them the appearance of tufts of finely curled moss. The color is rich green, makit the very best parsley for garnishing. Its flavor is exceedingly pleasant and aromatic, so that for flavoring sauces, dressings, etc., it is unsurpassed. Very slow to run to seed and quite hardy. May be grown in pots or window boxes. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.**

DARK GREEN TRIPPLE CURLED. Bright Emerald color, extremely fine curled. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; lb., $1.25.**

DOUBLE CURLED. A very fine dwarf, handsome, green, curled variety. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.**

FERN LEAVED. Leaves so nicely and delicately cut as to resemble a frond of a fern. Good green color and nice flavor. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.**

PLAIN. The leaves are not curled; however, the flavor is excellent and plant is very hardy. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.**

Hamburg Rooted or German Parsley.

The root resembles a small parsnip and is the edible part of this sort; extensively used for flavoring soups. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

Hollow Crown Parsnip Long Smooth

(Abbott's Improved.) Smooth, large, tender and sugary; one of the best. Our stock is very fine. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c.**

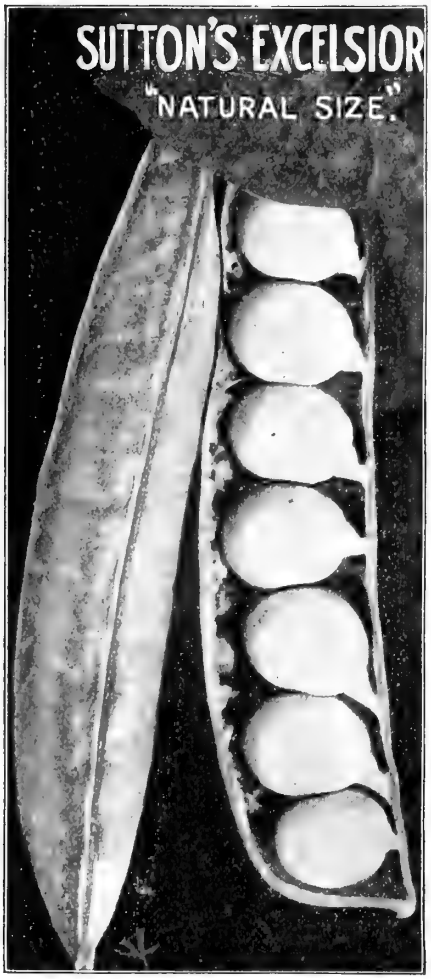
MAGNUM BONUM PARSNIP.

PARSNIP.

Magnum Bonum. A very fine and greatly improved strain of Hollow Crown Parsnip which we can recommend to all market men as a moneymaker. The roots are smooth, not so long as those of the standard sort, somewhat thicker in diameter and much more easily pulled. A very heavy cropper. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c.**

Vaughan's Marrowfat. A very fine new parsnip. It grows to a good size, is of perfect form and the skin is very smooth. When cooked the flavor is far superior to other varieties. Its handsome appearance makes it much in demand for show purposes. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.**

Improved Guernsey. An improved strain, which has given general satisfaction. The roots do not grow so long as those of the Hollow Crown, but are of greater diameter and more easily gathered. Of excellent quality. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.**



The Best Early Garden Pea.

PEAS. Dwarf Sorts.

SUTTON'S EXCELSIOR.

This pea is an innovation among first early dwarf wrinkled peas; the pods are larger and broader than the usual dwarf peas, are square at the ends and are light green in color. The vines grow eighteen inches high, are very hardy, permitting early planting, and are very heavy bearers. On account of its hardiness and its good sized pods of excellent quality, many prefer it to the large-podded but tender Gradus. Season two days later than Nott's Excelsior. **Pkt., 10c; pint, 15c (by mail, 23c); qt., 30c (by mail, 45c); 2 qts., 55c; ½ peck, $1.00; peck, $1.75; bu., $7.50.**

DWARF TELEPHONE.

Medium season; dwarf vines; a good bearer, often carrying pods equal in size, shape and fullness to those of the Tall Telephone, with peas equally well flavored. It has a strong tendency to sport and show a large per cent of small pods, thus compelling careful selection. Our seed has been most carefully re-selected and will give satisfaction. We consider it one of the very best of its class. **Pkt., 10c; pint, 15c (by mail, 23c); qt., 30c (by mail, 45c); 2 qts., 60c; ½ peck, $1.10; peck, $2.00; bu., $7.50.**

IMPROVED STRATAGEM.

This is one of the finest dwarf wrinkled peas. In quality it is unsurpassed, the peas when cooked being of the most delicious sweetness. Vines grow 18 inches to 2 feet, so they do not have to be brushed; nevertheless, they bear many very large pods packed with immense dark green peas. Fine for home and market. **Pkt., 10c; pint, 15c (by mail, 23c); qt., 30c (by mail, 45c); 2 qts., 55c; ½ peck, $1.05; peck, $2.00; bu., $7.50.**

			Postpaid by Mail.	By Express at Buyer's Expense.
Succession Collection Dwarf Peas. Sutton's Excelsior. Dwarf Telephone. Improved Stratagem	No. 1.	One packet each of the three	$0.25	$0.20
	No. 2.	One pint each of the three	.65	.40
	No. 3.	One quart each of the three	1.25	.80
	No. 4.	½ peck each of the three		2.90
	No. 5.	One peck each of the three		5.25
	No. 6.	One bushel each of the three		20.00

DWARF TELEPHONE PEA.

Nott's Excelsior. The most popular early dwarf wrinkled pea. As hardy as the extra early round seeded varieties. Two to three days later, but in quality far surpassing those sorts. A very fine yielder, usually outyielding such varieties as American Wonder and Little Gem. Height 15 inches, requires no brushing or support. The pods are light green in color, about three inches long and each pod contains five to seven large peas which are tender and of unusually fine flavor. Vine sturdy and vigorous. A most desirable variety for household use. **Pkt., 10c; pint, 15c (by mail.23c;); qt., 30c (by mail, 45c); 2 qts., 55c; ½ peck, $1.00; peck, $1.75; bushel, $6.50.**

American Wonder. At the very head of the list of dwarf peas for flavor and quality. Height 10 to 12 inches. Very prolific, with pods of fine size and form. It matures among the first of the wrinkled sorts. It is strictly a pea for the family garden, requiring no brush or support. It may be planted a week apart for succession. Our stock is most carefully selected. **Pkt., 10c; pint, 15c (by mail, 23c); qt., 30c (by mail, 45c); 2 qts., 55c; ½ peck, 90c; peck, $1.60; bu., $6.00.**

Premium Gem. This pea grows 16 inches high. Is a week later than American Wonder. Though a little later in season, it is, however, a better yielder. The pods are 2½ to 3 in. long and are well filled with a fine quality of wrinkled peas. **Pkt., 10c; pint, 15c (by mail, 23c); qt., 30c (by mail, 45c); 2 qts., 55c; ½ peck, 90c; peck, $1.60; bu., $6.00.**

Little Gem. Similar to the above, but is somewhat larger and a little later. Price the same.

Tom Thumb. The earliest dwarf pea. Poor flavor and quality. Not recommended. **Pkt., 10c; pint, 15c (by mail, 23c); qt., 25c (by mail, 40c); 2 qts., 45c; ½ peck, 80c; peck, $1.50; bu., $5.50.**

Little Marvel Peas. A new dwarf variety of the same season as Nott's Excelsior and American Wonder with larger pods and peas. Quality excellent. **Pkt., 10c; ½ pint, 15c (by mail, 19c); pint, 25c (by mail, 33c); qt., 45c (by mail, 60c).**

Laxtonian. Described on Novelty Page No. 6. A dwarf Gradus two or three days later in season than Nott's. The coming early dwarf pea. **Pkt., 15c; 2 pkts., 25c; ½ pt., 35c (by mail, 39c); pt., 65c (by mail, 70).**

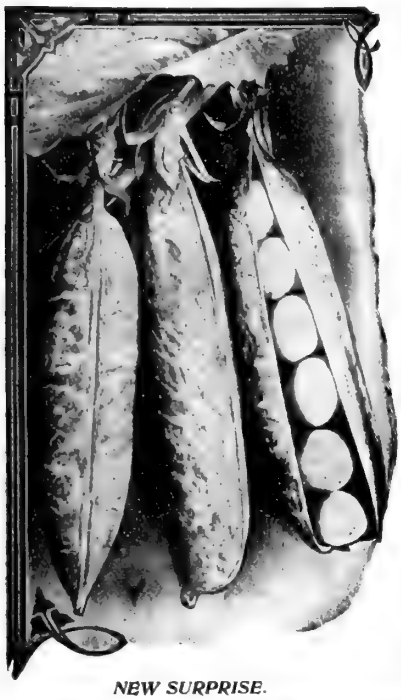
Vaughan's Perfect Gem. Described on Novelty page No. 7. A long podded dwarf pea of the season of Premium Gem. A pea of sterling merit which will soon establish itself in public favor. **Pkt., 10c; ½ pint, 15c (by mail, 19c); pint, 25c (by mail, 33c); qt., 45c (by mail, 60c); 4 qts., $1.50; peck, $2.65.**

Vaughan's Forcing. A small American Wonder for green house and frame use. **Pkt., 10c; ½ pint, 20c (by mail, 21c); pint, 35c (by mail, 43c).**

Witham Wonder. A high quality, heavy yielding, second early variety. Our customers who tried this last year are very enthusiastic. **Pkt., 10c; ½ pint, 15c (by mail, 19c); pint, 25c (by mail, 33c); qt., 45c (by mail, 60c); 4 qts., $1.50; peck, $2.65.**

NOTT'S EXCELSIOR.

PEAS. | Medium Height and Extra Early. | NORTHERN GROWN.



NEW SURPRISE.

Surprise. The earliest of all the sweet, wrinkled peas. This remarkable new sort is a cross between American Wonder and Alaska, possessing the quality of American Wonder and the early season of the Alaska, being only two days later, although not quite so hardy as the latter. The vines grow 24 inches and need no bushing or support. The pods are good sized and well filled; the earliest good quality pea for the home garden. **Pkt., 10c; pint, 15c (by mail, 23c); qt., 30c (by mail, 45c); 2 qts., 55c; ½ peck, 90c; peck, $1.65; bu., $6.25.**

Alaska. The earliest pea on the market. The seed is smooth and of bluish color. On this account it is very popular with canners. It is also one of the most desirable first early market garden sorts. Very uniform in ripening and an excellent yielder. Quality is only fair. **Pkt., 10c; pint, 15c (by mail, 23c); qt., 25c (by mail, 40c); 2 qts., 45c; ½ peck, 85c; peck, $1.65; bu., $6.25.**

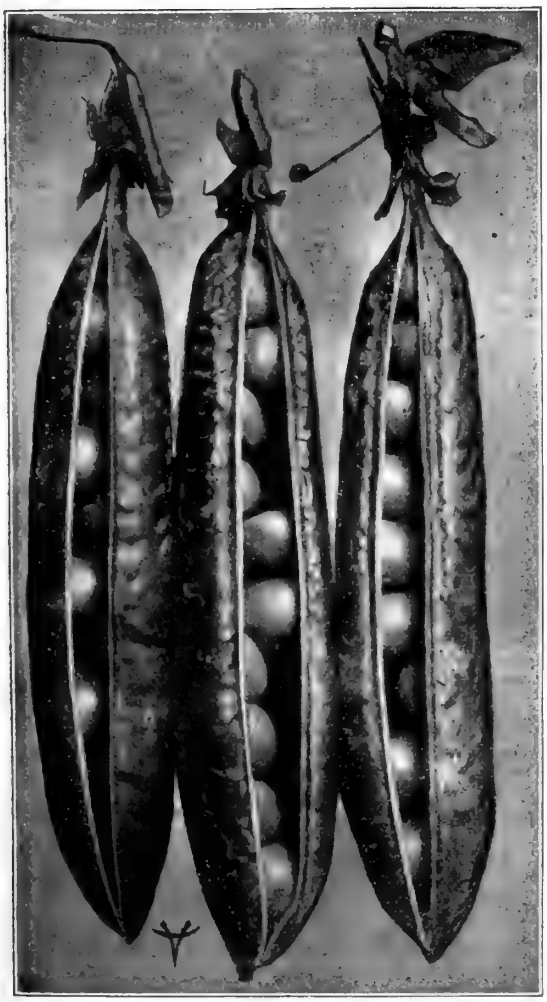
Maud S. This is the earliest selection of the extra early pea. Season is exactly the same as Alaska and seed is round, smooth and cream colored when ripe. Quality is a little better than the Alaska, although perhaps the yield is not quite so heavy. It is especially adapted to the market gardeners' needs as the pods ripen so evenly that they may be gathered at one picking. Pods 2½ to 3 in. long, 5 to 7 peas in a pod, vine height 20 to 26 in. There are many strains of the extra early pea, of which this is as desirable a one as years of careful selection can make it. **Pkt., 10c; pint, 15; (by mail, 23c); qt., 25c (by mail, 40c); 2 qts., 45c; ½ peck, 80c; peck, $1.50; bu., $5.50.**

First and Best. Another strain of the above extra early type. Also sold as Philadelphia Extra Early, Rural New Yorker, Daniel O'Rouke, Best Extra Early, etc. Not quite as early as Maud S., but a slightly better yielder. **Pkt., 10c; pint, 15c (by mail, 23c); qt., 25c (by mail 40c); 2 qts., 45c; ½ peck, 75c; peck, $1.40; bu., $5.25.**

Thomas Laxton. A fine, first early, large podded wrinkled pea and the only rival to its famous parent, the Gradus Pea. Compared to the Gradus, it is the same season, following only a few days behind the extra early. It is hardier, standing much more severe weather. The pods are square at the end, while those of the Gradus taper, and the Laxton contains more peas of superlative flavor. For the home garden the Laxton cannot be too highly recommended. It grows 3 to 3½ feet in height and bears a fine crop of pods containing 7 to 8 peas. **Pkt., 10c; pint, 20c (by mail, 28c); qt., 35c (by mail, 50c); 2 qts., 60c; ½ peck, $1.10; peck, $2.00; bu., $7.00.**

ALASKA, Earliest of All.

PEAS, Tall Sorts.--Vaughan's Succession Collection.



GRADUS, OR PROSPERITY.

GRADUS.

The most popular high quality, extra early, wrinkled pea. This remarkable pea is not only large and of the best quality, but is within two or three days as early as the small, round, extra early sorts. Gradus is a wrinkled pea, growing about 30 inches high; the pods are of a bright green color, measuring 4 inches or more in length, as large as Telephone, well filled with luscious peas, 8 to 10 or more in a pod. The peas are of the highest table quality and retain in a remarkable manner their color and attractive appearance after cooking. A little tender, so it should be sown in the warmest spot in the garden. A grand pea in all respects. **Pkt., 10c; pint, 20c (by mail, 28c); qt., 35c (by mail, 50c); 2 qts., 65c; 4 qts., $1.20; peck, $2.30; bu., $9.00.**

Vaughan's Improved Telephone.

This is, without exception, the best main crop pea in existence. The pods are of immense size, of a fine dark green color, much more desirable than the light green of the ordinary Telephone, and are well filled with peas of the largest size, which are tender and deliciously sweet. The vines are tall and sure croppers. The best main crop pea for both the home garden and market growing. (See further description page 46.) **Pkt., 10c; pint, 20c (by mail, 28c); qt., 35c (by mail, 50c); 2 qts., 60c; 4 qts., $1.10; peck, $2.00; bu., $7.50.**

CHAMPION OF ENGLAND.

Champion of England.

Although this is one of the oldest of the tall growing late peas, we have not yet found one that surpasses it in quality. There is no sweeter pea than this. The vines grow almost 5 feet high, are very vigorous and produce good sized pods filled with luscious peas in great abundance. We have a very carefully selected strain. **Pkt., 10c; pint, 15c (by mail, 23c); qt., 25c (by mail, 40c); 2 qts., 45c; 4 qts., 75c; peck, $1.35; bu., $5.00.**

Succession Collection

Tall Peas.

Gradus.
Improved Telephone.
Champion of England.

		Postpaid, by mail.	By express at buyer's expense.
No. 7.	One packet each of the three	$0.25	$0.20
No. 8.	One pint each of the three	.70	.45
No. 9.	One quart each of the three	1.25	.80
No. 10.	Four quarts each of the three		2.75
No. 11.	One peck each of the three		5.25
No. 12.	One bushel each of the three		14.50

PEAS. | Second Early and Main Crop.

Heroine. A main crop late dwarf pea. Grows 2½ ft. high, very sturdy growth, luxuriant foliage. Pods are long, pointed, slightly curved and well filled with peas of luscious flavor. For all general purposes as good as Stratagem and grows much more uniform and true. **Pkt., 10c; pt., 15c (by mail, 23c); qt., 30c (by mail, 45c); 2 qts., 55c; ½ peck, $1.00; peck, $1.75; bu., $6.50.**

Juno. A main crop dwarf wrinkled pea. The pods are long, straight and well filled with 8 to 10 large peas of superb flavor. The vines are very vigorous, hardy and prolific. **Pkt., 10c; pt., 15c (by mail, 23c); qt., 30c (by mail, 45c); 2 qts., 55c; ½ peck, $1.00; peck, $1.75; bu., $6.50.**

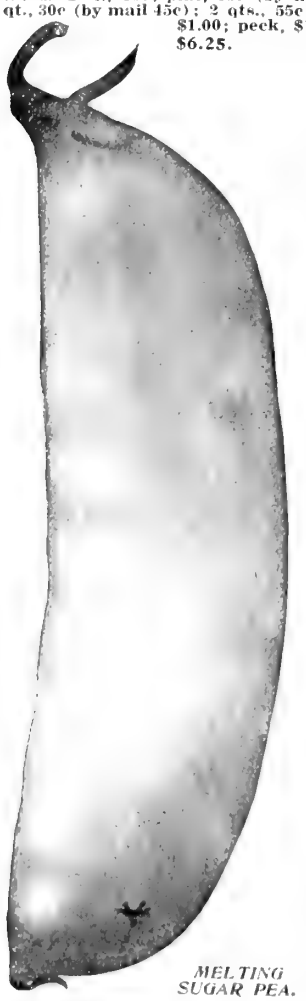
Pride of the Market. A dwarf wrinkled pea growing about 2 feet in height. Pods are medium green in color and very large, often containing nine peas of excellent quality. Not needing brush, it is a very good sort for the home garden. **Pkt., 10c; pint, 15c (by mail, 23c); qt., 30c (by mail, 45c); 2 qts., 55c; ½ peck, $1.00; peck, $1.75; bu., $6.50.**

McLean's Advancer. A great favorite and largely planted by market gardeners and canners because of its heavy yields. Grows about 2½ feet in height and produces long, well filled pods. Seed is green and very much wrinkled. About ten days later than Nott's Excelsior. **Pkt., 10c; pint, 15c (by mail, 23c); qt., 30c (by mail, 45c); 2 qts., 55c; ½ peck, $1.00; peck, $1.65; bu., $6.25.**

Horsford's Market Garden.

One of the heaviest yielding dwarf wrinkled peas. The vines run very uniform, have sturdy growth, producing many pods of medium size, always well filled. **Pkt., 10c; pint, 15c (by mail 23c); qt., 30c (by mail 45c); 2 qts., 55c; ½ peck, $1.00; peck, $1.65; bu., $6.25.**

VAUGHAN'S IMPROVED TELEPHONE.



MELTING SUGAR PEA.

Long Island Mammoth. Also called Telegraph. Regarded as a smooth seeded strain of Telephone, a little later, pods not so large nor quality of its large peas as good. The vine is hardier than Telephone, however. Seeds nearly smooth. **Pkt., 10c; pint, 15c (by mail, 23c); qt., 25c (by mail, 40c); 2 qts., 45c; ½ peck, 85c; peck, $1.60; bu., $6.00.**

VAUGHAN'S SWEET MARKET.

An excellent main crop pea. Its season follows right after the Extra Earlies and continues to bear much longer than most varieties. Very prolific and of fine quality. Height 2½ feet, strong, vigorous vines, many bearing as high as fifty pods. Pods 3½ inches long, filled with 7 to 9 peas. **Pkt., 10c; pint, 15c (by mail, 23c); qt., 25c (by mail 40c); 2 qts., 45c; ½ peck, 90c; peck, $1.60; bu., $6.00.**

Improved Stratagem. This is one of the finest dwarf wrinkled peas. In quality it is unsurpassed, the peas when cooked being of the most delicious sweetness. Vines grow 18 inches to 2 feet, so they do not have to be brushed; nevertheless, they bear many very large pods packed with immense dark green peas. Fine for home and market. **Pkt., 10c; pint, 15c (by mail, 23c); qt., 30c (by mail, 45c); 2 qts., 55c; peck, $2.00; bu., $7.50.**

EVERBEARING. A medium height, very prolific variety. Pods about 3 inches in length, large peas of good quality. Good for late Summer and Autumn use. **Pkt., 10c; pint, 15c (by mail, 23c); qt., 25c (by mail, 40c); 2 qts., 45c; peck, $1.50; bu., $5.50.**

BLACK EYE MARROWFAT. (Late.) A great yielder of ordinary quality peas. **Pkt., 8c; pint, 12c (by mail, 20c); qt., 20c (by mail, 35c); peck, 85c; bu., $3.25.**

WHITE MARROWFAT. Similar to Black Eye. Popular because of its heavy yield. **Pkt., 8c; pint, 12c (by mail, 20c); qt., 20c (by mail, 35c); peck, 85c; bu., $3.25.**

MAMMOTH MELTING SUGAR. A late, large podded Sugar Pea. Vine 4 to 5 feet. Quality the best of Sugar Peas. Pods 5 and 6 inches long, thick and fleshy. Cooked as string beans, they are a delightful dish. **Pkt., 10c; pint, 15c (by mail, 23c); qt., 30c (by mail 45c); 2 qts., 55c; peck, $1.75; bu., $6.50.**

EDIBLE PODDED PEAS.

DWARF GRAY SUGAR. Height 15 to 18 inches. Blossoms purple. Large pods, which are eaten like string beans. **Pkt., 10c; pint, 15c (by mail, 23c); qt., 30c; (by mail, 45c); 2 qts., 55c; ½ peck, 90c; peck, $1.60; bu., $6.25.**

TALL GRAY SUGAR. Tall growing strain of the above. **Price the same as Dwarf Gray Sugar.**

MELTING SUGAR. Later and somewhat better quality than other edible podded sorts. **Pkt., 10c; pint, 15c (by mail, 23c); qt., 30c (by mail, 45c); ½ peck, $1.00; peck, $1.75; bu., $6.50.**

TELEPHONE TYPES.

The Telephone is without doubt the most popular of all the garden Peas. It has not acquired this public favor without merit. Medium early in season, bears a long time; the pods are always of good size, well filled and the quality is of the very best. Does best when brushed.

Telephone. The old type is not quite so uniform as some of the improved varieties and has light colored pods instead of dark green. **Pkt., 10c; pint, 15c (by mail, 23c); qt., 30c (by mail, 45c); 2 qts., 55c; ½ peck, $1.00; peck, $1.85; bu. $7.00.**

Vaughan's Improved Telephone.

A very uniform and heavy yielding dark podded strain. Pods are very large and well filled. **Pkt., 10c; pint, 20c (by mail, 28c); qt., 35c (by mail, 50c); 2 qts., 60c; ½ peck, $1.10; peck, $2.00; bu., $7.50.**

Admiral Dewey. A strain very similar to Vaughan's Improved Telephone. Not quite so uniform. **Pkt., 10c; pint, 20c (by mail, 28c); qt., 35c (by mail, 50c); 2 qts., 60c; ½ peck, $1.10; peck, $2.00; bu., $7.50.**

Prince Edward. A strain especially selected for large pods. The largest podded of all of this type. Not quite so heavy a yielder as Vaughan's Improved Telephone. Fine for exhibition. **Pkt., 10c; pint, 20c (by mail, 28c; qt., 35c (by mail, 50c); 2 qts., 65c; ½ pk., $1.20; pk., $2.25.**

Alderman. An English selection of Improved Telephone. Very uniform. Pods a shade darker than Vaughan's Telephone. **Pkt., 10c; pint, 20c (by mail, 28); qt., 35c (by mail, 50c); 2 qts., 65c; ½ peck, $1.20; peck, $2.25; bu., $8.00.**

VAUGHAN'S SWEET MARKET.

CULTURE: SEE "VAUGHAN'S VEGETABLE GARDEN," A COPY FREE TO BUYERS OF VAUGHAN'S SEEDS.

PEPPER.

VAUGHAN'S MAGNUM DULCE, (The largest of all), NEAPOLITAN, AND NEW UPRIGHT SALAD. (See Novelties.)

PEPPERS are increasing immensely in popularity. The introduction of the new large fruited sweet sorts gives us one of the most delicious of all vegetables. Even the seeds of such varieties as Magnum Dulce, Chinese Giant Neapolitan and the New Upright Salad-Pepper are without fire. Fried, baked or stuffed in a green state they are delicious. See Novelty Pages.

SWEET MOUNTAIN.

YELLOW PEPPERS.

MAMMOTH GOLDEN QUEEN. There is a good demand for yellow peppers. This is the best of all yellow sorts. Large, sweet, prolific and mild. **Pkt., 10c; 2 for 15c; oz., 25c.**

GOLDEN DAWN. Small, mild and handsome. **Pkt., 5c; ½ oz., 12c; oz., 20c; ¼ lb., 60c; lb., $2.10.**

SWEET VARIETIES.

Vaughan's Improved Sweet Mountain. It is a strong grower, very productive. The peppers when young are of a bright deep green color, without any shade of purple; when ripe they are of a beautiful red; the flesh is thick, sweet and mild. They often grow 6 inches long by 4 inches through. Our strain has been selected with great care for over twenty years. **Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 60c; lb., $2.10.**

Large Bell or Bull Nose. The best known sweet red sort. Height two feet. Ripens early and is very prolific. The fruits are of good size, about three inches long and two inches through. Extra choice stock. **Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $2.10.**

Ruby King. Grows 4½ to 6 inches long by 3½ to 4 inches thick. The Peppers are bright ruby red; one of the best for stuffed pickles. The meat or walls are quite thick, crisp and tender. **Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 60c; lb., $2.10.**

Chinese Giant. **Double the size of "Ruby King."** Not only is it early in ripening and productive for so large a pepper, but its size will cause it to sell most readily. The fruits are of thick blocky form and of glossy scarlet. They grow four or five inches broad at the top, and are of equal length. All uniformly large. The flesh is mild and unusually thick; it makes an excellent salad sliced and served like tomatoes. **Pkt., 10c; ¼ oz., 20c; ½ oz., 30c; oz., 50c; ¼ lb., $1.50; lb., $5.50.**

Sweet Spanish Monstrous. Fruits are 6 to 8 inches long and 2 to 3 inches thick. Very sweet and mild. Eat when green. **Pkt., 5c; ½ oz., 12c; oz., 20c; ¼ lb., 60c; lb., $2.10.**

Elephant's Trunk. Peppers from 8 to 12 inches long, bright scarlet and mild. **Pkt., 5c; ½ oz., 15c; oz., 30c.**

HOT AND PICKLE VARIETIES.

CAYENNE PICKLING. Of dwarf habit, and does not branch very much, but unlike the ordinary Cayenne, the peppers grow erect on the plant, and are about 2½ inches long; just right for pickling. **Pkt., 10c; ½ oz., 15c; oz., 25c.**

CAYENNE LONG RED. The true Cayenne, hot and pungent. **Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., $2.50.**

TABASCO. The Tabasco Sauce has a national reputation for flavoring soup, oysters, meat, etc. The plants develop into large bushes bearing profusely the little bright-red peppers in sprays. A mature pepper measures about one inch in length. These Peppers are extremely hot and fiery in flavor. **Pkt., 10c.**

CHERRY. A rank grower and very prolific, yielding about eight times as many peppers as Cayenne. Peppers are small and round, being a trifle larger than the ordinary cherry. This is also good for pickling. **Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c.**

RED CLUSTER PUNGENT. **Pkt., 5c; ½ oz., 15c; oz., 25c.**

PEPPERS MIXED. Includes new and odd sorts. **Pkt., 10c; 3 for 25c.**

For Vegetable Plants, including Peppers, see page 137.

RUBY KING.

ORNAMENTAL SORTS.

CELESTIAL, or Christmas Pepper. Erect, conical fruit, about 1¼ inches long, cream color, changing to red. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.50.**

FANCY WRINKLED SORTS. Very distinct and ornamental. Small with beautiful coloring and pungent flavor. Used in pickles. **Pkt., 10c; oz., 30c.**

VAUGHAN'S EARLY POTATOES

RED RIVER VALLEY GROWN.

VAUGHAN'S WHITE OHIO. *VAUGHAN'S IMPROVED EARLY OHIO.*
Showing similarity except for color.

FOOSLAND, ILL.—I never saw finer seed potatoes in my life.—E. J. McCLELLAND.

VAUGHAN'S IMPROVED EARLY OHIO.

Our strain of Early Ohio has been grown for many years in the now famous Red River Valley Potato Section. We were the first seedsmen to start growing potatoes in that locality and our Early Ohios have always been the standard Red River stock and have done much to earn that valley its enviable reputation. In the Central States, the East and the South the strain excels all other seed in smoothness, earliness and yield. Southern planters are always willing to pay the added cost of freight and careful selection.

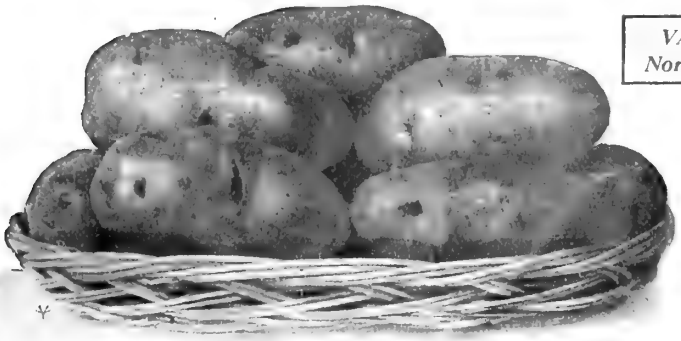
Vaughan's Improved Early Ohio seed is the earliest long heavy yielding potato in the market to-day. More seed of the Ohio Potato is sold each year than any three other sorts combined. It is the standard early potato. **By freight or express, ½ peck, 25c; peck, 45c; ½ bu., 90c; bu., $1.70; bbl., $4.50.**

VAUGHAN'S Selected Seed Potatoes have deservedly attained great popularity with potato planters whenever they are in need of a change in seed stock. **BECAUSE** we carefully handpick and sort all of our Potatoes. We throw out all small, scabby and prongy stock. We not only do this with all of the crop which we sell, but our own seed for planting is selected every year for trueness of type. In this way we aim to improve the quality year by year. We make trials of many new kinds and add to our standard list only those of proven merit. **IN EARLINESS** our stock appeals to all growers. It is raised in the Red River Valley of the North on ideal potato soil and we have never known a case where one of our customers has changed from his own growing to our stock seed without improving results.

The prices here quoted are f. o. b. New York. For Chicago prices deduct 50 cents per barrel and 20 cents per bushel.

VAUGHAN'S WHITE OHIO.

The standard early white potato. Introduced by Vaughan's Seed Store some years ago. There has been nothing to equal it yet for an early white potato. It is a selection from the Early Ohio and is equally as early. The quality is much superior—a fine yielder and the very best sort where a market demands a white variety. Many carloads of this variety are now raised for market in the South and West. **By freight or express, ½ peck, 30c; peck, 50c; ½ bu., 95c; bu., $1.80; bbl., $4.75.**



WOODBURY'S WHITE ROSE.

VAUGHAN'S Northern Grown

EARLY POTATOES.

WOODBURY'S WHITE ROSE.

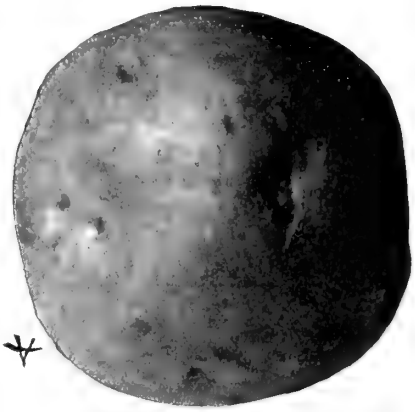
This is a medium early, enormously prolific white potato, a seedling of the Early Rose. We have been growing it now for three years and are sure that this is a coming variety. Almost as early as the Ohio, it yields as heavily as the Rural New Yorker and Carman. The vine is vigorous and a good blight resister. The tubers are of a more desirable shape than the Early Rose, not so long, and as the eyes are very shallow there is no loss in peeling. Its quality is superior to any other early sort. For the home garden this will prove a most profitable sort. **By freight or express, ½ peck, 35c; peck, 60c; ½ bu., $1.00; bu., $1.75; bbl., $4.75.**

HEWES EARLY. In stalk growth and blossom like the Acme. Originated by one of our Potato customers near Chicago and sent out by us. First-class early market sort of the Ohio type. **By freight or express, ½ peck, 25c; peck, 40c; ½ bu., 80c; bu., $1.50; bbl., $4.00.**

Slug-Shot, Paris Green and Sprayers of all sorts. See special pages in this book.

WHITE TRIUMPH. Identical with Bliss Red Triumph except in color. A most popular white variety for Southern use and one of the first to reach those Northern markets which require a white potato. Vines die quickly, thus avoiding blight. We deem it the best early white market sort. We were the first in the Central West to supply this variety and have sold it largely all through the South and on the Atlantic Coast. Customers should order early to be sure of a supply. **By freight or express, ½ pk., 25c; pk., 45c; ½ bu., 85c; bu., $1.60; bbl., $4.25.**

BLISS TRIUMPH. Also called Red Triumph. For more than 15 years a standard early potato in the south. Handsome, bright reddish, medium round, tubers very attractive when first shown in the early Northern markets. **By freight or express, ½ peck, 30c; peck, 45c; ½ bu., 80c; bu., $1.50; bbl., $4.00.**



NOROTON BEAUTY OR QUICK LUNCH.

NOROTON BEAUTY OR QUICK LUNCH.

These two varieties are now regarded as one and the same. It is an early white potato, round, with medium eyes. One of the very earliest kinds. Quality quite good. For ordinary purposes it is very hard to distinguish from the White Triumph, although it seems a slightly better yielder. Our stock is grown from that of the originator and is carefully selected. **By express or freight, ½ peck, 35c; peck, 60c; ½ bu., $1.60; bu., $1.75; bbl., $4.75.**

ACME.

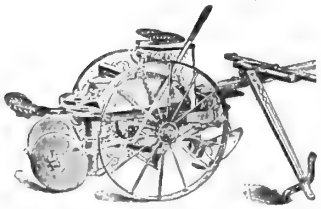
Of the Ohio type, in fact very similar to it as now grown in the Northwest. Our original stock, also called "Early Six Weeks," was earlier than the old type of Early Ohio. Prolific, and a first-class market sort. **By freight or express, ½ peck, 25c; peck, 40c; ½ bu., 80c; bu., $1.50; bbl., $4.00.**

IRISH COBBLER.

A chunky white netted early potato of splendid quality. Eyes are strong and well developed; flesh cream white, of excellent quality. Ripens one week later than our Improved Ohio, but has much better quality. A splendid yielder. Especially suited to dry climates on account of its deep roots. Is fast becoming the most popular of the early varieties. For the last two years we have sold out of this sort very early in the season. Our supply is again short. **By freight or express, ½ peck, 35c; peck, 60c; ½ bu., $1.00; bu., $1.75; bbl., $4.75.**

IRISH COBBLER.

"IRON AGE" POTATO MACHINERY.



We take pleasure in recommending to our customers, the "Iron Age" Potatoe tools as we know they will give unqualified satisfaction. We can supply the Planter, Sprayer, and Digger, and as our space here is too limited to give detailed description, we will mail illustrated catalogue on application which will give full details.

Iron Age Potato Planter No. 1 or 3, $80.00; with fertilizer Distributor.
" " " 2 or 4, 70.00; without " "
Iron Age Potato Digger, No. 120 ..... $90.00.

"Your Nebraska Late White Potato was the best yielding sort which I had this year, out-yielding the Rural New Yorker, Carman No. 3, and the famous New Gold Coin."—H. C. OVEN.

Report New Hampshire Experimental Station.—"Vaughan's New Late Nebraska Potato—very promising."

POTATOES. | Main Crop.

NEBRASKA NEW LATE WHITE.

This is one of the best main crop white Potatoes ever introduced. Everywhere this variety is out-yielding the very best main crop kinds. The vines are wonderful growers and very hardy. The tubers are flat, somewhat flatter than the Carman type, and the quality is superb. All the reports we have had on the Nebraska from potato experts and experiment stations have been very flattering. A Colorado grower brought us this year two pound tubers from a crop which went 400 bushels to the acre. In Michigan, Northern and Central, the Nebraska for two years now has out-yielded such varieties as Carman, Sir Walter Raleigh, Rural New Yorker, Beauty of Hebron, etc. **By freight or express, ½ peck, 35c; peck, 60c; ½ bu., $1.00; bu., $1.75; bbl., $4.75.**

VAUGHAN'S NEW LATE—NEBRASKA.

Vaughan's Pedigree Seed Corn, see pages 132 and 133, is raised by the most experienced breeders in the many different sections of the country where the particular varieties grow best. The varieties cover the Corn Belts of the country from North to South and include the best Yellow as well as the best White varieties, both early and late.

POTATOES.

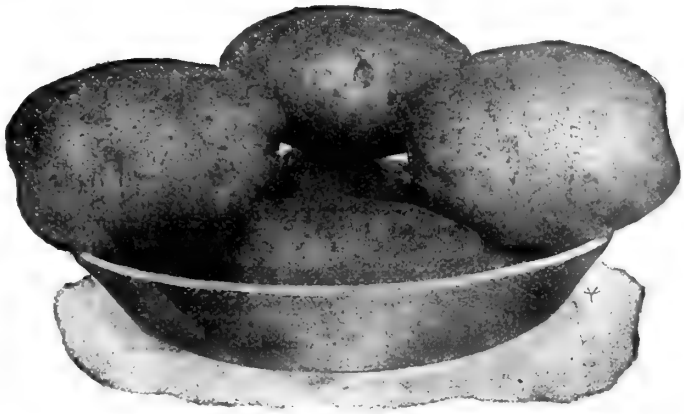
MAIN CROP.

CARMAN NO. 3.

One of the most popular of the Carman group of potatoes. A white, flat variety, which sets its tubers very close to the top of the soil, thus giving good yields in clay soil where other varieties do almost nothing. This characteristic applies also to Rural New Yorker and Sir Walter Raleigh. Carman No. 3 grows to the largest size of these sorts. Our seed has been very carefully selected and given the best soil for a number of years. **By freight or express, ½ peck, 25c; peck, 40c; ½ bu., 75c; bu., $1.40; bbl., $3.75.**

SIR WALTER RALEIGH.

An A1 late potato. A seedling of Mr. Carman's, whose work on potatoes has become famous. This is an improved Rural New Yorker No. 2. Yields almost all marketable sized potatoes, which are a little earlier and of better quality than Rural. (Read our description of Rural.) Exceedingly fine grained and white fleshed, equaling the old Snowflake. **By freight or express, ½ peck, 25c; peck, 40c; ½ bu., 75c; bu., $1.40; bbl., $3.75.**



CARMAN NO. 3

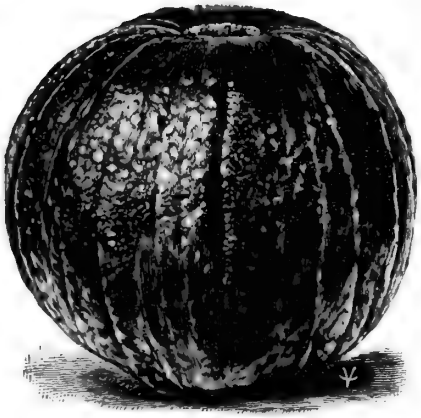
NEW GOLD COIN.

NEW POTATO, GOLD COIN.

Introduced in the East several years ago at extremely high prices. After two years of trial we find it to be a very profitable sort on loose soils. Not so desirable in heavy or clay soils. The tubers are white with a slight streak of pink, form is large, slightly irregular, and run a very small percentage of small sized ones. Our crops, with only ordinary cultivation, have gone as high as 300 bu. to the acre. Veins are vigorous and strong and the roots go well into the ground. This is sure to meet with favor, especially with those who plant on mucky soils. Our seed is raised from stock purchased direct from the originator. **By freight or express, ½ pk., 35c; pk., 60c; ½ bu., $1.00; bu., $1.75; bbl., $4.75.**

RURAL NEW YORKER NO. 2.

The standard white market potato. It is very large, usually smooth, oblong, inclining to round, and rather flattened. Skin and flesh white; quality excellent; season intermediate. Tubers of great uniformity in size; almost every one marketable. Known everywhere as "Dusty" Rural. **By freight or express, ½ peck, 25c; peck, 40c; ½ bu., 70c.; bu., $1.35; bbl., $3.50.**



VAUGHAN'S SUGAR PIE PUMPKIN.

VAUGHAN'S SUGAR PIE PUMPKIN.

This is the best of all Pumpkins for Pies. The fruit is small to medium in size, flesh solid and fine grained and the seed cavity small; it is a splendid keeper. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 80c.**

WINTER QUEEN, or WINTER LUXURY.

This is an improvement of the old well-liked Sugar Pumpkin, and is admitted by all who have grown it to be one of the very best pie pumpkins. Its size is about nine or ten inches in diameter. In color a beautiful deep orange-yellow, with a very close netting, amost as russeted as potato. It is a good winter keeper. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 75c.**

PIE PUMPKIN, "CALHOUN."

It is medium in size, extraordinarily **heavy and solid, very productive and of excellent quality.** The outside is a cream color, while the flesh, which is **very thick and fine grained,** is a salmon-yellow and of superior quality. It is undoubtedly **one of the best for pies. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 85c.**

SWEET POTATOES.

GROWN ESPECIALLY FOR SEED.

We can offer yellow Jersey (the most popular Northern sort), Red Nansemond, Big Stem Jersey and Nansemond.

	¼ bu. Boxed.	Bu. Boxed.	Bbl.
Yellows	$0.75	$2.00	$5.00
Reds	1.00	3.00	6.00

3 bbls. lots, 25c per bbl. less.

SPECIAL POTATO FERTILIZER.

This must be quick, lasting and promote healthy, firm growth of tubers. **Vaughan's Fruit and Root Crop Manure** will do this. **See Fertilizer Page 143.**

PUMPKIN.

LARGE SWEET, or MAMMOTH.

This Pumpkin has been for a number of years a first prize winner at the Illinois State Fair, held at Springfield, the center of pumpkin growing. It is very prolific and large. Specimens often weigh as high as seventy-five pounds; average weight twenty to forty pounds. The skin is light yellow color. The larger specimens are most always warted. Flesh is extremely sweet, of a deep orange color. It is a splendid pie maker and is one of the very best for stock feeding. **Pkt., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 45c; lb., $1.50.**

LARGE FIELD, or "BIG TOM."

A very hardy and prolific variety, frequently grown among corn to make a crop of pumpkins for feeding to dairy stock; it also makes excellent pies. Vines are strong and vigorous and wonderfully prolific. Fruits will average fifteen to twenty inches in diameter. Smooth, hard, reddish-orange skin, with rich orange-yellow flesh. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c, postpaid. By express, 30c per lb.; 10 lbs. or more, at 25c per lb.**

Large CHEESE. Fine for pies; an excellent keeper. Of large size; shape flat, like a cheese box; very productive; flesh yellow, sweet, fine grained and rich flavored. One of the very best for family use and for market. It keeps well into the winter. Is also grown in quantity for stock feed. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.**

MAMMOTH PRIZE PUMPKIN.

MAMMOTH PRIZE PUMPKIN.

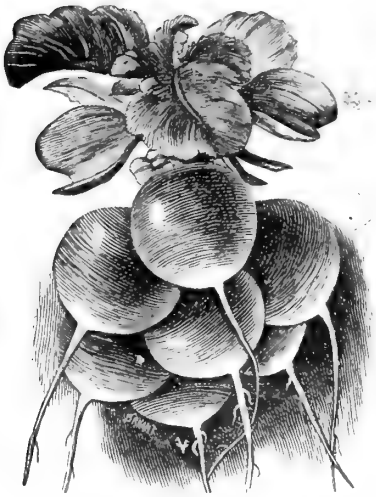
The flesh and skin are of a bright golden-yellow color. Flesh fine grained and of **excellent quality.** Notwithstanding its enormous size, it is one of the very best pie pumpkins ever grown, and a splendid keeper. This enormous variety has been grown to weigh 200 lbs. **Pkt., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 50c; lb., $1.80.**

OTHER GOOD SORTS.

	Pkt.	oz.	¼ lb.	lb.
SMALL SUGAR. Flat sort, good for the home garden	.5	.10	.20	.70
JAPANESE PIE. Finest quality good keeper	.5	.10	.25	.90
GOLDEN OBLONG. Orange color. Flesh yellow, excellent flavor	.5	.10	.25	.80
SWEET POTATO. Bell shaped. White flesh. Used for pies	.5	.10	.25	.90
LARGE TOURS or MAMMOTH FRENCH. Very large size	.5	.10	.25	.90
QUAKER PIE. Pear shaped. Rich flavor and good keeper	.5	.15	.30	1.00

VAUGHAN'S RADISH.

Vaughan's Early Scarlet Globe and Cardinal Forcing. See Novelty page.



VAUGHAN'S EARLY SCARLET GLOBE. White Tip.

EXTRA EARLY TURNIP VARIETIES.

These extra early turnip radishes grow best in a loose, rich soil. They must mature quickly, so should have plenty of water. Pull them before they reach full size as they become pithy and soft. Make frequent plantings (week or ten days apart), so a succession of crops may be had. Sow 1 oz. to 100 feet.

SCARLET TURNIP WHITE TIP—*Vaughan's Selected Stock.*

For outdoor planting this is the most popular radish. The radish is bright scarlet with a white tip. The root is very slender. We sell many thousands of pounds of this radish to critical market gardeners and our stock is the very best. Our seed is most carefully grown from transplanted roots and is just right in color, size and shape. The white on tip is not quite so much as our Sparkler strain. See back cover pages. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., $2.00.**

Vaughan's Sparkler Strain of Scarlet Turnip White Tip.

⅓ white tip—**Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

Vaughan's Earliest Scarlet Globe White Tip.

The earliest of white tip sorts. An extremely quick growing sort. With white tip, short top and thin tail. (Of excellent quality.) **Pkt., 5c., oz., 10c, 2 oz., 15c; ¼ lb., 25c; lb., 75c.**

Vaughan's Earliest Carmine Turnip. **The best and quickest early, all scarlet turnip radish,** of wonderfully quick growth, maturing in about three weeks. The leaves are very short, rendering them particularly adapted to forcing under glass; of superior flavor, crisp and tender. Skin deep carmine red, very attractive. One of the best outdoor kinds for the home garden. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 75c.**

Radish, "Crimson Giant." This radish is an **entirely new type** and differs radically from all varieties hitherto in cultivation, in so far as its roots attain **more than double the size** of those of other forcing varieties, **without getting pithy or hollow.** It is very early notwithstanding its size. Color crimson, flesh pure white, of the best quality. Fine for outdoors and forcing. The seed should be sown very thinly to permit full development of the roots. **Pkt., 10; oz., 15c; ¼ lb., 30c; lb., 90c.**

Earliest White Turnip. **Short Top.** (White Box.) Of quick growth; roots round, pure white; tails very thin; leaves short; flavor excellent. Fine for forcing and open ground. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

Triumph. (Speckled Beauty.) This is a unique and useful sort. The skin is handsomely striped and mottled, scarlet and white, making it very attractive. Very early with short top and good quality. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.**

All Seasons. In a class by itself. This radish can be sown from Spring until Autumn. The root is round, of brilliant scarlet color; grows to good size and keeps solid longer than any other early round sort. The best all-purpose radish. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.**

VAUGHAN'S EARLIEST CARMINE TURNIP.

SCARLET TURNIP WHITE TIP.

ANY OF THE FOLLOWING, PKT., 5c, Except Where Noted.

	Oz.	¼ lb.	Lb.
VAUGHAN'S SCARLET GLOBE SELECTED STOCK. (See novelty pages.) The standard forcing radish	$0.10	$0.25	$0.90
SCARLET GLOBE. (Ordinary stock.)	.10	.20	.60
VAUGHAN'S CARDINAL FORCING. (See back cover pages.) The best forcing radish. Pkt., 10;	.15	.35	1.25
NE PLUS ULTRA. Rich scarlet, turnip shaped, good forcer Pkt., 5c;	.10	.25	.75
EARLY DEEP SCARLET TURNIP. An old standby	.10	.20	.50
YELLOW TURNIP. (A summer variety.)	.10	.20	.50
GOLDEN YELLOW SUMMER TURNIP. Smooth and fine skin	.10	.15	.60

Extra Early Olive-Shaped Radishes.

VAUGHAN'S "20-DAY" RADISH. **The quickest of all Red Radishes. Quick growth** is one of the main essentials for a crisp and tender Radish. This matures in 20 days after sowing, which makes it one of the most valuable sorts for forcing or outdoor culture. The flesh is pure white, crisp and of very pleasant flavor; the skin is a most attractive bright scarlet. The leaves are very short, which admits of very close sowing. **Pkt., 5c; oz., 10c; 2 oz. 15c; ¼ lb., 25c; lb., 75c.**

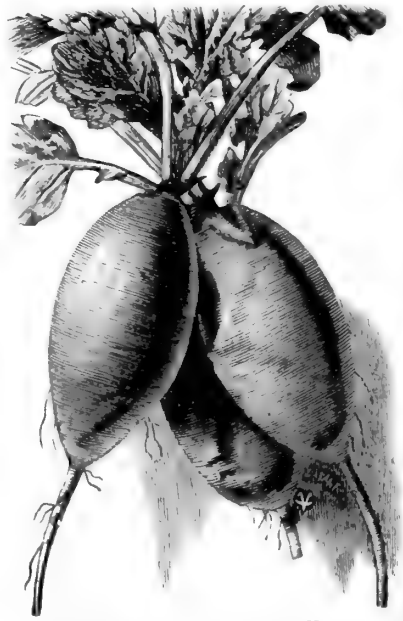
IMPROVED BREAKFAST. Its color is very deep, glossy crimson. The white is well defined and contrasts very pleasingly with the deep red of the upper part. One of the best early radishes for family use. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.**

EARLIEST WHITE. This is not only the earliest White Radish, but the earliest of any color; good sized radishes having been pulled in from 15 to 18 days after sowing. The radishes are pure white, oblong and tender. The tops are small, which means a good forcer and admits of close planting. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c.**

ANY OF THE FOLLOWING, PKT. 5c; OZ., 10c.

	¼ lb.	Lb.
OLIVE SHAPED DEEP SCARLET. Similar to Vaughan's 20-day	$0.15	$0.55
OLIVE YELLOW MAY. A new sort of fine quality	.20	.60
FRENCH BREAKFAST. Quick and handsome	.15	.55
MIXTURE. Of turnip and olive shaped varieties	.20	.55

IMPROVED BREAKFAST RADISH. Fine radish for the home garden and market.



VAUGHAN'S 20-DAY RADISH. The Quickest of All Red Radishes.

RADISHES.

Please Remember. Our Radish seed is saved from selected, transplanted roots, and it costs more to raise Radish seed if grown in that way than if no selection is made.

ICICLE RADISH.

ICICLE. The Finest Eating, White Radish. The best eating radish, and the best white variety. This sort has long, slender, pure white roots, which remain mild and crisp until they grow of large size. Many of our customers think it the finest radish they have every grown. Tops are quite short, making it early, and also allowing their close planting. A succession is secured by planting seed every ten days. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

VAUGHAN'S SPECIAL

Brightest Long Scarlet. This is the handsomest and earliest long Red Radish. It resembles the Long Scarlet in shape and is usually fit for use in 25 days after sowing. The color is brightest scarlet, the tails are snowy-white tipped. This combination of red and white make it the best seller of any long radish on the market. It is also an excellent sort for the home garden. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

Wood's Early Frame. This is an extra early forcing strain of the long scarlet, short top, selected especially for growing under glass for use in frames. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.**

Half Long Deep Scarlet. A half long deep scarlet radish. Is much grown in the South for early shipment. Is also good forced. In quality it is brittle and juicy. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.**

Early Long Scarlet, Short Top. A standard variety of the long type of radish, for both market and home use. The roots grow long, partly above the ground, straight, smooth and of a bright rich scarlet color. The flesh is crisp and tender. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

Vaughan's Market. The best early half-long White Radish, tender, delicate, brittle and fine flavored, resembling the Strassburg in size, but of quicker growth; very smooth and regular in appearance with pure white skin. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.**

Cincinnati Market. A long red radish, 6 to 7 inches, with quite short top. This is a standard, and is a market radish in a number of Southern communities. Does well also in the North, and the quality is all that can be desired. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

RADISH, BRIGHTEST LONG SCARLET.

SUMMER RADISHES.

These grow larger than the early radishes and remain in good condition to eat much longer.

Improved Chartier. Somewhat resembling the long Brightest Scarlet—early radish, it is double the size and later. Long, scarlet and tipped with white. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

Long White Vienna. Snow white, very brittle and crisp. A beautiful long handsome radish of rapid growth. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

White Strassburg. Of somewhat larger size and thicker than Vienna. Very solid. An excellent market variety. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

Stuttgart. A turnip shaped, large white radish. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

RAMPION.—A New Salad.

Both the roots and leaves make a delicious salad. **Pkt., 10c; ½ oz., 15c; oz., 30c; 2 oz., 55c.**

SALSIFY, OR OYSTER PLANT.

This really delicious vegetable should be more generally grown. It surpasses for table use, both parsnips and carrots, acquiring, after a good frosting, a decided oyster flavor. The roots should be left in the ground to be dug up during thaws in the winter and spring. Salsify is boiled like parsnips or carrots, or is half-boiled and grated, then made into balls which are dipped into batter and fried like oysters. **MAMMOTH SANDWICH ISLAND SALSIFY** is the most popular.

Mammoth Sandwich Island. This variety is much more uniform in growth than the old standard Long White Salsify. It is twice the size and weight. The roots are of superior quality and most delicate flavor, especially after being touched with frost. **Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., $1.10.**

LONG WHITE SALSIFY. The old standard. **Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., $1.10.**

SCORZONERA OR BLACK SALSIFY.

Scorzonera, or Black Salsify. Considered by many better than White Salsify. Somewhat harder to raise, although cultivated the same. **Pkt., 5c; oz., 15c; ¼ lb., 45c.**

Improved Long Black (Black Salsify). This variety may be planted in the late Spring, earlier than Black Salsify, without running to seed, the longer season thus permitting a considerably larger growth of root. **Pkt., 10c; oz., 20c.**

RHUBARB.

VAUGHAN'S MAMMOTH. Vigorous and productive; stalks numerous, the larger ones being 15 inches long and fully 1½ inches wide. It is the first article of the season from the garden, and no garden should be without it. Seed, **pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00 postpaid.**

Chicago Giant. This rhubarb is the result of an expert's breeding for large stalks and small leaves. We have grown this for a number of years, and consider it the finest variety we have seen. **Pkt., 25c; 3 for 65c.**

Rhubarb Roots. Set in spring they will furnish leaf stalks the following season. **Clumps, each, 15c; doz., $1.50; not prepaid. Small roots, each, 10c; doz., $1.00; by mail postpaid.** We can also supply for immediate effect extra large clumps at **25c to $1.00 each.** These clumps are extra large and heavy and will be sent by **express or freight (at buyers' expense).**

WINTER RADISHES.

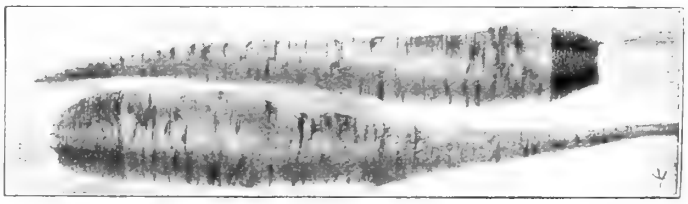
Do not sow these until the latter part of June.

The Munich. The German favorite. The radishes are white and grow from 6 to 8 inches in length; are broad at the shoulder, have a white thin skin; grow quickly, have mild and delicious flavor. **Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.00.**

Each of the following, Pkt., 5c; oz., 10c; except where noted.

	¼ lb.	lb.
CALIFORNIA MAMMOTH WINTER. Long, very large size	$0.20	$0.70
ROSE OR SCARLET CHINA. Rose color, medium size, fine keeper	.20	.60
CHINESE MAMMOTH OR CELESTIAL. The best of all very large white radishes. Immense size and the flesh always crisp and mild	.25	.70
BLACK SPANISH LONG. Black skin and white flesh	.20	.60
BLACK SPANISH ROUND. Similar to Long Black, except in shape	.20	.60
HALF LONG BLACK WINTER ..... **Pkt., 5c; oz., 10c;**	.25	.75
LONG WHITE SPANISH. Similar to the Long Black except in color	.20	.60

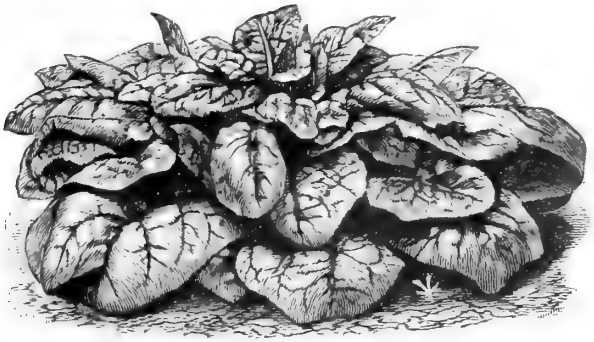
RAT TAILED RADISH. Seed pods edible. **Oz., 30c.**



SALSIFY, MAMMOTH SANDWICH ISLAND.

90% of the prize-winners in the Chicago Tribune Garden Contest in 1908 used Vaughan's Seeds

VAUGHAN'S MAMMOTH RHUBARB.



VAUGHAN'S NORFOLK SAVOY SPINACH.

VICTORIA.

Of the true Savoy type; foliage, dense; leaves, broad and of dark green color; quality of the best. It is a heat resister, and remains in prime condition two to three weeks after all other varieties have run to seed. **Oz., 5c; ¼ lb., 12c; lb. 30c, postpaid. By express, lb., 30c; 5 lbs., 75c; 10 lbs. $1.25; 100 lbs., $12.00.**

SWISS CHARD.

No vegetable requires less care than this, and it is safe to say that none yields as constantly as this spinach, producing uninterruptedly from July until Winter. Also called "Cut and Come Again Spinach."

If your garden space is limited, Swiss Chard must have a place, for in ground occupied, Swiss Chard produces more food for the table than almost any other vegetable. The leaves are used for greens the same as Spinach or beet tops; they are equal in quality and easier to prepare than spinach, and far superior to beets. Sow early in Spring, in rows 16 inches apart, and thin out to 6 inches apart in the rows. It can be used all Summer when spinach is not available. Later the leaves grow very large, with broad, flat, pure white stems, and mid-ribs, which may be cooked like Asparagus or made into very good pickles. Our packages contain recipes for cooking both the leaves and stalks.

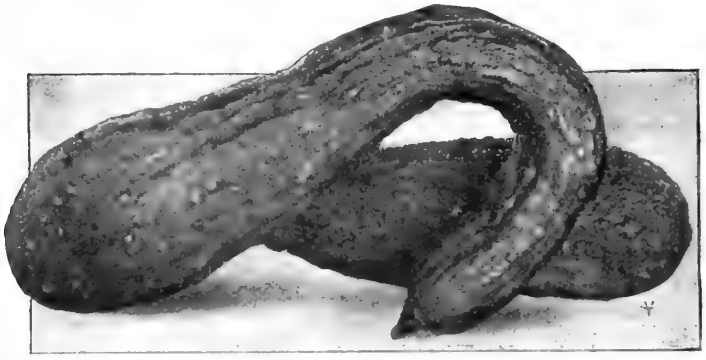
An ounce of seed is sufficient for a medium sized family.

Many of the Chicago gardeners use Spinach as a catch crop, giving quick results where land would otherwise stand idle. The investment is small and returns often large.

Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

Lucullus Swiss Chard. A new Moss Curled sort. Very large leaves. The mid-ribs are very broad and form a good substitute for asparagus during the summer months. **Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.00.**

Lyon Swiss Chard. A new variety, selected especially for its broad mid-ribs and stems. **Pkt., 10c; oz., 20c.**



VAUGHAN'S GIANT SUMMER CROOKNECK.

GIANT SUMMER CROOKNECK.

Our strain of this squash is a great improvement upon the standard, popular, yellow Summer Crookneck. It has nearly double the former size, runs more evenly as to type, and grows fruit in quantity on healthy, compact, bushy plants. The fruit is heavily warted, its flesh is of a deep golden color, and its quality is of the very best. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.**

SPINACH.

SOW 10 TO 12 POUNDS TO THE ACRE.

VAUGHAN'S NORFOLK SAVOY.

(Bloomsdale). The plants are extremely hardy and of good size. The leaves are very thick and blistered. Its hardiness and thickness of leaf permit safe long-distance shipping. A great favorite with Southern Truckers. Our strain is carefully grown and has secured and kept the trade of the largest and best growers in the country. **Oz., 5c; ¼ lb., 15c; lb., 35c, postpaid. By express, lb., 25c; 5 lbs. 95c; 10 lbs. $1.70; 100 lbs., $15.00.**

Extra Large, Round Leaf. Large crumpled leaves. **Oz., 5c; ¼ lb., 12c; lb., 30c, by mail. By express, lb., 20c; 5 lbs., 75c; 10 lbs., $1.30; 100 lbs., $12.00.**

Prickly Seeded. Very hardy; good for fall sowing. **Oz., 5c; ¼ lb., 15c; lb., 40c, postpaid.**

Long Standing. Slow going to seed. **Oz., 5c; ¼ lb., 12c; lb., 30c, postpaid. 10 lbs., $1.30; 100 lbs., $12.00, by express.**

Monstrous-Leaved Viroflay. Quick, strong growth; much used by New York truckers. **Oz., 5c; ¼ lb., 12c; lb., 30c, postpaid. 10 lbs., $1.40, by express.**

New Zealand. This sort is grown to supply the place of ordinary Spinach during the hottest months of the year, or in dry, arid localities, where ordinary Spinach does badly. The leaves are eaten boiled like those of other kinds. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.**

SORREL. Sauerampfer-Oseille.

Of the easiest growth. Sorrel is cultivated for its leaves, which possess a very fine flavor; boiled and served like Spinach. It also makes a delicious soup. **Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., $1.25.**

SWISS CHARD. *Nothing Better for the City Garden.*

SQUASH.

SUMMER VARIETIES.

GIANT WHITE SUMMER CROOKNECK.

This is a selection from the old Summer Crookneck, but is somewhat larger. The skin is ivory white, making a very attractive appearance, when this squash is grouped with other Summer vegetables. In quality it is tender, and well-flavored. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.**

SUMMER CROOKNECK.

The old standard Crookneck variety, smaller in size than Giant Summer or Crookneck, otherwise similar. Very prolific. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.**

STRAIGHTNECK.

This variety has gained an advantage in shipping over the Summer Crooknecks, which have always been difficult to pack for distant markets, while in size and quality it compares favorably with any of its class. A desirable sort for gardeners distant from markets. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c.**

The Delicious Squash—"I never ate so fine a squash."—Prof. Maynard, Massachusetts Agricultural College.

"We think that in fineness of grain and delicacy of flavor it surpasses the Hubbard when in its best state."—Luther Tucker & Son, editors of Country Gentleman.

Our Prices on pounds include postage. If sent "by express" customer paying charges, 10 cents may be deducted from the single pound rates.

SQUASH.

SUMMER VARIETIES.

Plant Squashes in warm, light, rich soil and (about 8 or 10 seeds to a hill), afterward they may be thinned out to 3 or 4 vines.

MAMMOTH WHITE BUSH, Patty Pan.

The old Early White Bush Scallop has long been the favorite early Summer squash. Mammoth White Bush is an improved selection only a few days later; it is considerably larger and deeper, has less scallops, saving waste, and produces more heavily. Peeled and sliced, then fried like an egg plant, this squash furnishes a most delicious dish. We have a very select strain. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.**

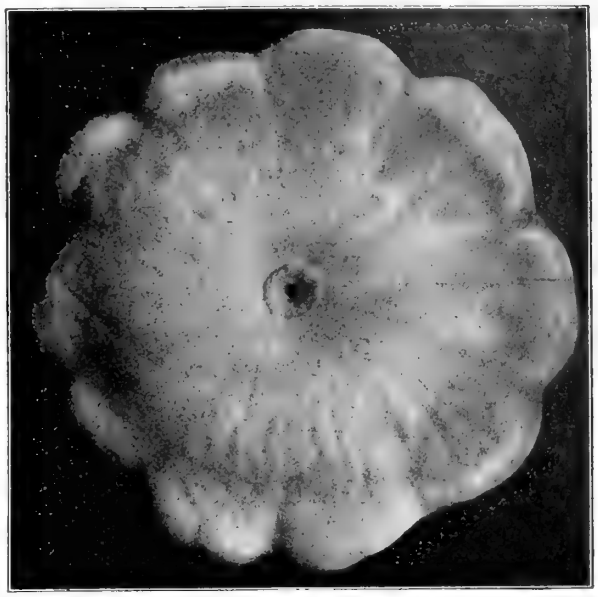
EARLY WHITE BUSH. The older, very early sort. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.**

MAMMOTH GOLDEN BUSH. Like the Mammoth White Bush; however, the fruits run a little larger and have a fine pale yellow skin with creamy yellow flesh. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.**

EARLY YELLOW BUSH. A true bush, though of an earlier and smaller strain than the above. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.**

BUSH FORDHOOK. A new bush type of the original Fordhook, unequaled in quality and delicious sweetness by any variety whether for summer or winter use. The young tender fruits are prepared and cooked like other summer squashes, or stored before frost, in a warm dry place, furnish winter squash for table use until the next new crop is ready. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00.**

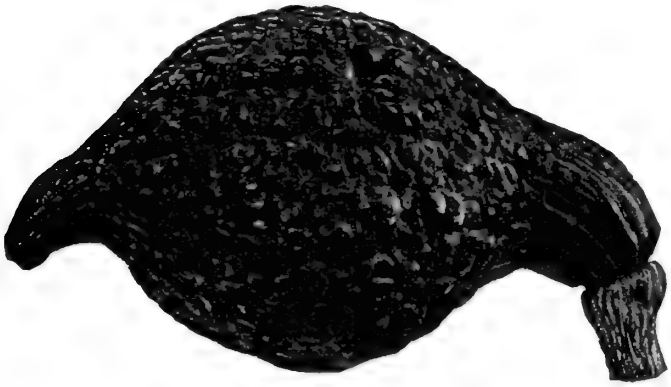
FORDHOOK. Ripens early and is one of the best keepers we know of. Can be kept all through the Winter until June. Is very prolific, and nearly bug and borer proof. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00.**



SQUASH, MAMMOTH WHITE BUSH.

WINTER VARIETIES.

☞ Squash and Musk Melons are apt to develop smooth skinned fruit if planted too thick.



CHICAGO WARTED HUBBARD.

BOSTON MARROW. A widely popular squash for Fall and Winter use. Rind thin, bright orange in color, flesh yellow, rich and sweet; form oval. A good keeper and unexcelled for pies. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c.**

CHICAGO ORANGE MARROW. As large as the Hubbard, and of good quality. As long keeping as other sorts, yet ten days earlier. In season from September to January, and always saleable, because of its handsome shape, desirable size and smooth orange skin. It suits everybody. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c. By express, lb., 60c; 5 lbs., $2.80; 10 lbs., $5.50.**

THE MICHIGAN. Grows bushy at first and then throws out runners. The fruit is straight, 8 inches to one foot in length and 3 to 4 inches thick. The seed cavity is small and the flesh is of good flavor. The skin is dark green, almost black. Fruit weighs 2 to 3 pounds. **Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.25.**

OTHER GOOD KINDS.

DELICATA. Orange-yellow color splashed and striped with dark green. Quality is rich, dry and solid. Extra early, a good keeper and fine producer. **Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; lb., 70c.**

FAXON'S BRAZILIAN. A great variety to sport; early, long keeping; average quality excellent. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.**

GOLDEN BRONZE. Of large size, 8 to 10 pounds, a grayish green color, flesh golden yellow; sweet, early and a good keeper; very uniform. **Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 30c; lb., $1.00.**

MARBLEHEAD. Light blue, olive shape, delicious flavor, sweet and dry, prolific. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.**

ESSEX HYBRID. Large fruits, broad; large neck or Turk's cap at its blossom end. Good for Fall or Winter. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.**

CHICAGO WARTED HUBBARD.

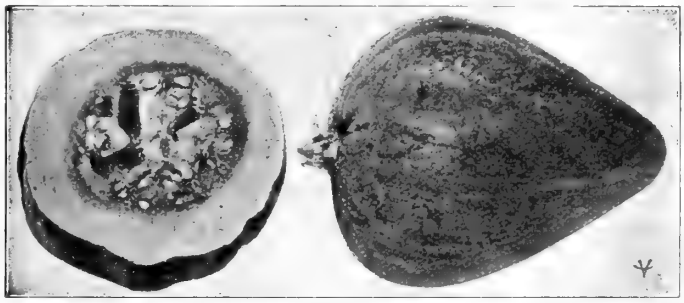
In growing the original green Hubbard on a large scale for market, it was found the largest, heaviest, dark, rough-skinned specimens were the most valuable, and most saleable. Because of this fact, selections of such fruits were made and the result is our selection of Chicago Warted Hubbard Squash. (See type illustrated on this page.) This strain is the ideal winter squash for the home market. Vines have a strong, robust growth; fruits are large, of handsome shape, heavily warted and of a dark green color, flesh is rich and dry, two fine qualities for cooking. **Pkt., 5c; oz., 10c; 2 ozs., 15; ¼ lb., 25c; lb., 80c; 5 lbs., $3.25; 10 lbs., $5.50.**

HUBBARD. The original Hubbard is similar to the above; however, is smoother and does not run quite so large. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c; 5 lbs., $2.75.**

RED OR GOLDEN HUBBARD. A perfect type of the Green Hubbard, except in color, which is a bright, deep orange-yellow, very showy and attractive. Flesh deep golden yellow, much richer in color than Hubbard, fine grained, cooks very dry, and is of excellent flavor. Its keeping qualities are fully equal to, while in productiveness it far excels, the Green variety. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00.**

VEGETABLE MARROW.

This is a most important vegetable in the English market, but little known in this country. The fruit is generally eaten when less than half grown, as the flesh is then very tender and marrowy, and should always be used in a young state. Our packages contain cultural directions and recipes for cooking. **Pkt., 10c; oz., 15c; 2 ozs., 25c.**



DELICIOUS SQUASH.

THE DELICIOUS SQUASH.

The Best Flavored Squash in Existence.

For table use no squash compares with this in its remarkable combination of fineness and compactness of grain, dryness, sweetness and exceeding richness of flavor. It is a fall and winter squash, being excellent at all seasons, though it does not acquire its best quality until winter. The fruits vary somewhat as to shape and size, but usually weigh from five to ten pounds. The rind is uniformly green, the flesh dark orange and very thick. **Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25,** postpaid.

TOMATOES Raised for Seed Only.

EARLIANA.

EARLIANA—The Best Extra Early Variety.

It is the earliest large, smooth, heavy yielding red tomato. Not only is it desirable on account of its earliness and large size, but on account of its handsome shape and bright red color. Its solidity and fine quality are equal to the best medium and late sorts. Plants are very compact, with stout, jointed branches, and yet the vines yield enormously. For early sort in the Northern market and home garden, there is nothing to compare with this red tomato. In some Southern shipping sections, it is now grown almost exclusively. Our seed is selected by tomato experts of years' standing, for earliness, trueness to type, and productiveness. In our tests with all of the finest strains from seedsmen and large market gardeners, we have not found one superior. **Pkt., 10c; oz., 25c; 2 oz., 45c; ¼ lb., 80c; lb., $3.00.**

VAUGHAN'S EARLIEST OF ALL.

This is the earliest tomato we have ever planted, and may be used in the North where there are poor hot bed facilities for growing plants. Where other varieties can be used, this is not particularly desirable, on account of its small size and roughness, wherefore, it cannot compete in appearance with other varieties. Plants are dwarf, robust and quite prolific. Fruit of good quality. **Pkt., 10c; ½ oz., 15c; oz., 30c; ¼ lb., 85c.**

DWARF STONE TOMATO.

This is the largest Dwarf Tomato in existence. In habit of vine it resembles the Dwarf Champion, but is of stronger growth and is more erect. The fruit is similar to the Tall Stone in color (red), shape and practically in size. Specimens weighing one pound each are quite common. The season is fully as early as the Dwarf Champion, but the fruits are double the size. On account of its being of dwarf habit, for the amateur, who is not used to training vines, this is a most desirable sort. The fruit is free from cracks at the stem end, solid, ripens evenly and is of excellent quality. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 90c; lb., $3.25.**

Chalk's Early Jewel. The largest and smoothest of the extra early red tomatoes. Somewhat later, a week or ten days, than Earliana; the fruits are larger and smoother. The vines grow very compactly, are immensely productive, and better still, bear continuously throughout the season in which respect it far surpasses Earliana. **Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 80c; lb. $3.00.**

VAUGHAN'S MODEL TOMATO.

A handsome dwarf tree variety; large size; scarlet color; early and of the best quality. Sure to please in the home garden. **Pkt., 10c; ½ oz., 20c; oz., 35c; 2 ozs., 65c.**

DWARF STONE.

EARLY DWARF CHAMPION.

A great favorite on account of its dwarf habit and upright, tree-like growth, which permits close planting. The fruit much resembles the early main crop variety Acme; medium size, the color being a purplish pink, very smooth and symmetrical, fine quality and very solid meated. The vine growth is very strong and stiff, so that it needs almost no support. We cannot recommend this sort too highly for the home gardener. **Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., $2.50.**

TALL CHAMPION TOMATO.

An unusually strong, rank grower and a heavy bearer. The fruits resemble the Dwarf Champion in color and smoothness, although they run a little larger in size. Fair average size of the fruit is 2¼ inches thick and 3¼ inches broad. This is a remarkable variety to stand up under adverse conditions, on account of its great hardiness. It is extremely prolific and certainly one of the most desirable sorts for the private garden. Some of the market gardeners also raise this variety for their main crop sort. **Pkt., 10c; ½ oz., 20c; oz., 30c; 2 oz., 50c; ¼ lb., 90c.**

ACME.

An early, purple fruited tomato, very valuable for market gardeners who ship or have a home market, and also for the amateur. The vine is large and very prolific, bearing fruit in clusters of four or five. The first fruits ripen early, and the fine, smooth, large tomatoes are produced until frost comes. One of the A1 standard varieties. **Pkt., 5c; oz., 20c; ¼ lb., 70c; lb., $2.25.**

TOMATO PLANTS

We have ready about May 15th carefully grown plants of the following varieties: Acme, New Stone, Dwarf Stone, Dwarf Champion, Ponderosa, Beauty, Globe, and others. Three sizes—seedlings from the hot beds; transplanted plants from flats; and 2-inch pot plants. For prices see page 137.

FORCING VARIETIES.

Best of All, Sutton's. One of the very best for under glass culture. It sets very free and is an immense cropper, producing heavy bunches of fruit at short intervals all over the plant. Color, a deep scarlet, of good size, and fruit very solid and producing very little seed. **Pkt., 10c; ½ oz., 25c; oz., 50c.**

Comet. Scarlet color. In size it compares with a Medium Stone. Good judges say it is the very best forcing tomato, out-bearing other varieties in uniform fruit of high quality. **Pkt., 25c.**

Frogmore Selected Forcing. A free cropping, free setting, medium sized variety, very uniform and smooth, almost round, solid and very firm; color, clear bright scarlet, with very deep flesh and remarkably small seed space. Selected seed. **Pkt., 15c; ½ oz., 25c; oz. 50c.**

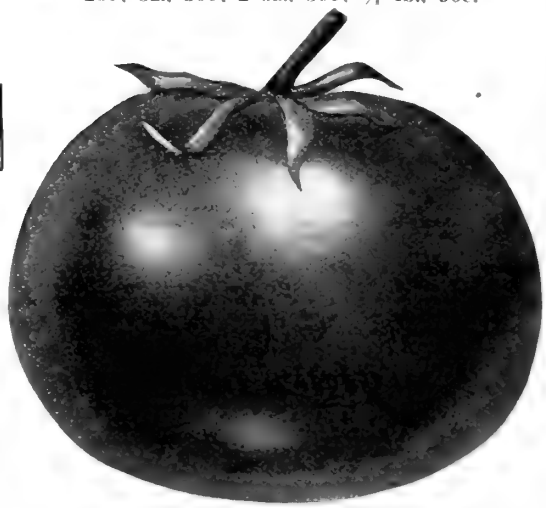
Lorillard. One of the best known commercial forcing sorts, early, bright red, fine flavor. **Pkt., 5c; oz., 25c.**

Marvel, Hubert's. Scarlet color, round like an apple and very solid; fine size for stuffing. **Pkt., 15c; oz., 35c.**

Stirling Castle. Scarlet color. Small size, very uniform, solid, and one of the most productive of greenhouse sorts. We have a fine strain. **Pkt., 25c.**

Sunrise. A new A1 English forcing sort. Rich scarlet in color, with solid but delicate flesh, containing but few seeds. Very prolific, fruit medium size. The most desirable variety for growing under glass we have yet tried. **Pkt., 25c.**

SUNRISE.



DWARF CHAMPION.

Dwarf Aristocrat. This is a scarlet Dwarf Champion. The Dwarf Champion size, shape, and form is nearly perfect for home use and with the brilliant deep scarlet color which we get in the Aristocrat little is left to be desired. It will be found good under glass and for early market out of doors. It may be planted 3x3 feet or closer, making it suitable for small gardens. **Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., $2.75.**

IMPROVED STONE. (The King of Reds.)

SPECIALLY SAVED TOMATO SEED.

We do not use Canning Factory Seed.

VAUGHAN'S IMPROVED NEW STONE

This tomato is the "King" of the Reds for main crop use. It overtops all others. Its smooth, small cored, solid almost "beefy" scarlet tomatoes are not equaled by any other variety in appearance, size or largeness of yield. Gardeners appreciate this, and use it almost exclusively in markets demanding a red tomato. Our strain is most carefully bred, and our seed choice. **Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., $2.50.**

PONDEROSA.

This is the largest-fruited Tomato and is of fine quality for slicing. The vines are of strong growth; fruits largely oblong in form, deep through, and generally ridged or ribbed; deep purple in color. They are solidly fleshy with small seed cells; of fine sweet flavor. Planted in good soil, pruned to a single stem, fruits frequently attain a weight of one pound or more. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., $1.00; lb., $3.50.**

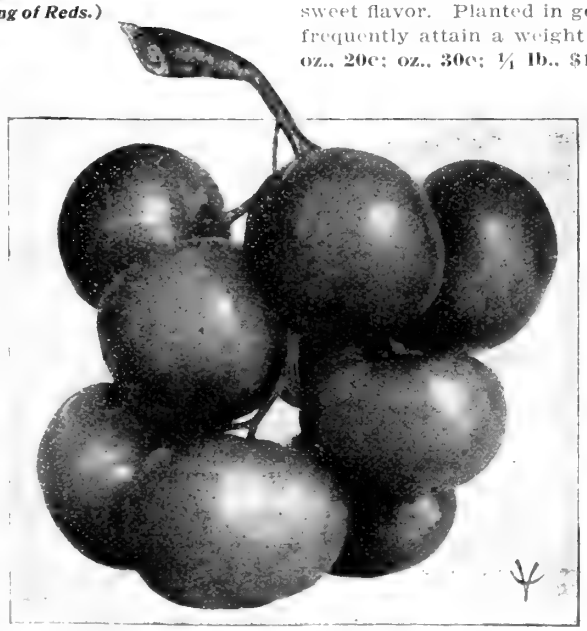
BEAUTY.

The Smoothest and Best of the Large Purple Sorts. Vines large, vigorous and heavy bearers; fruit large, uniform in size, very smooth, color of skin purplish pink; flesh light pink and of excellent flavor. **Pkt., 5c; ½ oz., 12c; oz., 20c; 2 ozs., 35c; ¼ lb., 70c; lb., $2.25.**

Matchless. This is a very large fruited and long keeping bright red Tomato. The fruit remarkably solid and is produced in quantity on strong, vigorous vines. A very distinct and desirable variety. **Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., $2.50.**

Enormous. Exceptionally large, also unusually smooth, with solid meat and few seeds. It is oval in shape rather than round. Medium in season, and ripens all through the fruit at once. Deep red. The fruits are very large—the vine, however, is not so productive as Matchless. **Pkt., 10c; oz., 25c; 2 ozs., 45c; ¼ lb., 80c; lb., $3.00.**

Cream City. This is one of the very first large Tomatoes to ripen, coming in about a week ahead of Acme. Smooth, always round and good first size. The color is purplish crimson, similar to Acme. Flesh is very thick, firm and solid, with few seeds. Good shipper, does not crack or rot. **Pkt., 5c; ½ oz., 12c; oz., 20c; 2 ozs., 35c; ¼ lb., 70c; lb., $2.25.**



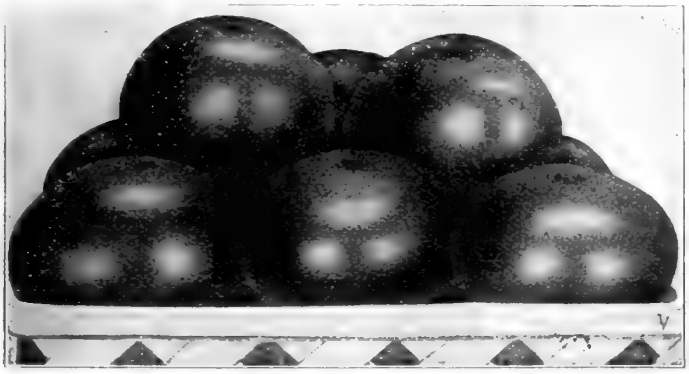
SINGLE CLUSTER OF PONDEROSA. (Largest Fruited.)

Magnus. A purple fruited, distinct, early main crop variety. Strong grower with short joints, setting the fruit clusters very close together, and is, therefore, a heavy cropper. Fruits are very thick, many of them being almost globe shaped. Ripens evenly. **Pkt., 5c; ½ oz., 12c; oz., 20c; 2 ozs., 35c; ¼ lb., 70c; lb., $2.25.**

Early Michigan. An excellent, uniform early sort. First fruits are very early, while the vines continue bearing a long time. Vines large growers and very productive, will stand high culture. Fruit medium to large, increasing in size as the season advances. Smooth and free from cracks. **Pkt., 5c; ½ oz., 12c; oz., 20c; 2 ozs., 35c; ¼ lb., 70c; lb., $2.25.**

Crimson Cushion, OR BEEFSTEAK TOMATO. Fruit very large, round and regular; bright scarlet color, flesh solid and of best quality; cells small and few in number. The plants are very productive. The fruit is of fine form and appearance, and will stand shipment well. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., $1.00; lb., $3.50.**

Our Tomato Seed. has all been grown by Tomato Specialists, who plant for seed only. It is not as cheap as that from canning factories, but it is **good** and **reliable,** and will give satisfaction.



A BASKET OF BEAUTY. (Smoothest and Best of Large Purple.)

OTHER WELL-KNOWN STANDARD VARIETIES.

Per pkt., 5c, of any of the following:

	½ oz.	1 oz.	¼ lb.	1 lb.
Early Freedom. Very early, smooth	$0.12	$0.20	$0.70	$2.25
Favorite. Large, early and smooth, color bright red, good shipper	.12	.20	.70	2.25
Golden Queen. Rich deep yellow	.12	.20	.70	2.35
Honor Bright. Best shipper; large and good quality	.12	.20	.70	2.25
Imperial. Large early purple variety	.12	.20	.70	2.25
Perfection. Very solid flesh; blood red color; late; a favorite variety	.12	.20	.70	2.25
Trophy. An old standard; late	.12	.20	.70	2.25

SMALL-FRUITED TOMATOES.

The fruit of these are largely used for making fancy pickles, preserves, etc. The plants are extremely productive.

Yellow Plum. The fruits average two inches in length and one inch in diameter, of a bright lemon-yellow; are solid, fleshy and of excellent flavor. **Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., $2.75. Red Plum,** same as **Yellow Plum,** except color, same price.

Yellow Pear. Similar to the **Yellow Plum,** but the fruits have a distinct pear shape. **Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., $2.75.**

Red Pear-Shaped. The larger plum-shaped red tomato. **Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c.**

Red Cherry. Little fruits of a bright scarlet color. **Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c.**

Red Currant. Very small. **Pkt., 5c; ½ oz., 15c.**

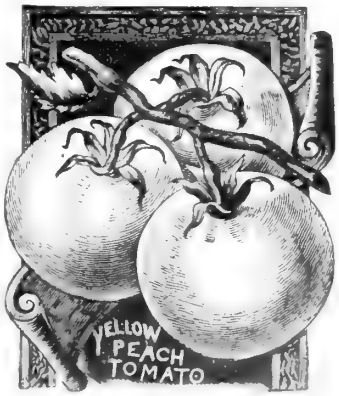
STRAWBERRY or HUSK TOMATO.

Plants of low-spreading growth and immensely productive. The small yellow fruits are each enclosed in a husk. Of very sweet flavor, highly esteemed for eating, preserving, or making pies. **Pkt., 5c; ½ oz., 15c; oz., 25c.**

TWO PEACH TOMATOES.

(Red and Yellow)

The fruit is of uniform size, resembling a peach in shape, size and color, one of which is a deep blended rose with orange amber, and the other clear lemon-yellow. It is desirable for eating from the hand. The skin is thin and peels off like that of a peach. **Each, red or yellow Peach, pkt., 10c; ½ oz., 20c; oz., 35c; both kinds mixed, pkt., 10c; 3 for 20c.**



Garden TURNIPS and RUTABAGAS.

CULTURE—Sow in July or August on new land 1 oz. to 150 ft. of drill. Drilled, 1½ lbs. to the acre; broadcast, 3 to 4 lbs.

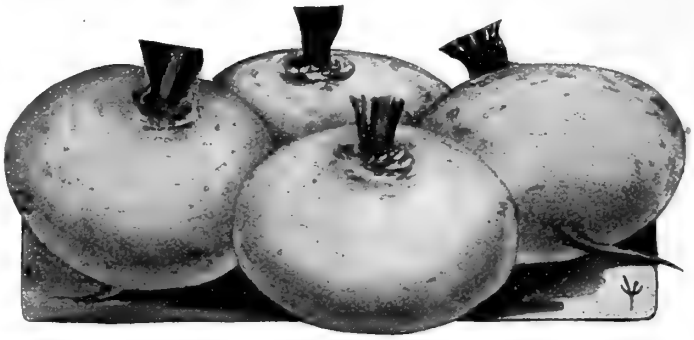
WHITE FLESHED VARIETIES.

White Milan. **The Earliest of All.** The earliest turnip, and the best quality in its class. A fine snowy-white color. The skin is so smooth and neat as to seem polished. The foliage is short. Size medium, and the flesh is white, tender and smooth grained. Can be used Spring or Fall. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.**

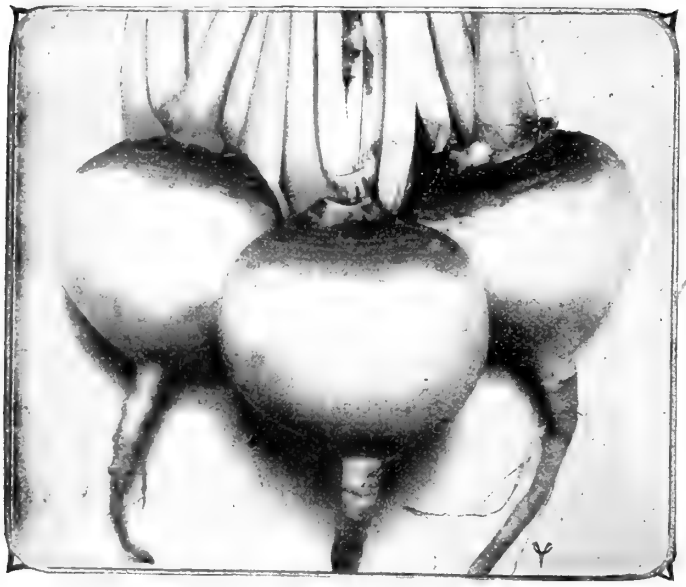
PURPLE TOP MILAN. Almost the same in season as the White Milan. Size is medium; shape flat; skin very smooth. The surface color is white with a purple white top. White flesh of good quality. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c.**

EARLY PURPLE TOP, Strap Leaved. This is an early variety, about a week later than Milan, and a great favorite for table use; form flat, like a broad disc in shape, and of medium size. Color, purple or dark red above ground, white below; flesh white, fine grained and tender; leaves few, entire, upright in growth; a good keeper. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c. By express, lb., 30c; 5 lbs., $1.35; 10 lbs., $2.50.**

EARLY WHITE FLAT DUTCH. A most excellent early garden variety and largely used in the southern states. Roots medium sized, flat, color white, very early, sweet and tender. It is desirable for table use, but is spongy and inferior when overgrown. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.**



WHITE MILAN, THE EARLIEST OF ALL.



PURPLE TOP WHITE GLOBE.

PURPLE TOP WHITE GLOBE.

This is the most popular of all market turnips. It originated from the purple top, flat turnip. The shape is globular and of good size and in appearance it is the best looking of all varieties, the white globe surface having an uneven purple edging at the top. The flesh is firm, fine grained, white, and of most excellent flavor. It is a fine keeper, equally desirable for table and stock. An immense producer. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c. By express, lb., 40c; 5 lbs., $1.85; 10 lbs., $3.65.**

White Egg. A quick-growing, egg-shaped, perfectly smooth, pure white variety, growing half out of the ground, with small top and rough leaves. The flesh is very sweet, firm and mild, never having the rank strong taste of some white varieties. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

COW HORN or LONG WHITE. A pure white variety with a slight shade of green on the skin at the top. In form like a carrot, and is usually slightly bent. It grows nearly half way out of the ground. The table quality is the best, and it is a rapid grower. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c.**

RHODE ISLAND ROCK. A great improvement on the White French Turnip, made after years of selection by a Rhode Island market gardener. It is fully three weeks earlier than any other turnip of its class, and can be planted later to follow such crops as peas, corn, beets, etc. It is very hardy and solid, flesh pure white, fine grained, brittle and sweet. Excels all other turnips as a keeper. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.**

EARLY SNOWBALL. Small, rapid grower; white. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.**

WHITE NORFOLK. Globular, late, solid. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.**

POMERANIAN WHITE GLOBE. Large, good for both table and stock. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.**

SWEET GERMAN. A fine table sort, white flesh, excellent keeper. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.**

SEVEN TOP. A variety much grown in the South for the tops, which are used as greens. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

YELLOW FLESHED VARIETIES.

Golden Ball or Orange Jelly. A medium sized globular Turnip. The season is early; flesh a golden yellow, of fine texture, very sweet and nice for table. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.**

Yellow Stone. A popular yellow fleshed variety of round shape, somewhat flattened. For table and market it is one of the best, being of excellent quality and a good keeper. Also good for stock. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.**

YELLOW ABERDEEN. Large globe shaped yellow variety; excellent for keeping. Good for both table and stock. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.**

LARGE YELLOW, or AMBER GLOBE. Large; of excellent quality, and sweet. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.**

SWEDES OR RUTABAGAS.

These require a longer season than Turnips do. For table use, they usually keep better and are slightly better flavored than the Turnip. They are also an excellent crop to raise for cattle feeding, yields are heavy and the feeding value high. See page 24 for other stock roots. This crop should be sown from the 1st to the middle of July.

Vaughan's Improved. From stock of a purple-topped variety of the largest size, best shape, with small neck and smooth skin; good cropper and keeper. Excellent table quality. Also one of the best sorts for stock. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c. By express, 5 lbs., $1.60**

VASSAR.

This is a yellow fleshed selection of the White Breadstone Rutabaga and is a very desirable variety for late Fall use. The flavor is at its best about Christmas and after. The roots are very hard and keep into the Summer if stored in a good cellar. Pkt., 10c; oz., 15c; ¼ lb., 35c.

LAINGS. Large, early, purple top, yellow flesh. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.**

CARTER'S IMPERIAL. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.**

SKIRVINGS. Large size and yellow. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.**

BREADSTONE. Medium sized, white roots. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

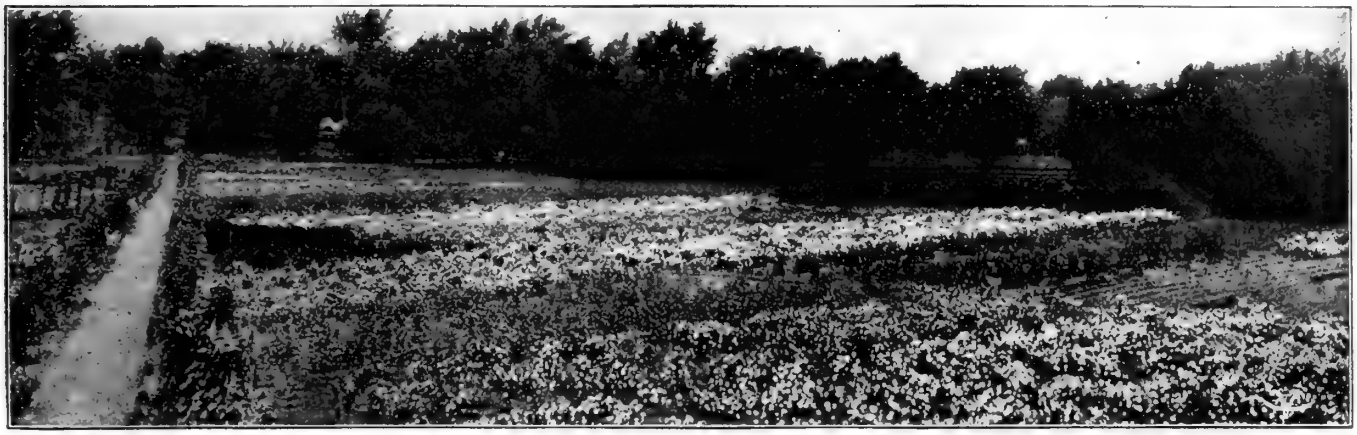
Hurst's Monarch. Yellow fleshed and oblong in form. Flesh solid, fine grained, and of the best flavor. For earliness, quality and weight, it is superior to any variety in cultivation, producing from two to seven tons per acre more than any other Swede, while the large percentage of saccharine matter contained in the roots makes it very nutritious to cattle. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.**

WHITE SWEDE. Flesh white and solid. Large size. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.**

SUTTON'S CHAMPION. Wonderful yielder, spherical yellow flesh. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.**

VAUGHAN'S IMPROVED RUTABAGA.

VAUGHAN'S FLOWER SEEDS.



Partial view of our Trial Grounds at Western Springs, where we test each season thousands of samples of Flower and Vegetable Seeds, Bulbs and Plants for purity and vitality. Here we also make trials of many novelties which are annually introduced.

There is no place so small that there is not room for a few of these beautiful flowers, and with trifling expense a succession and abundance of blooms can easily be secured.

ANNUALS attain full growth from seed, flower and die in one year.

BIENNIALS grow from seed one year, bloom and die the next, though some varieties bloom the first season when sown early.

PERENNIALS last for several years, blooming annually after the first season, though some varieties will bloom the first season if sown early.

EXPLANATION OF ABBREVIATIONS

H. A.—Hardy Annuals.
H. H. A.—Half-hardy Annuals.
T. A.—Tender Annuals.
C.—Climber.
H. P.—Hardy Perennials.
H. H. P.—Half-hardy Perennials
H. B.—Hardy Biennials.
T. P.—Tender Perennial.
H. H. B.—Half-hardy Biennials.
H. C.—Hardy Climber.
G. P.—Greenhouse Plant.

Abobra. **50. Viridflora.** H.H.P. 15 ft. A rapid growing, climbing gourd. The scarlet fruit is not larger than a cherry and is strikingly in contrast with the dark green, finely cut foliage.. Pkt., 10c.

Abronia. **55. Umbellata Grandiflora.** (Sand Verbena.) H.H.A. 6 in. Very pretty trailing plants with numerous clusters of sweet-scented flowers. Rosy lilac, with white eye. Does well in poor, light soil. Pkt. 5c; ¼ oz., 15c.

Abrus Precatorius. (*Weather Plant.*) **58.** G. 12 ft. This wonderful Weather Plant of the West India Islands is grown in gardens. Very beautiful foliage and blossoms. The position of the leaves foretells the weather, it is said. Seeds bright scarlet and black, very beautiful. Soak well in warm water before sowing. Pkt., 5c.

Abutilon. (*Flowering Maple.*) G.P. 3-4 ft. Useful pot plant. Handsome little bushes, covered with bell shaped flowers in the daintiest and also strongest colors, dotted and veined. Blooms readily from seed the first summer. Suitable for greenhouse and garden.

62. Royal Prize Mixture. Pkt., 15c.

63. Abutilon. Good mixed. Pkt., 10c.

Acacia. **70. Lophanta Speciosa.** G.P. 6 ft. Handsome greenhouse shrub, fine for out-doors in summer. Flowers, yellow, foliage finely cut. Soak seed in hot water before sowing. Pkt., 10c.

71. Acacia. Many sorts, mixed. Pkt., 5c; ⅛ oz., 15c.

Acanthus. (*Bear's Breech.*) H.P. 3 ft. Handsome decorative plant, with broad foliage and of stately effect, either for planting as single specimens on the lawn or in the border, or for grouping with other plants for sub-tropical effect; flowers August till frost.

76. Mollis. Deeply-toothed heart-shaped leaves, 2 ft. by 1 ft.; flowers purplish rose. Pkt., 10c.

77. Latifolius. A variety of the above with larger, heavier foliage, more robust in every way; an interesting, handsome plant. Pkt., 10c.

Achillea. (*Yarrow.*) **82. "The Pearl."** H.P. 2 ft. From spring till frost is covered with heads of purest white double flowers. A grand plant for cemetery decoration and cutflowers. Sow seed early. Pkt., 10c; 1-16 oz., 50c.

Aconitum. (*Monk's Hood Wolfsbane.*) **86. Napellus.** H.P. 3 ft. Long spikes of curiously-shaped blue and white flowers. Plant in shrubbery or in shady corners of the garden. Seed germinates slowly. Pkt., 5c; ¼ oz., 25c.

87. A. Napellus, white. Pkt., 10c.

Acroclinium. (*Everlasting.*) H.H.A. 1 ft. A pretty "Everlasting," bearing lovely white or rosy-pink flowers, which, when cut in the bud state, can be dried and used in winter bouquets. Fine for mixed borders.

92. Pink. 93. White. 94. Mixed, each, pkt., 5c; ¼ oz., 10c.

Adenophora Potanini. **100.** H.P. 18 in. Lovely new shrubby Campanulacea, producing its elegant and slender flower spikes during July and August. They are garnished with numerous large, bell-shaped flowers, 1¼ in. in diameter and of a beautiful light blue color. Pkt., 15c.

Adlumia. (*Allegheny Vine.*) **105. Cirrhosa.** H.B.C. 15 ft. A graceful hardy climber. The feathery foliage is like the Maidenhair Fern, the flowers are tube-shaped, delicate rose, pink and white, and cover the plant. For covering trellises, stumps of trees, etc., it is very desirable. Pkt., 10c.

Adonis. **108. Flos Adonis** (Pheasant's Eye). H.A. 1 ft. Showy and of easy culture, with pretty, fine-cut foliage, and lasting a long time in bloom; dark crimson flowers, with a light center. Pkt., 5c; oz., 20c.

109. A. Autumnalis. H.A. 1 ft. Scarlet. Pkt., 5c; oz., 20c.

110. A. Vernalis. H.P.-18 in. Bright yellow. Pkt., 5c; ½ oz., 15c.

Agapanthus. **115. Umbellatus.** T.P. 1 ft. African Lily, beautiful blue flowers. Pkt., 10c.

Agathea. (*Blue Daisy.*) **120. Coelestis.** T.P. 1 ft. Identical with Paris Daisy but sky-blue with a yellow disc; flowers all the year. Also fine winter bloomer. Pkt., 10c.

Agrostemma. (*Rose Campion.*) H.P. 1-2 ft. Very attractive, free-flowering, producing bright colored flowers on long, slender stems like a single pink, blooms the first season; fine for cutting.

135. Coronaria. Mixed varieties. H.P. Pkt., 5c; ½ oz., 15c; oz., 25c.

136. Flos Jovis. H.P. 1 ft. Beautiful pink. Pkt., 5c; ½ oz., 15c; oz., 25c.

138. Coeli Rosa. H.A. 1 ft. Rose of Heaven. Pkt., 5c; ½ oz., 15c; oz., 25c.

Ageratum.

AGERATUM.

H.A. One of the best summer-blooming plants grown from seeds. They are rapid growers, early and constant bloomers. During the hot dry summer months their bright flowers are produced in the greatest profusion. Set the dwarf sorts 10 in. apart and they soon make a low mass of charming blue or white.

122. Lasseauxi. T.P. 3 ft. The plants grow vigorously and produce their soft pink flowers the entire summer. A splendid cut-flower. Pkt., 10c.

123. Little Blue Star. 4-5 in. A handsome new variety, different from all other dwarf sorts. The tiny bushy plants are filled with clusters of flowers of light blue, with dark red center, changing to pure light blue. The plants are literally covered with flowers, we have counted over 200 on a single plant. Pkt., 15c.

124. Princess Victoria Louise. 6 in. In bloom all summer. This is the prettiest of the Dwarf Ageratums. The plants grow in dense bushes. Flowers are of the loveliest sky-blue with white center. This is a splendid plant for borders, ribbon bedding, etc., and if a row of our Little Gem Alyssum is sown in front of it there is a lovely combination of white and blue. Pkt., 10c.; 3 for 25c.

125. Blue Perfection. 9 in. Like the Imperial Dwarf Blue, but far surpasses it by its deep amethyst blue flowers. It is the darkest of all that can be grown from seed. Pkt., 10c; ¼ oz., 25c.

126. Mexicanum. 18 in. Blue. Pkt., 5c; ¼ oz., 10c.

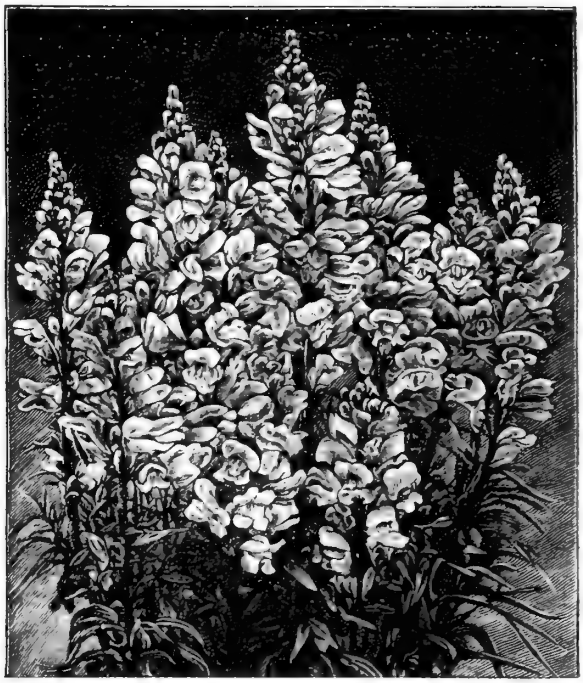
127. Mexicanum Album. 18 in. White. Pkt., 5c; ¼ oz., 10c.

128. Dwarf Blue. 6 in. Good plant for ribbon borders. Pkt., 5c; ⅛ oz., 15c

129. Dwarf White. Like above except in color. Pkt., 5c; ⅛ oz., 15c.

132. Ageratum. Mixed. Pkt. 5c., ¼ oz. 15c.

Customer Wins First Prize, Porch Gardens, 4th District, Tribune Garden Contest, 1908.
"Our Asters, Phlox, Verbenas and Pansies are beautiful—the Seeds we secured from Vaughan's Seed Store—we had unusual success this year."
Mrs. F. G. Culver, Chicago.



ALYSSUM, VAUGHAN'S LITTLE GEM.

160. This should really be called the **"Snow White Carpet Plant,"** for the plants, which are only a few inches high, grow so dense and are so completely covered with snow-white blossoms, they create the impression of a beautiful carpet spread over the ground. We know of no other white flower which is so particularly well adapted to borders, ribbons, etc., as our "Little Gem" Alyssum. The plants commence to bloom when quite small, and will flower all summer long till late in the fall. This habit with its fragrance makes it indispensable. Pkt., 5c; ¼ oz., 15c; ½ oz., 25c; oz., 40c; ¼ lb., $1.25.

VAUGHAN'S SPECIAL

SWEET ALYSSUM.

161. This is one of the finest hardy annuals we have, and is beloved by many on account of its modest blossoms. It is pleasantly fragrant, and just the thing for personal adornment or for the breakfast table. It begins to blossom early in the season and blooms until fall. It is a neat, thrifty, healthy grower and should be cultivated by every one who wants an all-around good plant. Sow the seed wherever they are to remain. If too thick, thin out. To prevent sowing too thickly mix seed with sand before sowing. Pkt. 5c; ½ oz., 15c; (enough for a row 40 ft. long); oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., $2.25.

Hardy Alyssum. (*Basket of Gold.*) 164. **Golden Saxatile.** H.P. 12 in. Flowers brilliant, golden yellow, completely hiding the foliage. Desirable for rock work and quite showy in masses. Blooms in spring. Pkt., 5c; ¼ oz., 15c.

Alonsoa. 150. **Warscewiczi.** H.H.A. 2 ft. A fine plant, suited for bedding; with Chorizema-like orange-scarlet flowers. A sunny spot should be chosen; fine for cutting. Pkt., 10c.

Ammobium. (*Winged Everlasting.*) 194. 30 in. This pretty white annual Everlasting should be in every garden. If sown in April or May the plants bloom freely in August. Grows in sandy soil. Flowers white with a yellow disc. Pkt., 5c; ½ oz. 15c.

Ampelopsis. (*Boston Ivy.*) 198. **Veitchii.** H.P. The well known Boston Ivy. (See description on plant pages.) It climbs the smoothest walls. Perfectly hardy. Pkt., 5c; ½ oz., 15c; oz., 25c.

AMARANTHUS.

T.A. Brilliantly foliaged annuals, some of the varieties bearing curious racemes of flowers. All are useful in borders of tall plants, among shrubs, or for the center of large beds. Do not grow them too closely together, but give them sufficient room to develop their full beauty.

170. **Caudatus.** (Love Lies Bleeding.) 3 ft. Blood-red; drooping. Pkt., 5c.

172. **Salicifolius.** (Fountain Plant.) 3 ft. Graceful red and yellow foliage, of drooping habit. Pkt., 5c.

173. **Sunrise.** 2 ft. A most beautiful plant; the leaves are long and narrow, the upper ones of the brightest glowing crimson. Pkt., 10c.

174. **Splendens.** The finest of its class, with leaves of the most brilliant colors. The inner foliage is of Blackish bronze, tipped with green, while the outer foliage is bright scarlet and gold. The colors are especially brilliant if grown in rather poor soil. Pkt., 5c.

175. **Tricolor.** (Joseph's Coat.) 2½ ft. Scarlet, green and yellow. Pkt., 5c.

176. **Tricolor Marmoratus.** 3½ ft. Foliage bronzy-red and green, each of the numerous branches having tip-tufts of bright yellow leaves splashed rose and crimson. Pkt. 10c.

178. **Unicolor Sanguineus.** 2 ft. Bushy Plant with rich, glossy maroon red leaves; effect very fine. Pkt., 10c.

182. **Amaranthus. Fine Mixture.** All the above and many others. Pkt., 5c; ¼ oz., 10c; oz., 25c.

Ambrosia. 190. H.A. Very curious, with long spiral stems, bearing an abundance of small round greenish-yellow buds and blossoms, which are exceedingly fragrant. It is desirable as a plant for its fragrant foliage, and for making up into bouquets and other floral work, its long, beautiful, fringed spirals of lovely green being unsurpassed. Sow early in open ground. Pkt., 10c.

GIANT FRAGRANT SNAPDRAGONS.

(*Antirrhinum.*)

18 in. The flowers of this new strain are of very large size, are very fragrant, and are produced on immense long spikes, which render them extremely well adapted for flowers. They are easily raised from seeds, in any rich sunny bed. Spring seedings bloom by mid-summer, and if the flowers are cut freely the flowering will be continuous till fall. If intended for winter flowering in the house cut them well back in September. The Snapdragon, like most perennials and biennials which bloom the first year, is treated as an annual and sown every year.

240. **Coral Red.**
241. **Day Break,** pink.
242. **Lovely,** white, pink.
243. **Brilliant,** variegated.
244. **Crescia,** scarlet.
245. **Firefly,** variegated.
246. **Golden King.**
247. **Butterfly,** striped.
248. **Giant White.**

252. **Queen Victoria.** 3 ft. The best of the tall-growing white Snapdragons. The plants produce beautiful, large, white flowers on long slender stems the entire season. Pkt., 10c. Each of above, pkt., 10c; ⅛ oz., 15c.

SPECIAL OFFER NO. 57. One pkt., each of above 10 kinds. 75c.

260. **Vaughan's "Special Mixture" of Giant Snapdragons.** Includes all above and many others. Pkt., 10c; 3 for 25c; ¼ oz., 35c; oz., $1.00.

VAUGHAN'S SPECIAL

265. **Aurora.** 18 in. A very striking new color, cinnabar-scarlet with a white throat, producing a most pleasing and lively contrast. Pkt., 10c.

268. **Snow Queen.** 8 in. A very pretty, very dwarf sort, splendid for pots and for edging. The plants produce beautiful white flowers all summer. Pkt., 10c.

270. **Fireball.** 15 in. The color of this new Snapdragon is of remarkable brilliancy, the most dazzling scarlet. The plants flower all summer and fall. Pkt., 10c.

272. **Queen of the North.** 12 in. The plants grow into handsome, regular bushes covered with large white flowers, deliciously sweet. For bedding and pot culture. Pkt., 10c., ⅛ oz. 15c.

280. **Tall Sorts.** Mixed pkt., 5c; ¼ oz., 15c; oz., 40c.

282. **New Double Tricolor,** see novelties.

283. **Dwarf Sorts.** 8 in. Mixed pkt., 5c; ¼ oz., 20c.

Anagallis. 200. **Grandiflora Coerulea.** H.A. 6 in. Bushy garden annual, rich blue Browalia-like flowers, 1 in. across. Pkt., 10c.

201. **Mixed Colors.** Pkt., 5c; ⅛ oz., 10c.

Anchusa. (*Cape Forget-me-not.*) 205. **Capensis.** H.H.A. 2 ft. A rare and little known annual of great beauty which will thrive in a shady, out-of-the-way place, where scarcely anything else will grow. It resembles a large, beautiful Forget-me-not. Color a shade of deep blue. Blooms all summer. Pkt., 5c; ½ oz., 20c.

Anemone. (*Wind Flower.*) H.P. Very pleasing, hardy plants for the herbaceous border. Fine large flowers; few plants compare with them in beauty; fine for bouquets.

210. **Coronaria.** Mixed colors. (Poppy Anemone.) Pkt., 5c.

211. **Pulsatilla.** 10 in. Blooms in April or May. Flowers violet or purple, fine for rockery. Pkt., 10c.

212. **Sylvestris.** One of the most satisfactory for the border. Flowers large, cup-shaped, pure white. Pkt. 10c.

215. **St. Brigid's Strain, Double and Single.** 12 in. A beautiful selection of the Coronaria, comprising semi-double and double flowers in a wonderful array of colors; seed sown in midsummer produces flowering plants the following spring. Mixed colors. Pkt. 15c.

Angelonia. 220. **Grandiflora Alba.** 20 in. Valuable cut-flower. These plants produce large, sweet-scented, pure white flowers in abundance. Pkt., 10c.

Anthemis. (*Hardy Marguerite.*) 225. **Tinctoria Kelwayi.** H.P. 2 ft. A most satisfactory plant-bearing all summer daisy-like golden-yellow blossoms; excellent for cutting. Pkt. 10c.

Aquilegia-Columbine.

AQUILEGIA - COLUMBINE.

H.P. 12-24 in. Charming hardy plants, bearing in countless numbers through May and June exquisite clear blue, white, rose, yellow, purple and striped blossoms. For planting in permanent borders or edges of shrubbery this old-fashioned favorite is one of the best of all. They thrive well with ordinary garden culture, but such sorts as A. cœrulea and A. chrysantha do best in partially shaded, well-drained nooks. Few hardy perennials are so easily grown from seed.

310. Canadensis. 18 in. Scarlet and yellow; June-July. Pkt., 5c; ⅛ oz., 15c.

312. Chrysantha. 3 ft. Golden yellow, long-spurred; June-Aug. Pkt., 10c; ⅛ oz., 15c.

313. Chrysantha. Fl. Pl. New; double golden yellow flowers. Pkt., 15c.

314 Chrysantha Grandiflora Alba. (White Spurred Columbine). Large flowering, pure white sort, with fine long spurs. A beautiful plant for pots. Pkt., 10c; ⅛ oz., 30c.

320. Coerulea. (Rocky Mt. Columbine). 3 ft. One of the most beautiful of our native American flowers. Sepals deep blue, petals white; June-July. Pkt., 10c; ⅛ oz., 25c.

321. Coerulea Hybrida. Large flowered long-spur hybrid. Pkt., 10c; ⅛ oz., 30c.

322. Coerulea Rosea. New pink; (see novelties). Pkt., 25c.

326. Glandulosa Vera. 2 ft. Sometimes has 50 to 80 blossoms over 3 inches in diameter, of the deepest blue, with pure white corolla; May-June. Pkt., 10c.

327. Helenae. 2 ft. A cross between A. Flabellata Nana and A. Cœrulea, in foliage resembling the latter. The flower stalks bear large flowers of rich deep blue with a white corolla; May. Pkt., 15c.

328. Nivea Grandiflora. 15 in. Large, pure white; May Pkt., 5c.

329. Vervaeneana Atroviolacea Plenissima. Double violet. Pkt., 5c; ⅛ oz., 10c.

333. Vulgaris Alba Plena. 2 ft. Double white, lasting. Fine for cut-flower and the wild garden; May-July. Pkt., 5c; ¼ oz., 20c.

334. Vulgaris Single Mixed. Many varieties. Pkt., 5c; ¼ oz., 10c.

335. Vulgaris Double Mixed. Pkt., 10c; ¼ oz., 15c.

340. Vaughan's Special Mixture Columbines. Includes all the above named varieties and will produce a magnificent bed of these desirable hardy plants. Pkt., 25c.

Arabis Alpina Grandiflora Superba. **350.** H.P. Large clusters of Verbena-like flowers of the purest white contrasting pleasingly with the rich dark green of the foliage. Of special value for early Spring blooming and handsome cut-flower. Pkt., 15c.

Arabis Alpina. **351.** 6 in. One of the earliest flowers to bloom in the spring. The blossoms resemble Sweet Alyssum, are deliciously fragrant and completely cover the plant. Fine for rock work. It should be in every garden. Pkt., 10c; ¼ oz., 25c; oz., 80c.

Arctotis Grandis. (*African Lilac Daisy.*) **355.** H.H.A. 30 in. A handsome new annual from Africa, growing luxuriantly and forming profusely branched bushes. Its flower heads, borne on long stems are 3 in. across, pure white on the upper surface, reverse of petals pale lilac. Pkt., 10c; 3 for 25c.

Aristolochia Sipho. (*Dutchman's Pipe Vine.*) **360.** H.P. 30 ft. A hardy perennial climber, of rapid, luxuriant growth with large, heart-shaped leaves. Pkt. (30 seeds), 10c.

Armeria. (*Sea Pink.*) (*Cushion Pink.*) **365. Formosa.** H.P. 15 in. A very pretty edging plant, bearing large tufts of rosy-pink flowers nearly all summer. Pkt., 10c.

366. Maritima, purple. Pkt., 5c.

Artemisia. **370. Annua.** Fine ornamental foliage plant. Pkt., 5c.

371. Argentea. Beautiful silvery leaves. Perennial. Pkt., 10c.

Asclepias. (*Butterfly Weed.*) **376. Tuberosa.** H.P. 2 ft. One of the showiest of our native perennials and producing from July till frost compact umbels of brilliant orange. Pkt., 10c.

375. Hallii. Flowers similar to those of A. Princeps, but much larger. Pkt., 10c.

Asparagus Plumosus Nanus. **384. Lace Fern.** T.P. Most popular house plant to-day. We sell thousands to florists who grow the pot plants. You can grow it for yourselves and neighbors. The leaves are bright green, gracefully arched, surpassing Maidenhair Ferns in grace, delicacy of texture and richness of color. Price, Vaughan's Greenhouse grown seed, pkt., (7 seeds), 10c; 25 seeds, 35c; 50 seeds, 60c; 100 seeds, $1.00.

Asparagus Sprengeri. **385.** T.P. 4 to 6 ft. The fronds are a little coarser, longer and drooping. A No. 1 for hanging baskets. Pkt. (15 seeds), 10c.

Asperula. (*Sweet Woodruff.*) **390. Odorata.** H.P. 6 in. Grown for its fragrant leaves and stems, which dried, have a sweet odor, and are used for putting among clothes, etc.; also used to flavor the "Maitrank," or May wine. Best grown among shrubbery, in semi-shaded positions where it can remain undisturbed; flowers white. Pkt., 10c.

Auricula. (*Primula Auricula.*) **670.** H.P. 6 in. A well-known favorite of great beauty; Seed saved from splendid mixed varieties. Pkt., 10c.

VAUGHAN'S DWARF ASTERS.

VAUGHAN'S SNOWBALL.

400. The Best Dwarf White Aster. Beautiful shape of the snow-white flowers and the free flowering habit of the plants are unequaled in any other dwarf aster. Pkt., 15c; 2 for 25c.

PINK POMPONE.

401. The Best Dwarf Pink Aster. In every respect like the Snowball, but in color the most brilliant satiny rose, turning lighter towards the edges of the flowers. A very pretty companion to the above. Pkt., 15c; 2 for 25c; ⅛ oz., 35.

SPECIAL OFFER NO 59. One pkt. each Snowball and Pink Pompone Aster for 20c.

Dwarf Queen. 10 in. This splendid Aster makes low compact bushy plants; which produces a great number of double, extra large flowers like the Victoria Aster, 3 in. across. Excellent for bedding and pots.

405. White. 406. Crimson. 407. Pink. 408. Dark Blue. 409. Light Blue. 410. Brilliant Rose.

Each, per pkt., 10c; any 3 for 25c.

414. Dwarf Queen Aster. Mixture of all colors. Pkt., 10c; ⅛ oz., 40c.

Dwarf Queen Aster.

DWARF PIGMY.

435. 8 in. Pretty little plants of handsome form, completely covered with flowers, each plant forming a neat bouquet. The flowers are of the most distinct and delicate shades. Many colors mixed. Pkt., 5c; ⅛ oz., 20c.

VAUGHAN'S LITTLE GEM.

536. 6 in. One of the prettiest Asters we know. The neat bushes are covered with flowers of the most charming combination of pink and white. A clump or row of them will form a pleasing spot in the the garden. Pkt., 10c.

VAUGHAN'S FIREBALL.

438. 10 in. The most brilliant Dwarf Aster. It forms a neat well shaped bush covered with beautifully shaped double flowers of the brightest scarlet. Very effective for bedding and fine in pots. Pkt., 10c; extra large pkt., 25c; ⅛ oz., 40c.

Gloria or Buttonhole. **440.** 10 in. Very branching and free blooming. The flowers, 1½ inch in diameter are pure white, with a beautiful scarlet margin. It is the prettiest Aster we know for buttonhole wear or small vases. The flowers last a day in the hottest weather if worn in the buttonhole. Pkt., 15c; 2 for 25c.

Dwarf Chrysanthemum Flowered. 10 in. Of very compact growth; 3½ in. flowers, free flowering and later than other varieties, therefore valuable for succession.

418. Snow White.
419. Brilliant Rose.
420. Dark Crimson.
421. Fiery Scarlet.
422. Dark Blue.
423. White turning to Azure Blue.
424. White turning to Pink.
425. Light Blue and White.
426. Light Blue.
427. Peach Blossom.

Each of above, Pkt., 10c; any 3 for 25c; any 6 for 45c; ⅛ oz., 30c.

432. Many Colors Mixed. Pkt., 5c; ⅛ oz., 25c.

Dwarf Comet, or Poodle. Handsome and very distinct, resembling the Japanese Chrysanthemum in shape of flowers, the petals are very long and beautifully curled, are of a lovely delicate pink bordered with white, bright pink, light blue and other colors.

444. Peach Blossom.
445. White.
446. Rose.
447. Pink Bordered White.
448. Light Blue and White.
449. Dark Blue.
450. Light Blue.
451. Scarlet.
452. Bridesmaid.

Any of the above, per pkt., 10c; any 3 for 25c; ⅛ oz., 25c.

456. Many Colors Mixed. Pkt., 10c; 3 for 20c; ⅛ oz., 25c.

DWARF ASTERS. 460. Many Classes Mixed. ⅛ oz., 20c; large pkt., 5c.

VAUGHAN'S EXCELSIOR MIXTURE OF DWARF ASTERS.

465. Many of our customers may find it difficult to choose among the above strains of Dwarf Asters, and where exact heights are not required we recommend the planting of our **Excelsior Mixture.** It is comprised of the most distinct and desirable colors of the different classes of Dwarf Asters and many others not listed above, especially selected for this mixture insuring satisfaction for the grower. **Pkt.** (250 seeds), **15c; extra large pkt., 25c; ⅛ oz., 50c.**

VAUGHAN'S ASTERS.

SEE ALSO NOVELTY PAGES

Asters are of very easy culture. The seed can be sown in the open ground in May and the plants will then bloom in September and October. For earlier blooming, seed should be sown in March or April, in cold frame or hot bed, or boxes in the house. Seed should not be covered more than ¼ in.

Asters must not be planted in freshly manured soil nor in soil that has been planted with Asters for two or three years previous. Unslacked lime or fresh wood ashes are beneficial if stirred in the soil a little before the planting.

QUEEN OF THE MARKET.

The best early Aster, usually in full bloom two weeks before most other sorts begin to blossom. Of graceful, spreading habit.

470 Crimson. 472 Light Blue. 474 Scarlet.
471 Dark Blue. 473 Pink. 475 White.
Each, per pkt., 10c; ¼ oz., 25c; oz., 85c.
480 Queen of the Market, many colors, mixed, pkt. 10c; ¼ oz., 25c; oz., 75c.

VAUGHAN'S IMPROVED VICTORIA.

Undoubtedly one of the most handsome Asters in cultivation, and we have an excellent strain of it. Flowers large, perfectly double, globular and imbricated; plants are of fine pyramidal form.

485 Snow White.
486 White, turning to Azure Blue.
487 Lavender.
488 Apple Blossom.
489 Dark Crimson.
490 Light Blue.
491 Bright Scarlet.
492 Deep Blood-Red.
493 Dark Blue.
494 Dark Blue and White.
495 Bright Pink.
496 Bright Rose, tinged White.
497 Crimson and White.
498 Indigo Blue on White Ground.
499 Vermillion, shaded White.
500 Vermillion Scarlet, new.
501 Carmen, see novelties.
502 Miss Roosevelt, primrose passing to flesh.
Each of the above, pkt. 10c; any 3 for 25c; per ⅛ oz., 50c.
505 Many colors, finest mixed. Pkt. 10c; ⅛ oz., 35c; ¼ oz., 60c.
506 Imported Collection. 12 colors, 60c. 507 Imported Collection. 6 colors, 30c.

VAUGHAN'S BEAUTY.

510 A splendid sort, resembling Victoria Aster in shape and size of flowers. The color is the brightest red imaginable, with a satiny gloss. Pkt., 10c.

PEONY-FLOWERED ASTERS.

One of the handsomest sorts; flowers are borne on long, wiry stems, are very large, from 3 to 4 inches in diameter, very double, and in shape like a Peony.

515 Pure White.
516 White and Blue-Black.
517 Brilliant Rose.
518 Gravelotte, deep blood red.
519 Pink and White.
520 Dark Blue.
521 Light Blue.
522 Shining Blue-Black.
523 Brilliant Scarlet, striking, beautiful color.
524 Sky Blue, tipped White.
525 Daybreak Pink; lovely.
526 Crimson and White.
527 Lavender.
528 Light Blue and White.
529 Amethyst, a fine color.
530 Sunlight, new, yellow.
Each of the above, per pkt., 10c; any 3 for 25c; ⅛ oz., 25c; ¼ oz., 45c.
535 Mixed Colors, pkt., 10c; ⅛ oz., 20c; oz., $1.25.
536 Imported Collection, 6 colors, 25c. 537 Imported Collection, 12 colors, 50c.

GIANT COMET, OR POODLE ASTERS.

This class is one of the handsomest of the tall growing-sorts. The plants bear their immense flowers in great abundance. These flowers with their long, twisted petals, strikingly resemble Japanese Chrysanthemums.

542 White, large. 545 Light Blue. 548 Bright Crimson.
543 Salmon Rose, new. 546 Dark Blue. 549 Lavender.
544 Rose. 547 Bright Carmine. 550 Sulphur Yellow.
551 The Bride. The flowers, at first pure white, change to a lovely pink and finally to a beautiful rose tint; a most charming variety for cut flowers.
552 Queen of Spain. Primrose turning to blush, a very desirable sort.
553 Bismarck Brown.
554 Cinnabar Carmine, two very distinct colors.
Each of above, pkt., 10c; any 3 for 25c; any 6, 45c; by weight, ⅛ oz., 25c; ¼ oz., 40c.
562 Giant Comet, Mixed. The above colors and others. Pkt., 10c; ⅛ oz., 20c; oz., $1.25.

HOHENZOLLERN ASTER.

The finest type of the Giant Comet, or Ostrich Feather type of Asters. Much larger than the Giant Comet, the petal longer, more curled and twisted, and produced in greater abundance. Borne on long stems they make cut flowers, par excellence.

570 White. 571 Crimson. 572 Pink. 573 Brilliant Rose. 574 Light Blue. 575 Silvery Lilac.
Each, pkt., 10c; ⅛ oz., 30c; 1 pkt. each of the six for 45c.
580 Hohenzollern Aster, Mixed. Pkt., 10c; ⅛ oz., 25c.

EARLY FLOWERING HOHENZOLLERN or "EARLY WONDER."

Like the above as to habit and shape of flowers, and about twice as large as the Queen of the Market, while just as early as that variety. One of our German seed grower friends writes us: "This is the most perfect of all Early Asters up to date."

584 Pure White. 585 Pink. Each, pkt., 10c; 3 for 25c.
CREGO ASTER, see novelties.

China Asters can be sown in the open in June or July and will produce fine fall blooms

ELEGANCE ASTER.

The Best Single Aster. The plants are strong and vigorous, and of handsome pyramidal habit, very free blooming, and produce their beautiful flowers on long, slender stems. The flowers are from 2 to 3 inches in diameter, with small yellow centers, and last for a week when cut. The petals are broad and wavy, reminding one of the Single Japanese Chrysanthemums.

651 White. 652 Lavender. 653 Dark Blue.
Each, pkt., 10c; one pkt., each of the three for 25c.

TALL SORTS.

Queen of the Market.

NEW WHITE UNICUM ASTER.

586 This grand new Aster, 2 ft. high, is of vigorous branching habit, differs essentially in form of flowers from all other large flowering classes. The flowers are composed of long narrowly-channelled petals regularly expanded in all directions, presenting beautiful loose flowers of wonderful form, 5 to 6 inches in diameter. Splendid variety for cutting. Pkt., 15c; 2 pkts., 25c.

HARDY ALPINE ASTERS.

654 Sow the seed early, and they will bloom profusely during the entire fall, and make plants that will bear hundreds and hundreds of flowers year after year; they are perfectly hardy. The flowers are large and very bright and beautiful; many are deep blue with yellow center. This is a very superior mixture, and contains at least 50 different kinds. Pkt., 15c.

655 ASTER AMELLUS ROSEUS, see novelties.

Type of Giant Comet and Hohenzollern Asters.

HERCULES ASTER (WHITE)

587 The plants throw very strong stems, 15-20 in., which begin branching about 4 in. from ground and bear at the summit the main central flower, while the side shoots carry 4 to 6 secondary blooms. Flowers borne on remarkably strong stalks, pure white, long petals and attain a diameter of six inches. Pkt., 15c.

Vaughan's Giant Branching Aster.

VAUGHAN'S GIANT BRANCHING ASTERS.

24 in. Beautiful Asters for cut-flowers. Quite different in several respects from any Aster known. The branching habit is accompanied with great vigor of growth and profusion of bloom. The flowers are very large, very double, borne on long stiff stems, and the colors are clear and handsome.

591. Light Blue. 592. Flesh Pink, (Mary Semple). 593. White. 594. Rose Pink. 595. Lavendar. 596. Purple. 597. Crimson.

Pkt. (100 seeds), **10c; 1 pkt., each of the 7 for 50c. Per ⅛ oz., each, 25c; oz., $1.00.**

600. GIANT BRANCHING ASTERS. Mixed. Pkt. (200 seeds), **10c; ⅛ oz., 20c; ¼ oz., 35c; oz., 80c.**

VAUGHAN'S UPRIGHT BRANCHING ASTERS.

This type grows, as its name indicates, upright, not spreading, and therefore admits of close planting. Flowers are very large and double, and the stems up to 20 inches long.

602. White. 603. Rose Pink. Each, pkt., 10c; ⅛ oz., 25c.

THE "CARLSON," OR "INVINCIBLE" ASTER.

The Early-Flowering Branching Aster.

A selection of the Pæony Flowered type. This Aster is one of the favorites in the Chicago cut-flower market. The flowers are large and firm; the stems long and stiff, and the colors are decided and pleasing. The plants grow about 24 in. high and come in bloom about 10 days before the Giant Branching Asters.

605. White. 606. Rose Pink. 607. Lavender. 608. Violet Blue. 609. Daybreak Pink. Each pkt., 10c; any 3 for 25c; per ⅛ oz., 25c; oz., $1.25.

615. The above colors mixed. Pkt., 10c; ⅛ oz., 20c; oz., $1.00.

VAUGHAN'S JUNE-FLOWERING ASTER.

619. This new Aster is larger, better and earlier than Queen of the Market, white, sown and planted alongside of the latter it blooms fully one week earlier. The flowers are of good size and form, very double and pure white. They are borne on stems from 18 to 20 inches in length. They are splendid for beds or borders, sown where they are to stand. They are continuous bloomers; when the flowers are cut they continue to send out new growths and flowers. Pkt., 15c; ⅛ oz., 35c.

Violet King. 620. The habit is similar to the branching Aster, vigorous in growth with long stiff stems. In form the flower is entirely new and distinct; petals somewhat resemble the Quilled varieties, but are much larger and broader, those in the center being fantastically twisted, curled and incurved. The bloom is round and full, many measuring from 4 to 5 inches. Its color is a soft violet-lilac. It comes into bloom about ten days before the Branching Aster. Pkt., 10c; ⅛ oz., 25c;

Lavender Gem. 622. When first opened the flower is an exquisite shade of delicate lavender, deepening with age. The flower is always full double. The feathery effect of the Ostrich-feathered type, to which it belongs, is enhanced by the fact that it bears a large proportion of long, partly tubular florets, that are irregularly cut and slashed, so that the flower looks like a ragged Chrysanthemum. Pkt., 15c.

Early Snowdrift. 624. Blooming season, midsummer, being a few days in advance of Queen of the Market, while the flower is not surpassed in beauty by any of the later varieties. The entire enegy of the plant seems given to the production of 12 to 20 long, slender, upright stems, crowned with immense feathery flowers. The long, recurved petals give the flowers an exceedingly graceful effect. Pkt., 15c.

Royal Purple. 625. A new strain of branching Aster, growing about 15 in. high. Its habit of growth is entirely distinct; the stems growing directly from the ground, and not on side shoots from the main stem like other varieties. A medium early bloomer continuing in flower until late in the fall; in fact it holds its blooms longer than any other variety. The flowers are large and full; petals flat and somewhat incurved; color bright purple. Pkt., 10c.

Japanese Giant, "Tassel Aster." 628. Entirely distinct from all other Asters. The flowers are of immense size, measuring from 5 to 6 inches in diameter, with long petals curiously twisted. Mixed colors. Pkt. (150 seeds), 10c; 3 pkts. for 25c.

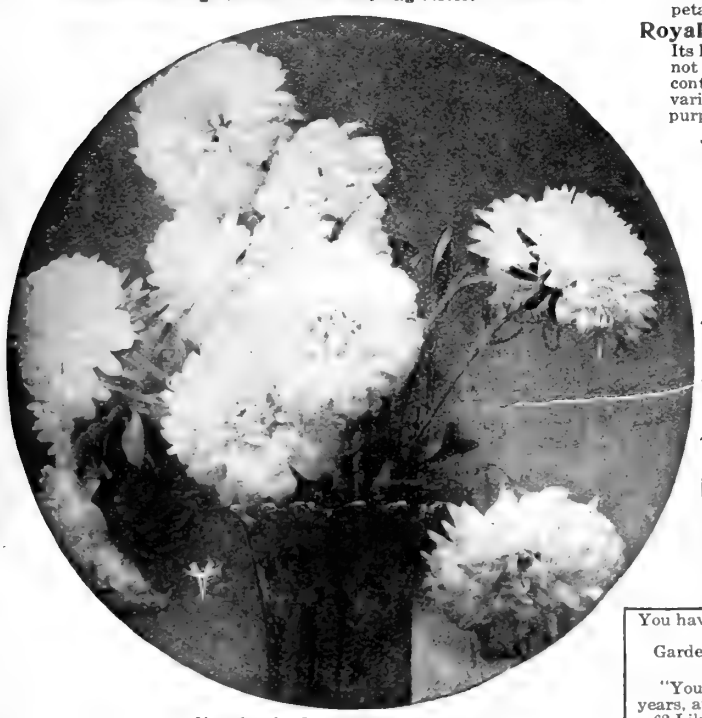
"Daybreak." 630. This beautiful Aster is one of those rare gems that has come to stay. The flowers are round, large and full, on long stems; color a charming sea-shell pink; early and free. Pkt., 10c; ⅛ oz., 25c.

Double Quilled Asters. 635. These are great favorites on account of their free blooming qualities, and the low price of the seed recommends them to many who want a nice Aster. Mixed Colors. Pkt., 5c; ¼ oz., 15c; oz., 50c.

The Yellow Aster. 637. This is the nearest approach to a real Yellow Aster. The flowers are large, globular, quilled and very double and of a clearly pronounced sulphur yellow. Pkt., 10c; 3 for 25c.

White Asters in Mixture. 640. Victoria White, Truffaut White, Branching White, Giant Comet White, and Carlson White, all mixed in one pkt. (150 seeds), 10c; ⅛ oz., 25c; ¼ oz., 40c.

Tall Asters. 645. Many kinds and colors, mixed. Pkt., 5c; ¼ oz., 15c.



Vaughan's June-Flowering Aster.

ABOUT VAUGHAN'S ASTERS.

"I have had such grand results from the **Aster Seed** purchased from you, that I can not refrain from telling you of their incomparable merits in size, stem and the exceedingly great range of colors. The **Comet** section of Asters were like the bright luminary that gave them their name hence it needed no poetic stretch of imagination to discern the reasons with their great rays of petals radiating in all directions and the center incurved and whirling around a bright yellow disc. You have made me a life long customer for Aster seed and all who have seen them."

Very sincerely yours,

Gardener for F. I. Vanderbeck, Esq. JOSEPH MEGARY, Glen Spey, N. Y.

"Yours of the 28th received. I have grown Asters from your seed every season for many years, and it has always proved satisfactory." Yours very truly,

62 Lily St., Florence, Mass. A. ASSING.

VAUGHAN'S EXCELSIOR MIXTURE TALL ASTERS.

650—This is a mixture of the most beautiful, striking and distinct colors of all the tall growing **Asters** (on this and the preceding page), selected from the cream of the **Truffaut's, Victoria, Crown, Giant Comet, Hohenzollern, Ostrich Plume, Carlson, Branching** and other desirable sorts, and includes many kinds specially purchased for this mixture; also the kinds listed in the Novelties. **This is the finest mixture of Tall Asters in existence** and the most critical lover of this flower will be astonished at the wide range of colors and varieties given in this this truly excelsior strain. **Per pkt.** (250 seeds), **15c; extra large pkt., 25c; ½ oz., 50c.**

VAUGHAN'S SPECIAL

Vaughan's Balsams.

Balsams like hot sun, rich soil and plenty of water. For perfect development the plants should be set from 12 to 18 inches apart. Only the best quality seed of this should be sown. Transplanting two or three times has a tendency to dwarf the plants into better shape and to make the flowers more double.

682. Alba Perfecta. Extremely double, very large, and of the true Camellia shape, in fact, might be called White Miniature Camellias. **Pkt., 10c; 3 for 25c.**

683. Prince Bismarck. The coloring is a very bright and pleasing shade of salmon pink, rich and glowing. **Pkt., 10c.**

684. Double Blood-Red	**688. Double Flesh**	**692. Double Scarlet**
685. " Crimson	**689. " Lemon**	**693. " Satin Rose**
686. " " Spotted	**690. " Lilac**	**694. " Solferino,** striped lilac white and scarlet.
687. " Dark Blue	**691. " Pink**	

Any of above, Pkt., 5c; ⅛ oz., 15c.

705. Double Rose and Camellia-Flowered Balsams, extra choice mixed. **Pkt., 5c; ⅛ oz., 15c.**

709. Dwarf Balsams. 8 in. These are very useful for borders; the plants make perfect little bushes with flowers that are double and semi-double and the colors very pretty and pleasing. **Pkt., 5c; ⅛ oz., 15c.**

VAUGHAN'S INVINCIBLE BALSAMS.

710. Like all of "Vaughan's Special Mixtures" this is made up from separate colors and choice strains and includes everything that is desirable in Balsams. **Pkt., (200 seeds) 15c; 2 pkts. for 25c.**

Baby or Fairy Roses. (*Blooms from seed the first year.*) **679.** H.P. 15 in. The plants bloom in three months after sowing, so that seed sown in February in the house may be had in bloom in June in the open ground, where they continue to bloom throughout the season, giving about an equal proportion of single, semi-double and double flowers borne in clusters. The plants are dwarf and bushy; and are very pretty in beds and borders. They are hardy and may be treated as annuals. Seed needs soaking in warm water for 48 hours before sowing. Pkt., (35 seeds), 10c; 3 for 25c.

Bachelor's Button. (See Centaurea.)

Balloon Vine. 680. T.A. 10 ft. A rapid growing climber, thrives in light soil. One of the prettiest climbers. Remarkable for its inflated membranous capsules containing the seed. It is sometimes called "Love-in-a-Puff." Flowers white. Pkt., 5c; oz., 20c.

Balsam Apple and Pear. 720. T.A. 10 ft. Very curious, rapid and dense climbers, with ornamental foliage and golden yellow fruit, which opens when ripe, showing the seed and blood-red inside. Apple and Pear mixed. Pkt., 5c.

Baptisia. 725. Australis. (False Indigo.) H.P. 2. ft. Beautiful light blue flower. Midsummer. Pkt., 5c; oz., 30c.

Bartonia Aurea. (*Golden Bartonia.*) **728.** T.A. 12 in. A pretty flowering plant of the Gentian family and somewhat like a wild rose in appearance, producing a profusion of fine, bright metallic yellow blossoms, about two inches across and fragrant in the evening. Sow it where it is to remain, as it does not bear transplanting. Pkt., 5c; ½ oz., 15c; oz., 25c.

BEGONIAS.

Everblooming Bedding Varieties.

8-12 in. The following varieties take rank as bedding plants with geraniums and coleus, doing as well in full sunlight, as in partial or whole shade. They are of sturdy growth, forming dense bushes, which are completely hidden with flowers the entire season. As pot plants for winter-flowering they are superb. Easily raised from seed.

740. Berna. The foliage of this fine Begonia is very dark, flowers are rather large for the Semperflorens type and are of a very bright carmine red; they are produced all summer and in great abundance. Pkt., 15c.

742. Erfordi. 8-12 in. A very pretty variety, densely covered with handsome flowers of a delicate rose color. Pkt., 15c.

743. Gracilis Luminosa. This differs from Begonia Gracilis in the lustrous reddish brown color of the foliage, while the flowers, measuring 1 to 1½ inches across, are of a fiery dark scarlet. It is very free flowering, and where massed produces a splendid effect. No better sort for groups and bedding has yet been seen. Pkt., 20c.

744. Red Lubecca. 9 in. The plants are of compact growth. It is one of the most free-flowering sorts. The flowers are a brilliant carmine red and are borne freely above the red brown foliage. Splendid for beds and borders and if planted with Vaughan's Little Gem Alyssum as an edging the effect is very distinct and pleasing. Blooms all summer. Pkt., 20c.

746. Vernon. Bright orange-carmine flowers, deep red foliage. Pkt., 10c.

750. Semperflorens, Single Mixed. This mixture contains all the best varieties, ranging in color from pure white to the deepest crimson. Pkt. 10c.

TUBEROUS-ROOTED BEGONIAS.

Of great value for summer decorating or window gardening, blooming the first season from seed, if sown in February or March, in a temperature of 60 degrees. To secure the best of results they should be planted in a partially shaded place. They are covered the whole summer with bright flowers.

755. New Frilled. This is the finest strain of these beautiful tuberous-rooted Begonias. Our seed has been saved from selected, best frilled flowers, carefully hybridized and will produce magnificent flowers in all shades of red, rose, pink, salmon, orange, flesh, white, crimson and scarlet. Pkt., 25c.

758. Single Tuberous Begonias, from prize-winning varieties, in finest mixture. Pkt., (500 seeds), 20c.

760. Double Tuberous Begonias. Flowers of elegant form and substance. All colors mixed. Pkt., 25c.

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765. Rex Begonias. Ornamental foliage varieties. Pkt., (250 seeds), 30c.

766. Rex Rubens, see novelties.

Bidens. 775. Miniature Black Dahlia. H.A. 2 ft. (Also called Black Cosmos.) Produces an abundance of crimson-maroon flowers of velvety texture. 4 in. across. Pkt., 5c.

Double Balsams are useful for Table decorations, in artistic arrangement with ferns, making pleasing Center-Pieces. Most color schemes are possible.

Type of Vaughan's Invincible Balsam.

Bocconia. (*Plume Poppy.*) **780. Japonica.** H.P. 4 ft. Effective for single specimens or groups on lawns. Foliage glaucous green, bears freely spikes 2 to 3 ft. long of cream-colored flowers. Pkt., 5c.

Brachycome. (*Swan River Daisy.*) H.H.A. 12 in. Free flowering, dwarf-growing annuals, covered during the greater part of the summer with a profusion of pretty flowers; suitable for edging, small beds or pot culture. **784. White. 785. Blue. 786. Pink. 787. Mixed.** Each, pkt., 5c; ⅛ oz., 10c.

Briza Maxima. (*Ornamental Grass.*) **792.** H.A. 12 in. Valuable for winter bouquets and wreaths. The seed clusters are heart shaped and gracefully poised on such slender stems that they are almost constantly in motion. The plant is known to many as Quaking Grass. Pkt., 5c.

The New Giant Browallia. (*Browallia Speciosa Major.*) **795.** G.P. 1 ft. This new sort is without a doubt the most beautiful of all the Browallias. The plants form dense little bushes, which are covered with an abundance of the most delightful sky-blue flowers, much larger than those of the other varieties. For beds, borders or pots there is hardly a plant with blue flowers that compares with it. Pkt., (50 seeds), 15c, 2 for 25c. **796. Browallia.** Mixed. Pkt., 5c.

Bryonopsis. 800. Laciniosa. 10 ft. C. An ornamental climber of the Gourd family bearing green fruit which changes in color as the season advances to bright scarlet striped with white. Tuberous rooted perennial but may be treated as tender annual. Pkt., 5c.

Buphthalmium. 804. Cordifolium. H.P. 1 ft. Ornamental, flowers yellow. Pkt., 5c.

Cacalia. (*Tassel-Flower.*) **810.** H.A. 2 ft. Pretty, free-blooming plants with tassel-shaped flowers; also called Devil's Paint Brush; of easy growth. Pkt., 5c.

Calampelis Scaber. 812. H.P. 6 ft. A quick growing climber, with orange-colored tube-flowers. Pkt., 10c.

Calandrinia Umbellata. 816. H.H.B. 6 in. Flowers of a dazzling magenta-crimson, about ½ in. in diameter, produced nearly all summer. Pkt., 10c.

Calceolaria. 820. Hybrida. T.G.P. Our seed is saved from the best European collection and will produce flowers of large size and in an endless variety of colors. Directions on packet. Pkt., (300 seeds), 25c.

821. Rugosa Mixed. (Shrubby.) 1 ft. Small flowering varieties for bedding; of the finest colors. Pkt., 40c.

Types of "Vaughan's Special" Mixture Calliopsis.

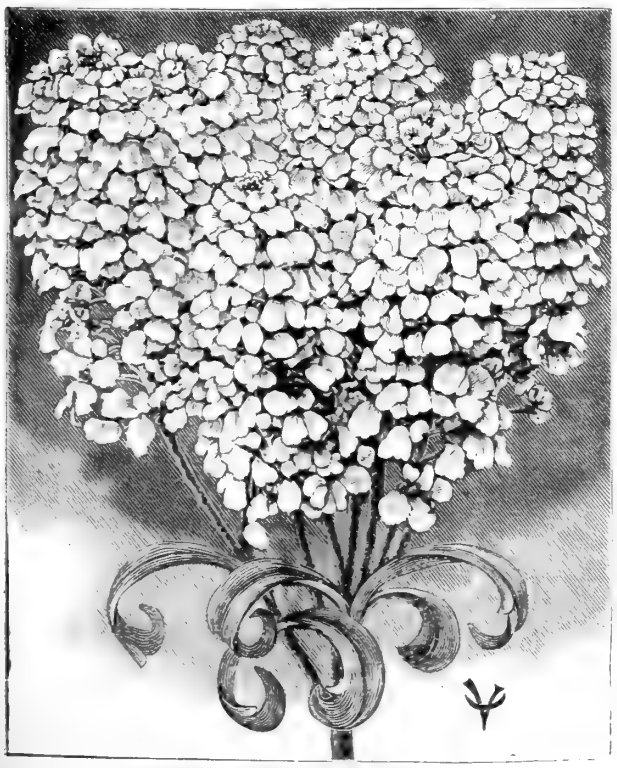
CANTERBURY BELLS.

(*Campanula Medium.*)

Very ornamental garden plants of easiest culture; hardy biennial. 2½ ft. high, producing large, bell-shaped flowers of exquisite colors.

900. Single White. **902. Single Pink.**
901. Blue. **903. Striped.**
905. Mixed. Each, pkt., 5c. ⅛ oz., 10c.
908. Canterbury Bell. Double mixed. Pkt., 5c; ⅛ oz., 10c.

"CUP AND SAUCER." Canterbury Bells. (Calycanthema.) Beautiful flowers 3 in. in lenght, saucers 3 to 4 in. across. The plants form perfect pyramids of bloom about 24 in. high, and they bear frequently 100 of these exquisite blossoms during the early summer.
Cup and Saucer. 910. Blue. 911. Striped. 912. White. 913. Pink. 917. Mixed. Each, pkt,, 5c; ⅛ oz., 15c.



Giant Hyacinth-Flowered Candytuft.

CALENDULA OR POT MARIGOLD.

Excellent for Bouquets and Vases.

A hardy annual about a foot high. Will grow in almost any soil. Set plants about 10 in. apart if planted in the borders. The seed may be sown in the open quite early in spring and the plants will bloom early in summer and continue until late in the fall.

830. C. Orange King. The grandest of all double Marigolds. Flowers of considerable size, much larger than any we have seen; outer petals slightly imbricated, while those of the center are incurved like the petals of a Peony. Color is a rich, dark orange. Pkt., 5c; ½ oz., 10c.
831. Sulphur Queen. Double sulphur yellow. Pkt., 5c.
832. Pongei fl. pl. Double white. Pkt., 5c.
835, Mixed. The above and others. Pkt., 5c; ½ oz., 10c.

CALIFORNIA POPPY. See Escholtzia.

CALLIOPSIS.

Will bloom until frost, thrive in any soil and requires scarcely any care, Fine cut flower. Hardy annual. Height, 18 to 30 inches.

845. Golden Ray. 6-8 in. A beautiful new variety. Flowers golden yellow, with dark purplish brown center. The edges of the leaflets are turned down, giving to the blooms the appearance of a small single cactus dahlia. Of compact bushy habit and an extremely profuse bloomer. Pkt., 10c.
846. Golden Wave. 2 ft. Plant very bushy and compact, and covered from July to October with hundreds of beautiful blossoms 2 in. across. Pkt., 5c; ¼ oz., 10c.
847. Radiata, "Tiger Star." See Novelties.
848. Double Sorts, mixed. Pkt., 5c; ¼ oz., 10c.

Hybrida Superba. (*Better than Kochia.*) **849.** 18 in. These pretty plants form dense bushes and are covered the entire summer with their beautiful flowers in all shades of yellow orange to the deepest velvety brown. For groups, borders and pots and also as cut-flowers they are most desirable. Pkt., (500 seeds) 10c; 3 pkts. for 25c.
851. Dwarf Sorts, mixed. 15 in. Pkt., 5c., ¼ oz., 10c.
853. Lanceolata. H.P. Yellow. Pkt., 10c.
855. Mixed. All sorts and colors. Pkt., (300 seeds), 5c; ½ oz., 10c; oz., 15c; lb., $1.20.

CALLIOPSIS, "VAUGHAN'S SPECIAL" MIXTURE.

860. This mixture contains all the desirable sorts and colors of these beautiful hardy flowers. A great number of kinds have been especially selected for it and we know it will give entire satisfaction. **Large pkt., 10c; 3 pkts. for 25c; ½ oz., 30c.**

CAMPANULA.

Hardy perennial favorites, bearing large bell and saucer shaped flowers in profusion.

870. Carpatica. 9 in. Flowers deep blue, on wiry stems. Pkt., 5c.
871. Carpatica Alba. White. Pkt., 5c.
873. Glomerata Acaulis. H.P. A very pretty new dwarf Bell-flower. The plants are low round rosettes, the leaves rich dark green and the dark blue flowers are produced right among the leaves, in round clusters, forming a most pleasing contrast with the rich green of the leaves. They bloom in June and July. Splendid for rockery or pots. Pkt., 15c.
874. Longistyla. See Novelties.
876. Macrantha. 3-5 ft. Large purplish-blue flowers. Pkt. 5c.
877. Mirabilis. 2 ft. Very free, flowers lavender. Pkt., 25c.
Persicifolia. 2-3 ft. July-August. Very free.
880. White. 881. Blue. 882. Mixed. Each pkt. 10c.
Pyramidalis. A grand sort known as the "Pyramidal Bell Flower," about 4 ft. high, of elegant, pyramidal form, bearing thousands of exquisite bell-shaped flowers.
885. Blue. 886. White. 887. Pyramidalis Mixed. Each, pkt., 5c.
890. Trachelium. 3-4 ft. July to September. Long narrow spikes of light purple flowers. Pkt., 5c.

894. Vaughan's Special Mixture of Perennial Campanula, includes besides the above several other very desirable varieties. **Pkt., 25c.**

Canary Bird Vine. (*An excellent climber for shady Places.*) **920.** 15-20 ft. A rapid growing, delicate vine, with clean handsome foliage and an abundance of bright canary-yellow blossoms. It is also a good rambler and fine for stumps, rockeries, etc. It makes an excellent window vine for winter. Pkt., 5c; ½ oz., 15c; oz., 25c.

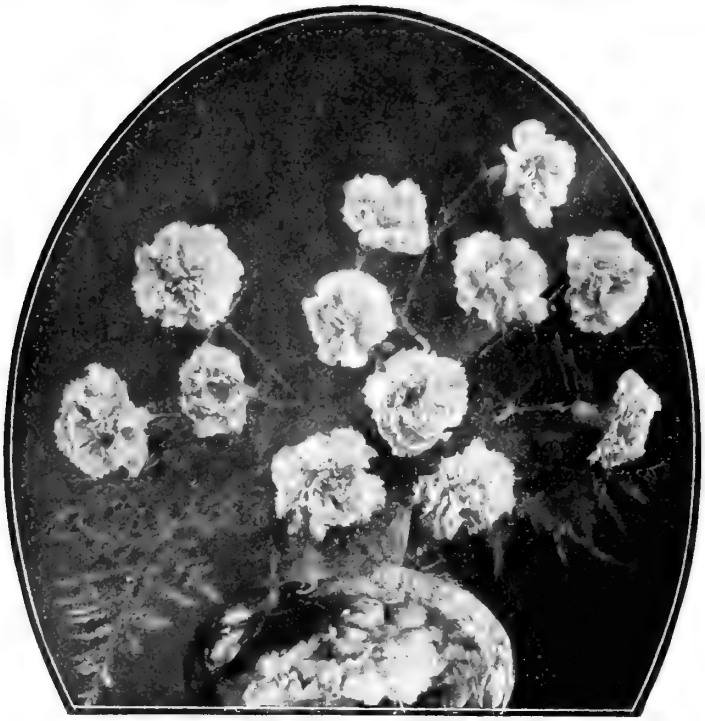
CANDYTUFT.

Hardy annuals that will grow in any soil; require no care and will bloom all summer. Our packets contain from 300 to 400 seeds.

925. Giant Hyacinth-Flowered. This improved new strain is far superior to that well-known kind, Empress, heretofore the best of its class. The flower-heads are of immense size, 6 in. long and 3 in. across, resembling a Dutch Hyacinth. They are pure white, and furnish excellent material for cutting. Pkt., (300 seeds), 10c; ½ oz., 20c; oz., 40c; 2 oz., 70c.
927. Queen of Italy. This is probably the most beautiful of all. The plants form dwarf bushes which are covered with very large pink blooms. It is one of the best of plants for borders and beds on account of its habit, beautiful color, and freedom of bloom. A row of this is a beautiful sight. Pkt., 10c; ½ oz., 25c; oz., 45c.
928. Snowflake. Extremely free-blooming sort. The plants grow about 7 in. high, forming a very neat, round bush, covered with the finest pure white flowers. This is an excellent variety. A continuous bloom may be had throughout the summer by repeated sowings at intervals of about two weeks. Pkt., (300 seeds), 10c; ¼ oz., 20c.
930. Dwarf Hybrids. A very choice mixture of dwarf-growing candytuft, with flowers twice the size of those of the older kinds, in a large variety of colors. Pkt., (250 seeds), 10c; 3 for 25c.
931. White Rocket. 1 ft. Pkt., 5c; ½ oz., 10c; oz., 15c; lb., $1.00.
932. Lilacina. Purple lilac. 1 ft. Pkt. 5c.
933. Carmine. Dwarf, rich flowers. Pkt., 5c.
934. Odorata. Sweet-scented. Pkt., 5c; oz., 15c.
935. Mixed. All sorts and colors. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 35c; lb., $1.00.

Perennial Candytuft. **940. Sempervirens.** Pretty white flowers. Pkt., 10c.
941. Gibraltarica. Lilac, shading off to white. Pkt., 10c.

ANNUALS FOR ROCKY PLACES:
Candytuft, Silene, Clarkia, Nasturtium, Portulaca, Gypsophila, Kenilworth Ivy, Verbena.



Types of Vaughan's Special Mixture Carnations.

New Giant Flowered Cannas.

Bloom the First Summer.

Canna Seed should be cut (at one of the points) about 1-16 of an inch and then soaked in warm water 24 hours. Sown in January or February (in the house), blooming plants may be had in June.

Our seed has been saved from our own beautiful collection, comprising over fifty kinds. But few people know that these beautiful flowers can be so easily grown from seed, and **bloom the first summer** if sown before April. **Have no equals** for stateliness, brilliancy and variety of colors and **ever-blooming qualities.** They produce continually large, showy flower spikes.

Named Cannas do not come true from seed, so we only offer seed in mixture.

950 Giant Canna Mixture. Pkt., of 10 seeds, 10c; 3 pkts., 25c.

951 Red Leaved Crozy Sorts. All the best varieties. **Pkt.** (10 seeds), **10c; 3 pkts., 25c.**

For roots or plants of Cannas, see Greenhouse Plants.

Customer wins $50.00 in Chicago Tribune Garden Contest.

"I have purchased "Vaughan's" seeds for the past three or four years and have always found them very satisfactory.

I think that good seeds are half the battle for successful gardening."

JOHN ULMER.

CARNATIONS. *Varieties that Bloom the First Summer.*

Guillaud Riviera Market.

970 This fine Carnation has been obtained by careful selection from the Margaret and is far superior to it or any other Carnation seed. The flowers are of larger size, better substance, greater doubleness, and more varied markings and colors, many having grounds and shadings of yellow. The Guillaud Carnation will bloom the first summer, and if taken up in the fall the plants will bloom during the winter, yielding an abundance of the handsomest and most fragrant flowers. **Pkt.** (100 seeds), **25c.**

Ever-Blooming or Chabaud.

971 A new strain raised by M. Chabaud, a Carnation specialist of Southern France. The plants are of even height, as if trimmed, healthy and vigorous, the stalks stiff as wire, the flowers large, very double, deliciously sweet and in the largest and most charming color variations. These also **bloom in four months** from the time the seedlings are up. **Pkt.** (100 seeds), **15c; 2 for 25c.**

974 Gold Finch. This new Carnation produces very large and very double flowers and in six months from the time of sowing. The flowers are golden yellow with pink and scarlet markings. One of the richest colored sorts among the Fancy Carnations. **Pkt.** (50 seeds), **25c.**

975 Glowing Coal. The large flowers are of the most intense brilliant scarlet, very double, very sweet, and the plants bloom the first summer if seed is sown before April. **Pkt.** (50 seeds), **25c.**

976 Marie Chabaud. The flowers are large, double, of splendid form and deliciously sweet. They are of pure canary yellow with a great percentage of flowers coming true. The plants bloom in six months after sowing. **Pkt.** (50 seeds), **25c.**

Giant Margaret Carnation.

980 Like the Margaret Carnation, the seed of this new strain will bloom in about four months after sowing, and the plants will continue to flower all through the summer. The flowers are of very large size, measuring 3 in. or more in diameter; the colors include all the shades of white, pink, crimson and striped. The plants grow upright, requiring hardly any support, and their yield of flowers is wonderful. **Pkt.** (100 seeds), **15c.**

981 Giant White. Flowers very large and double, pure white, with only an occasional pink streak; plants short and stocky, with stiff stalks. **Pkt.** (50 seeds), **15c.**

Dwarf Margaret Carnation.

984 Like its parent, the Margaret, this Carnation **blooms in four months from sowing,** but is much in advance of this type. The flowers are larger, more double, and the variety of colors is infinitely greater. Plant 15 in., flowers always erect. All colors mixed. **Pkt.** (125 seeds), **10c; 3 for 25c.**

986 Giant of Nice. Blooms in four to five months from date of sowing the seed. The flowers of this new Carnation are of very large size, colors are varied and the plants very free flowering. It is a splendid kind for cut flowers, because the stems are long and strong. **Pkt., 25c.**

990 Double Margaret Carnation. Fine double mixed. **Pkt.** (120 seeds), **5c; ⅛ oz., 20c.**

Margaret Carnation in separate colors. **991 White, 992 Pink, 993 Red, 994 Striped, 995 Yellow.** Each, **pkt., 5c; ⅛ oz., 30c.**

VAUGHAN'S CARNATION MIXTURE. *Bloom the First Summer.*

1008 This is a mixture of the best strains of Giant Margaret, Malmaison and ever-blooming Chabaud Carnations, including the latest selections of yellow types. The plants will bloom the first summer and will produce many flowers that are equal to the best florists' Carnation. The plants can be lifted in September, potted, and will bloom all winter, in the house. **Pkt.,** (100 seeds), **25c; 3 pkts. for 65c.**

The following Carnations Bloom the Second Summer from Seed.

DOUBLE DWARF VIENNA.

1000 Produces double, very sweet-scented flowers in the largest variety of colors and in the greatest profusion. With a light protection they stand the winter. **Pkt., 10c.**

1001 Carnations, Extra Choice Mixed. Saved from a rich collection of named flowers, and will produce fine varieties. **Pkt., 10c.**

1002 Early Red Grenadin. For yielding a quantity of double red flowers there is no outdoor Carnation that can equal it. It will live through winter with little protection. **Pkt., 10c.**

1003 Double White Grenadin. Our seed will produce over 80 per cent double white flowers of good form and substance. **Pkt., 10c.**

1004 Carnations, Fine Double Mixed. Sweet-scented sorts, large, double flowers. **Pkt., 5c.**

GIANT ZANZIBAR CASTOR BEANS.

1010 12 to 14 feet. The enormous leaves, beautifully lobed, 2½ to nearly 4 ft. across. Each plant makes a perfect pyramid of foliage, thickly set from top to bottom. The difference between the varieties is in the coloring of the grand bamboo-like stems and long slender leaf-stalks. **Pkt.** (15 seeds), **5c; oz., 15c; 2 oz., 25c.**

CASTOR BEANS, RICINUS.

Stately, strong-growing plants, with very ornamental foliage, well adapted as center plants of groups of Cannas, Dahlias, etc., 6 to 12 feet.

1011 Borboniensis Arboreus, 15 ft. Immense green foliage. **Pkt., 5c; oz., 10c.**

1012 Sanguineus, 6 ft. Beautiful brownish red foliage. **Pkt., 5c; oz., 10c.**

1013 Cambodgensis. 6 to 8 ft. Large palm-like leaves of the darkest bronze maroon; stalk and stem nearly black. **Pkt., 5c; oz., 15c.**

1015 Pamormitanus, see novelties.

1016 Castor Beans. Many sorts mixed. **Pkt., 5c; oz., 10c; lb., 70c.**

Moles and Castor Beans. Moles are troublesome in many gardens, but they can be kept away by planting Castor Beans on the borders. They leave when they get a scent of this plant.

Celosia Thompsoni Magnifica.

CELOSIA OR COXCOMB.

President Thiers. **1020.** One of the most dwarf of all Coxcombs, bears largest crimson combs. It has been grown in our public parks between or alongside of rows of Golden Feverfew and Centaurea Candidissima, and when so planted makes one of the most brilliant strips of border bedding. It is also a very handsome pot plant. **Pkt.** (250 seeds) **10c; 3 for 25c.**

1021. Fire King. See novelties.

1022. All-a-Glow. 1 ft. A splendid dwarf Coxcomb, with immense ruffled combs like scarlet chenille; the depths are glowing orange-scarlet. **Pkt., 10c.**

1023. Dwarf Golden. Pkt., 5c. 1024. Dwarf Pink. Pkt., 5c.

1028. Dwarf Coxcomb. Splendid mixture, with crimson, pink, golden and striped combs. **Pkt., 10c.**

1030. Tall Sorts Coxcombs. Mixed. Pkt., 5c.

CELOSIA, FEATHERED COXCOMB.

The plant grows about 3 ft. high, is of handsome pyramidal form, and the numerous massive plumes, which resemble an ostrich feather waving gracefully above the foliage, make it one of the most effective ornamental plants for either pot or outdoor planting. It is of easy culture.

1034. Crimson Ostrich Feather. Pkt., 5c. 1035. Orange Ostrich Feather. Pkt., 5c.

1038. Feathered Varieties in Finest Mixture. Pkt., 5c.

1040. Spicata. New, 2½ ft. Flowers pink, shading to silvery white. **Pkt., 5c.**

MAGNIFICENT PLUMED COXCOMB.

Celosia Thompsoni Magnifica

1033. The most perfect strain of the ostrich plumed Coxcombs. The plants have a true pyramidal branching growth, 2½ feet, and the flower spikes vary in the most magnificent shades of colors, ranging from the clearest yellow to the darkest of blood red. Of great value for all decorative purposes in and out of doors. The plants are in constant bloom from July to November. Should be planted in every garden, large or small. **Price, per packet, 10c.**

CENTAUREA, GIANT SWEET SULTAN. (Centaurea Imperialis.)

1042. This Centaurea represents the best that has been produced in these beautiful summer-blooming plants. The bushes are about 4 ft. high, and are **covered with large beautiful flowers. Will keep for over a week in water,** if cut just when they are about to open. If a package is sown every two or three weeks until July a constant succession of bloom can be had the whole summer and fall. **Mixed colors. Pkt., 5c; ¼ oz., 20c.**

1043. Pure White. One of the best white flowers for cutting; large, sweet and beautiful. **Pkt., 10c. ¼ oz., 25c.**

1044. Suaveolens, or Yellow Sweet Sultan. This deserves to be in every garden. The plant grows about 2 ft. high and its double flowers are large, sulphur yellow and sweet-scented, borne on long stems and splendid for bouquets. **Pkt., 5c; ½ oz., 20c; oz., 35c.**

1045. Americana. A splendid native variety, growing 3 feet high and bearing immense thistle-like blooms of a pink color. Very showy in the border and splendid for cutting. **Pkt., 10c.**

1046. Americana Alba. See novelties.

Centaurea or Dusty Miller. **1050. Candidissima.** Leaves silvery white. **Pkt., 10c.**

1051. Gymnocarpa. Silver gray foliage. **Pkt., 5c.**

These are planted for bedding, not for flowers.

CENTAUREA CYANUS, Bachelor's Button.

1055. Very free-blooming hardy annual; also called Blue Bottle, Ragged Sailor, Korn Blume, etc. Mixed colors. **Pkt., 5c; ½ oz., 10c; oz., 15c; 2 oz., 25c.**

1056. Blue Emperor, Cornflower. Pkt., 5c; ½ oz., 10c.; oz., 15c.

1057. Double Blue Cornflower. This is identical in color to the popular single blue variety, which is so much in demand for cutting, especially for boutonnerie, but, being a full double flower, it takes fewer of them to make a nice bunch, and is better in every way. **Pkt., 10c; ¼ oz., 25c.**

1058. Double White. Like above, but almost pure white. **Pkt., 10c; ¼ oz., 20c.**

1060. Double Cornflower, Mixed. Contains many shades not found in the single Bachelor's Buttons. **Pkt., 5c; ½ oz., 15c; oz., 25c.**

"VAUGHAN'S SPECIAL" MIXTURE OF CENTAUREAS.

1061. Includes all the above annual Centaureas (Cyanus, Imperialis, Americana and Suaveolens) and a packet will produce the loveliest cut flowers all summer. **Large pkt., 10c; 3 for 25c; ½ oz., 30c; oz., 50c.**

Centrosema. **1065. Grandiflora. Pkt., 5c.**

CHELONE. Turtle Head. **1070. Lyoni.** 2 ft. Aug.-Sept. Pretty free-flowering plants, preferring half shady, moist situation. Flowers rosy purple, in heads. **Pkt., 10c.**

1071. Barbatus Torreyi. 4-5 ft. June-Sept. Excellent plant with long spikes of scarlet flowers. **Pkt., 10c.**

1072. Barbatus Hybridus. Mixed. **Pkt., 10c.**

CHRYSANTHEMUMS. ANNUAL VARIETIES.

Showy and effective garden favorite, extensively grown for cut flowers. The hardy annuals are summer-flowering border plants; good for pot culture and quite distinct from the autumn-flowering varieties.

1090. Double White. Pkt., 5c. 1091. Double Golden Yellow. Pkt., 5c.

1094. Inodorum Plenissimum. 2½ ft. It furnishes double snow-white flowers in great abundance through the summer and fall. **Pkt., 5c.**

1096. Eclipse. Yellow, with purple ring. **Pkt., 5c.**

1097. The Sultan. Crimson maroon, single. **Pkt., 5c.**

1098. Golden Feather. Foliage striking yellow; flowers white with a crimson ring near center. Single. **Pkt., 5c.**

1105. Double Annual Chrysanthemums. A fine mixture. **Pkt., 5c; ¼ oz., 10c.**

1107. Morning Star. 18 in. A superb Marguerite with immense flowers of an attractive soft yellow. Profuse bloomers. **Pkt., 5c.**

1108. Evening Star. 18 in. Flowers pure golden yellow and 3 inches in diameter. Bad weather has little or no effect on stems, the petals remaining firmly extended in the rain and sunshine. The plants bloom in about 10 weeks after sowing and continue until frost. **Pkt., 10c.**

1110. Bridal Robe. Of very compact and upright habit and not exceeding 10 inches in height, the sturdy plants throw out their finely feathered foliage from the base and deck themselves with a mantle of extra double pure white flowers. With their short closely-set petals the latter recall the finest forms of very large-flowering double Daisies and appear in such number that a large bed in full bloom may well be compared to a drift of snow. Coming almost true from seeds, it will certainly prove a bedding plant of the very first rank, while also useful for pot culture. **Pkt., 10c.**

1112. "Silver Queen." This variety is quite distinct, being of dwarf habit, height about 12 to 15 inches. The flowers are well formed and lasting, pure white with a zone of clear bright yellow, and the disc yellow overlaid with silver, giving the whole a very pretty appearance. As a bedding plant it will be found very useful on account of its dwarf habit, but sufficient space must be given to allow the plants to develop the true character. **Pkt., 10c.**

VAUGHAN'S "SPECIAL MIXTURE" ANNUAL CHRYSANTHEMUMS.

1120. Single and double sorts in finest mixture, including many new varieties not listed above. **Pkt., 10c; 3 for 20c; ½ oz., 25c.**

PERENNIAL VARIETIES.

1122. Chrysanthemum Leucanthemum Hybridum, Spring Marguerite. It is the early-flowering habit of this Marguerite which the raiser claims as its foremost merit, being the first of the entire tribe coming into bloom as early as the middle of May. Quite hardy and most useful for cutting. **Pkt., 10c.**

1123. Early Flowering Japanese. Seedling Chrysanthemums are free-flowering and if seed is sown early (in the house) it will produce plants that will bloom the same year. Many of the flowers come single or semi-double, most are very pretty indeed and all are invaluable for cutting. **Pkt., 25c.**

1124. Chinese and Japanese. The seed we offer is saved from a collection of 50 different varieties, both Chinese and Japanese. If this seed is sown in February and March, and properly treated, the plants will bloom profusely next fall. **Pkt.** (100 seeds), **15c; 2 pkts. for 25c.**

1128. Maximum or Ox-eyed Daisy. A free-blooming, hardy perennial, 2 feet high, covered with pure white flowers. **Pkt., 5c.**

1129. "Princess Henry." One of the finest and most valuable of the hardy Marguerite or Ox-eye Daisy varieties. The flowers open to 4 inches and more in diameter, and give an abundant and very handsome material for cutting. **Pkt., 10c; 3 for 25c; ⅛ oz., 35c.**

1133. Frutescens. Paris Daisy or Marguerite. Large, white, star-shaped flowers. **Pkt., 10c.**

CINERARIA.

VAUGHAN'S COLUMBIAN MIXTURE.

1140. This is a mixture of the finest English, French and German strains; the flowers are very large, from 7 to 9 inches in circumference and of the most brilliant colors. We sell a large quantity to florists who often sell their plants for $1.00 each. **Pkt., 25c.**

1146. Cineraria Hybrida. Good Mixed. Pkt., 5c.

1147. Double Cinerarias. Extra fine mixed. **Pkt., 25c.**

1148. Maritima "Diamond." See novelties.

Prof. Bailey says: "I could no more do without annuals than I could do without the spices and the condiments at the table."

Clarkia. **1150.** H. A. 18 in. Single and double sorts, choice mixed. Pkt., 5c.

Clematis. **1154. Large flowering.** Beautiful climber, with lovely flowers, blue, white, purple, etc. Hardy, can remain in a permanent situation. Mixed, Pkt., 15c.

1155. Clematis Paniculata. Pkt., 10c.

1158. Clematis Recta. A fine hardy perennial, growing into bushes up to 3 feet in height, covered with clusters of white, sweet-scented flowers in June-July. Pkt., 15c. The seeds of Clematis germinate very slowly.

Cleome Pungens. **1160.** H.A. 30 in. A splendid honey plant that is in bloom every day of the season, whether the weather be hot or cold, wet or dry, covered with bees all day long. Pkt., 5c; ½ oz., 25c; oz., 45c.

Clianthus Dampieri. **1164.** G.P. Glory Pea of Australia. One of the most gorgeous flowers in existence and of the few that show a clear, glossy, jet black color. The trailing plants grow 1 to 2 ft. high and bear in clusters 5 or 6 of the most beautiful red flowers. Pkt., (10 seeds), 10c; 3 for 25c.

COBÆA VINE, CATHEDRAL BELLS.

1170. One of the handsomest and most rapid growing annual climbers, running up to 30 ft. in a season. The flowers are bell-shaped and of a purplish lilac when full grown. It is a very prolific bloomer, one that makes a show the first year, both in vines and flowers, one that is **always clean of insects.** We know of none better. Pkt., 5c; ¼ oz., 15c.

1171. Cobaea, White. Pkt., 10c. **1172. Cobaea, Mixed.** Pkt., 10c.

Coreopsis, "Golden Glory."

Coccinea Indica. **1175** 10 ft. scarlet-fruited ivy-leaved climber. A handsome annual climber of the gourd species, with beautiful, smooth, glossy, ivy-like leaves, contrasting with the fine snow-white, bell-shaped flowers and brilliant carmine fruit. Pkt., 10c.

Codonopsis Ovata. **1176.** This hardy perennial belongs to the Campanula family, grows 2 to 3 feet high and has bell-shaped flowers, slate blue veined and blotched with white and yellow flowers in Summer and does the best in a light sandy soil. Pkt., 15c.

COIX LACHRYMAE.

1179. JOB'S TEARS. An old-fashioned but valuable remedy for sore throat, goitre and teething babies, when the seed is strung on linen thread and worn around the neck as a chain. Also used to advantage in basket making and raphia work. Oz., 5c (2 oz. make a chain); ¼ lb., 15c; lb., 45c.

Coleus, Mammoth Rainbow. **1180.** The handsomest foliage plant obtained from seed. The leaves often measure 10 in. in length and 8 in. in width, heart-shaped and handsomely crimped, toothed and frilled; their color combinations are remarkably rich, comprising all the reds, metallic greens and yellow, in shades from the most delicate to nearly black, and indeed pass description. One of the easiest plants to grow from seed. 2½ ft. high. Pkt. (250 seeds), 15c; 2 for 25c.

1181. Glow. (See novelties).

1185. Coleus. Many fine varieties, mixed. Pkt. (150 seeds), 5c.

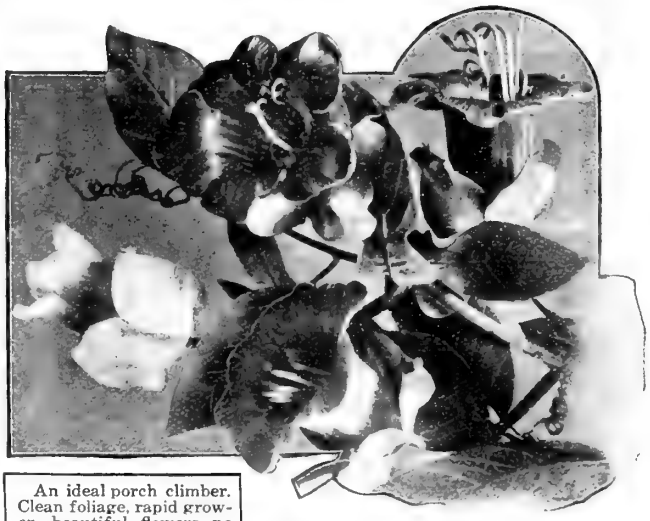
Collinsia. **1184.** H.A. 18 in. If sown in autumn, will stand the winter and flower early in spring. All the species are brightly colored, and excellent for growing in patches or clumps; easily grown in any garden soil. Mixed colors, Pkt., 5c; oz., 25c.

Floral Butterfly Plant. (*Commelina Selloviana.*) **1188.** No plant in cultivation possesses so great a number of superior points as this. Plants are of graceful, trailing habit, superb for carpet bedding or for hanging pots. In pots it blooms every day in the year. In the garden from May until frost, showing daily scores of large winged butterfly-like blossoms. Color, the most beautiful blue to be found in any flower. Thrives in sun or shade, wet or dry, rich or poor soil; as easily raised as a weed. Blooms in 50 days from seed. Pkt., 10c.

Convolvulus. See Morning Glory, page 74.

COREOPSIS. *Lanceolata Grandiflora.* (*"Golden Glory."*)

1190. A beautiful hardy sort, blooming from seed the first year. Very large golden yellow flowers, of great elegance and beauty. The plant is covered with flowers the entire summer. One of our most artistic flowers. Pkt., (100 seeds,) 10c; ¼ oz., 20c.



An ideal porch climber. Clean foliage, rapid grower, beautiful flowers, no insects. Seeds or plants.

Cobaea Vine or Cathedral Bells.

COSMOS. *Giant Flowering.*

These Giant-Flowering sorts should in this latitude be started in the house in March and transplanted to the open ground early in June, into dry, sandy, or poor soil, in a sunny situation. If topped when half grown the plants will bloom much earlier, the check seeming to induce immediate flowering.

1225. Giant White. "Pond Lily." Pkt., 5c; ½ oz., 15c.
1226. " Pink Butterfly. Pkt., 5c; ½ oz., 15c.
1227. " Red. Pkt., 5c; ½ oz., 15c.
1230. " Mixed. Pkt. 5c; ½ oz., 15c; oz., 25c.
1232. Lady Lenox. See Novelties.
1235. Orange Colored. "Klondyke." 4 ft. A gorgeous orange yellow variety, with very handsome foliage, more coarsely laciniated than the other sorts. The plants are very bushy and symmetrical, and bear splendid flowers in great profusion. It is fine for pot plants, blooming in pots when 6 or 8 in. high. Pkt., (100 seeds), 10c.

Early-Flowering Cosmos.

COSMOS. *Early Flowering.*

1236. Grace, daintiness and brilliancy are the characteristics of this pretty flower, with its yellow heart encircled with broad, daisy-like petals, carried on long slender stems which rise from a cloud of feathery foliage. It is very pretty for vases and lasts often a week in the house when cut. This Early Flowering strain produces its flowers from July to November. It grows and blooms with the greatest freedom in any soil. Pkt., (150 seeds,) 10c; 3 pkts. for 25c.

1237. "Dawn." Like the above this comes into flower early in summer and continues until frost. The flowers are large and of a beautiful white, with just a touch of delicate pink at the base of the petals. Pkt., (150 seeds), 10c; 3 pkts., 25c.

CYCLAMEN SEED.

Our cyclamen seed is raised by specialists who are renowned for the excellence of their strains. Such seed is collected only from perfect seed plants, shape, size of flowers, foliage, stems and general habit being points considered in selection. Such seed is much superior to that saved from "left-over" plants.

Partial View of Greenhouse filled with Cyclamen raised for Seed only.

CYCLAMEN. *ALPINE VIOLET.*

The flowers are of mammoth size and are borne well above the foliage on long, stiff stems. The coloring includes the most brilliant as well as the most delicate shades—deep crimson, purest white, rose and white with carmine spots and flakes. The foliage is also handsome, being thick, fresh and large, deep, rich green, with showy light markings. The culture of Cyclamen from seed is comparatively easy and is surely much more satisfactory and economical than from bulbs.

1250 Mont Blanc. Snow white. **1253** Dark crimson. Rich color.
1251 White, with pink eye. **1254 Salmon.** A new color.
1252 Roseum. Lovely Pink.

Any of the above, per pkt. of 10 seeds, 20c; 100 seeds, $1.25.

1260 Cyclamen, Giant Flowered. Mixed 20 seeds, **25c;** 10 seeds, **15c.**

GIANT ORCHID FLOWERED CYCLAMEN.

These are exceptionally fine, with very large flowers that are frilled and fringed in wonderful fashion. They are splendid sellers in the Chicago market.

1265 Pure White. **1266** Red. **1267** Pink. **1268** White with Carmine Eye, and **1269** Lilac colored. **Each, per 10 seeds, 20c; 100 seeds, $1.50.**

1270 Giant Orchid Flowered Cyclamen in choicest mixture. **15 seeds, 25c; 100 seeds, $1.25.**

1279 Cyclamen Persicum. The original type of Persian Violet. Mixed colors. **Pkt.** (20 seeds), **10c.**

Kokoko Cyclamen. This is an entirely new strain of Cyclamen with flat, round flowers, with wavy and fringed petals; very attractive. **1282,** White with carmine eye. **1280,** Red. **1281,** Rose. **1283,** Mixed. **Price, each pkt. (10 seeds), 25c.**

CYPERUS OR UMBRELLA PLANT.

Known to Everybody.

1290 Grows finely in water with rich soil or mud, throwing up long stalks with narrow green leaves. Easily raised from seed. **Pkt., 10c.**

CYPRESS VINE. *(Ipomoea Quamoclit.)*

For training upon a light ornamental trellis the Cypress Vine cannot be excelled. It has a profusion of scarlet or white star-shaped blossoms, and its finely-cut foliage is particularly adapted to ornamental work. Good for 10 ft.; if planted fairly thick, will make a dense screen of the most exquisite foliage and flowers.

1293 White. 1294 Crimson. Each, 5c; ½ oz., 15c.

1296 Scarlet Ivy-leaved. A rapid-climbing variety, with deeply lobed, ivy-like leaves, and small fiery scarlet flowers. **Per oz., 25c; Pkt., 5c.**

1297 Cypress Vine. Many Colors. Mixed. Pkt., 5c; ½ oz., 15c; oz., 25c.

DAHLIA SEED.

But few people know that Dahlias can be raised from seed and will bloom the first year. The Dahlias we offer, if sown early, will bloom profusely all fall. The seeds germinate as easily and certainly as Zinnias, and from the very first development are strong stocky little plants. Plant them in a shallow box or pan early in March or April, transplant them carefully as their growth demands, and keep the soil moderately moist. When all danger from frost is over plant them in the bed or border in the garden, and from then on they will prove no more trouble than if the tubers had been used instead of seed.

1300 Best Mixture of Double Dahlias. Large-flowering Pompone, Cactus and Liliput. **Pkt.** (65 seeds), **15c; 2 for 25c.**

1302 Burbank's Selection. See novelties.

1303 Colossal. The Peony Dahlia, see novelties.

1304 Double Dahlias. Good mixed, many fine varieties. **Pkt., 5c.**

1305 Double Cactus—Flowered. An extra fine strain of this favorite type. **Pkt.** (75 seeds), **15c; 2 for 25c.**

1308 Exhibition Single. See novelties.

1309 Single Giant Perfection. This strain is a decided advance on the ordinary singles. The plants are of strong, robust habit, and produce in great abundance flowers of immense size, averaging 6 in. across, of the most bewildering variety of coloring. **Pkt.** (100 seeds), **10c.**

1310 Colerette. A novel type, having a row of short petals around the disc like a frill or collar, which is always of a different color than the regular petals; mixed colors. **Pkt., 10c.**

1314 Mixture of Single Dahlias. Including all the novelties. **Pkt., 5c.**

Vaughan's Special Dahlia Mixture. **1312** Will produce flowering Dahlia plants this summer. This mixture contains seeds from the best collections in Europe and embraces all the various strains of Double Flowering Dahlias, such as Show, Pompone, Liliput and Cactus varieties, also the single-flowering and striped sorts and the novelties, and will produce a great many extra choice varieties. If you want a low priced Dahlia bed, here is your chance. **Pkt.** (60 seeds), **25c; 3 for 65c.**

DOUBLE DAISIES. *(Bellis Perennis fl. pl.)*

Plants of Double Daisy will bloom the first summer and will continue to bloom for years if given slight protection during winter. They are very pretty when in bloom, and deserve to be grown much more than they are. They commence blooming in April and continue to bloom until summer. They are not very particular as to soil, but should be grown where they have partial shade.

Vaughan's Mammoth Mixed. **1325** For size of flowers and doubleness these have no equals. The flowers average 1½ to 2 in. in diameter, are very double, ranging in colors from snowy white to pink and blood-red, with the prettiest combinations of pink and white. **Pkt.** (200 seeds), **10c; 3 for 25c.**

Mammoth White. **1326** The flowers are enormous, of the purest white, borne on long, stiff stems. This is the best Double White Daisy in existence. **Pkt.** (200 seeds), **10c.**

1327 Mammoth Pink. Large flowers of beautiful pink. **Pkt., 15c.**

1328 New Monstrous White, see novelties.

1329 New Monstrous Pink, see novelties.

1330 Snowball. Long stem and large double white flowers. **Pkt., 10c.**

1331 Longfellow. Dark pink flowers usually large and double; very long and stiff flower spikes. **Pkt., 10c.**

1334 Double Daisies in Best Mixture, including Snowball and Longfellow. **Pkt.** (250 seeds), **10c.**

1335 Double Daisies. Good mixed. **Pkt.** (250 seeds), **5c.**

Orange Daisy. **1340** A beautiful perennial somewhat resembling an Aster, flower heads flat, about 2 in. across, bright orange color, on strong, stout stems. They are of very easy culture in common garden soil, excellent for mixed borders. In a moist, well drained situation, will flower the first season if started early. Hardy and lives year after year. **Pkt.** (100 seeds), **10c.**

Ox-Eye Daisy. See Chrysanthemum Maximum, page 64.

Swan River Daisy. See Brachycome, page 61.

BURBANK'S SHASTA DAISIES.

1344 Alaska. Flowers very large, pure white, on long stiff stems. **Pkt., 15c.**

1345 California. Flowers very large, similar to above, but the buds and half-opened flowers are of a most pleasing clear pale lemon yellow, with two rows of petals. When a day or two old these gradually change to pure white. **Pkt., 15c.**

1346 Westralia. This is distinguished by its branching habit. Buds and newly opened flowers are of a pleasing cream-color, semi-double, 3 to 4 inches across, and are produced on fairly long stems in great profusion. **Pkt., 15c.**

1347 Burbank's Shasta Daisies. The 3 sorts in equal mixture. **Pkt., 20c.**

1348 New Frilled and Fluted, see novelties.

1350 Shasta Daisy. Regular stock. **Pkt. 10c.**

DATURA OR TRUMPET FLOWER.

1354 Cornucopia. (Horn of Plenty.) For a showy plant Datura is excellent. The grand trumpet-shaped flowers measure from 7 to 9 in. in length and nearly 6 in. across, and form two distinct trumpets growing one within the other. The throat and mouth of the corolla are delicate white, while the outside is marbled with purple. A single plant often bears up to 200 flowers during the season. **Pkt.** (40 seeds), **10c.**

1355 Golden Queen. 2½ ft. Compact, bushy plants, having numerous brilliant yellow showy flowers of gigantic size, often 10 in. long and often very double. **Pkt., 10c.**

1356 Datura Double White. Pkt., 5c.

1358 Many Colors Mixed. Pkt., 5c.

Types of Vaughan's Special Mixture Hardy Garden Pinks. No. 1431.

DIANTHUS. Hardy Garden Pinks.

1400. Double Chinese Pinks. Our mixture of this strain is extra good and contains a large variety of colors. Pkt., 5c; ½ oz., 20c; oz., 35c.

1401. Double Striped and Fringed. The flowers, which are very large and double, are beautifully fringed; greatest variety of colors. Pkt., 5c.

1402. Malmaison. See Novelties.

1405. Double Imperial Pink. Mixed. Pkt., 5c; ½ oz., 20c.

1406. Mourning Cloak. The most striking of all Pinks. The large, double, almost black flowers have a clear fringed edge of white. Pkt., 5c; ⅛ oz., 15c.

1410. Vaughan's Improved Double Japan Pinks. The flowers are large, double, of the brightest colors, handsomely fringed and borne on long, stiff stems, making them one of the most useful flowers for bouquets. Pkt., 5c; ¼ oz., 20c.

1412. Snow Queen Pink. An extra fine selection of the large flowering double-white Japan Pink. The flowers are large, often 3 in. in diameter, and resemble a white carnation. They are produced in great abundance and are borne on long stiff stems. Pkt. (150 seeds), 10c; ⅛ oz., 20c.

1413. Midnight. Double Blood-Red. Pkt., 10c; ⅛ oz., 25c.

1414. Fireball, Double Red. Pkt., 10c. **1415. Snowball,** Double White. Pkt., 10c.

1418. Count Kerchove. See Novelties.

1420. Vaughan's Special Mixture of Double Pinks.

The above Double Flowering Pinks and many others in splendid mixtures. Pkt. (250 seeds), 10c; ½ oz., 35c; oz., 60c.

1422. Single Chinese Pinks. These might be described as resembling Giant Sweet Williams, with the exception that the flowers are larger, the variety of colors much greater and **they bloom the first summer** from seed. The plants bloom all summer. Pkt. (300 seeds), 10c.

1423. Royal Japanese Pinks. An improvement of the old-fashioned Indian Pink. The flowers are of a beautiful shape and from **3 to 4 in. in diameter.** The petals are frilled and fringed, giving the flower a graceful appearance. The colors range from a deep bright blood red to carmine and pink and even white. The cut flowers will keep a week. Pkt., 5c; ¼ oz., 20c.

1424. Princess Pinks. See Novelties.

New Pink "Wonderful" (Laciniatus Mirabilis) **1426.** H.P. 12-15 in. This remarkable and perfectly distinct new strain of annual Pinks originated in Japan. The plants produce their large, lovely flowers of about 3 to 4 in. in diameter on stiff upright stems. The petals of the flowers are very deeply cut into fine strips or thread-like fringes for one-third their length. There are all shades of color, from pure white to rose and deep purplish red. They furnish excellent material for bouquets. Blooms all summer. Pkt., 10c; ¼ oz., 25c.

1428. Mephisto. 1429. Vesuvius. See Novelties.

VAUGHAN'S MIXTURE OF SINGLE PINKS.

1430. This mixture is a selection from the choicest sorts in cultivation. The flowers are extraordinarily large, of handsome form **and embrace the most** beautiful colors, ranging from white to the most delicate pink and deep, glowing crimson. For beds and cut flowers. Pkt. (250 seeds), 10c; ½ oz., 30c; oz., 55c.

"VAUGHAN'S SPECIAL," MIXTURE OF HARDY GARDEN PINKS.

1431. This magnificent mixture contains all the above double and single flowering annual pinks and those listed in our novelties, and will produce the largest variety of colors, as it embraces all the choicest sorts. We cannot recommend this mixture too highly. Pkt. (300 seeds), 10c; 3 for 25c; ½ oz., 40c; oz., 75c.

For beautiful and lasting cut flowers, ease of culture and freedom of bloom, these Hardy Garden Pinks have no superior among Annuals.

Gloxinia-Flowered Foxglove.

DIGITALIS—FOXGLOVE.

The Foxglove is every year increasingly cultivated in shrubberies and woodland walks. It is a hardy perennial, easily grown, and the colors are varied and beautiful. It grows easily from the tiniest seed, and the seed germinates with remarkable ease.

Gloxiniaeflora. This is a fine strain of the ordinary Foxglove, D. purpurea, with handsome Gloxinia-like flowers on long spikes.

1468. White. **1469.** Rose. **1470.** Purple Lilac. Each, pkt., 10c; ⅛ oz., 20c.

1474. Gloxinia-Flowered. Extra choice mixed. Pkt., 5c; ⅛ oz., 15c.

1476. Monstrosa (Mammoth Foxglove). Long spikes, surmounted by one enormous flower; very odd; all colors mixed. Pkt., 10c.

1478. Grandiflora. 3 ft. Bright yellow flowers, distinct. Pkt., 5c.

1479. "Vaughan's Special" Mixture contains all the above and many others. Pkt., 15c; 2 for 25c; ¼ oz., 35c.

1480. Purpurea Mixed. Many kinds. Pkt., 5c; ½ oz., 15c; oz., 25c.

The Old Fashioned Hardy Grass or Clove Pink.

HARDY PERENNIAL OR CLOVE PINKS.

1440. Plumarius. Scotch or Grass Pink. When treated like an annual, if seed is sown in March, the plants will bloom the first year. The delicately fringed, variously colored flowers are fragrant, attractive and fine for bouquets. Pkt., 5c; ¼ oz., 10c.

1441. Plumarius. Fl. Pleno. Double, large-flowering Pheasant's Eye Pink, with fringed edges of various colors, mixed. Pkt., 10c.

1443. Cyclops Perpetual Blooming Pinks. 12-15 in. A new strain of great beauty. Flowers large, round and produced in great abundance; colors are exquisitely delicate, light rose, copper color, crimson and flesh predominating. A clove-like odor adds to their attractiveness. Flowers the first season. Pkt. (100 seeds), 10c; ⅛ oz., 20c.

EARLY FLOWERING PERENNIAL PINKS.

Dianthus Plumarius Nanus fl. pl.

1444. 12 in. These new early-flowering hardy grass or clove Pinks will soon be found in every yard. The compact bushes are perfectly hardy and produce their flowers fully two weeks earlier than the older types. Their freedom of bloom is marvelous; we have counted as many as 500 open flowers and buds on a three-year-old plant. The colors are rich and vivid and the odor delightful. Plants can be lifted and potted when in full bloom without injury. Pkt., 15c.

1445. Double Perfection. See Novelties.

1450. Vaughan's Special Mixture Hardy Perennial Pinks. Includes the above 4 kinds and others. Pkt., 15c.

Dianthus Barbatus. See Sweet William.

CALIFORNIA POPPIES, The State Flower of California.

ESCHOLTZIA—CALIFORNIA POPPIES.

Hardy plants, bearing a profusion of richly colored flowers. Sow the seeds where the plants are expected to bloom.

"Carmine King." **1555.** A new and distinct color in this charming annual, the large flowers being of a beautiful carmine-rose, the coloring usually as intense on the inside as on the outside of the petals, and producing in beds or borders an altogether novel and brilliant effect. Pkt., 10c; ½ oz., 30c.

1556. Dainty Queen. See Novelties.

1557. "The Golden West." Flowers 3½ to 6 in. across, bright yellow and orange. Some are flat and wide open, some saucer shaped, others very deep with flaring edges. In some the orange blotch almost suffuses the whole flower; in others it runs into the yellow in fine penciled lines. Large pkt., 10c; ½ oz., 25c; oz., 40c.

1558. "Rosy Morn." A distinct new shade. The rosy, white petals are delicately channeled or fluted with tiny folds radiating from the center and richly adorned with a soft primrose yellow hue, enhancing the beauty of this charming flower. Large pkt., 10c; 3 for 25c.

1559. Douglasi. It is extraordinary early flowering, being in full bloom at least a fortnight earlier than the other kinds. The color of the flowers, which are from 1½ to 1¾ in. across, is a pure golden yellow with a dark yellow center. Foliage glaucous and finely divided. Pkt., 10c.

1560. Californica. The yellow California Poppy. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., $1.00.

1561. Rose Cardinal. Very deep carmine. Pkt., 5c.

1562. Mandarin. Deep orange; a beautiful sort. Pkt., 5c.

1565. Fine Mixed. Many colors. Pkt., 5c; ½ oz., 10c; oz., 20c; 2 oz., 30c; lb., $1.25.

Double Sorts. **1566.** White. **1567.** Rose. **1568.** Yellow. **1569.** Mixed. Each, pkt., 10c.

1575. Vaughan's "Special Mixture" California Poppies. This mixture includes all the above single and double sorts, and is the finest and most complete mixture of these charming annuals in existence. Pkt., 10c; 2 for 15c; ½ oz., 25c; oz., 40c.

VAUGHAN'S SPECIAL

DOLICHOS, *(See Hyacinth Bean.)*

Dracaena Indivisa *(Dragon Plant.)* **1494.** G.P. Beautiful ornamental-leaved plants; long, narrow, Green foliage; indispensable for vases and house decorations. Pkt., 10c.

ECHEVERIA, HEN AND CHICKENS.

These plants are easily and cheaply grown from seed.

1510. Many Varieties Mixed. These seedlings will furnish a real surprise, for few people have any idea of the great variety, both in shapes and colorings, that are found among the Echeverias. Our mixture comprises all the new sorts. Greenhouse perennials. 25 seeds, 10c; 100 seeds, 35c; 250 seeds, 75c.

1511. Desmetiana. The prettiest of all the Echeveria (Hen and Chicken), being a beautiful silvery white. Comes true from seed. Indispensable for carpet beds and in formal gardens. Pkt., (100 seeds) 25c.

Echinacea **Hybrida. 1520.** H. P. 4 ft. These truly magnificent new Hybrids were obtained by crossing different Rudbecklas on the Echinacea purpurea and E. angustifolia. The flowers differ greatly in size and shape, some are long and narrow-petaled, others show broad and short ray-florets, but all of them are very pretty and furnish a splendid material for cutting. The colors range from flesh color to deep purplish red. Pkt., 15c.

Echinops. *(Globe Thistle)* H.P. 3-5 ft. Striking plants, with handsome silvery thistle-like foliage and fine blue flowers in round heads, which can be used for cutting. Excellent for the back of the hardy border among other tall plants.

1524. Ritro. Steel-blue flowers; the best variety for cutting. Pkt., 10c.

1525. Sphaerocephalus. Pale blue, globular flowers. Pkt., 10c.

Edelweiss. 1530. The true and famous Edelweiss of the Alps. The flowers are of downy texture, pure silver-white and star-shaped. Succeeds in almost any not too rich soil, with full exposure to the sun. Pkt., 10c.

Erigeron. 1535. Grandiflora Elatior. H. P. 1 ft. A fine cut flower. It blooms very early and free. Color pale lilac. Pkt., 20c.

Eryngium. 1540. Planum. H.P. 3-4 ft. An A No. 1 cut flower. The plants are vigorous growers, flowers blue. Of easiest culture and as hardy as an oak. Pkt., 10c.

1541. Amethystinum. H.P. 2-3 ft. Handsome, ornamental hardy plants, with finely-cut, spiny foliage and beautiful thistle-like heads of amethystine blue; fine for winter bouquets. Pkt., 10c.

1542. Alpinum. H.P. 3 ft. The handsomest of the Sea Holly. The round flower heads and stems are of the most pleasing and brilliant steel-blue. Pkt., 10c.

Erythrina. 1545. Crista Galli. The Coral Tree, a fine greenhouse shrub. Pkt., 10c.

EUPATORIUM *(Thorough-wort.)*

Strong-growing, hardy perennials, well suited for naturalizing, and all of the sorts offered below deserve a place in every hardy border; they will grow and thrive in almost any position; will flower the first year if sown early.

1580. Ageratoides. 3-4 ft. A very useful variety, with dense heads of minute white flowers from August to October. Pkt., 10c.

1581. Coelestinum. 18-24 in. One of the best blue perennials and bears from August till frost an abundance of clear, lavender-blue, glossy flowers; splendid for cutting. Pkt., 10c.

1582. Fraseri. 1½ ft. A very pretty dwarf variety, producing clusters of snowy-white flowers; fine for cutting and bouquets. Pkt., 10c.

1583. Purpureum (Joe Pye-Weed). 4-6 ft. The native variety, with heads of reddish-purple flowers in August and September. Pkt., 10c.

EUPHORBIA.

Strong-growing annuals, suitable for beds of tall-growing plants or mixed borders; the foliage is exceedingly ornamental.

1590. Variegata (Snow on the Mountain). 2 ft. Attractive foliage, veined and margined with white. Oz., 30c; pkt., 5c.

1591. Heterophylla (Annual Poinsettia, Mexican Fire Plant, Painted Leaf).—An annual resembling in habit and color the beautiful hot-house Poinsettia. The plants grow 2 to 3 ft. high, of branching, bush-like form, with smooth, glossy-green leaves, which, about mid-summer, become a beautiful orange-scarlet presenting a striking and brilliant appearance. Pkt., 10c.

EVERLASTINGS.

These are mostly annuals with straw-like flowers that keep their form and color for years.

Acroclinium. 1 ft. Graceful and pretty, half-hardy annuals; pretty in beds or pots.

92. Double Rose. **93.** Double White.

194. Ammobium Alatum. 2 ft. Large-flowered, with handsome double white flowers; useful either in the garden or for winter bouquets; cut before the buds open.

Gomphrena Globosa. A very fine annual, very desirable as a bedding plant, making a continuous display. Cut when fully developed.

1676. White. **1677.** Red. **1678.** Mixed.

1760. Helichrysum Strawflower. Showy, easily grown annuals for the border; fine for winter bouquets; cut before the buds expand. Mixed colors.

2935. Rhodanthe. A lovely everlasting, either in the garden or for winter bouquets; flowers white, rose, crimson.

4340. Xeranthemum. A hardy annual, 1 ft. high, bearing handsome, double flowers on long stems; colors mostly white, blue and purple; cut when fully developed. One of our best everlastings, and easily grown. Mixed colors.

Any of above, pkt., 5c; any 6 for 25c.

1592. Mixture of many kinds, large pkt., 10c; 3 for 25c.

Four O'Clock. See Marvel of Peru. **Foxglove.** See Digitalis.

FORGET-ME-NOT, MYOSOTIS. *Vaughan's Early and Late Flowering.*

1600. This sort will bloom in eight weeks after sowing and will bring forth its lovely blossoms throughout the whole summer and fall and continue through the winter if taken up and potted. Borne on long, stiff stems, and of most exquisite sky-blue with a delicate white center. Forget-me-nots will, like other plants, respond to good treatment, but they succeed best with moisture and a somewhat shaded position. Pkt., 10c; 3 for 25c.

VAUGHAN'S SPECIAL

1602. Blue Alpine. Pkt., 5c.

1603. White Alpine. Pkt., 5c.

1604. Eliza Fanrobert. Flowers large, sky-blue, with clearly defined yellow eye. Pkt., 5c.

1605. Victoria. The flowers are large and of a bright azure-blue, with yellow centers. The plants form neat bushes completely covered with blooms. Pkt., 10c.

1607. Dissitiflora. One of the best of all the Forget-me-nots. It is of a remarkably compact habit and a profuse bloomer, having the appearance of a sheet of blue. Pkt., 10c.

1608. Ruth Fischer, see novelties.

1609. Palustris. The true Forget-Me-Not; beautiful blue flowers; 6 in. Pkt., 10c.

1610. Semperflorens. A charming dwarf Forget-Me-Not, continuing in bloom from early spring until autumn; blue; 8 in. Pkt., 10c.

1615. Forget-me-Not. Mixed. Pkt., 5c.

Fuchsia. 1620. These bloom the first year from seed if planted early. Double and single mixed. Pkt., 20c.

GAILLARDIAS. *Perennial Varieties.*

1630. These are undoubtedly among the choicest of hardy perennials; the flowers are large, very numerous, excellent for cutting and of the most brilliant shades of orange, crimson, scarlet and vermilion, and very often a combination of all these colors in one flower. Many colors. Pkt., 10c; oz., 60c.

Kelway's Hardy Gaillardia. **1631.** This is to our knowledge the choicest strain of Hardy Gaillardias. The flowers are of enormous size, and the colors the most varied we have ever seen. Flowers for about three months. Our seed is from Kelway direct. Pkt., 25c; 3 for 65c.

New Crimson Hardy Gaillardia. **Grandiflora Maxima Kermesina Splendens.** **1632.** A magnificent color; rich crimson center with a border of canary yellow. The flowers are immense, over 4 inches across and are borne on long stout stems. Pkt., 10c; 3 pkts. for 25c.

"Sulphur Queen." **1633.** The most striking of the hardy Gaillardias. Flowers are of good size and substance, are borne on wiry stems and are excellent for decorations. The color is a pale sulphur-yellow with a bright maroon eye, giving the flowers a very distinct appearance. Pkt., 10c.

These Hardy Gaillardias are in bloom for 4 months and furnish abundance of the most showy and handsome cut flowers.

ANNUAL GAILLARDIAS.

1640. Perfection. The beautiful annual Gaillardia (Lorenziana) is undoubtedly one of the most valuable annuals we have for cut flowers. This variety produces very double flowers as round as a perfect ball, in the most varied colors, and are borne on long slender stems; when cut will keep over a week. Pkt., 5c; ¼ oz., 15c; oz., 40c.

1641. Picta Josephus. 15 in. A very desirable new annual, which produces its brilliant single flowers almost the entire summer. Color rich red in the center with a broad yellow band. Valuable for beds, borders and cut. Pkt., 10c.

Gaura **1645. Lindheimeri.** H.P. 3 ft. A graceful plant, bearing numerous spikes of rosy-white flowers from July till frost. This is largely used throughout Europe for interspersing in beds of Begonias, Geraniums, etc., etc., giving an air of grace to what would otherwise be stiff. Pkt., 20c.

Gazania **1646. Hybrida.** H.P. 10 in. Showy plants, spreading out like a Verbena, and well suited for summer garden beds or vases, baskets, etc.; large single flowers, 2 to 3½ in. across, ranging from milk-white to chamois, yellow or orange, zoned and spotted with violet, black or white, some with rose tips. Mixed colors, pkt. (15 seeds), 25c.

1647. Splendens Hyb. Grandiflora. See Novelties.

Gentiana **1655. Acaulis.** H.P. 10 in. Blue. Pkt., 10c.

1651. Lutea. Yellow Gentian. Pkt., 10c.

GERANIUM.

These grow readily from seed and produce blooming plants the first summer. There is a great deal of pleasure in watching them develop from seed, and there is always the chance of securing something new and desirable in that way.

1660. Splendid Mixed. Planted early, they **bloom the first summer.** Pkt., 5c.

1656. Zonale Varieties. Saved from some of the finest collections; many choice and entirely new varieties may be expected. Pkt., 10c.

1657. Lady Washington. Pkt. (25 seeds), 20c.

1658. Apple-Scented. Fragrant. Pkt. (25 seeds), 10c.

1659. New Large-Flowering. The seed we offer here is saved from a splendid collection of large flowering Geraniums. They will bloom in 10 to 12 weeks from the time of sowing and the flowers should be equal to the best kinds. Pkt. (50 seeds), 15c; 2 for 25c.

Gerbera **Jamesoni.** **1662.** H.H.P. **(Transvaal Daisy.)** Single daisy-like flowers, 4 inches in diameter, on stems 18 inches long. The color is brilliant scarlet. Requires protection in winter. Pkt. (25 seeds), 35c.

Geum **1663. Coccineum Plenum.** H.P. 18 in. Flowers bright scarlet, double; last well when cut. Beautiful hardy perennial, bearing profusely large showy flowers all through the summer; an elegant flower for bouquets. Pkt., 10c.

1664. Heldreichi. Beautiful orange flowers, very free. Pkt., 10c.

Gilia **Coronopifolia.** **1665.** See Novelties.

Gladiolus **Praecox.** **1666.** See Novelties.

Glaucium **Tricolor.** **1668.** H.A. 30 in. **(New Horn Poppy.)** Its large, fine shaped flowers, 3 in. in diameter, are of the most brilliant orange-red with black or yellow spots at the base of each petal. The plants are continuously in bloom if sown in the open ground in early spring. Seeds are slow of germination. Pkt., 10c; 3 for 25c.

1667. Luteum. The old-fashioned yellow Horn Poppy. Pkt., 5c.

FLOWERING HELIOTROPE PLANTS

From Seed Sown in Spring.

It is but little known that seed sown in February and March will produce large flowering plants the first summer. Our mixture contains seeds from many named sorts and will produce fine plants with proper treatment. Cultural directions on each package.

1761. Heliotrope. Mixed. Pkt. (100 seeds), 5c.

MAMMOTH FLOWERING HELIOTROPE.

1762. Blooms from seed the first year, and as early as Sweet Peas or Balsams. Heliotrope will bloom as easily from seed as any of the common annuals. Pkt., 10c; 3 for 25c.

Helichrysum. (See Everlasting Flowers.)

Helianthus. (See Sunflower.)

GLOXINIA.

Magnificent house blooming, bulbous plants, with handsome bell-shaped flowers in a diversity of the richest colors. Our International mixture contains the finest European strains.

1674. International Mixture. The best strain in existence. Pkt., 25c.

1672. Circe. See Novelties.

1673. Fine Mixed. Pkt., 10c.

Godetia. H.A. They are of a dwarf habit of growth, the flowers are of handsome shape in the most brilliant as well as delicate colors, and are produced in marvelous profusion. Of easiest culture.

1670. Godetias. Many sorts and colors mixed. Pkt., 5c; ¼ oz., 12c.

1671. Dwarf Sorts, Mixed. Every plant will form a neat little globular bush covered with pretty flowers. Pkt., 10c; 3 for 25c.

Golden Rod. **(Solidago Canadensis.)** **1675.** H.P. The well-known golden-yellow favorite. Pkt., 5c.

ORNAMENTAL GOURDS.

Any of the following, pkt., 5c, except where noted.

These are desirable for many places where an immense amount of vine is wanted quickly. Most sorts are good for 20 to 30 ft. in a season and the blossoms of some are quite striking and handsome. With all sorts the fruit is unique and ornamental, and often useful. The small, fancy Gourds are excellent toys for children, while the larger Gourds may be used as dippers, sugar troughs or bowls. Cultivate the same as Melons.

1685. Towel Gourd, or Luffa. Many ladies prefer a dish cloth made of this Gourd to anything else, as it is always sweet and clean as long as any part of it is left.

1686. Sugar Trough. They have thick shells which are very durable.

1687. Dipper. Makes an excellent dipper.

1688. Japanese Nest Egg. Resembling in color, shape and size the eggs of hens, and make the best nest eggs.

1689. Hercules Club. Grows 3 to 4 ft. long.

1690. Large Bottle. Handsome and useful.

1691. Orange. The well-known Mock Orange.

1692. Pear Shaped. Striped yellow and green.

1693. Turk's Turban. Most peculiar of all.

1694. Spoon Gourd. Small fruits with slender neck 4 to 5 in. long, brilliantly marked in green and orange with white on light-green stripes. The lower portion or half of the bowl is a rich dark green, while the upper half and neck are a bright orange-yellow. Fine for growing on trellises or fences, fruits freely. By slicing off a portion on the side of the bowl and drying the shell, a very satisfactory spoon may be made. Pkt., 10c.

1695. QUEEN ANNE'S SWEET SCENTED POCKET MELON. This is a great curiosity and useful fruit. Grows on trellises, makes a pretty vine and very showy fruit, which has a **delicious perfume;** carried in the pocket or laid on mantel or table, imparts a delicious fragrance; served with sugar, makes a dainty dessert. Pkt. (25 seeds), 5c.

1696. Chinese Bottle. See Novelties.

1697. Mixed Gourds. All the above and many others. Pkt., 5c; ½ oz., 15c; oz., 25c.

1698. Small-Fruited Gourds. Many kinds, mixed. Pkt., 5c.

1699. Gourd Collection. 12 kinds. 30c.

1700. Gourd Collection. 6 kinds. 20c.

GREVILLEA ROBUSTA, OR SILK OAK.

1705. One of the quickest growing of ornamental house plants. It is easy to manage, grows rapidly from seed, and is pretty in all its stages of growth. With its long drooping, silky foliage it reminds one of a palm or fern. Pkt. (20 seeds), 10c.

GYPSOPHILA, OR ANGEL'S BREATH.

An annual that should be in every garden, for it thrives everywhere, and furnishes the loveliest material for all kinds of bouquets, either Sweet Peas, Roses, Carnations, or anything else.

1708. Elegans Alba Grandiflora. This is an improved, large-flowering, pure white form of the annual Baby's Breath, of free, easy growth, and grown by the acre in the suburbs of Paris and London for use with other cut flowers. Several sowings should be made during the season to keep up a supply. Per oz., 15c; pkt., 5c.

1709. Elegans, Pink. A delicate pink, splendid for carpeting in rose or lily beds. Pkt., 5c; ½ oz., 10c; oz., 15c.

1712. Paniculata (Baby's Breath). Flowers white. A hardy perennial. Pkt., 5c.

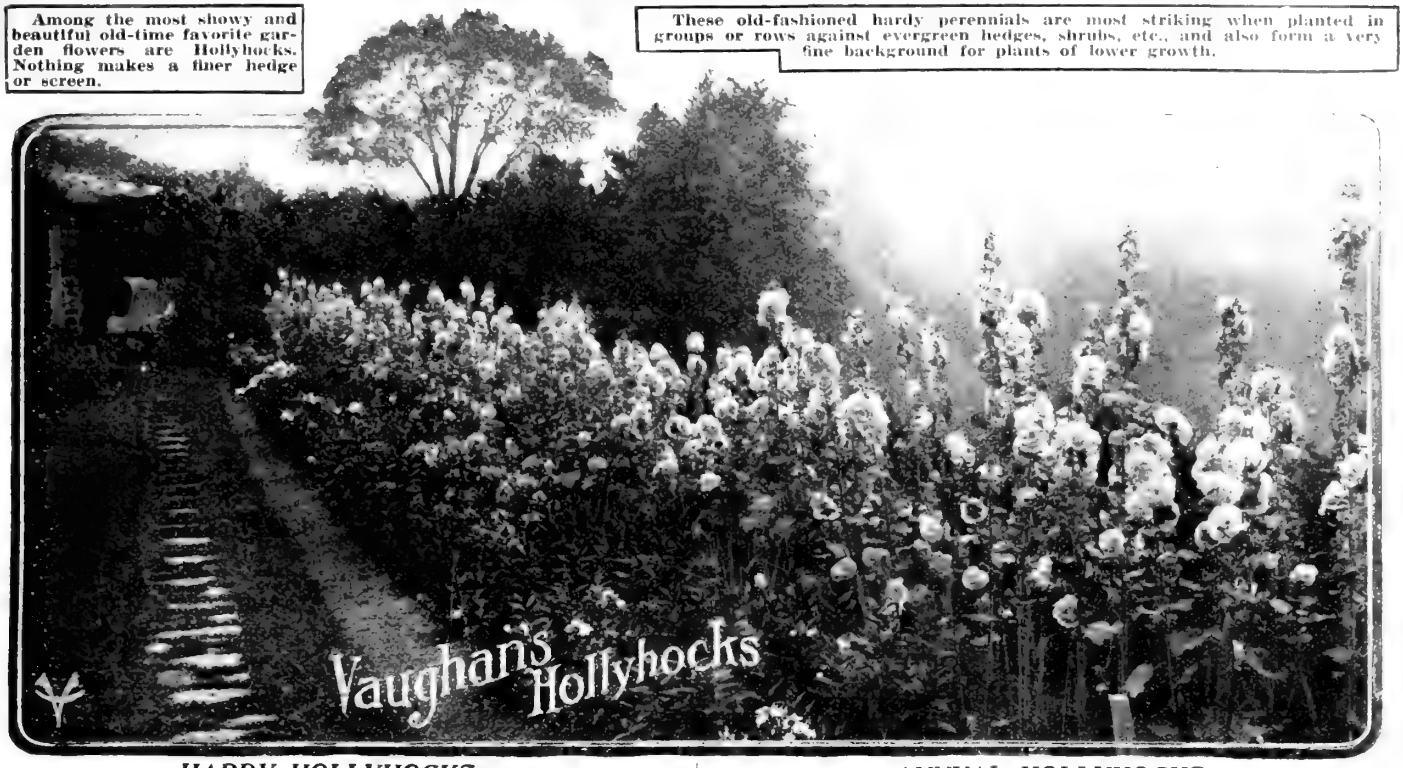
1713. Muralis. Flowers pink; hardy perennial. Pkt., 5c.

Hibiscus **1770. Giant Golden Bowl.** The flowers of this magnificent Hibiscus are from 6 to 9 in. in diameter. Their color is rich, deep cream, with a velvety maroon center. The plants grow from 3 to 5 ft. high, and bear from 10 to 20 of their gigantic bell-shaped flowers at one time. Pkt. (40 seeds), 10c.

HIBISCUS. **1771. Crimson Eye.** These immense flowers of pure white, with a large crimson eye, often measure 7 in. in diameter, and a plant will often have as many as fifty of them. It blooms from seed the first year, sown in the open ground. A perennial, and lasts year after year. Pkt., 5c.

Among the most showy and beautiful old-time favorite garden flowers are Hollyhocks. Nothing makes a finer hedge or screen.

These old-fashioned hardy perennials are most striking when planted in groups or rows against evergreen hedges, shrubs, etc., and also form a very fine background for plants of lower growth.



HARDY HOLLYHOCKS.

OUR seeds of this type have been saved from the finest and largest double flowers only, and will produce flowers extremely double and in the best, brightest and most charming colors. Sow in April, May or June for next year's blooming.

For Roots, see Hardy Perennial Plant Department.

1800. Double Crimson. **1803. Double Deep Rose.** **1806. Double White.**
1801. Double Blood-Red. **1804. Double Yellow.** **1807. Double Black.**
1802. Double Pink. **1805. Double Salmon.**

Each of above, pkt., 10c; any 3 for 25c; ⅛ oz., 30c.

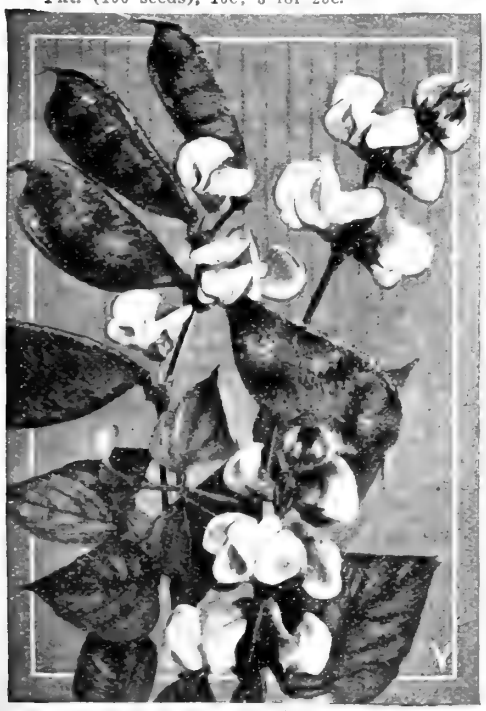
1812. Vaughan's Prize Hollyhocks, in the largest variety mixed; includes all the above named colors and others. Pkt. (100 seeds), 10c; ⅛ oz., 25c.

1813. Double Hollyhocks. A good mixture. Pkt., 5c; ¼ oz., 20c.

1814. Single Hollyhocks. Our mixture contains many colors. Pkt., 5c; ¼ oz., 15c; oz., 45c.

Mammoth Allegheny Hollyhocks.

1815. If sown early, blooms the first year from seed. A perpetual bloomer. The flowers are double, semi-double and single and the petals are fringed. The colors are shell pink, rose and red, a shade or two deeper at the center, and exquisitely tinted towards the edge. Pkt. (100 seeds), 10c; 3 for 25c.



HYACINTH BEAN (Dolichos)
One of our best annual climbers.

Hyacinth Bean.

H.H.A. 10 ft. A rapid growing annual climber, flowering freely in erect racemes, followed by ornamental seed-pods.

1835. Daylight. Large Wistaria-like racemes of snow-white, sweet-scented flowers, followed by silvery-white seed pods. This is a quick growing, vigorous plant. Pkt. (30 seeds), 5c; oz., 15c.

1836. Soudan. The twining stems are of intense purple color, and the beautiful long flowers, which are produced during the whole summer, are of a **brilliant rose.** The numerous pods are themselves an ornament to the plant, owing to their dark red color. Stands heat exceedingly well, and for covering walls, trellises, etc., will be found invaluable. Pkt. (25 seeds), 5c; oz., 15c.

1837. Hyacinth Bean. Mixed. Pkt. (20 seeds), 5c; ½ oz., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 40c.

ANNUAL HOLLYHOCKS.

1820. This new strain possesses all the virtues of the double old-fashioned Hollyhocks with the additional advantage of blooming from seed the first year. Plants started from seed sown in March or April in the house or hot bed, transplanted in May into their permanent place, will bloom in August and continue until fall. The plants branch out freely and are not easily attacked by the Hollyhock fungus, therefore retain their fresh, bright green leaves until late. The flowers are double, semi-double or single. Pkt. (50 seeds), 10c; 3 for 25c.

Everblooming Single Hollyhocks.

1821. A strain of quick-blooming Hollyhocks. Seeds sown under glass in March produce plants that flower in August and continue until cold weather. They are more vigorous at all stages than the usual type, sending out branches and developing buds at an increasing rate as the season advances. The flowers are single, and colors cover the whole range. Pkt. (100 seeds), 10c; 3 for 25c.

Honesty. **(Moonwort, Satin Flower.)** **1825.** H.B. 2 ft. Admired for its silvery seed pouches, which are used for house ornaments; beautiful and curious. Mixed, pkt., 10c; ¼ oz., 25c.

Hormium Pyrenaicum Grdfl. Purpureum. **1826.** H.P. 15 in. A very desirable new perennial for the rockery. The leaves are egg-shaped and grow in large rosettes. Their pretty purple-lilac flowers are borne in whorls of six. Blooms in June-July and requires a well-drained situation. Pkt., 15c.

Variegated Japanese Hop. **1829.** T.A. 15-20 ft. There is no hardier climbing vine than the Japanese Hop, and for quick smooth resistance to drouth or insects it has no equal. This new sort possesses all the good qualities of its parent, and in addition has beautifully variegated foliage, splashed and streaked with white. Pkt., 10c.

1830. Green-Leaved Japanese Hop. One of the most rapid growing ornamental climbers. Pkt., 5c; ¼ oz., 10c.

Bush Escholtzia, or Hunnemannia. **1832.** H.A. 18 in. **This is a most beautiful plant and we want every one of our customers to plant at least one packet of it on the strength of our recommendation.** The plants grow into a shrubby bush and produce large cup-shaped **flowers 3 in. across** on stems 12 in. long. The color is of clear, bright yellow, the petals are broad and crinkled, like crushed satin. The flowers keep in water for two weeks. Large pkt., 10c; ¼ oz., 20c.

1810. Ice Plant (Mesembryanthemum). T.A. 6 in. Suitable for rock work, hanging baskets, etc. Foliage thick, flowers frosted, wax-like. Pkt. 5c.

Impatiens Sultani, Zanzibar Balsam.

1844. One of the prettiest plants for pot culture and also outdoor planting in a half-shaded situation; remarkable for long duration of bloom. It is very charming for winter blooming. When the plants are only a few inches in height they commence blooming, and continue through the entire season, sending out perfect masses of rosy flowers which are very lovely in contrast with the glossy green of the foliage. Pkt. (50 seeds), 10c.

Impatiens Holstii. **1845.** 1½-2 ft. A new, very handsome variety. It forms elegant bushes and produces two to four flowers on each peduncle, and from three to five peduncles on the tops of the branches. The flowers (1½ in.) are of a brilliant vermilion color, a gorgeous coloring. Sown on heat in March, the seedlings may be planted out by the end of May and will be continuously in bloom from June until frost. Pkt. (50 seeds), 15c; 3 for 40.

Impatiens Holstii (New Hybrids) **1846.** In habit like Holstii, these new hybrids bring flowers in the following new colors: White with center, rosy white, deep purplish violet, orange vermilion, chamois and bright carmine. Are splendid for pots, borders or beds. Mixed colors. Pkt., 15c.

For a continuous bloom, either in the sun or partial shade, in the garden in summer and in the house in winter, these new Impatiens have no superiors.

Ipomoea. See Morning Glories

Incarvillea Grandiflora. **1850.** H.P. 1 ft. The plant has large flowers of a rich intense carmine, toned with magenta. Internally the flower is conspicuous by a twice or thrice twin line of white, merging into the palest yellow low down in the tube. Pkt., 20c.

Inula Glandula Grandiflora. **1851.** H.P. 30 in. Produces its large, rich deep orange flowers from June to August. Pkt., 20c.

Ionopsidium, or Diamond Flower. **1853.** H.H.P. A charming little flower for pot culture. Seeds sprinkled in a pot will bloom in a month. If scattered around on pots in which other plants are growing they will make a most charming effect. White and violet flowers. Pkt., 5c.

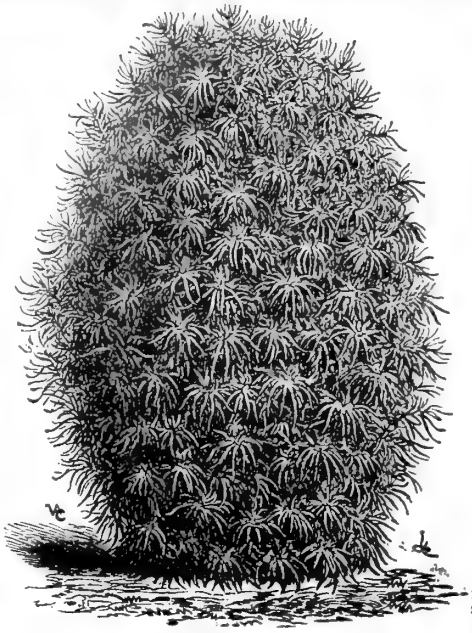
IRIS. *Kæmpferi (Japanese Iris.)*

1860. This is one of the showiest of the "Flags" and now extensively used in the hardy garden. The seeds we offer have been saved from an unrivaled collection, and should produce only varieties of the highest merit. Blooms the second year from seed. Pkt., 10c. **(For immediate results it is necessary to get roots of Japanese Iris. See list under the head of Hardy Perennial Plants.)**

Iris Siberica. **1861.** H.P. 3 ft. The seed we offer is from one of the best collections in Europe. Pkt., 10c.

Kenilworth Ivy. **1862.** H.P. Lavender and purple. A charming small, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rockwork. Pkt., 5c.

1863. Alba. Very pretty new variety of the above, with light-green, glossy foliage and pure white flowers. Pkt., 10c.



Kochia, or Burning Bush.

KOCHIA, OR "BURNING BUSH." *(Kochia Tricophylla.)*

1865. H.A. A highly ornamental annual of rapid growth which forms regular pyramids about 3 feet high, having a cypress-like appearance. The leaves are slender and of a light pea-green until September, when they change to carmine and blood-red. Its bright autumn coloring has given it two other names: "Mexican Fire Plant" and "Burning Bush." The flowers are minute but countless. Sow indoors in April and plant out in May, or sow in open ground about May 1st. Plants do best in a sunny exposure. Pkt., 10c; ½ oz., 25c.

Lantana. **1870. Dwarf Compact Bedding Hybrids.** H.H.P. Of dwarf and compact growth they will be found a great improvement upon the older sorts and a splendid acquisition to our list of window and garden flowers. Pkt. (25 seeds), 10c.

1871. Lantana Hybrida. A very pretty perennial plant, suitable for outdoor use in summer and for house culture. Flowers Verbena-like in many colors. Pkt., 5c.

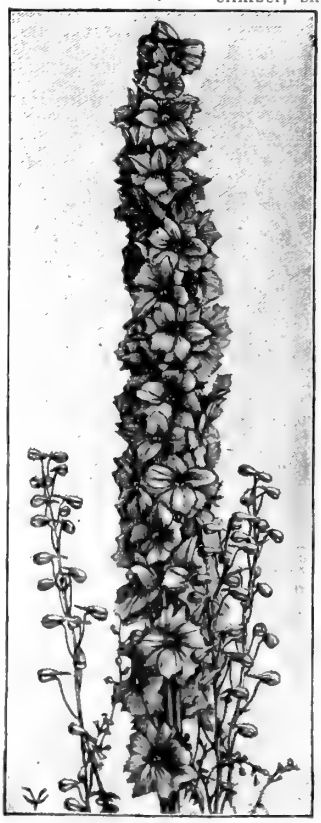
LARKSPUR OR DELPHINIUM. *Perennial Varieties.*

The hardy varieties are of bewitching beauty in the perennial borders or among shrubs. The brilliant flower spikes can be seen from a distance and are strikingly effective. If sown early many of the plants will bloom the first year. The plants will bloom almost continually if the blooms are removed as they fade.

1883. Caucasicum. Magnificent new sky-blue. Pkt., 10c.
1872. Cashmerianum. 15 in. Spreading, many-branched; flowers often 2 in. wide; deep purplish blue; superb. Pkt., 15c.
1873. Chinense. 3 ft. A distinct and neat variety, with fine feathery foliage, and producing freely spikes of large blossoms, varying in color through all the delicate shades of blue. Pkt., 5c; ⅛ oz., 15c.
1874. Chinense. White. Pkt., 5c; ⅛ oz., 15c.
1875. Chinese Mixed. The stems have many lateral branches, with large flowers ranging from pure white to deep indigo-blue. Young seedlings will bloom from midsummer until Fall. Pkt., 10c.
1876. Formosum. 3-4 ft. Brilliant blue, white center; especially fine and attractive. ¼ oz., 25c; pkt., 10c.
1877. Formosum Giganteum. See Novelties.
1878. Pillar of Beauty (Formosum Coelestinum). 3 ft. One of the handsomest of hardy perennials; flowers very charming delicate blue. Pkt., 10c.
1879. Double Flowering Hybrids. 3 ft. Flowers large and double. A splendid cut flower and ornamental plant. Many shades of colors in finest mixture. Pkt., 15c.
1880. Elatum, cream color. See Novelties.
1881. Nudicaule. 1 ft. The only pure bright scarlet. Dwarf and compact in growth, with flower stems of fine length. A native of California. Pkt., 20c.
1882. Sibericum Hybridum. 18 in. New, blue shades, very fine. Pkt., 10c.
1888. Speciosum Glabratum. New, blue. Pkt., 10c.
1884. Zalil. 3 ft. Sulphur yellow, one of the most beautiful hardy perennials; the flowers resemble the finest Orchids. Pkt. 15c.
1885. Fine Mixed single varieties. Pkt., 5c; oz., 40c.
1886. Burbank's Selection. See Novelties.

VAUGHAN'S SPECIAL

1887. "Vaughan's Special" Mixture of Perennial Larkspur includes the above sorts. This mixture is very valuable for its great variety in shades of color, which range from yellow to pure white; from the palest and most chaste lavender up through every conceivable shade of blue to deep indigo; and for the variety of size and form of their individual blooms, some of which are single, some semi-double, and some double. Pkt., 25c.



Type of Perennial Larkspur.

Lathyrus. **(Everlasting, or Hardy Sweet Pea.)** Showy, free-flowering hardy perennial climbers for covering old stumps, fences, etc., continually in bloom; fine for cutting.

1900. Latifolius. Purplish-red. Pkt., 5c.
1901. Albus. Pure white, very desirable. Pkt., 10c.
1902. Pink Beauty. Bright rosy pink. Pkt., 5c.
1903. Mixed. All colors. Pkt., 5c; oz., 30c.

Lavatera. **(Annual Mallow.)** See Novelties.

Linum. **1930.** H.H.A. 2 ft. **Grandiflorum rubrum** (Crimson Flax). Valuable for bedding. Pkt., 5c; oz., 15c.

LINUM PERENNE. A beautiful hardy perennial, sending up numerous stems which send out long, wiry branches, which are clothed with a growth of small, almost hair-like foliage. At the tips of the branches are poised large blossoms, borne with such airy grace that they appear to be floating in the air. The effect is charming.

1932. Blue. 1933. White. 1934. Perenne Mixed. Each, pkt., 5c.

1935. Linum Flavum. Perennial; yellow. Pkt., 10c.

LOBELIA.

Charming little plants that bloom very quickly from seed and continue to bloom all through the season. For beds, edgings, baskets and pots there is nothing prettier. Liquid manure given while they are in bloom greatly improves the flowers.

Bedding Queen. **1940.** This is undoubtedly the most magnificent of the dwarf Lobelias. The habit of the plant is very dwarf and compact, forming handsome little bushes which are entirely covered with large flowers of the deepest purple, contrasting most charmingly with the pure white eye. Its freedom and duration of bloom is remarkable, the flowers lasting until late in the fall. The best Lobelia for carpet beds, borders and pots. Pkt., 10c; 3 for 25c.
1942. Emperor William. Dwarf, dark blue. Pkt., 5c.
1943. Crystal Palace. (Compacta.) 6 in. Deep blue, dark foliage; the best bedding sort. Pkt., 10c; ⅛ oz., 25c.
1944. Speciosa. Dark blue, best for hanging baskets. Pkt., 5c; ⅛ oz., 15c.
1945. White Gem. Grand sort for ribbon and carpet bedding and for pots. Pkt., 10c; ⅛ oz., 20c.
1946. Mixed Colors. Pkt., 5c; ⅛ oz., 15c.
1947. Hamburgia. See Novelties.
1950. Cardinalis (Cardinal Flower). 3 ft. A native variety, with spikes of brilliant scarlet flowers; fine border plant. Pkt., 10c.
1951. Queen Victoria Hybrids. 3 ft. Flowers large and resemble Cardinalis, but are splendid shades of rose, red, lilac, purple, etc., in bloom from July to October. Pkt., 25c.

Lophospermum. **1960. Scandens.** 10 ft. Highly ornamental annual climber, showy rosy-purple foxglovelike flowers. Pkt., 10c.

Lupinus. **Annual.** Ornamental free-flowering, easily-grown annual, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed flower borders and beds.
1965. Tall Sorts, mixed. Pkt., 5c; oz., 15c.
1966. Dwarf Sorts, mixed. Pkt., 5c; oz., 15c.
1967. Subcarnosus (The Deep-Blue Texan Lupin). Lovely spikes of the deepest sea-blue flowers; delicately fragrant. Pkt., 5c.
1970. Arboreus, Snow Queen. This hardy perennial variety will be found a great acquisition to gardens. It forms dense bushes about 4 feet high, completely clothed to the ground with elegant racemes of snowy white flowers. Pkt., 15c.

Lychnis. **(Burning Star.)** Grand hardy perennials, which grow and bloom year after year, requiring no protection.
1980. Chalcedonica. Intensely bright scarlet. Pkt., 5c.
1981. Haageana. 1 ft. Brilliant orange, scarlet, crimson, etc., in mixture. Pkt., 10c.
1982. Haageana hybrida. White, rose, vermilion, etc. Pkt., 5c.
1983. Sieboldi. Very fine, white. Pkt., 5c.

Lythrum. **1990. Roseum Superbum (Rose Loosestrife).** 3 ft. A very pretty hardy perennial; produces spikes of rosy flowers from July to September. Pkt., 10c.

ANNUAL LARKSPUR.

Sow seed in the open border, either in spring or fall, so that germination may take place very early in the spring. As the seedlings grow, thin them to stand 6 to 18 inches apart, according to variety. The shades of color include light, dark and azure-blue, white, buff, rose, apple-blossom, pink, brick-red, red-lilac, dark lilac, violet and fawn.

1890. Giant Hyacinth-Flowered. 3 ft. This hardy annual derives its name from the striking resemblance of the flowers to a double Hyacinth. The colors are both brilliant and delicate. Mixed. Pkt., 10c; 3 for 20c.
1891. Emperor. 2 ft. Produces an abundance of long, slender flower spikes in the most delicate colors. Many colors mixed. Pkt., 5c; ¼ oz., 10c.
1892. Emperor, Branching White. Beautiful for cutting. Pkt., 5c.
1893. Double Dwarf Rocket. Mixed. 1 ft. Pkt., 5c; ¼ oz., 10c.
1894. Double Tall Rocket. Mixed. 2 ft. Pkt., 5c; ¼ oz., 10c; oz., 30c.
1895. Newport Pink. 2 ft. A rose-colored and very beautiful free-flowering sort. If sown outdoors in spring it will bloom by first of August. Pkt., 10c.

MARIGOLD.

The Marigolds are old favorite free flowering annuals of easy culture. They light the garden with a glitter of yellow far into the frosts of autumn. The tall varieties have uniformly large yellow or orange-colored flowers, and are well adapted for large beds or mixed borders. The dwarf varieties make a fine border for taller sorts, and both are effective when planted in groups or in garden borders.

AFRICAN, OR TALL VARIETIES.

Plants grow 2½ ft. high and produce large double flowers 2½ to 3 in. in diameter.

2010. Eldorado. 3 ft. Immense flowers, 9 to 14 in. around; double; primrose, lemon, orange and golden shades. Pkt., 5c; ¼ oz., 10c.

2011. Lemon Queen. 18 in. Flowers are very large and double. Pkt., 5c.

2012. Orange Queen. Rich orange, large. Pkt., 5c.

2013. Pride of the Garden. Immense flowers, double. Color golden-yellow. Compact, dwarf habit forming dense bushes 15 to 18 ins. high. Pkt., 10c.

2014. Imported Collection of African Marigolds. 6 colors. Pkt., 20c.

2015. Double African Marigold. Pkt., 5c; ½ oz., 15c; oz., 25c.

2016. Vaughan's Special Mixture of Double Tall African Marigold. Pkt., 10c. Includes all the best colors; made up from separate sorts.

FRENCH DWARF VARIETIES.

These dwarf compact strains are very attractive, each plant being covered with hundreds of small bright flowers.

2018. Legion of Honor. 9 in. One of the prettiest and handsomest of the Marigolds. They are insect and drought proof and will bloom from the middle of summer until late in fall. Flowers rich golden-yellow, marked with velvety brown. Pkt., 5c.

2019. Dwarf Gold Striped. Velvety maroon, striped gold. Pkt., 5c.

2022. Double French Marigold, Mixed. Pkt., 5c; ½ oz., 15c; oz., 25c.

2023. Imported Collection of French Marigolds. 6 colors. Pkt., 20c.

2026. Vaughan's Special Mixture Dwarf Marigolds. Pkt., 10c.

See also Calendula, page 63

MARVEL OF PERU, OR FOUR O'CLOCKS.

This is another good old-fashioned flower, bearing hundreds of flowers during the season, of white, yellow, crimson and violet, some varieties combining two or more of these colors in spots, flakes and splashes in such manner as to give the flowers a most "bizarre" effect.

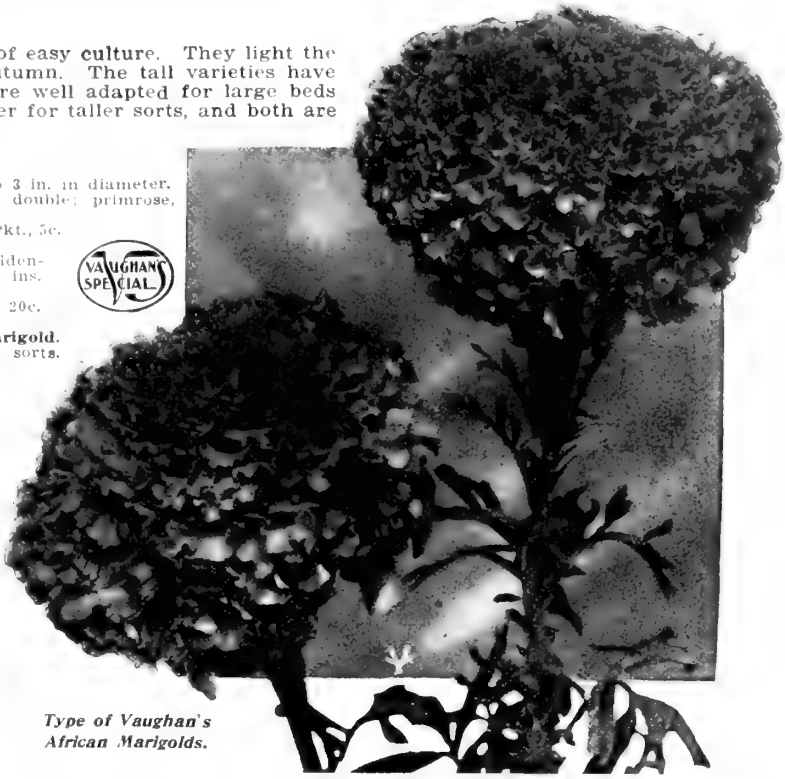
2034. Four O'Clocks, Mixed. Includes variegated leaved sorts. Pkt., 5c; oz., 10c; ¼ lb., 20c

2035. Sweet Scented. (Longiflora.) Flowers white and very fragrant. Pkt., 5c.

2036. Variegated-Leaved Sorts. In finest mixture. Pkt., 5c; oz., 15c.

2037. Dwarf Sorts. 12 in. These are fine plants, covered with flowers. All colors mixed. Pkt., 5c; oz., 15c.

Vaughan's Giant Machet Mignonette.



Type of Vaughan's African Marigolds.

Martynia. 2031. H.H.A. 18 ins. A plant with singular seed vessels, used for pickles. Pkt., 5c.

Matricaria. 2045. **Double Feverfew.** H.A. 2 ft. Lovely little plants with double white flowers and pretty curled foliage. Pkt., 5c.

2046. **M. Capensis Plenissima.** A fine strain of this double white Feverfew, so well adapted for bedding and cutting. Pkt., 10c.

2047. **Matricaria, Golden Ball.** 1 ft. A beautiful hardy perennial of compact habit, suitable for beds or borders, with very striking double yellow flowers. Pkt., 10c.

Mathiola. 2050. 15 in. A charming hardy annual, which begins to flower in June, lilac-pink; sweet. Pkt., 5c.

Maurandya. 2055. G.P. 10 in. This vine is better than any of the Ivies for the window garden and almost equal to Smilax in delicate beauty. It is hardy even out of doors and needs no extra care to succeed inside. It blossoms profusely, is easily grown from seed and roots readily from cuttings. Mixed colors. Pkt., 10c.

Melianthus. 2060. **MAJOR (The Honey Flower).** G.P. 5 ft. Foliage plant for sub-tropical gardening, being a fitting companion to Cannas, etc. Pkt., 15c.

MELOTHRIA PUNCTATA. (Climber.) H.A. 10 ft.

2063. A very pretty climbing Gourd. The foliage is elegantly cut of a shiny dark green color; the flowers white and sweet scented, followed by light green fruits of the shape and size of gooseberries. Pkt., 10c.

MIGNONETTE.

Vaughan's Giant Machet Mignonette. **2070.** There is no Mignonette which can equal this. Its flowers are larger in every way than those of other sorts, the spikes are very dense, its foliage is distinct, being crinkly, while its odor is strong and most delicious. The plants grow in handsome bush form and the flower spikes borne on stiff wiry stems. It is the **Best Mignonette** for all purposes, either for pots or for the garden. It is an **Everbloomer,** the flowers lasting until late in the fall. We supply this sort largely to our florist customers. Our seed is grown with the most scrupulous care and it gives entire satisfaction. Do not fail to get **Vaughan's Giant Machet** for sowing in your garden and another package to sow in pots in June or July to bloom next winter. Pkt., 10c; 2 for 15c; ½ oz., 40c; oz., 65c.

Goliath. 2071. Fine pyramidal bushes, foliage rich green, contrasting strikingly with the bright red flowers. Flower stalks tall and strong, spikes often 7 ins. long by 2 ins. in diameter. Pkt., 10c; ¼ oz., 30c.

2072. **Large-Flowering Pyramidal.** Flowers very sweet, stems large and stiff. One of the best for cut flowers. Pkt., 5c.

2073. **Grandiflora.** Large-flowered. Pkt., 5c; oz., 10c; ¼ lb., 25c.

2074. **Parson's White.** Distinct, almost white. Pkt., 5c.

2075. **Gabriele.** Very sweet; spikes very thick; one of the best. Pkt., 5c.

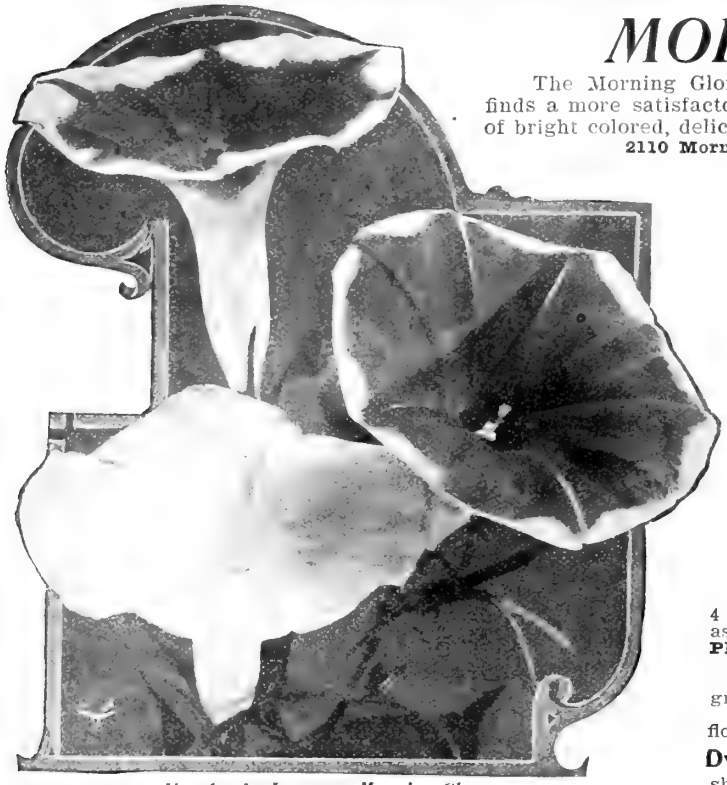
2076. **Golden Queen.** Golden flowers. Pkt., 5c.

2077. **Mixture of Many Sorts.** Pkt., 5c; ½ oz., 10c; oz., 15c.

2080. **Giant White Spiral.** Very long white spikes, produced in great abundance; a most excellent cut-flower. Is not fragrant. Pkt., 5c.

New York Market. 2081. 2-3 ft. This is an extra choice strain of Mignonette for greenhouse culture. Our seed is greenhouse grown raised by a most careful grower. The plants produce flower spikes up to 20 inches long, according to the quality of the soil, weather and treatment. The seed is all saved from selected plants growing from 2 to 5 shoots to a plant and form spikes measuring from 10 to 18 inches long. Pkt., 50c.

MORNING GLORIES.



Vaughan's Japanese Morning Glory.

The Morning Glory is too well known to need a description, and one seldom finds a more satisfactory vine. The amateur gardener can be sure of a fresh supply of bright colored, delicately tinted flowers. Succeed under almost any circumstances.

2110 Morning Glory. Imported collection of 8 distinct colors. **20c.**

2111 White, 5c. 2112 Blue, 5c. 2113 Crimson, 5c. 2114 Striped, 5c.

2115 Morning Glory (Convolvulus Major). Mixed. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

LARGE-FLOWERED MORNING GLORY, ROCHESTER.

2118 This grand Morning Glory is remarkable for the large size and beautiful color of the flower. Vines strong, growing quickly twelve to twenty feet high, with magnificent foliage, leaves measuring from eight to ten inches across, and remaining on the vines close to the ground during the entire summer. Flowers four to five inches across, deep violet-blue in the throat, blending out to an azure-blue, bordered with a wide white band around the edge. The flowers form in clusters of from three to five, from the ground to the top of the vines. **Pkt., 10c.**

BRAZILIAN MORNING GLORIES.

2119 Ipomœa setosa. A most interesting climber, with rose-colored flowers from three to four inches in diameter, and leaves eight to twelve inches across. It presents a remarkable appearance, branching in all directions, and intertwining so as to make it impenetrable to the sun's rays. The large seed-pods, with short, reddish hairs on the stems, make it unusually ornamental and attractive. After planting pour on scalding water. **Pkt., 10c.**

2120 Heavenly Blue. Foliage very large, heart-shaped; flowers 4 to 5 in. across, in large clusters and produced in such abundance as to nearly hide the foliage. Color, most magnificent sky-blue. **Pkt.** (10 seeds), **10c.**

2121 Leari. Satiny-blue, crimson bars. **Pkt.** (12 seeds), **10c.**

2122 Bona Nox (Evening Glory). Violet; flowers large and fragrant, especially in the evening. **Pkt., 5c.**

2123 Mauritianicus. For hanging baskets. Beautiful blue flowers. **Pkt., 5c.**

Dwarf or Bedding Morning Glories. 2126 (Convolvulus Minor). This plant should be better known. The plants grow about 1 ft. high; flowers possessing all the richness of color peculiar to the Climbing Morning Glory. Grow very easily from seed, and are covered with flowers throughout the whole season. **Pkt., 5c; oz., 15c.**

2129 Japanese Morning Glory. A good mixture. **Pkt.** (50 seeds), **5c; ½ oz., 10c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; lb., $1.00; postpaid.**

Vines for immediate effect from seed: Morning Glory, Moon Flower, Nasturtium, Cypress, Japanese Hop, Baloon, Allegheny, Canary Bird, Gourds, Balsam, Coccinea, Cobaea, Dolichos, Scarlet Runner, Mina, Wild Cucumber, Passion Flower.

Vaughan's "Special Mixture" of Japanese Morning Glories.

2130. The variety of color is infinite, running from snow-white through all possible shades of blue and of red from palest pink to darkest reds and purples. Flowers are streaked, mottled, striped, marbled and bordered in wonderful fashion and sometimes show rare shadings of ash-gray, bronze, terra cotta, brown and slate-blue, colors rarely found in any other flowers. The leaves are also very handsome; some are ivy-like, others are heart-shaped, some are rich green, while others are streaked and marbled with white and silvery gray or yellow; others, with choicest flowers, have rich golden leaves. The seeds germinate a little slower than those of the common Morning Glory, and it is well to soak them in water for twenty-four hours before sowing. This mixture contains a finer and larger collection of colors, with larger flowers, more frilled than the ordinary mixture. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., $1.00; lb., $3.00.**

Mimosa. (Sensitive Plant.) **2090 Pudica.** 1½ ft. Curious and interesting annuals with pinkish-white flowers; the leaves close and droop when touched or shaken. **Pkt., 5c.**

2091 Spegazziniana Glauca. The largest of all sensitive plants. If sown early the plants attain a height of 7 ft. by midsummer; covered with large pinnated, sensitive leaves and producing freely clusters of pinkish-white flowers followed by curious brown-colored seed pods, the whole plant being covered with a blue hue. As valuable for decorative purposes as it is interesting for its sensitive properties. **Pkt., 20c.**

Mimulus. (Monkey Flower.) Hardy perennials, thriving best in rather moist situations; those grown for the beauty of their flowers are better when treated as half-hardy annuals. If sown early on warm borders they will flower the first year.

2094 Tigrinus Hybridus fl. pl. It grows about 8 in. high, is remarkably free blooming; flowers are double, and shade in color through pale yellow(golden, flesh, rose, crimson and maroon, handsomely blotched and marked. **Pkt., 10c; 3 for 25c.**

2095 Single Monkey Flower. A showy variety with fine, blotched flowers. **Pkt., 5c.**

2093 (Mimulus moschatus). Well-known popular plant, emitting a pleasing fragrance; flowers yellow. Height 1 ft. **Pkt., 5c.**

Mina Lobata. **2097** 12 ft. A charming Mexican Climber, with tube-shaped flowers, produced in the greatest profusion. In color they are particularly attractive, the buds being first of a bright red, but changing through orange-yellow to creamy-white when fully expanded. The foliage is very handsome, dense and luxuriant; of vigorous growth. **Pkt.** (20 seeds), **10c.**

Mina Sanguinea. **2098** Vines 20 to 30 ft. One of the most beautiful annual Climbers in our list; a very profuse and early bloomer. The leaves resemble oak leaves, and the flowers are borne in large clusters. Blood red, yellow throat. **Pkt.** (25 seeds), **5c.**

I wish to state that I have purchased my flower seeds, vegetable seeds, bulbs, flowering vines and shrubs from Vaughan's Seed Store for many years. I attribute the greater part of my success to the good quality of your seeds.
MRS. J. WILLIAMS.
Prize Winner in Chicago Tribune Garden Contest, 1908. Box and Porch Display.

Molucca Balm. **2100 (Molucella lævis).** Grows from 2 to 3 ft. high, sending up a strong central stem with numerous branches, completely surrounded by flowers, leaving scarcely any room for leaves. Its large **shell-like** calyx is green and delicately veined, containing within it the small corolla, white, striped with purple. **Pkt., 10c.**

(Balsam Apple). See page 62.

Monarda. (Tea or Bee Balm.) Fine hardy perennials of free growth, about 3 ft., with aromatic foliage, and bright flowers in July and August.

2103 Didyma. Intense crimson-scarlet. **Pkt., 15c.**

MOON FLOWER.

2106 (Ipomœa Grandiflora Alba or Noctiflora). Will grow thirty to forty feet in a single season and be covered with its large, white flowers every evening and cloudy day. The hard outer coat of the seed should be cut through with a sharp knife, care being taken not to cut any deeper than the hard shell, and the seed planted about 1 in. deep in moist soil in a box or pan and set in a warm place. If the soil be kept moist, germination will take place in about 2 weeks. After the plants are up, plant outdoors in a sunny situation when danger from frost is past. **Pkt.** (10 seeds), **10c.**

Pink Hybrid Moonflower. **2107** This Moonflower is of marvelous growth. Seeds germinate very quickly and plants begin to bloom about as soon as Morning Glories. The blooms are produced by the thousands all summer and fall. The vines make a most rapid growth and cover more space than any other Moonflower or other annual vine. It branches freely and its foliage is dense, luxuriant and of large size, often measuring 7 ins. across. In color they are of a most exquisite soft lilac-pink. Will succeed wherever a Morning Glory will. **Pkt.** (15 seeds), **10c; 3 for 25c.**

Musa Religiosa. **(The best of all Bananas.)** 2108 Fetich Bana. Large, erect pale green leaves with short extremely thick blackish-brown petioles. The leaves are of a very solid texture, resisting the wind without being torn. **Pkt.** (5 seeds), **25c; 2 pkts. for 40c.**

2109 **Ensete,** Abyssinian Palm. **Pkt.** (10 seeds), **20c.**

Myosotis. See Forget-me-not, page 69.

NASTURTIUMS, *TALL OR CLIMBING.*

For ease of culture, duration of bloom, brilliancy of coloring, Nasturtiums are unexcelled. The tall sorts are luxuriant climbers for verandas, trellises, fences, etc. They specially are adapted to the covering of unsightly railings and to trail over rough ground. The seed pods can be gathered while green and tender for pickling.

PRICE: **Any of the following sorts, except where otherwise noted. Large pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c; postpaid.**

2200 Asa Gray. Pale sulphur yellow, very free blooming.
2201 Atropurpureum. Crimson, rich and velvety.
2202 Black Prince. Velvety black purplish-crimson.
2203 Brilliant. Intense scarlet, dark foliage.
2204 Cardinal. Scarlet, dark foliage.
2205 Chameleon. On one and the same plant are found self colored flowers, others stained and blotched on a clear ground, while others are broadly edged or banded with light or dark shades.
2206 Coccineum. Bright scarlet.
2207 "Coquette." In size of flowers, brilliant blending, and diversity of colors on the same plant, it is a great improvement over the popular French "Chameleon." The flowers vary so greatly from each other that it is almost impossible to find any two that are alike. It produces every color known in Nasturtiums. A hedge or row trailing on the ground will be a source of constant delight all summer long. **Pkt., 10c; oz., 15c; ¼ lb., 40c; per lb., $1.25, postpaid.**
2208 Crown Prince of Prussia. Deep ruby-garnet.
2209 Dunnett's Orange. (Sunlight), bright orange.
2210 Edward Otto. Brownish lilac.
2211 Firefly. A very distinct sort; foliage rich and dark; flowers rosy salmon, underlaid with bright golden yellow. The petals are beautifully marbled and striped carmine.
2212 Giant of Battles. Sulphur, spotted red.
2213 Golden Cloth. Scarlet flowers, yellow foliage.
2214 Heinnemanni. Chocolate color.
2215 Hemisphericum. Straw color, with rosy scarlet blotches.
2216 Ivy-leaved. Fine deep blue-green, ivy-like foliage and dark blood-red fringed flowers. **Pkt., 10c; oz., 20c.**
2217 Jupiter. This variety from California is of strong running growth and bears large, rich golden-yellow flowers of the finest form.
2218 King of the Blacks. Deepest crimson maroon, with darker markings.
2219 King Theodore. Rich, deep crimson; dark leaves; most striking variety of its class.
2220 Lightning, see novelties.
2221 Marguerite. Very dark foliage, with purple stems. Flowers rich deep yellow; striped, blotched and marbled with bright shades of rich brown, orange and carmine.
2222 Napoleon III. Golden yellow, with brown blotches.
2223 Pearl. (Moonlight), whitish.
2224 Primrose. Fine primrose-yellow. Each petal has a small dark brown blotch, and upper petals are lined with the same shade in the throat; the petals are long and narrow, making a loose open flower.
2225 Prince Henry. Light yellow, marbled scarlet.
2226 Princess Victoria Louise. This is surely one of the most beautiful and remarkable varieties of climbing Nasturtiums. The large flowers are cream-white, with orange scarlet blotches, the calyx and the spur being of a pure orange-red.
2230 Queen Wilhelmina, see novelties.
2231 Regelianum. Rich crimson, one of the best.
2232 "Rose Queen." (Virchow.) The flowers are very large, perfectly round, fragrant, and being borne on long stems make most desirable cut flowers. **Pkt., 10c; oz., 15c; 2 oz., 25c.**
2233 Scheuermani. Straw color, spotted.
2234 Scheuermani Coccineum. Scarlet striped.
2235 Shillingi. Bright yellow, maroon blotches.
2236 Spitfire. Bright scarlet; very floriferous.
2237 The Queen. The flowers when opening are a brilliant salmon-orange, passing into a lighter hue. A very pleasing and pretty kind.
2238 Vesuvius. Salmon rose, dark leaved, extra.
2239 Von Moltke. Bluish rose.

Tall Collection No. 1. **2240** Ten varieties, our choice, **one pkt., each, 35c. Net.**

Tall Collection No. 2. **2241** Ten varieties, our choice, **one oz., each, 75c. Net.**

2242 **Mixed Tall.** Of many bright colors; very effective when planted in long rows or masses. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

2243 **Lobb's Finest Mixed.** This mixture is composed of the finest and most distinct varieties in this grand free-flowering type. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.**

HYBRIDS OF MADAM GUNTHER. *Vaughan's Improved Strain.*

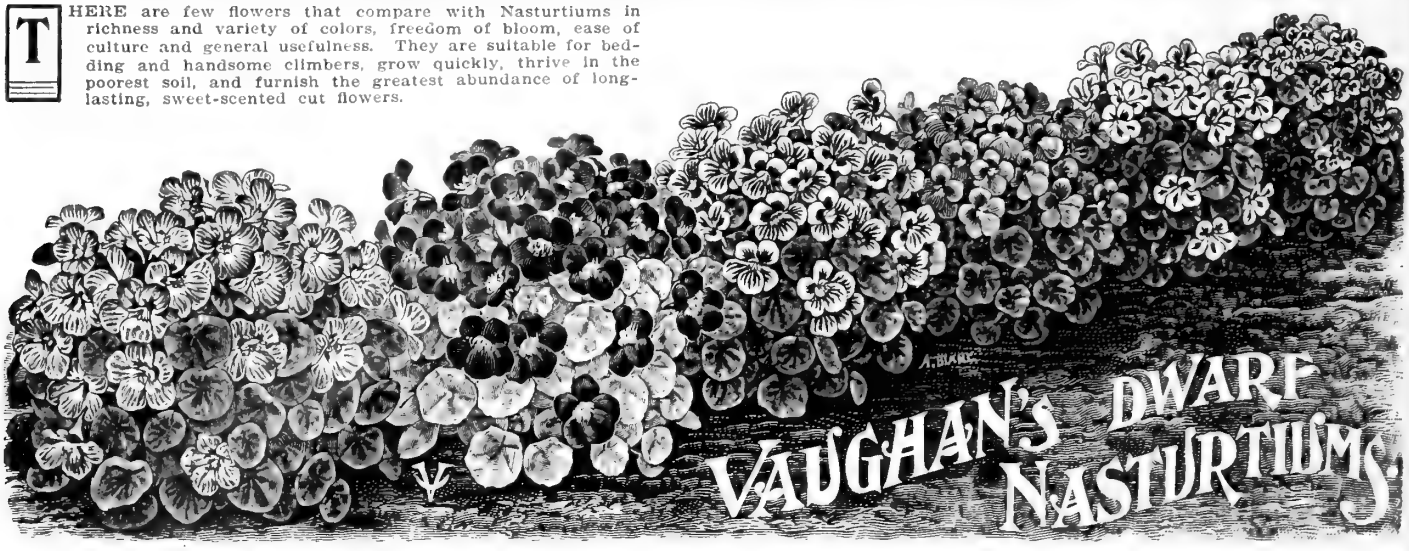
2244 For richness and variety of colors these Hybrids have no equals among Nasturtiums. It is impossible to describe all the different colors, but some of the most striking are as follows: White, shaded carmine, with deep maroon throat; golden-yellow shaded brown on edges; yellow, shaded and mottled with carmine; white, with red blotches; shrimp pink, with deep maroon throat; bright rose, bright yellow, orange, etc. **Large pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00, postpaid.**

VAUGHAN'S SPECIAL MIXTURE OF CLIMBING NASTURTIUMS.

2245 We call especial attention to this mixture. In it will be found all the choicest colors of the tall Nasturtiums, the rich, velvety Lobb varieties, the Canary Bird Creeper, the new hybrids of Mad. Gunther, Coquette and the new Variegated leaved sorts. These climbing Nasturtiums are admirably adapted to covering verandas, trellises and tree trunks, and are useful and handsome as cut flowers for bouquets, vases, buttonholes, etc. **large pkt., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 45c; lb., $1.50, postpaid.**

VAUGHAN'S SPECIAL Price.

THERE are few flowers that compare with Nasturtiums in richness and variety of colors, freedom of bloom, ease of culture and general usefulness. They are suitable for bedding and handsome climbers, grow quickly, thrive in the poorest soil, and furnish the greatest abundance of long-lasting, sweet-scented cut flowers.



PRICE: Any of the following sorts, except where otherwise noted. Large pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

2250. **Aurora.** Deep Chrome yellow, the two lower petals blotched and veined carmine.
2251. **Beauty.** Scarlet, splashed canary.
2252. **Crystal Palace Gem.** Sulphur, maroon spots.
2253. **Empress of India.** A splendid variety, very dark leaves, crimson flowers.
2254. **Golden Cloth.** Distinct and striking. The foliage is of a bright yellow, while the flowers are intense scarlet.
2255. **Golden King.** Brilliant yellow.
2256. **King of Tom Thumbs.** Intense deep scarlet flowers, dark foliage.
2257. **King Theodore.** One of the best dark red sorts, with dark, bluish-green foliage.
2258. **Pearl.** Creamy white.
2259. **Prince Henry.** Brilliant Golden yellow, spotted and marbled with scarlet, with dark green foliage.
2260. **Lady Bird.** The ground color is a rich golden-yellow; each petal is barred with a broad vein of bright ruby crimson.
2261. **Ruby King.** Peculiar blue-tinted red.
2262. **Scarlet King.** Brilliant scarlet.

Queen of Tom Thumbs. **Silver Variegated Foliage.** 2263. This charming novelty produces flowers of a rich bright crimson which forms a very pretty contrast to the silver variegated foliage, and is a strikingly handsome and useful bedding or pot plant, even before coming into bloom; it is very free flowering and produces 90 per cent with true variegated foliage. It is very dwarf and compact, and is a great acquisition as a bedding plant. Award of merit, Royal Horticultural Society. Pkt., 10c.

Vesuvius. 2264. This is the "Tom Thumb" variety of the tall climbing Nasturtium "Vesuvius." It produces dwarf, compact bushes covered with large flowers of a beautiful and brilliant salmon pink, an extremely bright color, showing off well at a distance.

Liliput Improved. 2265. **Choice Mixed Colors.** A very special selection of this distinct and free blooming class; each plant forms a small, compact bush, with an immense number of small blooms thrown well above the foliage, and as a bedding plant is far before the Tom Thumb varieties. This selection contains as many as 30 or 40 shades. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 50c.

Dwarf Nasturtium. 2279. **Mixed.** Many colors. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c, postpaid.

Dwarf Chameleon. 2266. This Nasturtium is a most remarkable advance in this brilliant family. We find that in richness and variety of colors it surpasses any other strain, and is also unique in bearing flowers of **quite distinct colorings on one and the same plant**—some clear, deep crimson, others blotched on light ground, and others beautifully mottled. Pkt., 10c; oz., 20c; ¼ lb., 50c.

"Queen of Holland." 2267. This is a mixture containing a very large percentage of the rarest colors and shades on plants with **dark foliage.** While the flowers are not as large as those of the regular type of Nasturtiums they are produced in vastly greater numbers. Pkt., 10c; ½ oz., 25c.

Park Collection No. 1. 2272. Ten varieties of Dwarf Nasturtiums, our choice. One pkt., each, 35c.

Park Collection No. 2. 2273. Ten Dwarf Nasturtiums, our choice. 1 oz., each, for 75c. Net, without discount.

Special Offer No. 76. One packet each, Tall and Dwarf "Special" Mixture Nasturtium for 15c; 1 oz., each, 25c; ¼ lb., each, for 75c, all postpaid

2268, 2269, 2270, see novelties.

VAUGHAN'S SPECIAL MIXTURE OF DWARF NASTURTIUMS.

2280. Dwarf Nasturtiums are most admirably adapted to beds and borders. **"Vaughan's Special Mixture"** of Dwarf Nasturtiums will give a larger variety of colors in even proportions than any other Nasturtium mixture, for it is put up by ourselves from named sorts, and also contains a large share of the Liliput Nasturtium and of the Dwarf "Chameleon," which have the richest and most varied combination of colors ever produced, showing odd colors hitherto unknown among flowers. Price, large pkt., 10c; oz., 15c; 2 ozs., 25c; ¼ lb., 45c; lb., $1.50

Nicotiana Affinis Hybrids.

Nicotiana Affinis. 2292. **Sweet Scented Tobacco Plant.** This plant attains a height of 2 ft. and produces an abundance of **large, pure white flowers of delicious fragrance.** If taken up in the fall, cut back and potted, they will bloom all winter. Pkt., 5c.

Nicotiana Affinis Hybrida. 2293. New splendid Hybrids in blue, red, rose, etc., shades. These magnificent new Hybrids have large flowers in many beautiful colors and brilliant shades and possess the same sweet fragrance as the N. Affinis, now so well known. All above colors, mixed. Pkt., 10c.

Nicotiana Sanderae Hybrids. 2295. They thrive in any soil or situation, either in pots, boxes, or in the open ground. If wanted in the conservatory there is no difficulty in having a glow of colors, pink, mauve, heliotrope, purple, crimson, rose and white—in huge masses for cutting and for all kinds of decoration through the spring months, and the cut blooms last well, opening freely in water. Many colors, mixed. Pkt., 10c.

Nigella. **(Love in a Mist, or Devil in the Bush).** 2300. **Damascena.** A compact, free-flowering plant, with finely-cut foliage, curious-looking flowers and seed-pods; of easy culture, growing in any garden soil; hardy annuals; blue and white mixed. Pkt., 5c; ½ oz., 10c; oz., 15c.
2301. **Miss Jekyll,** see novelties.

Oenothera. **(Evening Primrose).** 2308. Neat plants, with large, saucer-shaped flowers, white or golden-yellow; open at dusk; emit a delightful perfume. Mixed colors. Pkt., 5c.

Oenothera. **(Mexican Primrose).** 2309. A most desirable plant for Summer and Autumn blooming. Plants 10 ins. high, covered with large flowers of a beautiful pink, with a white center. Useful both for pots and out-doors. Pkt. (about 300 seeds), 10c.
2310. **Speciosa Rosea,** see novelties.

ORNAMENTAL GRASSES

2320. These are most useful for Winter bouquets; enormous quantities of them are annually grown in Germany and exported to the United States, where they are made up into bouquets with Everlasting Flowers. They are easily grown in any soil. Pkt., 10c; 3 for 20c.

Oxalis. 2325. **Rosea Mixed.** A most excellent little plant for borders or pots; blooms all Summer in the greatest profusion; flowers dark rose, delicate pink and white. Pkt., 5c.

Oxalis Tropaeoloides. 2326. Suitable for rock work, rustic baskets, etc., largely used in parks. Flowers deep yellow, leaves, brown. Pkt. (150 seeds), 5c.

PRICE: Any of the following varieties, except where noted: Pkt. (100 seeds), 10c; 3 (10c) pkts., 25c; 6 (10c) pkts., 45c.

2370. **Adonis.** A magnificent light blue with a white center which sets off the dark blotches on the petals in a most striking manner.

2371. **Andromeda. New Giant Curled.** A very delicate apple-blossom generally showing a soft lavender hue, rendered more effective by a somewhat darker veining. **Pkt., 15c.**

2373. **Aureola.** A most unique sort. The three lower petals are carmine, each with a large round blotch, the upper petals are white, with a broad carmine stripe near the edge. **Pkt., 15c.**

2378. **Aurora.** Flowers large, color pure white without blotches.

2380. **Beaconsfield.** This is a great favorite on account of the rich combination of purple and lavender, shading to white towards the top. **Per ⅛ oz., 25c.**

2382. **Boulogne Giants. See inside front cover page.**

2384. **Bridesmaid.** Very large and of fine form. Its ground color is a rosy white, rivaling in delicacy and beauty the finest apple-blossom, and most strikingly sets off the dark blotches of the center.

2386. **Bugnot.** Of enormous size and circular form; the petals are of great substance and velvety appearance, each one bearing a large, deeply colored blotch that runs out in delicate veins to the edge; the shadings comprise tints of red, bronze and brown. **Pkt., 15c.**

2387. **Bugnot Elite.** An improved selection from above. **Pkt., 25c.**

2390. **Butterfly.** The flowers are large, of good form and substance and produced freely. In coloring they are varied, seldom two alike in a hundred plants. They are mottled and spotted, streaked, tigered and splashed, while the colors are mainly those rich wine reds, chocolate, velvety red-brown, lavender, violet and purple shades which are only found in a Pansy blossom.

2397. **Coal Black.** A jet black of truly giant size.

2398. **Crimson.** A rich velvety flower.

2405. **Emperor Francis Joseph.** The plants are of compact habit, while the flowers are of very large size, pure white with a large blotch of brilliant violet blue on each petal. It is the best white Pansy. **Pkt., 15c.**

2406. **Emperor William.** Splendid ultra-marine blue with purple eye.

2407. **Fairy Queen.** This is one of the prettiest of the large flowering Pansies. The flowers are of the loveliest sky-blue with a fine silver border.

2409. **"Fiery Faces."** Rich scarlet with a gold edge and yellow center.

2410. **Freya.** Color, rich deep purple violet with a broad white margin which shows just as distinctly on the back of the petals.

2412. **Golden Queen.** Clear golden yellow.

2414. **Heros.** See novelties.

2420. **Mad. Perrett.** Edge of petal is frilled. The colors are of dark wine, pink and red, beautifully veined and all with a white margin.

2421. **Marechal Niel.** The flowers are very large, without any blotches or veins, and are of the same pleasing, delicate cream color as the rose whose name it bears. **Pkt., 10c.**

2422. **Masterpiece—New Giant Curled.** This strain comes nearer to double Giant Pansies than anything ever introduced under that name. In reality the number of petals is the same as that in other Pansy flowers, but they are crimped and curled in such a fashion that the flowers appear double. The flowers are of enormous size, often 3 inches across, and the color variations and combinations are odd and striking. **Pkt.** (200 seeds), **20c; 3 for 50c.**

2423. **Mauve Queen.** Of largest size, the flowers are of a most pleasing mauve color. The three lower petals have large blotches of bluish carmine. **Pkt., 15c.**

2425. **Orchid—Flowered.** A most interesting type of Pansies of the Giant Flowered Class, containing a mixture of most surprising, novel, unique and beautiful color combinations, entirely new among Pansies. The ground color of nearly all the flowers is light, the petals being marked with large brown or golden yellow blotches which diffuse into rays and veins toward the edge. The upper petals are upright and plaited, resembling orchids. The colors are terra cotta, flesh, orange, rose, pink and lilac. **Pkt.** (100 seeds), **15c.**

2426. **Paris Market Mixture.** Thousands of these Pansies are sold daily in the Paris markets. The flowers of this strain are as large as the Trimardeau and far superior in color and substance of petals; blotches are more conspicuous.

2431. **President McKinley.** The ground color is golden-yellow, while each petal has a large blotch of dark violet.

2433. **Prince Bismarck.** Havana brown with black blotches.

2434. **Prince Henry.** New. Rich velvety dark blue.

2438. **Psyche.** Each flower is elegantly curled and undulated and in every respect a beauty in form and color. The characteristic five velvety violet blotches or eyes are surrounded by a broad white edge. Comes true from seed. **Pkt., 15c.**

2440. **Purple.** Of deepest royal purple known. **Pkt., 5c.**

2444. **Raphael.** See novelties.

2447. **Rosy Morn.** A bright purplish crimson with a clear white edge. In early spring the color is very deep and rich; as the weather grows warmer, the color gradually turns a pleasing rosy carmine and the silver edge becomes wider.

2450. **Siegfried.** Of giant size, the flowers are borne on strong stems. They are mostly 5 spotted with a clear white margin. The colors are of rich brown shades such as are found in the English wall flowers **Pkt., 15c.**

2451. **Striped,** on brown, red and mahogany ground; very striking.

2454. **Trimardeau Mixture.** Flowers large, with a dark blotch on the three lower petals. **Pkt., 5c; ⅛ oz.** (about 1,250 seeds), **40c.**

2455. **Victoria.** See novelties.

2456. **Violet Blue.** Of immense size and of rich velvety texture.

2457. **Volcano.** Color, bright dark red, each petal being marked with a very large dark blotch. The flowers are of large size and good substance and the edges of the petals are curled like those of "Masterpiece," from which it is a selection. **Pkt., 15c.**

2460. **White.** Flowers often 3 inches in diameter, pure white with a large violet blotch on the three lower petals.

2461. **Yellow.** A beautiful clear yellow, heavily blotched on the lower petals. **(See above for kinds not priced.)**

VAUGHAN'S COLLECTION OF GIANT PANSIES.

2479. One packet (containing 50 seeds each) of Giant White, Giant Yellow, Giant Beaconsfield, Giant Striped, Giant Emperor William, Giant Prince Bismarck and Giant Masterpiece. **7 pkts. for 25c.**

VAUGHAN'S "GIANT PANSY" MIXTURE.

2475. Embraces, besides most the above shades and colors, five special strains not listed elsewhere in this Catalogue and which can only be had in this and our International Pansy. This mixture includes the richest reds, coppers and bronzes, together with the most delicate rose pink shadings, all the distinct colors of Trimardeau, the Masterpiece strain with its delicate veinings and ruffled petals. We have spared no expense to secure the newest richest and finest sorts. **Price, ⅛ oz., $1.00; pkt. (250 seeds), 20c; 3 for 50c; pkt. (100 seeds), 10c; 3 for 25c.**

VAUGHAN'S SPECIAL

Vaughan's Chicago Parks Bedding Pansies.

Chicago Parks Bedding Pansies.

This is the best strain for bedding purposes. The plants are of vigorous, even growth, the flowers are large and of good substance.

Per pkt., any of the following, 5c; any 6 for 25c; per ⅛ oz., 20c.

2500. Azure Blue. Velvety, dark.

2501. Black, with Red and White Margin. Handsome.

2502. Black, with Gold Bronze.

2503. Blue Black. Splendid for bedding.

2504. Cardinal Red. Rich scarlet.

2505. Dark Blue. Large.

2506. Dark Colors. Mixed.

2507. Deep Yellow. Very rich.

2508. Dr. Faust. Deep jet black.

2509. Emperor William. Ultramarine blue, with dark center.

2510. Fire King. The 3 lower petals each have a deep brown-red blotch with a broad margin of yellow, while the upper two petals are of a most intense fiery red.

2511. Golden Gem. Golden-yellow.

2512. Gold Margined.

2513. Light Blue. Delicate shade.

2514. Lord Beaconsfield. Purple violet, shading off to lavender.

2515. Mahogany Colors.

2516. Peacock. Upper and lower petals royal purple, shot with peacock blue.

2517. Prince Bismarck. Bronze and brown.

2518. Quadricolor, or Pheasant's Eye. Upper petals sky blue, edged with violet; lower petals spotted and marbled.

2519. Silver Edge. Dark, light edge.

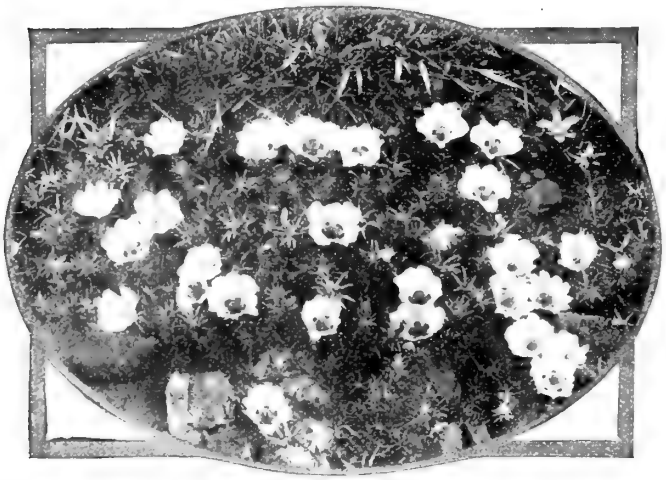
2520. Snow Queen. White, pure.

2521. Striped, or Fancy.

2522. White. With dark center.

2523. Coquette de Poissy. Of a lovely, distinct slate, or mouse color.

CHICAGO PARKS BEDDING PANSIES, Mixed. 2535. All the above. Pkt. (150 seeds), 5c; ⅛ oz., 20c; ¼ oz., 35c.



Large Flowering Single Portulaca.

Double Portulaca.

PORTULACA, ROSE MOSS.

This plant will grow and bloom profusely in a dry, hot situation, where almost any other plant would soon die. Easily transplanted.

Well known, hardy, constant and profuse bloomer, continuing till frost.

2870. Large Flowering Single Portulaca. Many colors mixed. Pkt. (300 seeds), 5c; ¼ oz., 20c; oz., 60c.

2871. Collection of 8 Colors Single Portulaca. 25c.

2872. Double White. 10c. **2874. Double Yellow.** 10c.

2873. Double Pink. 10c. **2875. Double Scarlet.** 10c.

2877. Double, Good Mixed. Pkt., 5c; ¼ oz., 25c.

2876. Double, Best Mixed. Choice double. Pkt., 10c; ⅛ oz., 75c.

2878. Double, Collection of 6 Colors. 35c.

MIXED FLOWER SEEDS.

Carriage drives, shrubberies, large borders, and woodland walks may be brightened with most pleasing effect by sowing Mixed Flower Seeds and the cost is merely nominal.

5010. Dwarf Sorts. Oz., 15c; ¼ lb., 30c; lb., $1.00.

5011. Tall Varieties. Oz., 10c; ¼ lb., 30c; lb., $1.00.

Passion Flower. **"Southern Beauty." (Passiflora.) 2620.** One of the prettiest of all climbing plants. For the window it is splendid, and out of doors it will run up a trellis 20 feet, covered with beautiful blooms, 4 to 5 inches across, which are delightfully sweet. The color is peculiar, of blue, white, pink and red. Pkt. (20 seeds), 10c.

2621. Passiflora Gracilis. A charming annual; grows 10 to 15 feet high; the flowers are white, followed by seed fruits, which when ripe turn bright red and burst open, disclosing scarlet seeds. Pkt., 10c.

Pennisetum Longistylum. **2630.** An Abyssinian Grass with long feathery bearded bristles. Effectively used to border Canna beds at the St. Louis World's Fair and at our trial grounds at Western Springs. Pkt., 10c; ½ oz., 20c.

2631. Pennisetum Rupelianum. Belongs to same family as preceding, but the spikes are longer and more graceful. An annual in the northern states and seeds should be sown each year. Pkt., 10c.

PENTSTEMON. (Beard-tongue.)

Highly useful and attractive hardy perennials, and much used in the hardy border.

2640. Digitalis (Foxglove Pentstemon). Spikes of white flowers, with purple throat, during July and August. Pkt., 5c.

2641. Pubescens. Spikes of bright rosy-purple flowers in July and August. 1½ ft. Pkt., 5c.

2642. Pulchellus hybridus. A new hybrid, forming pyramidal bushes 2 to 3 ft. high, with erect branches thickly set with flowers, 1½ in. long, varying in all shades from rosy-white and chamois to purple and violet, with pure white or veined throats. Pkt., 10c.

2645. Mixed. A great variety of kinds and colors. Pkt., 5c.

Pentstemon, Vaughan's—New Large Flowering.

2646. This is a much improved strain of these beautiful flowers. The flowers are large, very numerous, in shape like a Gloxinia and are borne on long stems. In color they vary from pure white, pink, rose and crimson to mauve and purple, including many which are beautifully edged with a fine contrasting color. If this seed is sown in January, February or March, in a fairly warm place, the plants will bloom in Summer and Fall—splendid cut flowers, also suitable for pot culture. Height, 2 ft. Pkt., 25c.

VAUGHAN'S SPECIAL

Physalis Francheti. **(Chinese Lantern Plant.) 2775.** This handsome Chinese Plant is as easily grown from seed as a tomato, but is perfectly hardy outside over Winter. It produces a large number of balloon-like husks, 3 to 3½ in. across. At first these are a bright green, then light to bright yellow, then orange and scarlet. They greatly resemble in this last stage miniature Chinese lanterns when lighted. Pkt., 10c.

Physostegia. (False Dragon Head.) **2776. Virginica.** One of the prettiest hardy perennials, forming dense bushes 3 to 4 ft. high, and bearing freely during the summer months spikes of delicate pink tubular flowers. Pkt., 5c.

2777. Virginica Alba. White. Pkt., 10c.

Platycodon. (Chinese Bell Flower.) One of the best hardy perennials, producing very showy flowers during the whole season. They form large clumps, and are excellent for planting in permanent borders or among shrubbery; easily raised from seed.

2780. Grandiflorum. Large steel-blue flowers. Pkt., 5c.

2781. Album. Pure white variety. Pkt., 5c.

2782. Mariesi. Large, open, bell-shaped flowers of a rich violet blue; plant dwarf and compact. Pkt., 10c.

2783. Mariesi, White. 2784. Double Blue. 2785. Double White. Each, pkt., 10c.

Polyanthus. (Primula Elatior.) Showy, early spring, free-flowering plants, fine for either pot or outdoor culture; hardy perennials; 9 in.

2790. English. The best single, all colors mixed. Pkt., 5c.

2791. Gold Laced. Very showy and attractive. Pkt., 10c.

2792. New Large-Flowering. The flowers are very large, measuring from 1½ to 2 in. in diameter, are borne on stout stems 10 to 12 in. in length; the leaves are larger than those of the type and the colors are richer and more varied; they are dark red, white, pink, red, yellow, etc. Pkt., 15c.

PETUNIAS.

Types of "Vaughan's Best" Single Petunias.

For freedom of bloom, variety of color, ease of culture and effectiveness, these rank with the Asters, Phlox and Verbenas. If only a little care is bestowed upon them, Petunias will produce their handsome, sweet-scented flowers in their delicate and gorgeous colors throughout the whole summer.

Small Flowering Petunias.

LARGE FLOWERING SORTS.

2560 Large-Flowering Single Petunias. An extra choice mixture. **Pkt.** (120 seeds), **15c; 2 for 25c.**

2561 Large-Flowering Fringed Sorts. (Fimbriata.) A superb strain of elegant, finely fringed flowers, measuring over 4 in. in diameter; remarkable brilliancy and variety of color. **Pkt.** (175 seeds), **20c.**

2562 Giants of California. The flowers are very large and the colors embrace every conceivable shade of crimson, white, violet, lavender, etc. **Pkt.** (200 seeds), **25c.**

2563 Queen Louise. Flowers of immense size, 6 in. and over in diameter, of a rich velvety crimson color, with broad white margin and deep yellow throat. A very striking sort. **Pkt., 25c.**

2564 German Empress. Flowers of gigantic proportions, color light lavender with veins of a rich velvety purple. A magnificent sort. **Pkt., 25c.**

2565 Quadricolor. Very large; the color is a most pleasing rose. The flowers are veined for two-thirds of their surface with a network of lustrous carmine, which merges into a deep blood-red towards the expansive throat. **Pkt., 25c.**

2566 Rose Queen. Mammoth-sized flower, beautiful marbled rose on white ground with striking veining of the deep crimson in the wide-open throat. **Pkt., 25c.**

DOUBLE PETUNIAS.

2575 Vaughan's Mixture of Double Petunias. This is a mixture of the best large-flowering and fringed double Petunias. Seed is saved from plants grown in pots, carefully fertilized, and will produce grand flowers. Of course, everyone knows that only a certain percentage of double flowers may be expected from seed, but our mixture will produce from 20 to 30 per cent of doubles, while the remainder will be choice, large single flowers. The weaker seedlings should be carefully saved, as these invariably produce the finest double flowers. **Pkt.** (200 seeds), **30c.**

2576 Imported Collection Double Petunias, 6 varieties, 75c.

SMALL FLOWERING PETUNIAS.

While the flowers of this section are not as large as those of the Large-Flowering types, they will produce from 3 to 5 times as many and are therefore better adapted to bedding where a continuous and bright color effect is desired.

2580 Rosy Morn. One of the most effective and valuable of the small-flowering class, which class has gained a well merited reputation not only for its rich and lasting florescence but for its easy culture and adaptability either to pot plants, indoor decoration or outdoor bedding. The plants grow thick and spreading like a bush and remain fairly dwarf. Flowers are a brilliant rose color, with large white throat. **Pkt., 10c.**

2581 Norma, see novelties.

2582 "Baby-Blue" (Sylvia). Owing to its dwarf compact growth this is one of the most satisfactory plants to grow in solid masses. It begins to bloom when only a few inches in height and flowers profusely until plants are killed by frost. The flowers measure only from 1 to 1½ in. across, and are a soft reddish purple, but when seen en masse in strong sunlight from a little distance appear a lovely blue. **Pkt., 10c.**

2583 Meteor. The plants are dwarf and of very even growth; they are covered with a great number of rich, velvety crimson flowers throughout the entire summer. **Pkt., 10c.**

2584 Butterfly. An excellent mixture of small-flowering Petunias; plants are dwarf and compact; bloom all the time until late in fall; all the flowers are white-throated, which gives a bed of them a very lively appearance. **Pkt., 10c.**

2585 Snowball. The flowers are purest snow-white, of good shape and size, sweet-scented and lasting. **Pkt.,** (250 seeds), **10c.**

2590 VAUGHAN'S SPECIAL MIXTURE DWARF PETUNIAS, includes the 6 varieties. **Large pkt., 15c; 2 for 25c.**

2591 Blotched and Striped. Flowers with star-shaped blotches of symmetrical form; fine for bedding and window boxes. **Pkt., 5c; ⅛ oz., 20c.**

2592 Howard's Star. Rich velvety maroon with a white blotch on each petal. One of the most attractive Petunias for bedding, vases, window boxes, etc. Blooms all the time. **Pkt., 10c.**

2595 Petunia, Finest Mixed. A choice strain, including many of the large flowering varieties. **Pkt., 10c; ⅛ oz., 35c.**

2596 Petunia, Good Mixed. Many colors. **Pkt., 5c; ⅛ oz., 20c.**

ANNUALS FOR CUT-FLOWERS.

Low Growing Varieties.

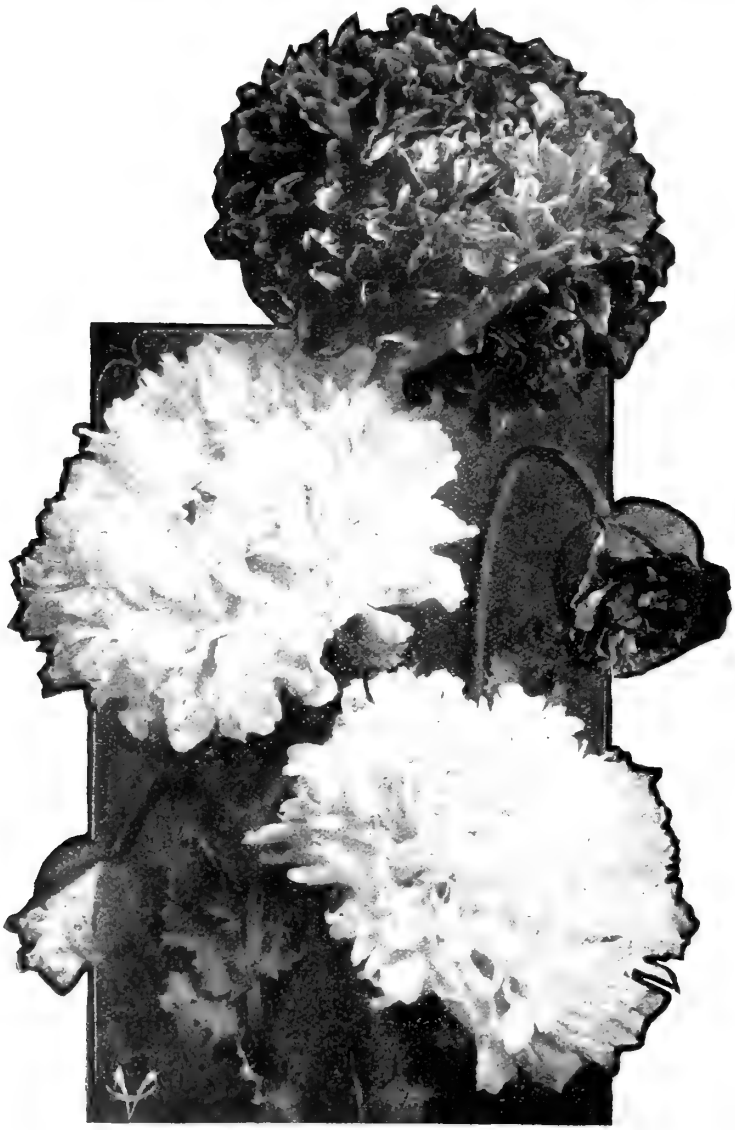
Alyssum, Nasturtium, Mignonette, French Marigold, Petunia, Candytuft, Ten Week Stocks, Verbena, Pansy, Dwarf Asters, Calendula, Phlox

Tall Growing Varieties.

Asters, Bachelor's Button, Centaurea, Cosmos, Tall Nasturtium, Sweet Peas, Gypsophila, Calliopsis, African Marigold, Poppy, Nicotiana.

"VAUGHAN'S BEST" MIXTURE OF LARGE FLOWERING PETUNIAS.

2570. This mixture is made by ourselves and includes, besides the Giant Ruffled, and the California Giants, all the colors of the Large-Flowering and Fringed sorts and the unsurpassed Superbissima varieties, with their delicately veined throats in various colors, and their truly mammoth flowers. We are positive that no other Petunia mixture can produce flowers with as wide a range of colors as "VAUGHAN'S BEST." **Pkt., 25c; 3 pkts. for 65c;**



Vaughan's Giant Poppy.

Santa Rosa Poppy.

POPPIES, *Perennial Varieties.*

Tall, large-flowered and showy; effective among shrubs. Average height, 2 to 4 ft.

2800 Bracteatum. Scarlet; 3 ft. **oz., 50c; pkt., 5c.**

2801 Orientale. 3 ft. Enormous flowers of deep flashing scarlet; entirely hardy anywhere. **Pkt., 10c.**

2802 Orientale, Mixed Hybrids. Finest shades. **Pkt., 10c.**

2803 New Oriental Hybrids. See novelties.

2804 New Oriental Princess Victoria Louise. See novelties.

2805 Alpinum Laciniatum (New Hardy Alpine Poppy). The plants grow in low tufts producing many slender flower stalks bearing lovely flowers in white, salmon, rose or orange. The petals are laciniated, fluted and fringed. **Pkt., 15c.**

Iceland Poppies.

2808 These Poppies produce flowers the first year from seed. The colors range from the purest white to the deepest orange scarlet and have a delicious fragrance. Excellent for vase and house decorations. **Mixed colors, pkt., 10c; ⅛ oz., 20c.**

2809 Yellow. 2810 White. 2811 Orange Scarlet. 2812 Striped. Each, pkt., 10c.

2814 Double Iceland Poppies. Mixed. **Pkt., 15c; 2 pkts. for 25c.**

2815 Iceland Poppies. New Hybrids. See novelties.

DOUBLE ANNUAL VARIETIES.

Vaughan's Giant Poppies.

30-36 in. These Poppies are very handsome. The flowers grow to an enormous size, from 6 to 7 in. in diameter, are as double as Peonies and the colors are very rich and striking.

2820 Double Pure White.
2821 " Pink.
2822 " Cardinal-Red.
2823 " Yellow.

Each per **pkt., 10c.** One pkt. each of the four sorts for **25c.** **Per ½ oz., each, 20c; oz., 35c.**

2824 White Swan (18 in.). Flowers of enormous size, perfect form, double, and purest white. **Pkt., 5c; ½ oz., 10c.**

2825 Golden Gate. Exceedingly free blooming, the flowers single, semi-double and double, of medium size and largest variety of colors. **Oz., 25c; pkt., 5c.**

2826 Double Carnation Flowered. Of large size and a variety of colors. **Pkt., 5c; oz., 15c.**

2827 Peony Flowered. Flowers in size equal to Peonies; mixed. **Pkt., 5c; oz., 15c.**

2830 Fairy Blush. The flowers have the effect of a large, white feathery ball, overcast with a rosy shade. **Pkt. 5c;**

2832 Marion. See novelties.

2834 American Flag. Beautiful variety; flowers very large and double, snow-white, bordered with scarlet. **Pkt., 5c; per oz., 25c.**

2835 "Mikado" (The Striped Japanese Poppy). This beautiful Poppy is very distinct. The flowers are brilliant scarlet and white with elegantly curved petals, like a Japanese Chrysanthemum. **Oz., 25c; pkt., 5c.**

VAUGHAN'S SPECIAL MIXTURE OF DOUBLE POPPIES.

2840 This includes all the above sorts, and will produce the most charming flowers in an endless variety of colors. **Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 70c; lb., $2.00.**

SINGLE ANNUAL VARIETIES.

The "Santa Rosa," New Poppy.

Our growers, who sow Poppy seed by the acre, say:—Your "Santa Rosa" is an exceptionally fine mixture of Shirley Poppies, by far the best we have seen.

2841 We introduced this famous Poppy in 1904, having purchased Mr. Burbank's entire stock. It is a new strain of Shirley Poppies, originated and improved by Luther Burbank. This strain combines all the delicate beauty in color of the original Shirley and Shirley types, and with these the whole flower in all of its petals is beautifully crimpled **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., $1.25.**

Shirley, Silk or Ghost Poppies.

2842 Our strain is one of great excellence, and many beautiful new forms will be found in it. If gathered while the dew is on them, and before sunshine, they will last two days in water. **Pkt., 10c; ¼ oz., 15c; oz., 35c.**

2843 Danebrog, or **Danish Cross.** Very showy variety, producing large flowers of brilliant scarlet, with a silvery-white spot on each petal, forming a white cross. **Oz., 15c; pkt., 5c.**

2845 The Tulip Poppy. The perfect and striking flowers are intensely vivid in color; the two outer petals form a tulip cup; after a while deep black spots appear at the base of each petal. **Pkt., 10c; ½ oz., 25c; oz., 45c.**

2846 Persian. Dark scarlet, black spots. **Pkt., 5c; ¼ oz., 10c.**

2847 The Bride. A beautiful variety with very large, pure white, perfectly formed flowers. **Oz., 15c; pkt., 5c.**

2848 Umbrosum. Richest vermilion, with a deep, shining black spot on each petal. **Oz., 25c; pkt., 5c.**

2849 The English Scarlet Field Poppy. This is the kind that grows wild in Europe, in rye fields, together with the blue cornflower. **Pkt., 5c; ½ oz., 15c; oz., 25c. 2850 Admiral.** See novelties.

VAUGHAN'S SPECIAL MIXTURE OF SINGLE POPPIES.

2854 This mixture includes all the above choice Poppies as well as the varieties listed in the novelties and many other kinds. It is really extra choice. **Pkt., 10c; ½ oz., 15c; oz., 25c; 2 oz., 40c; ¼ lb., 70c.**

VAUGHAN'S SPECIAL POPPY MIXTURE, Double and Single.

2855 Comprises not only all the Double and Single Poppies described, but also a number of other sorts specially purchased for this mixture, including some entirely new ones. Will make a grand display. **Pkt.** (500 seeds), **10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c; lb., $2.50.**

VAUGHAN'S ANNUAL PHLOX.

Vaughan's Annual Phlox.

THE Phloxes are certainly among the showiest and most easily managed of all the hardy annuals. From June until October they maintain an endless display of brilliant and varied colored flowers. A fine effect is obtained by planting the beds with different colors so they harmonize. The plants will be more bushy and cover the bed better if pinched back while small. For early plants, seed should be sown in boxes in the house, or sown in the open ground as soon as the weather will permit. Sow seed in the border or in the vegetable garden if wanted for cutting.

LARGE FLOWERING VARIETIES.

The large-flowering kinds are a decided improvement on the Drummondi, producing flowers twice the size of the latter, in the most brilliant colors imaginable.

2710. Alba. Pure white, extra large.

2711. Intense Scarlet.

2712. Bright Rose, striped white.

2713. Rosea. Pink, white eye.

2714. Large Yellow. A very fine color; quite novel and distinct; fine flower.

2715. Scarlet Striped. Beautiful.

2716. Purpurea, rich blood-red.

2717. Black Brown. The darkest of all.

2718. Stellata Splendens. Clearly defined white star, contrasting strikingly with the vivid crimson of the flowers.

2719. White, with claret eye.

2720. Blue, white eye, very beautiful.

2721. Cream Color, new, soft color.

2722. Sky-Blue, striped white.

2723. Dark Salmon-Rose.

2724. Violet Blue, with large eye.

2728. "Gold Star." One of the most distinct of the annual Phlox. The flowers are a lovely rose-pink, each having a clear golden yellow star in the center.

Any of the above, **per oz., $1.00; ¼ oz., 30c; per pkt.** (100 seeds), **10c; any 6 for 40c.**

2730. Large Flowering Phlox in Splendid Mixture. Includes all the above and many other shades and colors. **Oz., 75c; ¼ oz., 25c; pkt.** (250 seeds), **10c.**

2731. Imported Collection of 6 colors, **25c.**

2732. Imported Collection of 12 colors, **50c.**

STARRED AND FRINGED.

The flowers have a most distinct and star-like appearance, their attractiveness being enhanced by white margins which border the petals.

2735. Starred and Fringed. Mixed. **Pkt.** (150 seeds), **10c; ⅛ oz., 20c.**

2736. Star of Quedlinburg. Extra choice mixed. **Pkt.** (150 seeds), **5c.**

LARGE FLOWERING DWARF.

In this new type we have the happy medium, combining the size of the individual flower and head of the finest Grandifloras with the dwarf, compact growth of the Nana Compacta sorts; altogether a perfect combination, and one that will recommend itself to all who wish bright, cheerful beds or borders for the longest possible time with the least trouble.

2738. Brilliant Rose.

2739. Pure White.

2740. Fiery Scarlet.

2741. Finest Mixed Colors.

Each, **pkt., 10c;** one packet of the 3 colors for **25c.**

DOUBLE FLOWERING.

A very desirable class. Flowers are double and semi-double, and last much longer than those of the single Phlox.

2742. Double White.

2743. Double Scarlet.

2744. Double Yellow.

2745. Double Mixed.

Each, per pkt., 10c.

DWARF SORTS.

(Phlox Drummondi Nana Compacta.)

These are much superior to the other Phloxes for ribbon bedding or borders. The plants grow very symmetrical in neat little bushes, about 8 inches high, covered with flowers during the whole Summer and Fall.

2750. Snowball. Flowers pure white; the plants resemble large snowballs when in full bloom. **Pkt., 10c; per ⅛ oz., 35c.**

2751. Fireball. Glowing, brilliant scarlet. **Pkt., 10c; per ⅛ oz., 35c.**

2752. Snowball and Fireball. One pkt. each for 15c.

2753. Dwarf Sky-Blue with white eye. **Pkt., 10c.**

2756. Dwarf Phlox in choicest mixtures. Pkt., 10c; ⅛ oz., 25c.

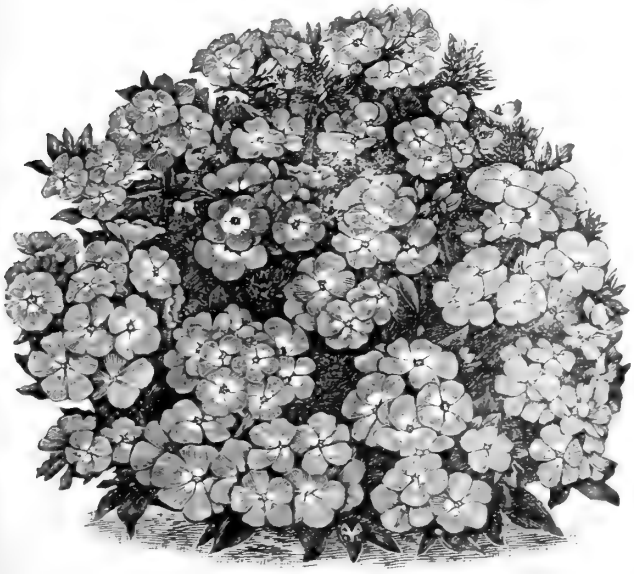
2760. Phlox Drummondi. Many colors mixed. **Lb.,$5.00; oz., 50c; ¼ oz., 15c; pkt.** (150 seeds), **5c.**

HARDY PHLOX.

(Phlox Decussata.)

2763. These rank among the finest herbaceous plants for beds or borders. The seed of this should be sown at once on receipt; it germinates very slowly, often requiring 5 to 6 months. Mixture of finest sorts. **Pkt., 10c.**

2764. Newest large-flowering sorts of Hardy Phlox, mixed. **Pkt., 20c.**



New Large Flowering Dwarf Phlox.

VAUGHAN'S SPECIAL PHLOX MIXTURE.

2761. Contains all the above varieties and several other strains only to be had in this mixture, and will delight and astonish all with its extensive variety of colors. Over 30 different shades will be produced from a single package. A bed of Phlox Drummondi in assorted colors makes a grand display all summer. The most liberal offer ever made. **Pkt.** (250 seeds), **15c; extra large pkt.** (⅛ oz.), **25c; ¼ oz., 40c.; 1 oz., $1.50.**

NEW "EMPEROR" SALPIGLOSSIS.

2960 The new Emperor strain is a very great improvement on the older type in its increased size of flowers, their improved shape and larger variety of colors, and more than all else in their singularly beautiful veinings of gold. These are the only flowers, to our knowledge, that show a glint of gold in their coloring. **Pkt.** (250 seeds), **10c; ⅛ oz., 20c.**

2961 Salpiglossis. Large flowering sorts in splendid mixture. **Pkt., 5c; ¼ oz., 20c.**

SALVIA, Scarlet Sage.

A hedge of these beautiful Salvias is a sight to behold. They are a blaze of color the whole summer and fall.

FRINGED DOUBLE PRIMROSES.

These are large, double, fringed flowers of many colors—showy and beautiful. Our seeds are first-class, and a large proportion of the plants will produce double flowers.

2884 White. 2885 Red. 2886 Striped. 2887 Pink. 2888 Mixed. Each, pkt. (20 seeds), **10c.**

VAUGHAN'S INTERNATIONAL CHINESE PRIMROSE MIXTURE.

2880 The culture of these lovely flowers is much easier than most people think. Every one can have a nice collection of them by following the cultural directions printed on each package. Our mixture includes not only all the choicest colors of the single flowering Primulas in all their dainty shades, but it comprises also seed saved from hybridized flowers and will produce a number of double flowers and the new blue Primula. **Pkt.** (100 seeds), **15c; 2 for 25c.**

2881 Chinese Primroses. A very good mixture. **Pkt.** (50 seeds), **5c.**

Primula Obconica. (*New Large Flowering Hybrids.*) **2890** This is one of the most useful flowering plants. If sown early in spring the seedlings will commence to bloom in May or June and continue to flower throughout the whole year. The flowers are of a soft lilac, pink, rose, lavender or crimson and very charming. It is one of the most useful Primulas for pot culture, and also succeeds well in the open border during the summer months. **Pkt.** (100 seeds), **10c.**

2891 Primula Obconica. Pkt. (100 seeds), **5c.** See Novelties.

Primula Forbesi. (*The "Baby" Primrose.*) **2900.** This is one of the prettiest pot plants. It begins to bloom in three months after sowing and continues to produce flowers for ten months in succession. The flowers are very graceful, not quite an inch across, and are of a most pleasing rose color, with a yellow eye. They are borne on erect stems 10 to 12 in. high in tiers, and remain fresh for over a week after being cut, new buds opening every day. **Pkt.** (100 seeds), **10c.**

HARDY PRIMROSES.

These are among the best of the early spring-blooming plants. With a slight protection they will stand the winter, but will do better if protected by a cold frame.

2902 Cortusoides Amoena (Sieboldi). Charming variety, blooming about Easter; mixed colors. **Pkt., 20c.**

2903 Japonica (Japanese Primrose). Bright and showy flowers, borne in whorls on stems 6 to 9 in. long; mixed colors. **Pkt., 10c.**

2904 Vulgaris (English Primrose). Flowers fragrant, canary-yellow color. **Pkt., 10c.**

PYRETHRUM. (*Feverfew.*)

The Feverfew is an old-fashioned flower, always popular for bouquets.

2926 Aureum (Golden Feather). **Pkt., 5c; ¼ oz., 20c.**
2927 Selaginoides. Fern-leaved. **5c.**

NEW GIANT PYRETHRUMS. (*Pyrethrum Roseum Hyb. Grandiflorum.*)

2930 The flowers of this new strain grow to the enormous size of 12 in. in circumference and present all the beautiful variations of color between light pink, rose and deep carmine. They are splendid cut flowers and equally valuable in borders. The plants are perfectly hardy and increase in size from year to year. **Pkt., 15c.**

2931 Hybridum. H. P. 2 ft. Large-flowering single mixed. Bears large Aster-shaped flowers ranging in color from light pink to deep red, with bright yellow centers. **Pkt., 5c.**

2932 Hybridum Fl. Pl 1½ ft. Large-flowering double; seed saved from a celebrated collection; mixed colors. **Pkt., 35c.**

2933 Uliginosum (Giant Daisy). H.P. 3-4 ft. From July to September is literally hidden beneath the multitude of large white daisy-like flowers. **Pkt., 10c.**

RUDBECKIA. (*Cone-Flower.*)

2940 Bicolor Superba. 2 ft. Fine free-flowering annual variety forming a dense bush and producing in great abundance on long stems its bright flowers. The disc is brown, the florets golden-yellow, with large velvety-brown spots at the base; very effective and useful for cutting. **Pkt., 10c.**

2941 Bicolor superba semiplena. Semi-double flowering form of the above, equally showy and useful for cutting. **Pkt., 10c.**

2942 Newmani. One of the finest of autumn-flowering perennials, bearing large flowers. Bright orange-yellow petals, surrounding a large black cone; a showy flower. **Pkt., 15c.**

2943 Purpurea (Giant Purple Cone-Flower). One of the most interesting hardy perennials, producing from midsummer until late autumn large, showy, reddish-purple flowers; about 4 in. across; a remarkably large cone-shaped center of brown; thickly set with golden tips in spiral lines. **Pkt., 15c.**

SCARLET SAGE. (*Salvia.*)

The Salvia Splendens, or scarlet sage, is a standard bedding plant that keeps the garden bright with color until late in autumn. This plant lends itself to many uses: it makes a good pot plant, does well in window boxes, and is useful for cutting to give color. Its best use, however, is as a hedge or border plant, where long, broad bands of intense color are desirable.

2970 Drooping Spikes. This new, large-flowering Salvia (Scarlet Sage), has three times the flowering capacity on each spike of the ordinary Salvia Splendens. The flowers are produced in great numbers, causing the spikes to droop by their weight. It is one of the most desirable plants for decorative purposes if planted either singly, in groups or with other plants. The flowers are of the most brilliant, dazzling scarlet, produced in endless profusion and until late in the fall. **Pkt.** (75 seeds), **10c; 3 for 25c; ⅛ oz., 40c.**

2971 Clara Bedman. (Bonfire.) The plants form handsome globular bushes about 2 ft. in diameter. The spikes grow erect and stand clear above the foliage, completely covering the plant and are of a most brilliant dazzling scarlet. **Pkt., 10c; per ⅛ oz., 50c.**

2972 Fireball. See Novelties. **2973 Zurich.** See Novelties.
2974 Splendens. Large flowering Scarlet Sage. **Pkt., 5c; ¼ oz., 30c.**
2980 Scarlet Sage, Mixed. The above sorts. **Pkt., 10c; ⅛ oz., 35c.**

OTHER SALVIAS.

Salvia Farinacea. (*The Silver Sage.*) **2981** It appears to run altogether to flower, hundreds upon hundreds of tall spikes of silvery lavender blooms rising from a dense mass of foliage during the entire season. Far handsomer is it indeed than almost any bedding plant we know of—there being no other of this color grown. As isolated specimens it is also very showy. Its lasting and graceful sprays were greatly admired when shown at our last Exhibition. **Pkt.** (100 seeds), **10c.**

2982 Coccinea. Annual Scarlet Sage. **Pkt., 5c; ¼ oz., 15c.**
2983 Patens. The purest and brightest blue of all. **Pkt.** (15 seeds), **10c.**
2984 Argentea. Silver white foliage. **Pkt., 5c.**

Cut-and-Come Again Stock.

Saponaria. (*Bouncing Bet.*) **2992 Caucasia Fl. Pl.** A hardy perennial of easiest culture, producing all summer double, blush white, fragrant flowers. **Pkt., 10c.**

SCABIOSA OR MOURNING BRIDE.

Elegant cut-flowers, keep long, are very handsome and the colors are exceedingly fine; some flowers are **almost black.**

3000 Snowball. Of purest white and **very double.** This plant is sure to be liked for vases and bouquets. **Pkt., 10c; 3 for 20c.**
3001 Golden Yellow. Fine pure yellow color. **Pkt., 5c.**
3002 Black Prince. The flowers are **nearly black. Pkt., 5c.**
3003 Double Fiery Scarlet. Pkt., 5c.
3004 Double Pink. Pkt., 5c.
3005 Double Mauve. Pkt., 5c.
3006 One pkt., each of the above 6 for 25c.
3009 Large Flowering Scabiosa. Flowers average 3 in. across, very double; valuable for bouquets. Height 3 ft. Many colors mixed. **Pkt., 5c; ½ oz., 15c.**
3010 Dwarf Double. All colors mixed; 2 ft. **Oz., 20c; pkt., 5c.**
3015 Caucasia. A beautiful hardy perennial; flowers soft lavender. 3 ft. **Pkt., 10c.**
3016 Caucasia Alba. White. **Pkt., 15c.**

Schizanthus. **3030 An easily grown plant, bearing quantities** of gay, butterfly-like flowers, beautifully marked and spotted; closely resembling some species of Orchids. For winter blooming in pots the Schizanthus is one of the most desirable of all flowers **Pkt., 5c.**

3031 Wisetonensis. This variety is largely used as a pot plant for the house or conservatory. It is remarkably free-flowering, and presents a beautiful appearance with its myriads of blooms, the ground color of which is white dotted with delicate rose, with a large spot on the upper lip varying in shade between golden-yellow, carmine, rose and light brown. **Pkt., 25c.**

3035 Sedum, or Stone Crop. H.A. 4 in. **Pkt., 5c.**

Sensitive Plant. See Mimosa.

Smilax. **3050** Makes a fine pot plant for fall and winter. Sown in spring, is ready in autumn. **Pkt., 5c.**

Solanum. (*Jerusalem Cherry.*) **3055** T.A. 2 ft.– Easily grown plants with ornamental fruit. Especially fine for pots remaining beautiful a long time. The fruit is about the size and color of a cherry. **Pkt., 10c.**

Statice. (Sea Lavender). **3070 Latifolia.** H.P. 15 in. Most valuable plants either for the border or rockery, with tufts of leathery foliage and immense panicles of minute deep blue flowers, producing remarkable effect; blooms from June until September. **Pkt., 10c.**

Stevia Serrata. **3075** Very pretty perennials. Flowers white, star-shaped, leaves fragrant. 2 ft. **Pkt., 5c.**

STOCKS. (*Leokojen.*)

Stocks are among the finest annuals. The seed will germinate in from 3 to 5 days, and the plants commence to bloom in about 10 weeks, and continue until frost. Give good, rich soil and good cultivation to get double flowers.

CUT-AND-COME AGAIN 10-WEEKS STOCK. (*Giant Perfection.*)

Splendid perpetual-blooming class; sown in March or April they begin flowering in July, continuing until frost, and are especially valuable during September and October when other flowers are scarce; they throw out numerous side branches, all bearing very double, fragrant flowers; excellent for cutting.

3085 Princess Alice. Snow-white.
3086 La France. Silvery rose.
3087 Brilliant. Fiery blood-red.
3088 Sapphire. Dark blue.
3089 Creole. Creamy yellow, extra fine.
3090 May Queen. A delicate shade of lilac.
Any of above, pkt., 10c; any 3 for 25c.
3094 Cut and Come Again, mixed, all the above. **Pkt., 10c; ⅛ oz., 40c.**
3095 Imported Collection, 6 colors, **50c.**

LARGE FLOWERING 10-WEEKS STOCK.

3100 Pure White. **3103 Crimson.**
3101 Brilliant Rose. **3104 Purple.**
3102 Light Blue. **3105 Canary Yellow.**
Any of above, per pkt., 10c; any 3 for 25c.
3108 Large Flowering. Best mixed. **10c.**
3109 Fine Mixed. Pkt., 5c.
3110 Imported Collection. 12 colors. **60c.**
3111 Imported Collection. 6 colors. **30c.**
3112 Princess Henry, see novelties.
3115 Snowflake. A dwarf variety with large double snow-white flowers; fine for pot culture. **Pkt., 15c.**
3116 Empress Elizabeth. A splendid winter stock, 18 in. high, with very strong main stem, branching out in candelabra form. Both main and side stems are covered with large double rose-shaped flowers of bright carmine-rose color. **Pkt., 15c.**
3117 Fire Flame. Ever-blooming, resembling red garnet flame. **Pkt., 10c.**

Beauty of Nice. 24 in. A handsome new winter stock of quick growth, flowers of large size. The color is a very pleasing soft pink. Seedlings will bloom in 10 weeks.
3120 Pink, pkt., 10c. **3121 Pure White, pkt., 10c.**
3122 Queen Alexandra, delicate rosy lilac, pkt., 15c.
3123 Almond-Flowered, new, pkt., 20c.
3124 Crimson King, new, pkt., 10c.
3127 Beauty of Nice Stock, the above colors, mixed, pkt., 15c.
3129 Brompton. Half-hardy biennial, bushy plants, producing beautiful double flowers; mixed colors; 2 ft. **Pkt., 10c.**

VAUGHAN'S "SPECIAL MIXTURE" OF TEN WEEKS' STOCKS.

3130. Includes all the above sorts, and some novelties not listed here. **Pkt., 15c; 2 for 25c.**

STOKESIA, CORNFLOWER ASTER.

3135 Cyanea. This is not new, but is a rare and beautiful hardy perennial, about 2 ft. high, bears from 20 to 30 handsome lavender blue corn-flower-like blossoms; in bloom from July till frost. Choice for the hardy border and for cutting. **Pkt., 10c.**
Cyanea Hybrids. See novelties.

STREPTOCARPUS, VAUGHAN'S GIANT HYBRIDS.

3137 Streptocarpus are everblooming house plants of great beauty. The seed should be sown before March 20, and plants will bloom in July, and if the seed pods are removed as they appear the plants will bloom all winter. These Giant Hybrids are the best that exist in Streptocarpus and will produce flowers two or three times larger than those of the ordinary strain and in larger variety of colors, ranging from pure white through lavender, purple, violet, red and rose. **Pkt., 25c.**

SUNFLOWERS.

New Hybrid, Helianthus Cucumerifolius. "Cut and Come Again."
3150 New types. These improved, branching single Sunflowers are exceedingly popular for the garden and for cut flowers. Bushes 3 to 4 feet high, bearing from base to summit a continuous succession of flowers from June until frost. Flowers 3 to 4 in. across, borne on long stems in a few weeks from seed. **"Cut and Come Again" Sunflowers, Mixed.** All colors and types. **Pkt., 10c; oz., 20c.**
3151 Many-Flowered Double Sunflower. Grows 4 feet high and produces a strikingly ornamental and symmetrical large double flower on the top of the stalk and one with short stem on each leaf joint. **Pkt., 5c; ½ oz., 15c; oz., 25c.**
3152 Californicus Fl. Pl. Extra large, double. **Pkt., 5c; oz., 10c.**
3153 Double Dwarf. 2½ ft. Flowers very double; rich golden yellow. **Pkt., 5c.**
3154 Globosus Fistulosus. Flowers immense, from 12 to 15 in. in diameter. Globular and extremely double, the most effective of all annual sunflowers. **Pkt., 5c; oz., 10c; 2 oz., 15c.**
3155 Mammoth Russian. Of gigantic dimensions, both flowers and stalk. **Oz., 5c.**
3156 Mixture of Many Double Varieties. Pkt., 5c; oz., 15c.

VAUGHAN'S SPECIAL SUNFLOWER MIXTURE.

3157. All above rare and beautiful kinds mixed in proportion. You will be delighted with them. **Pkt., 10c; oz., 25c.**

Swainsonia Alba. **3175.** Grown extensively as a cut flower; in graceful sprays loaded from tip to base with large pure white, waxy, sweet-pea-like flowers; beautiful green acacia-like foliage. Grows quickly from seed. **Pkt., 10c.**

Sweet Violets. **3176 The Czar.** Large flowering, blue. **Pkt., 10c.**
3178 Blue Sweet Violet. The old-fashioned sort. **Pkt., 10c.**

SWEET PEAS.

CULTURAL NOTE.

Sow in new ground as soon as it can be worked, except the white-seeded sorts, which should not be sown until the ground is comparatively warm and dry.

PRICES. **All others at uniform price of 5c per pkt.; any three 5c packets, 10c; any seven pkts. for 20c; 10c per oz.; any four ounces for 25c; any seven ounces for 40c.** Except where otherwise priced, each variety is sold at **20c per ¼ lb.; 60c per lb.,** postpaid. By express, not prepaid, **50c per lb.,** except where noted.

We strongly advise the planting of Sweet Peas in colors, being much more satisfactory. We can furnish neat wooden painted labels, which are wired and can be fastened to stakes or wire netting, at 20c per 100.

Note—If any of our customers are familiar with a name of a variety that does not appear here, and will write us for it, we can probably send precisely the same shade of color in an improved variety under one of the names we list here. The star (*) indicates our choice of the best varieties in each class.

WHITE.

WHITE SPENCER. See Novelties.
4044. EARLIEST WHITE. One of the earliest varieties.
***4037. DOROTHY ECKFORD.** The new white of the largest and best type.
4048. EMILY HENDERSON. A very hardy and free bloomer.
4091. MONT BLANC. Early forcing variety.
NORA UNWIN. See Novelties.
***4139. SHASTA.** Our new large white.
4156. WHITE WONDER. A large double variety.

PALE YELLOW OR PRIMROSE.

***PRIMROSE SPENCER.** See Novelties.
4022. EARLIEST SUNBEAMS. Very early primrose.
***4069. HON. MRS. E. KENYON.** A fine, large, clear primrose.
4094. MRS. COLLIER. A large, very light variety.

LIGHT PINK SHADES.

4000. AGNES JOHNSON. Light pink, buff and cream.
***4017. BRIDESMAID.** Deep carmine at midrib, shading to rose and pink; wings lighter carmine. Medium size, open form. This variety was described before we introduced it as **Deep Katherine Tracy** and has all the characteristics of growth, size and form of **Katherine Tracy,** but is darker.
4028. CORAL GEM. Soft, light creamy pink, self color; medium size, hooded form and inclined to curl. It is similar to **Gracie Greenwood,** and, while it breaks into other shades more or less, it has longer stems and holds its color better.
***GLADYS UNWIN.** See Novelties.
4075. KATHERINE TRACY. Soft pink standards with lighter pink wings.
***FLORENCE MORSE SPENCER.** See Novelties.
MRS. A. WATKINS. See Novelties.
***4114. PRIMA DONNA.** The most popular and satisfactory of all the light pink varieties. A clear, soft pink self color, with shell-shaped standard, of good size, strong and vigorous vine and long stems.

DEEPER PINK SHADES.

***COUNTESS SPENCER.** See Novelties.
4073. JANET SCOTT. Clear pink at the base and shading to buff at the edges.

ROSE AND VERY LIGHT PINK SHADES.

4003. APPLE BLOSSOM. Crimson-pink, shading lighter; wings white, tinted pink.
4015. BLANCHE FERRY. The old favorite.
***4045. EARLIEST OF ALL, or EXTRA EARLY BLANCHE FERRY.** The earliest variety grown. Comes into bloom in eight or ten weeks after sowing the seed. Bright rose standard with white wings.
4057. FLORENCE FRAZER. Standard, bright crimson rose; wings, white tinged with pink. Medium size, open form. Similar to **Blanche Ferry,** except that the stems are longer.

LIGHT PINK SHADED.

***4036. DAINTY.** Clear white, shaded lightly with blush pink and having distinct edgings of bright but soft pink.
***4085. LOVELY.** Both standard and wings have a blotch of deep pink at the base, shading to a delicate flesh tint at the edges.

ORANGE PINK SHADES.

***4005. AURORA.** White, with stripes and flakes of orange-pink.
***BOLTON'S PINK.** See Novelties.
4050. EVELYN BYATT. A crimson-orange self.
***HELEN LEWIS.** See Novelties.
HENRY ECKFORD. See Novelties.

ROSE CRIMSON SHADES.

EARL CROMER. See Novelties.
E. J. CASTLE. See Novelties.
GEO. HERBERT. Spencer type. See Novelties.
***4084. LORD ROSEBERRY.** Bright rose suffused with magenta, showing veins of rose
***4113. PRINCE OF WALES.** A clear rose-crimson, self color, large and shell-shaped.

BRIGHT RED SHADES.

4002. AMERICA. White, striped and flaked with brilliant red. Brightest striped variety.
***4077. KING EDWARD VII (Improved Firefly).**
4115. QUEEN ALEXANDRA. Almost a true scarlet, new.
***4136. SALOPIAN.** A fine, deep rich red variety of shell-shaped form.

LAVENDER SHADES.

4022A. COUNTESS OF RADNOR. Soft lavender tinted with mauve.
***4054. FLORA NORTON.** A new variety, bright sky blue.
***HELEN PIERCE.** Awarded first-class certificate by National Sweet Pea Society of England. See Novelties.
***LADY GRISEL HAMILTON.** See Novelties.
***4095. MRS. GEO. HIGGINSON, JR.** A clear azure blue.

LAVENDER, MAUVE, AND PURPLE SHADES.

4038. DOROTHY TENNANT. Rosy purple, self colored.
FRANK DOLBY. Unwin type. See Novelties.
***MRS. WALTER WRIGHT.** See Novelties.
4128. ROMOLO PIAZANNI. Rosy purple, turning blue with age. A fine, large variety.

LAVENDER AND MAUVE SHADED, COTEE OR EDGED.

4081. LOTTIE ECKFORD. White, shaded with lilac, with a deeper border at the edges.
4087. MAID OF HONOR. White with blue edge.
***PHENOMENAL.** See Novelties.

BLUE AND PURPLE SHADES.

4021. CAPTAIN OF THE BLUES. Purple and blue hooded form.
4035. DAVID R. WILLIAMSON. Purple standard, blue wings.
***4041. DUKE OF WESTMINSTER.** Almost a clear purple.
4138. SENATOR. Pure white, striped and flaked with maroon and violet.

DEEP MAROON SHADES.

4106. OTHELLO (Improved Black Knight). The best of the dark varieties, being very large and of the finest type. It is a deep maroon and particularly of rich velvet effect.

DARK MAROON AND VIOLET SHADES.

HORACE J. WRIGHT. See Novelties.
LORD NELSON. A deep "navy blue." See Novelties.
4103. NAVY BLUE. Indigo and violet, wings violet and bright blue.

CUPID SWEET PEAS.

These are low-growing or dwarf sweet peas, about one foot high and spreading to about two feet in diameter. The foliage is dark green and the stems are short, usually from three to six inches long.

While Cupids exist in all the colors and shades found in the tall varieties, we have listed only the best ones and those that are freest flowering. The descriptions are the same as those of the tall varieties.

4157. WHITE, pure white.
4158. PINK, color of Earliest of All (rose and white).
4159. COUNTESS OF RADNOR, lavender.
4160. PRIMA DONNA, pink.
4161. MIXTURE OF ALL VARIETIES, including those listed and many more besides.

SWEET PEAS IN MIXTURE.

ECKFORD'S LARGE-FLOWERING MIXED. 4163. Contains some of each of the entire list of varieties and cannot fail to give satisfaction. **Per oz., 5c; ¼ lb., 15c; lb., 50c.**
4164. BUSH SWEET PEAS, mixed. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**
4165. DOUBLE SWEET PEAS, mixed. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.**
4166. ALL COLORS MIXED. Twenty varieties. **By mail, oz., 5c; ¼ lb., 15c; ½ lb., 25c; lb., 40c. By express, 5 lbs., $1.40; 10 lbs., $2.50.**

Mixed Sweet Peas in Separate Shades.

A bunch of Sweet Peas of pink or white or dark shades or other colors which harmonize together is much more effective than a similar bunch where all the colors are mixed together. For such as prefer to grow the various colors separate we have prepared the following mixtures out of the finest named sorts:

4171A. PINK SHADES. Light to deep pink.
4172. RED SHADES. Bright rose to dark scarlet.
4173. LAVENDER AND BLUE SHADES. Pale lavender to mauve and heliotrope.
4174. PURPLE AND MAROON SHADES. All the dark colors.
4175. WHITE AND PRIMROSE SHADES. All the delicate tints.
4176. STRIPED SORTS. Various striped combinations.
Price, any of the above, separate shades, 10c per oz.; 25c per ¼ lb.; 75c per lb.
4177. COLLECTION of one ounce each of the six separate shades, **40c.**

Vaughan's Prize Mixture of Sweet Peas. **4170.** This mixture contains the cream of the new and standard sorts. It is made up entirely of new and separate sorts, carefully proportioned as to its composition and we can safely say: **"There is no better general mixture in existence,"** no matter at what price or under what name it may be offered. **Price,** by express, **¼ lb., 30c; lb., $1.00; 5 lbs., $4.00; 10 lbs., $7.00.** By mail, postpaid, **Pkt., 10c; oz. 15c; 2 ozs., 25c; ¼ lb., 35c; lb., $1.10; 2 lbs., $2.00.**

VAUGHAN'S SPECIAL

Vaughan's Giant Sweet William.

SWEET WILLIAM *DIANTHUS BARBATUS.*

A splendid old-fashioned plant, producing its large heads of beautifully colored, sweet-scented flowers in great abundance. It is hardy, easily grown and flowers the second year from seed.

4100. Giant Flowered Single. An improvement on older sorts, both in variety of color and size of flowers and trusses. The single flowers are often simply enormous. Pkt. (100 seeds), 10c; 3 for 25c.

4101. Giant Flowered Double. Like the above it is an improvement on the old-fashioned Sweet William, producing umbels of enormous size on stiff stems and in great variety of shades and colors. The single florets often measure 1 in. in diameter. Pkt. (100 seeds), 10c; 3 for 25c.

4102. SPECIAL OFFER. One pkt. each **4100** and **4101** for 15c.

4106. Single, Many Colors Mixed. Pkt., 5c; ¼ oz., 15c.

4107. Auricula Flowered. A beautiful mixture of single varieties, showing a distinct eye. Pkt., 5c; ¼ oz., 15c.

4108. Double Mixed. Pkt., 5c; ¼ oz., 20c.

4109. Double White. Pkt., 5c. **4105. Double Blood-Red.** Pkt., 5c.

4110. Harlequin. One of the finest varieties. The flower clusters are large, the individual flowers being of various distinct shades. Pkt., 5c.

4115. Sweet William "Special Mixture." All of the above in one packet. Pkt., 10c; 3 for 25c. **(See also Novelties.)**

Thalictrum. (*Meadow Rue.*) Very graceful, pretty-flowered plants, with finely-cut foliage; great favorites for planting in the hardy border.

4200. Adiantifolium. 15-18 in. Finely-cut Maidenhair fern-like foliage and yellow flowers. Pkt., 10c.

4201. Flavum (False Rhubarb). 2-4 ft. Flowers yellow. Pkt., 10c.

Thunbergia. (*Black-Eyed Susan*) **4208.** 4 ft. Beautiful trailing plants for hanging baskets and lawn vases. Flowers flaring, trumpet shaped. Mixed, all colors. Pkt., 5c; ¼ oz., 15c.

TORENIAS.

These are easily started and soon come into bloom, becoming bushy, globular plants 8 to 10 inches high, literally covered with the lovely, richly colored, snap-dragon-like flowers. They are excellent for beds, pot or hanging baskets.

4212. Fournieri Compacta. The flowers are of an exquisite blue. The habit of the plant is very graceful and compact, and they are covered with flowers the whole summer. Pkt., 5c.

4213. Bailloni. Deep yellow. Pkt., 10c.

4214. White Wings. White, light flush of rose at base of throat. Pkt., 5c.

4215. Torenia, Mixed. The above three kinds. Pkt., 10c.

Valerian. **4250. (Garden Heliotrope.)** H.B. 3 ft. Showy, hardy border plants, producing large corymbs of fragrant flowers; fine for bouquets; red and white mixed. Pkt., 5c.

Veronica. (*Speedwell.*) **4395. Spicata.** H. P. 18 in. An elegant, hardy border plant, bearing all Summer, long spikes of bright blue flowers, which lengthen with age. Pkt., 10c.

VERBENA.

Single plants of this pretty annual creeper will carpet a space 3 to 4 feet in diameter with neat foliage and scores of fine flower umbels. For beds, borders, mounds, vases and window-boxes it is particularly fine, and is frequently used for an undergrowth to tall plants like lilies. The plants bloom from early summer until frost.

MAMMOTH VERBENAS.

A carefully selected and improved fine strain of Verbenas. The trusses and individual flowers are of the largest size, of brilliant colors; free-blooming and of vigorous habit. For best results seed should be sown early in the house or hotbed, and transplanted in the beds in May.

4260. White.
4261. Purple.
4262. Scarlet.
4263. Firefly, scarlet, with white eye.
4264. Striped.
4265. Striped on red ground.
4266. Pink and Carmine Shades.

Each of above, pkt., 10c; ¼ oz., 40c.

4270. Vaughan's Mammoth Mixed. Pkt., 10c; ¼ oz., 25c.

THE OLD TYPE VERBENAS.

4271. White.
4272. Scarlet.
4273. Purple.
4274. Striped.
4275. Dark Blue, white eye.
4276. Yellow.

Each of above, pkt., 5c; ¼ oz., 25c.

4280. VERBENA. Many colors, good mixed. Pkt., 5c; ⅛ oz., 10c; oz., 60c.

4281. VERBENA. Extra choice mixed. Pkt., 10c; ⅛ oz., 15c; oz., $1.00.

Dwarf Verbena. This dwarf strain of Verbenas is especially suited for bedding and edging, growing only about 6 in. high, and well branched and covered with flowers, making an even carpet of leaf and blossom.

4285. Dwarf White. Pkt., 10c.
4286. Dwarf Scarlet. Pkt., 10c.
4287. Meteor. See Novelties.
4289. Dwarf Mixed. Pkt., 10c.

VARIOUS VERBENAS.

4290. Sweet-scented Verbena (V. citriodora). An attractive greenhouse shrub, grown for the delightful citron scent of its light green leaves. It is easily grown from seed. Pkt., 10c.

4291. Erinoides (Moss Verbena). Small violet; large bloomer, pretty. Pkt., 10c.

4292. Erinoides, Alba. Dazzling white; large profuse bloomer. Excellent. Pkt., 10c.

4293. Venosa. This variety is largely used for bedding purposes. It is a strong, thrifty grower, about one foot high, and covered from early Summer until late Fall with its bright purplish-heliotrope flowers. Pkt., 5c.

4294. Odorata. Seed can be sown in the open ground early in the spring, where they will be in bloom in a few weeks. The blossoms run up into spikes, usually 3 or 4 inches long. Very sweet scented and pure white. Pkt. (100 seeds), 5c.

The easiest, surest, cheapest and best way to secure thrifty Verbenas, with abundant bloom, is to raise the plants from seed.

Type of "Vaughan's Best" Verbena.

"VAUGHAN'S BEST" MIXTURE OF VERBENAS.

4300. This mixture embraces all that is choice and desirable in Verbenas. It includes the Mammoth Flowered strains of three celebrated Verbena specialists, the dazzling Defiance, the Mammoth Snowball, Purples, Striped and all the Auricula-Flowered varieties with their large umbels of white-eyed flowers, the new Mammoth Red and Pinks, and Howard's "Royal Splendor" Verbenas. We feel perfectly safe in stating that this mixture of Verbenas will eclipse every other strain offered by any other house, and it will produce flowers that will delight all beholders throughout the whole Summer. Pkt. (125 seeds), 15c; extra large pkt., 25c; ¼ oz., 50c; oz., $3.00.

VIOLAS, OR TUFTED PANSIES.

While the Pansy proper is essentially a spring flower, the Violas here offered flower throughout the entire season. Seed sown in spring produce flowering plants by June, and from then on until frost they are a sheet of bloom.

Admirabilis 4308 See Novelties.

4309 Lutea splendens. Rich golden-yellow. Pkt., 10c.

4310 Blue Perfection. Deep blue. Pkt., 10c.

4311 White Perfection. A fine white. Pkt., 10c.

4312 Mixed. A splendid mixture of the best varieties. Pkt., 10c; ¼ oz., 50c.

SPECIAL MIXTURE 4313 See Novelties.

4314 Odorata (Single Sweet Violet). Well-known fragrant spring-blooming plants; seed takes 3 to 6 months to germinate. Pkt., 10c.

Vinca. **(Madagascar Periwinkle or Old Maid.)** Ornamental free-blooming plants; seed must be sown early and then the plants will bloom the first summer. They can be taken up in the fall like Chrysanthemums, potted and kept in bloom through the winter.

4300 Pink. 4301 White with Pink Center.

4302 Pure White. 4303 Mixed Colors. Pkt., each, 5c.

WALLFLOWER.

Gold Lack. Wallflowers should be better known. Their adaptability for pot culture and outdoor bedding and their peculiarly sweet odor, should win favor. They are easily grown, and last long as cut-flowers.

4330 Single. Mixed. Pkt., 5c. **4331 Double sorts.** Extra Mixed. Pkt., 10c.

4332 Annual Wallflowers. Seed sown in the open ground the first of May will commence blooming in July, and if started earlier in the house or in hotbeds, they can be had in profusion from early in June until late autumn. The blossoms are exceedingly sweet-scented. Pkt., 10c; 3 for 25c.

4333 Goliath. A splendid single variety for forcing; flowers of a rich shining red with a black velvety sheen. Pkt., 10c.

Wild Cucumber. **4338** This is the quickest growing climber on our list. Grows wild, self-sown, in many parts of the west. It will grow 30 ft. in one season. It is thickly dotted over with pretty, white, fragrant flowers, followed by an abundance of ornamental and prickly seed pods. For a trellis or pillar no annual vine is more chaste, and it will quickly cover an old tree or an unsightly building. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 40c; lb., $1.50.

Virginia Stocks. 4320 Mixed. Oz., 15c; pkt., 5c.

Viscaria Oculata Candida. 4322 See Novelties.

Zea Japonica Pol. Var. 4345 Japanese Striped Maize. Oz., 15c; pkt., 5c.

Quadricolor Perfecta. 4346 See Novelties.

Wild Cucumber.

Type of Vaughan's Giant Flowered Zinnia.

ZINNIA. *(Youth and Old Age.)*

The Double Zinnia is one of the easiest grown and most showy of garden annuals. The plants come quickly from seeds, are easily transplanted, and make a fine display in a bed or border or among shrubbery. Each flower lasts for several weeks, and the plants bloom abundantly until destroyed by frost.

Double Liliput or Fairy Zinnia. **4360** Another "good thing"; don't miss it. This is one of the most charming of annual flowers. The plants form handsome little bushes about 15 in. high, and fairly bristle with tiny, short-stemmed, very double flowers, hardly exceeding a Daisy flower in size. They are exceedingly pretty plants, bloom all summer long and until late in fall. Pkt., 10c; 3 for 25c.

4361 Red Riding-Hood. This little gem grows but a foot high; of compact form and covered the entire season with little button-like, intense scarlet very double flowers not over an inch across; as a border it is highly effective. Pkt., 10c; ¼ oz., 25c.

4362 Crested and Curled. The flowers are large, the petals being twisted and curved into most graceful forms. The colors comprise all the brilliant shades characteristic of the Zinnia. Pkt., 10c; ¼ oz., 20c.

4363 Zebra. A very pretty strain with striped flowers. As the colors vary on each plant, they present a curious as well as beautiful appearance. Pkt., 5c. ¼ oz., 25c.

4365 Mexican Hybrid Zinnias. These new Hybrids produce flowers of the size of a large Daisy. They are single, semi-double and double, and the colors are in the most unique, pleasing and numerous variations. In it are found shades peculiar to the Marigold, the Gaillardias and Chrysanthemums They are extremely pretty, very free-flowering. Pkt., 10c.

4366 Haageana Pl. Pl. (Mexican Zinnia). A splendid miniature-flowering double variety, growing 12 to 15 inches high; flowers perfectly double, of bright golden orange; as a border or line this deserves wide cultivation. Pkt., 10c; ¼ oz., 25c.

4367 Double White. **4369 Double Scarlet.**
4368 Double Golden-yellow. **4370 Double Pink.**
Each, pkt., 5c; ¼ oz., 20c.

Jacqueminot. **4371** This splendid variety belongs to the double dwarf section, and forms fine bushy plants about 18 in. high, bearing in countless numbers throughout the entire season handsome, perfectly double flowers of a vivid and velvety rich scarlet-crimson. Pkt., 10c.

4374 Mixture of double Zinnias. Many colors. Pkt., 5c; ½ oz., 15c; oz., 25c.

Double Pompon Zinnia. **4376** A very fine strain, containing many rich colors and shades. The plants grow about 2 ft. high, and the flowers are in size between the Liliput and the Large Flowering. Very desirable. Pkt., 5c; ½ oz., 15c.

Vaughan's Giant Flowered Zinnia. **4377.** This is a mixture of the largest Zinnias yet obtained, plants being of vigorous growth, about 3 ft. high, and very profuse of bloom. The flowers are **extremely double and very brilliant in color,** showing shades not found in any former collection while in size they surpass all other Zinnias, often **4 to 5 in. in diameter.** It also includes the **Mammoth Zebra** strain, equal in size to the largest, and striped and marked in scarlet and gold, white and scarlet and other combinations. Pkt., 10c; ¼ oz., 30c.

VAUGHAN'S SPECIAL

Amaryllis Vittata Hybrids.

TUBEROUS ROOTED BEGONIAS

Unexcelled for summer bedding, making a brilliant show throughout the entire season. Should be planted in very rich, well drained soil and in a location where they will be protected from the direct rays of the sun during the hottest part of the day.

SINGLE SORTS—White, Scarlet, Yellow, Pink. Each, 7c; 4 for 25c; doz., 70c; 100, $5.00.

SINGLE MIXED COLORS. Each, 5c; 4 for 18c; doz., 50c; 100, $3.75.

DOUBLE SORTS—White, Scarlet, Yellow, Pink. Each, 12c; 4 for 45c; doz., $1.25; 100, $8.00.

DOUBLE MIXED COLORS. Each, 10c; 4 for 35c; doz., $1.00; 100, $7.00.

NEW FREE-FLOWERING TUBEROUS BEGONIAS.

Bertini. 10 to 12 inches high; single flowering, elongated petals, vermillion color. The flowers are produced on graceful stems well above the foliage, and for brilliancy of color cannot be surpassed. Each, 20c; 3 for 55c; doz., $2.00; 100, $15.00.

Cristata. Curious strain of Single Begonias with flowers of good size, bearing on each petal a crest or beard composed of curiously twisted threads which give flowers an interesting appearance. Each, 20c; 3 for 55c; doz., $2.00; 100, $15.00.

Cardinal. 12 to 15 inches high. As grown in our trial grounds this variety has proven to be one of the best sun resisting Begonias in existence. Flowers are single, of a dark rosy scarlet, and measure 2½ to 3 inches in diameter. Plants are of strong vigorous habit, and free flowering. Each, 25c; 3 for 65c; doz., $2.50; 100, $18.00.

Graf Zeppelin. Of dwarf habit, 6 to 8 inches in height. Double flowers of rich scarlet. Each, 20c; 3 for 55c; doz., $2.00; 100, $15.00.

Lafayette. A splendid bedding variety. Flowers are of a most brilliant fiery scarlet, double, and borne upright on their stalks. One of the best for bedding, as it blooms all summer. Each, 30c; 3 for 85c; doz., $3.00; 100, $20.00.

CALADIUM ESCULENTUM Elephant's Ear.

One of the most effective and easily grown foliage plants for the lawn or border. Can be used with good effect as a border for tall growing Cannas when edged with Coleus or other low growing foliage plants. Will thrive in any ordinary garden soil, but to get the best results plant in rich soil and give plenty of water. With such treatment a select size bulb will make a plant about 5 ft. high with leaves 3 ft. long and 20 ins. wide.

FIRST SIZE BULBS. 1½ to 2½ inches in diameter; each, 8c; 3 for 20c; doz., 60c; 100, $4.00. Postage, 5c each extra. **SELECT SIZE BULBS.** 2½ to 3 inches in diameter; each, 12c; 3 for 30c; doz., $1.10; 100, $7.00. Postage, 8c each extra.

EXTRA LARGE BULBS. 3 to 4 in. diam.; each, 18c; 3 for 50c; doz., $1.75; 100, $12.00. Postage, 10c each extra. **MAMMOTH SIZE.** Beautiful bulbs. Each, 30c; 3 for 80c; doz., $3.00; 100, $20.00. Postage, 15c each extra.

Crinum Burbank's Hybrids. Improvements on the type in size, color and freedom of bloom. Monster bulbs, each, $1.50; 3 for $4.00.

Crinum Kirki. The flowers are fragrant, petals broad and white, with a deep purple reddish stripe through the center. Usually two flower stalks are sent up, each bearing a large cluster of 12 to 20 flowers. Large bulbs, 40c each; 3 for $1.00, postpaid.

Amaryllis

Very popular for house culture and easily grown by everyone, the chief point being to give the bulbs alternate periods of rest and growth. When the leaves appear give water and plenty of light, after flowers are off and leaves have started to turn yellow withhold water and put pot away from light. Do not start growth again until bulb shows signs of life itself, which it will do (even when soil is perfectly dry) by pushing out new leaves.

Belladonna Major. Fine variety for fall blooming, very free flowering and fragrant. Flowers which are a lovely shell pink color, are borne on stems 2 to 2½ ft. high. Mammoth bulbs, 35c each. Selected bulbs 20c each, doz., $2.00, by express at purchaser's expense.

Burbank's Vittata Hybrids. These are unnamed seedlings, secured from that famous hybridizer, Luther Burbank. The flowers **cannot be surpassed for their richness of color and markings,** spikes are usually from 2 to 3 feet in height, bearing from 3 to 5 enormous trumpet shaped flowers, measuring sometimes ten inches across. Something new and distinct in Amaryllis and should be given a trial by everyone. Each, 50c; 3 for $1.25; doz., $4.75; 25 for $7.50, by express at purchaser's expense.

Johnsoni. Has immense trumpet-shaped flowers, which measure 6 to 8 in. across, are borne on strong, fleshy flower spikes and are of rich, deep velvety crimson, each petal having a broad white stripe, contrasting beautifully with the deep red color. Large bulbs, each, 25c; 3 for 60c. Mammoth bulbs, each, 40c; 3 for $1.00, by express at purchaser's expense.

Formosissima. One of the most popular of the Amaryllis family, flowers are of a beautiful dark scarlet, strangely marked. Planted outdoors after danger of frost is over will bloom during the summer, and if lifted in early fall, can be carried over winter like the Gladiolus. Large bulbs, each, 10c; 3 for 25c; doz., 90c, by express at purchaser's expense.

Apios Tuberosa. Splendid hardy climber that is not well enough known. Will grow to a height of 8 to 10 feet, vine and foliage resembling a miniature Wistaria flower; are very fragrant and of a deep purple color. 2 for 10c; 5 for 20c; doz., 45c; 100 for $2.50, postpaid.

NEW AND RARE CALLAS.

Elliotiana. Flowers are of a rich golden yellow, often measuring from 4 to 5 inches across. Foliage is the same as that of the well known Spotted Calla, deep green with white spots. Each, 35c; 3 for 90c.

Van Fleet's Canary Bird. We consider this the finest of the New Hybrid Yellow Callas, flowers are beautiful light yellow in color, foliage green, spotted white, fine bedder Each, 20c; 3 for 50c; doz., $2.00.

Spotted Leaf. Similar to the well-known White Calla, but having its glossy, dark, rich green foliage marked and dotted with numerous white spots. The flowers are pure white, with dark throat. Each, 10c; doz., $1.00.

Cinnamon Vine. Well-known, hardy climber; quick grower, with beautiful glossy heart-shaped leaves and sweet scented flowers. Vines will run 25 or 40 feet in one season; good roots. Each, 5c; doz., 50c; 100 for $3.50. Extra large roots, 10c each; 3 for 25c; doz., $1.00; 100 for $6.00.

Chlidanthus Fragrans. Of free flowering habit, with beautiful lemon flowers, very fragrant, being a combination between the Lilac and the Tuberose. Each, 10c; 3 for 25c; doz., $1.00.

Showing Tropical Effect Obtained from Planting in Border.

GIANT FLOWERED, Childsii Type.

This giant race of Gladiolus produces large flower spikes of great variety and beauty, much stronger and more vigorous than the older sorts, and the foliage is dark, healthy green.

Prices on single bulbs and dozens include postage; 50 and 100 lots are not prepaid.

ALINE. Pure white, slightly striped crimson, flower is wide open. Each, 30c; doz., $3.00.
ATTRACTION. Deep rich crimson, with large white center and throat. Each, 20c; dozen., $2.00.
BLANCHE. Large pure white flowers with but faint markings. Plant is of medium height and is rarely blown over. Each, 15c; doz., $1.50.
BRILLIANT. Orange red, carmine and white throat. Each, 7c; doz., 75c.
CARDINAL. Large handsome spike; color, clearest and most intense scarlet, very showy. Each, 20c; doz., $1.75.
COLUMBIA. Light orange, scarlet, blotched and penciled with bluish purple; throat freely mottled. Each, 5c; doz., 50c.
DEBORAH. Dark red, tinged with amaranth. Each, 7c; doz., 75c.
EVA. Rose shaded, marked with slate. Each, 7c; doz., 75c.
GOVERNOR McCORMICK. Large flower and truss. Beautiful rose, mottled with silver gray, white throat. Each, 7c; doz., 75c.
HENRY GILLMAN. Salmon scarlet, white bands. Each, 5c; doz., 50c.
IRENE. Pink flaked with crimson, open flower. Each, 20c; doz., $2.00.
I. S. HENDRICKSON. Large handsome spikes, color an irregular mottling of white and pink. Each, 20c; doz., $2.00.
LITTLE BLUSH. Blush white, dwarf. Each, 10c; doz., $1.00.
LYDIA. No two flowers alike. Mottled white and crimson, white predominating in some, crimson in others. Each, 20c; doz., $1.75.
MOHONK. Dark pink, spotted throat; large. Each, 5c; doz., 50c.
MRS. BEECHER. Beautiful deep rosy crimson, well opened flower, pure white throat freely marked and spotted. Each, 5c; doz., 50c.
SALEM. Fine salmon pink, maroon blotches. Each, 7c; per doz., 75c.
SUNLIGHT. Light crimson with canary yellow throat. Each, 10c; doz., $1.00.
SUPERB. Large flower, pink, flaked and striped with salmon pink. Each, 10c; doz., $1.00.
VARIABILIS. Blue black flaked pink. Each., 7c; doz., 75c.
WM. FALCONER. Spike of great length and flowers of enormous size, light pink and blush mottled. Each, 5c; doz., 50c.
SPECIAL OFFER, No. 500B: Two each of the following six varieties, sent by mail postpaid, for $1.00: **Blanche, Columbia, Henry Gillman, Mohonk, Mrs. Beecher, Wm. Falconer.**

TEN NEW GLADIOLUS.

AUTUMN GIANT. 3 ft. spikes. Flowers are a beautiful orange scarlet with yellow throats. The special feature is that it comes into bloom late in August and continues until October or until frost cuts it down. Fine for cutting. Each, 25c; 3 for 65c; doz., $2.50.
BARON J. HULOT. Dark velvety purple flower of the Lemoine type, tall and slender, flowers thickly set on spike. Best blue we have seen. Each, 15c; 3 for 40c; doz., $1.50.
DIRECTOR VON ANGYAL. Color is almost black, being a dark blood red with velvety texture. Of splendid growth, flowers medium in size. Each, 8c; 3 for 20c; doz., 75c.
DORA KRAIS. Sulphur yellow with dark carmine blotches. Each, 15c; doz., $1.50.
ELIZABETH KURZ. A pure white variety with a faint touch of red deep down in throat. Strong grower, straight stem. Each, 60c; 3 for $1.50; doz. $5.50.
HEINRICH KUESTER. Large brilliant scarlet flower, vigorous grower. Each, 35c; 3 for 95c; doz., $3.50.
LAPAGERIA. Tall growing, vigorous sort; color, soft carmine with dark stripes. Each, 15c; 3 for 40c; doz., $1.50.
MEPHISTO. Large spike early flowering, flowers bright scarlet in color, 5 to 6 open at one time. One of the finest reds we have seen. Each, 35c; 3 for 95c; doz., $3.50.
SILVRETTA. Creamy white with carmine blotches on lower petals, spike strong and tall. Blooms later than most sorts. Each, 10c; 3 for 27c; doz., $1.00; 100 for $7.00.
PRIMULINUS. 3-4 ft. New and rare species from South Africa; shape of flower is curious and unusual, the upper petals being curved over so as to form a shield or roof over the inside. Color is an exquisite primrose yellow. Very free flowering. Each, 35c; 3 for 90c; doz., $3.00.
SPECIAL OFFER NO. 700. One each of above ten new varieties for $1.75 postpaid.

Autumn Giant Spike.

GLADIOLUS. VAUGHAN'S SELECT NAMED VARIETIES.

The following varieties are selected from a long list of named Gladiolus as being the finest large flowering sorts, all worthless kinds being discarded.

AUGUSTA. Pure white, blue anthers. Each, 5c; doz., 50c; 100 for $3.00.
BRENCHLEYENSIS. Intense fiery scarlet. Very showy. Each, 3c; doz., 25c; 100 for $1.75.
CANARY BIRD. Clear canary yellow, finest yellow Gladiolus in existence. Choice. Each, 10c; doz., $1.00.
CERES. White, spotted purplish rose. Each, 3c; doz., 25c; 100 for $1.75.
CHAMONT. Lilac shaded with purple. Each, 8c; doz., 85c.
CHRYSOLORA. Golden yellow, fine variety. Each, 30c; doz., $2.75.
CONTRAST. Color intense scarlet, with large pure white center. Flowers are of great substance. Each, 30c; doz., $3.00.
CORSAIRE. Dark velvety scarlet, compact spike. Each, 10c; doz., $1.
COUNTESS CRAVEN. Rose flaked carmine. Each, 8c; doz., 85c.
DR. HOGG. Mauve suffused rose, white center. Each, 10c; doz., $1.00.
EMMA THURSBY. Striped carmine, on white ground. Each, 5c; doz., 50c; 100 for $3.00.
EUGENE SCRIBE. Tender rose, blazed carmine red. Each, 7c; doz., 75c.
GLORY OF BRIGHTWOOD. Scarlet, lemon throat. Each, 7c; doz., 75c.
ISAAC BUCHANAN. Fine clear yellow, large spike. Each, 7c; doz., 75c.
JESSIE. Rich velvety red, fine spike, early bloomer. Each, 3c; doz., 30c; 100 for $1.75.
LACROSS. Handsome orange scarlet flaked maroon. Each, 7c; doz., 75c.
LE POUSSIN. Light red with white blotch. Each, 7c; doz., 75c.
MADAM MONNERET. Rose color. Each, 4c; doz., 40c; 100 for $2.50.
MAY. Pure white flaked rosy crimson. Each, 4c; doz., 35c; 100 for $2.
"1900." Flowers are borne on stalks 3½ to 4 ft. high, the length of bloom being from 10 to 16 in. Color, rich shade of red with prominent white spots on three lower petals. Each, 7c; doz., 60c; 100 for $3.50.
OCTOROON. Clear salmon pink, large flowers. Each, 5c; doz., 40c.
PACTOLE. Yellow tinged with rose at the edges. Each, 10c; doz., $1.
REINE BLANCHE. Pure white, dark carmine blotch. Each, 5c; doz., 50c.
SHAKESPEARE. Blush white with large rosy blotch. Good forcing variety. Each, 7c; doz., 75c; per 100, $5.00.
SULPHUR KING. One of the best and clearest yellows yet introduced, fine large spike. Each, 30c; doz., $3.00.
SUNSHINE. Fine yellow, spike with twenty or more flowers. Each, 20c; doz., $2.00.
THALIA. White, flamed and streaked with carmine. Each, 7c; doz., 75c.

GLADIOLUS MIXTURES.

Some varieties of Gladiolus multiply much more rapidly than others and as a result Gladiolus grown in mixture, unless very carefully watched, will deteriorate very rapidly. We make all of our own mixtures, using named varieties and mixtures of proven merit. By this method we can safely promise our customers satisfaction.

RAINBOW MIXTURE.

The best mixture of Gladiolus in existence, being composed from the choice varieties mentioned on this page, also including the famous Childsii, Lemoines and Nanceianus sorts, and other varieties which we do not list. First size bulbs, 4 for 25c; doz., 70c, postpaid; 50 for $2.25; 100 for $4.00; 250 for $9.00, by express at buyer's expense.

Extra Fine Mixed. We have had grown for us by Gladiolus specialists good quantities of some of the choicest named kinds for this mixture, and shall use with them some of Child's Hybrids, which will insure a large variety of shades and colors. This is truly a banner strain. First size bulbs, 4 for 20c; doz., 50c, postpaid; 50 for $1.65; 100 for $2.85, by express at buyer's expense.

Lemoine's Hybrid Mixture. Distinct type of Gladiolus, remarkable for their brilliant colors and markings; also known as Butterfly Gladiolus. Flowers differ from the Gandevensis and Childsii types, top petals being incurved. Stems are good but should be staked, as the flowers are sometimes too heavy. First size bulbs, each, 3c; doz., 25c; 100 for $1.75.

Childsii Fine Mixed. This mixture includes those we list and many other splendid Childsii varieties. First size bulbs, 4 for 20c; doz., 50c, postpaid; 50 for $1.75; 100 for $3.25, by express at buyer's expense.

Seedling Mixture. Made up from the unnamed Seedlings of several growers combined with some rare named varieties. A splendid medium priced mixture. First size bulbs, 4 for 15c; doz., 40c, postpaid; 50 for $1.25; 100 for $2.00; 250 for $4.00.

Good Mixed. This is just what its name indicates, "a good mixture," and is not to be compared with "left overs" usually sold under this name. Recommended to those who wish to make a brilliant show in the garden for a small outlay. First size bulbs, 4 for 12c; doz., 30c, postpaid; 50 for 90c; 100 for $1.50; 250 for $3.00, by express at buyer's expense.

GLADIOLUS IN COLORS.

All large flowering bulbs. Postpaid. Express at buyer's expense

	Each.	Doz.	Per 50.	Per 100.
Red and Scarlet Shades	$0.04	$0.35	$0.85	$1.50
Scarlet White Throat	.06	.50	1.35	2.50
Pink Shades	.05	.40	1.10	2.00
Yellow Shades	.07	.65	2.50	4.50
Striped Shades	.06	.50	2.00	3.50

VAUGHAN'S EXHIBITION COLLECTION.

Ten best named kinds for show purposes.

Princeps, $1,000 scarlet.
Aline, extra large open white.
Blanche, White, with faint marks.
Contrast, Intense scarlet, white center.
Mrs. Francis King, Light scarlet, new.
America, Soft flesh pink, new.
Baron Hulot, finest blue.
I. S. Hendrickson, Large white and pink.
Shakespeare, White suffused rose.
Canary Bird, Finest yellow.

Special Offer, Ga., 1 each of above, 10 bulbs for $1.50.
Special Offer, Gb., 5 each of above, 50 bulbs for $7.00.
Special Offer, Gc., 10 each of above, 100 bulbs for $13.50.

Lycoris Squamigera.

GLOXINIAS. (*New Giant Flowering Hybrids.*)

One of the best tuberous rooted plants for indoor culture. Of dwarf habit and fairly easy culture, make fine pot plants. Flowers are trumpet shape and of exceedingly rich coloring and marking.

EMPEROR FREDERICK. Red; with a pure white border.

MONT BLANC. Pure white.

DEFIANCE. Rich crimson-scarlet.

EMPEROR WILLIAM. Violet-blue, with white throat tinged and spotted; beautifully, streaked and spotted.

Each, 15c; 3 for 40c; doz., $1.50, postpaid.
Mixed colors—Each, 10c; 3 for 25c; doz., $1.00.

HYACINTHUS CANDICANS. (*Summer Hyacinth.*)

Splendid bulb for planting in the perennial border, being perfectly hardy and of vigorous growth Flowers are pure white and pendulous, borne on stalks four feet high. Plant in rear on account of tall growth.

Each, 6c; 3 for 15c; doz., 60c, postpaid. By express, 25 for $1.25; per 100, $4.00.

IPOMŒA MEXICANA. (*Century Vine.*)

Without question the easiest grown and most free flowering of all the Ipomoeas, produces large size blossoms of rosy color, shaded violet or blue, and if planted in a shaded situation the flowers remain open all day. A wonderfully quick grower, quite frequently making as much as 35 feet of vine in one season. Leaves are large and form a good shade, roots multiply rapidly. Not altogether hardy, but the root can be taken up in the Fall and preserved over Winter like a Dahlia. 1st size roots, each, 35c; 3 for 90c; doz., $3.25, postage 15c each extra. Mammoth roots, each, 50c; 3 for $1.35; 12 for $4.75.

IPOMŒA PANDURATA.

Rapid growing climber, producing luxuriant foliage and quantities of beautiful white flowers with purple throat. Perfectly hardy and will thrive in almost any soil. 1st size roots, postpaid, 15c; doz. $1.50. Extra size roots, by express, at purchaser's expense. each, 25c; doz., $2.50.

ISMENE CALATHINA.

Worthy of trial in every garden, as it always gives satisfaction. Throws up flower spikes as soon as growth commences; flowers, of which there are three or four on one stem, are pure white and fragrant. Not hardy. Treat bulb same as Gladiolus. 20c each; 3 for 50c; doz., $1.75.

Special Summer Collection.

85 BULBS FOR $1.50

Sent by express at buyer's expense.

12 MADEIRA VINES,
7 HYACINTHUS CANDICANS,
3 ZEPHYRANTHUS CANDIDA,
12 TUBEROSES, DWARF PEARL,
12 MONTBRETIAS,
36 OXALIS, in 3 colors,
3 ISMENE CALATHINA.

Tuberoses and Other Summer Flowering Bulbs.

LYCORIS SQUAMIGERA. (*Amaryllis Halli.*)

A perfectly hardy Amaryllis, having flowers of a delicate lilac pink shaded blue, borne on stems two to three feet high, the flowers being trumpet shaped. Lycoris squamigera produces in early spring attractive green foliage, which grows until July, when it ripens off and disappears, and one not familiar with its habits would think the bulb had died, but about a month later, as if by magic, the flower stalks spring from the ground.

As the bulb is perfectly hardy without any protection, it can be planted either in the Fall or Spring. Cover the crown about four inches. Each, 50c; 3 for $1.35; doz., $4.50; 25 for $7.50.

MADEIRA VINE.

One of the best annual climbers; vine is of slender growth, leaves are dark green, small and very dense. Flower is small and insignificant, but foliage is green until frost. Will succeed in any location, but does best in a sunny, sheltered situation. Not hardy and roots should be taken up in fall. Strong Tubers, each, 5c; 3 for 12c; per doz., 40c; postpaid; 25 for 75c; 100 for $2.50, by express.

MONTBRETIAS.

One of the brightest and best of Summer flowering bulbs. Plant in clumps of six to twelve bulbs in May or June. They greatly resemble the Gladioli in growth and produce beautiful spikes of star-shaped flowers in various shades of orange, yellow and red. Mixed varieties, 3 for 10c; per doz., 30c; 100 for $2.00, postpaid.

TIGRIDIAS.

Peacock or Shell Flower.

Extremely handsome summer-flowering bulbs, growing about 2 feet high, producing large, gorgeous flowers, exquisitely spotted; they flower very freely through the Summer.

CONCHIFLORA. Rich yellow, spotted red.
SPECIOSA. Scarlet.
GRANDIFLORA ALBA. White, with red spots.
CANARIENSIS. Yellow, spotted scarlet.
Price of any of above, each, 5c; doz., 50c; 100 for $3.50, postpaid.
TIGRIDIAS, mixed colors, each, 5c; doz., 45c; 100 for $3.00, postpaid.

TUBEROSES.

One of the best known and most easily grown summer flowering bulbs. Easily recognized by its exquisite fragrance and beautiful flower spikes, which are borne on long stems, making it an admirable cut flower for house decoration. If started in pots and then transplanted to open ground, can be had in flower much earlier.

EXCELSIOR DWARF PEARL, Mammoth.

Our "Mammoth Excelsior Dwarf Pearl" is a special selection made for many years of the most Dwarf, double, and full flowered spikes and is exceptionally sturdy and dwarf in habit. This "Mammoth strain" is positively the highest type of the Tuberose. The kind to grow if you desire "prize" blooms. Price, each, 7c; 4 for 25c; per doz., 65c, postpaid; by express, each, 5c; doz., 50c; per 100, $3.00. We supply 25 and over at the 100 rate.

First Size Bulbs. 3 for 15c; per doz., 50c; by express, 3 for 12c; doz., 35c; per 100, $2.00.

Second Size Bulbs. All flowering, often sold by so-called "Bargain Stores" under the name "first-class." 6 for 15c; doz., 25c, postpaid; by express, 6 for 12c; doz., 20c; per 100, $1.00.

ARMSTRONG'S EVER-BLOOMING.

This variety blooms year after year and produces single pure white flowers of a fragrance similar to that of the "Jasmine." It makes a splendid cut flower and should be in every one's garden. Each, 7c; 4 for 25c; doz., 60c, postpaid.

SILVER LEAVED. This is an early single kind, with striped leaves, making a grand show on account of its striking foliage. Each, 5c; doz., 50c, postpaid.

SINGLE. Sometimes called Orange Flowered. Blooms very early and are exceedingly graceful and pretty Each, 4c; 3 for 10c; per doz., 35c, postpaid.

ALBINO. New branching single variety, blooming much earlier than the old single variety fine for cut flowers. Each, 5c; per doz., 40c, postpaid.

SUMMER FLOWERING OXALIS.

These useful little plants are very effective in masses or beds and are particularly valuable for edgings. They produce an unbroken row of foliage about one foot high and continuous show of bloom Pure white, pink or red. Either color, per doz., 10c; 35 for 25c; 100 for 50c, postpaid.

SPIDER LILY, PANCRATIUM.

Beautiful flat clusters of large pure white flowers, the petals of which are narrowed and wide spread, giving each a "spidery" effect. They have a sweet fragrance that is not oppressive. Price, large bulbs, each, 15c; doz., $1.50.

ZEPHYRANTHUS.

One of the prettiest and most easily grown bulbs for pot culture. Plant three or four bulbs in a five or six-inch pot. Treat in garden same as a Gladiolus.

ROSEA. Beautiful clear rose; flowers large and very handsome; blooms all summer. Each, 5c, doz., 50c, postpaid.

CANDIDA. Pure white and the most profuse bloomer of all. 3 for 10c; doz., 30c; 100 for $2.00, postpaid.

Flower Spike, Mammoth Pearl Tuberose.

Hardy JAPANESE and AMERICAN Lilies.

Lilium speciosum rubrum.

CANADENSE (Meadow Lily). One of our hardy native sorts, bears a graceful stem of drooping bell-shaped yellow and red flowers. Extra-sized bulbs, **each, 10c; per doz., $1.00; 25 for $1.75; 100 for $6.00.**

ELEGANS BICOLOR. Perfectly hardy and will succeed in almost any situation. Flowers large and showy; bright red, flushed orange. **Each, 10c; 3 for 25c; per doz., $1.00; 25 for $1.75; 100 for $6.00.**

HENRYI (New). Flower bright apricot-yellow, form same as the Speciosums which are illustrated on this page. When established it grows tall and is one of the most free-flowering of all lilies, hence its popularity. Stock scarce. **Each, 75c.**

LONGIFLORUM. Pure white, trumpet-shaped flower perfectly hardy. This variety can also be grown as a pot plant for indoor blooming. **Extra Size Bulbs,** which should produce from 6 to 10 flowers. **Each, 15c; 3 for 40c; per doz., $1.25, postpaid; by express, per doz., $1.00; 25 for $2.00; 100, $7.00; 250 for $15.00.**

PARDALINUM (Leopard Lily). Rich scarlet and yellow flower, spotted with rich brown. Robust and free-flowering. A superb Lily; gives greatest possible satisfaction; succeeds in all situations. **Each, 12c; 3 for 30c; per doz., $1.20; 25 for $2.25; 100 for $8.00.**

Unless otherwise mentioned, price of single bulbs and lots of 3 include postage; the dozen, 25 and 100 prices are by express at purchaser's expense.

AURATUM, Gold Banded.

Considered by everyone as the most beautiful of all Lilies; should be in every garden; flowers white, dotted crimson, with a clear golden band running through the center of each petal; very fragrant. First size, about 8 to 9 inches in circumference, **each, 20c; 3 for 50c; per doz., $1.25; 25 for $1.75; 100 for $6.00;** mammoth size, about 9 to 11 inches, **each, 35c; 3 for 90c; per doz., $1.75; 25 for $3.00; 100 for $11.00;** monster bulbs, about 11 to 12 inches, **each, 50c; 3 for $1.35; per doz., $2.50; 25 for $4.50; per 100, $16.00.**

SPECIOSUM ALBUM, White.

Pure white, with beautiful recurved petals, very fragrant. This with Rubrum and Melpomene belongs to the Speciosum section. First size, about 8 to 9 inches in circumference, **each, 30c; 3 for 85c; per doz., $2.00; 25 for $2.75; 100 for $10.00;** mammoth bulbs, about 9 to 11 inches, **each, 40c; 3 for $1.15; per doz., $3.00; 25 for $5.00; 100 for $18.00.**

SPECIOSUM RUBRUM, Crimson Banded.

We consider this the most satisfactory of the Speciosum class. Once planted in a favorable location will last for years. Flowers are white, with a deep rosy crimson band on each petal, with deeper colored spots between. They are 5 to 6 inches in diameter, very fragrant, and have all the hardiness of the Speciosum class. First size, about 8 to 9 inches in circumference, **each, 20c; 3 for 50c; per doz., $1.25; 25 for $2.00; 100 for $6.00;** mammoth bulbs, about 9 to 11 inches, **each, 35c; 3 for 90c; per doz., $1.75; 25 for $3.00; 100 for $11.00;** monster bulbs, about 11 to 12 inches, **each, 50c; 3 for $1.35; per doz., $2.50; 25 for $4.50; 100 for $16.00.**

SPECIOSUM MAGNIFICUM. New variety, with larger flowers than others and of stronger growth. The flowers resemble the Melpomene, but are larger in size and deeper in coloring; splendid as a cut flower, lasting longer than any of the Speciosum class. First size, about 8 to 9 inches in circumference, **each, 20c; 3 for 50c; per doz., $1.50; 25 for $2.25; 100 for $8.00;** mammoth bulbs, about 9 to 11 inches, **each, 35c; 3 for 90c; per doz., $1.85; 25 for $3.25; 100 for $12.00;** monster bulbs, about 11 to 13 inches, **each, 40c; 3 for $1.10; per doz., $3.00; 25 for $5.00; 100 for $18.00;** jumbo bulbs, about 13 to 15 inches, **each, 50c; 3 for $1.40; per doz., $4.25; 25 for $6.50; 100 for $25.00.**

SPECIOSUM MELPOMENE. A most beautiful variety. Flowers frosted white, spotted, clouded and bearded with pinkish crimson. Petals are recurved and widely bordered. First size, about 8 to 9 inches in circumference, **each, 20c; 3 for 50c; per doz., $1.50; 25 for $2.25; 100 for $8.00;** mammoth bulbs, about 9 to 11 inches, **each, 35c; 3 for 90c; per doz., $1.85; 25 for $3.25; 100 for $12.00.**

PHILIPPENSIS (New). Like the White Easter Lily, but the flower is still larger and has a much longer tube. The foliage is narrow and grass-like. Perfectly hardy and blooms two or three times in a year. Does well indoors or out. **Each, 25c; per doz., $2.50.**

SUPERBUM. The finest of the native Lilies. Flowers bright orange-red, thickly spotted with purple. Remarkable for immense height (often 8 feet) and profusion of bloom; a strong plant bearing from 20 to 30 flowers. **Each, 10c; per doz., $1.00; 25 for $1.75; 100 for $6.00.**

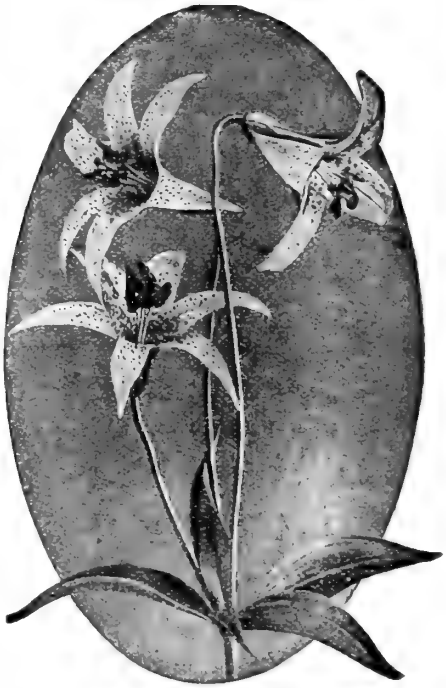
TENUIFOLIUM (Siberian Lily). A native of Siberia. One of the very hardiest Lilies; flowers vivid scarlet, with petals reflexed; very showy and free flowering, blooming early in the spring. It is very easy of cultivation, requiring only a well-drained sandy soil. **Each, 15c; doz., $1.50.**

TIGRINUM (Single Tiger Lily). Very hardy native Lily; orange-red, spotted with purple-black. Is very pretty and bears from 8 to 20 flowers. **Each, 10c; per doz., $1.00; 25 for $1.75; 100 for $6.00.**

TIGRINUM SPLENDENS (Improved Single Tiger Lily). Very hardy native Lily; orange-red, spotted purple-black. Pretty and bears 8 to 20 flowers when well established. **Each, 12c; per doz., $1.20; 25 for $2.00; 100 for $7.00.**

TIGRINUM FLORE PLENO. The well-known double Tiger Lily; grows from 4 to 6 feet high, and bears an immense number of bright orange flowers. **Each, 12c; per doz., $1.25; 25 for $2.25; 100 for $8.00.**

UMBELLATUM. A splendid hardy Lily, and should be found in every garden. Colors range from deepest red through all shades of crimson, rose, yellow, buff, apricot, etc.; blooms about June 20. **Each, 15c; per doz., $1.50; 25 for $2.50; 100 for $10.00.**



Lilium Canadense.

Lily of the Valley.

LILY-OF-THE-VALLEY.

No garden is complete without a bed of these fragrant flowers. Should be planted in a shady place, where if left to themselves they will spread and increase rapidly. For planting outdoors the clumps are generally used, the pips being for indoor forcing; they, however, will give good satisfaction planted outdoors, as each pip contains a flower, which is not always the case with the pips found in the clumps.

Large Imported Clumps. These should be planted in a shady, moist situation, and being one of the hardiest of flowers they require little or no protection. A corner filled with these plants mingled with hardy ferns, becomes a spot of beauty. **Each, 35c; per doz., $3.50; 25 for $6.25; by express or freight at buyer's expense. If wanted by mail, add 20c each for postage.**

Cold Storage Pips for Greenhouse Forcing. Finest imported quality, inspected for condition by an expert before shipping. Prompt delivery, any quantity, but not less than 100 pips at a time. **Price, per 100, $2.00; 250 for $4.50; 500 for $8.50; 1,000 for $16.00, by express.**

Large Flowering German Pips. **Six for 15c; 12 for 25c, postpaid; by express at buyer's expense, 25 for 40c; 100 for $1.50; 250 for $3.50; 500 for $6.50; 1,000 for $12.00.**

PLANT DEPARTMENT.

PARTIAL VIEW OF FORMAL CANNA BEDS AT OUR GREENHOUSES AT WESTERN SPRINGS.

OUR FACILITIES.

Greenhouse Plants of real merit for indoor and outdoor use are shown in the pages following. The list of varieties has been carefully revised and only those most valuable, easily grown, and satisfactory to the planter, are submitted for your selection. The new Ferns are still in the front rank. Our success in growing fine plants of these has been noteworthy. Vaughan's collection of Cannas, Dahlias, Phlox and Pæonias, contains all the newest good ones and the best old ones. We have added seven large greenhouses for supplying the plants offered here.

Our Nursery has made good progress. Our collection of Shrubs, Trees, Hardy Plants, has been much increased. These are supplied by us to thousands of suburban homes, and in a large way to many beautiful new country estates now being laid out and planted near all the largest cities. We are prepared to design and supervise all such horticultural improvements.

IMPORTANT.—We ship all orders for plants immediately upon receipt. We will reserve plants for future shipment, but instructions to that effect ***must accompany the order.*** This applies specially to plants ordered in winter.

HOW WE SHIP PLANTS.

Plants by Mail. Small plants will be sent free by mail when so desired. The greater part or all of the soil is removed from the roots, which are carefully packed in damp moss. We forward bulky plants, such as large Roses, Shrubs and similar stock by express.

Plants by Express. We express plants at purchaser's expense, but express is 20 per cent. less on plants than on general merchandise. We strongly urge this method of transportation, as it enables us not only to give better values in larger and finer plants, but we also always add liberal "extras" to help defray charges, and ***unless instructed to the contrary, all orders are forwarded by express.***

Plants by Rail. Shrubs, Hedge Plants and other dormant stock can be forwarded safely by fast freight lines, even to very distant points, at low rates.

Safe Arrival Guaranteed. We guarantee the safe arrival of all plants to any point in the U. S. or Canada when sent ***by express.*** If forwarded in any other manner they are entirely at the risk of the purchaser.

VAUGHAN'S CANNA BED COLLECTIONS.

We prefer Canna beds entirely of one kind or color, and offer the following suggestions for planting in such a manner.

Cannas should be planted in good, rich garden soil, mixed with half of old rotten stable manure. Water sparingly for first two weeks after planting. When growing freely, water liberally. Set the plants 18 inches apart each way, and if more than one kind is used, be careful to plant the taller growing kinds in the center and the dwarf ones along the edge. This applies to planting in beds.

Customers can select any variety that we list. It is well to select kinds that will grow the required height you would like to have the plants attain. Note height of each kind is plainly stated in description. We recommend the following as most desirable for beds of solid colors:

DAVID HARUM. Bronze leaved, 4 ft.
EGANDALE. Bronze leaved, 3 ½ to 4 ft.
FLORENCE VAUGHAN. Green leaved, 4½ ft.
PAPA NARDY. Green leaved, 5 ft.
BETSY ROSS. Green leaved, 3 ft.
KING HUMBERT. Bronze leaved, 5 ft.
EXPRESS. Green leaved, 3 ft.
MAD. CROZY. Green leaved, 3½ ft.
MILWAUKEE. Green leaved, 4 ft.
SOUV. A. CROZY. Green leaved 3½ ft.
BEAUTE POITEVINE. Green leaved, 4 ft.
BLACK BEAUTY. Bronze leaved, 5 ft.

For Canna Beds, Round.	
Diam. Feet.	Required Plants.
7	19
10	37
13	61

Note that we offer the plants in two sizes.

First Size, from 2½-in. pots. **Larger Size,** from 4-in. pots, ready to bloom. We hope that all flower lovers will take advantage of some of these grand offers.

CANNA BED No. 1.

Round, 7 ft. across. 1 Florence Vaughan (for center); **6 Egandale,** bronze (middle row); **12 Madame Crozy** (outside row). Makes a very handsome bed; unexcelled for the price.

	Not prepaid.	Prepaid.
The 19 plants, first size	$1.75	$2.00
The 19 plants, large size, ready to bloom	3.00	3.50

CANNA BED No. 2.

Round, 7 ft. across. 1 David Harum, bronze, (for center); **6 Dwarf Florence Vaughan,** (middle row); **18 Salvia Alfred Ragueneau** (outside row). One of the prettiest possible beds.

	Not prepaid.	Prepaid.
The 7 Cannas and 18 Salvias, first size	$2.25	$2.50
The 25 plants, large size	3.75	4.00

CANNA BED No. 3.

Round, 10 ft. across. 16 King Humbert, (for center two rows); **36 Pennisetum Longistylum** (outside row).

This bed complete (the Cannas in first size plants) **$10 by express.**

CANNA BED No. 4.

Round, 10 ft. across. 7 Egandale, bronze (for center); **12 Niagara** (middle row); **18 Express** (outside row). This combination gives a grand effect.

	Not prepaid.	Prepaid.
The 37 plants, first size	$3.35	$3.75
The 37 plants, large size, 4 in. pots, ready to bloom	6.00	6.75

CANNA BED No. 5.
The Orchid Flowering Bed.

Round, 7 ft. across. 7 Louisiana (for center and first row); **12 Burbank** (outside row).

	Not prepaid.	Prepaid
The 19 plants, first size	$1.75	$2.00
The 19 plants, large size, ready to bloom	3 00	3.50

CANNA BED No. 6.
The All-Yellow Canna Bed.

Round, 7 ft. across. 7 Florence Vaughan (for center and first row); **12 Dwarf Florence Vaughan** (for outside row)

	Not prepaid.	Prepaid
The 19 plants, first size	$1.75	$2.00
The 19 plants, large size, ready to bloom	3.00	3.50

VAUGHAN'S CANNAS

OUR Cannas have painted in gorgeous colors—in scarlet, yellow and bronze—the yards of the finest homes, the station grounds and the parks all over the land. Their foliage is tropical and effective; the big flower spikes are always a mass of bloom from July 4th until frost. Vaughan's Cannas received the Grand Prize at St. Louis (only seven such prizes awarded in Horticulture at that Great Fair). We also received the highest awards at Chicago, Omaha and Buffalo. Our catalogue of Cannas on these pages are varieties of the highest standard from all sources in the world. We flower them on our own grounds at Western Springs and know them to be true.

KING HUMBERT, KING OF ALL CANNAS.

Giant Flowered. Orange Scarlet. Bronze Leaf.

This remarkable "Gold Medal" Canna has been the sensation of the past four years. Of all the wonderful flowering and foliage plants introduced, this one takes the lead for size, color and habit. It is a cross between the Orchid flowering and the French or Crozy type, combining the best features of both, the large flowers of one with the free-blooming character of the other; the handsome leathery foliage with a strong, noble habit. It has the broadest leaves.

It is so distinctly in advance of any other Canna, that the demand for and use of it must be universal. We have taken the highest awards with it wherever shown in competition. For it we received a gold medal at St. Louis; it was the central figure in our "Grand Prize Exhibit." Be sure to order this one.

The following prices include either postage or prepayment by express.

Size, prepaid.	Each.	3 for	Per doz.
A 2½ inch pots	$0.30	$0.75	$2.50
B 3 inch pots	.40	1.00	3.50

The following prices are by express at buyers' expense.

Size, express.	Each.	3 for	Per doz.	Per 100.
A 2½ inch pots	$0.25	$0.65	$2.25	$18.00
B 3 inch pots	.35	.85	3.00	20.00
C 4 inch pots	.60	1.50	5.00	30.00
D 5 inch pots	.75	2.00	7.50	40.00

We furnish 25 of any one size at the 100 rate.

King Humbert.

FIFTEEN NOVELTY CANNAS.

FEUERMEER. 5 ft. Deep green foliage. Very free and robust grower, throwing up many strong flower spikes. Early. Blooms large and of a clear crimson scarlet without markings. Stock limited. **Each, 75c.**

FRAU C. SOUPERT. 4 ft. Green foliage. Very fine, large rounding flowers of a deep rich maroon. Very striking. **Each, 75c.**

SCHWABENLAND. 3½ ft. Dark bronze foliage. Extra large flowers of a beautiful rich crimson. **Each, 75c.**

PFITZER'S METEOR. 4 ft. Green foliage. Strong, robust grower. Large, heavy flower stalks, the individual flower being over 2 inches in diameter and of great substance. Extra free flowering qualities. Color a clear orange scarlet. Stock limited. **Each, 75c.**

MONTREAL. 4 ft. A new French Canna which is almost an exact counterpart of that grandest of all Cannas, King Humbert, having the same rich red vigorous leaves of mammoth dimensions, the same large flower head and gigantic blooms, but the color is distinct, being a rich vermillion scarlet. **Each, $1.50.**

LONG BRANCH. 5 ft. An American Seedling, cross between Queen Charlotte and Italia. Tough, leathery, green foliage. The flowers resemble a giant flowering Queen Charlotte in the Orchid-flowering class, being bright crimson with wide, irregular border of yellow, and stands the sun equally as well as King Humbert. **Each, 50c; per doz., $5.00.**

NEIL CAMPBELL. 5 ft. American Seedling of special worth on account of its color, which is a deep orange yellow. Good size flower and very free and early. Foliage is dark purple and with the orange flowers makes a fine show. **Each, 25c; per doz., $2.50.**

SOUV DE BOUCHARLATAINE. 3½ ft. Large purple foliage and extremely large flowers of a beautiful purplish crimson, set off with deeper shade of the same color. **Each, 25c; per doz., $2.50.**

IMPROVED PHILADELPHIA. 4½ ft. This new variety of French origin is a great improvement in every respect on the old Philadelphia. The plants are of vigorous, healthy growth, stool out well; foliage rich green; spikes tall carrying its flowers well above the foliage and in a fine large head. Color the most brilliant and striking scarlet without any bluish cast. **Each, $1.50.**

STADTRATH HEIDENREICH. 4½ ft. Foliage bronze with green markings. Of great merit, with large spreading flowers 5½ inches across, individual petals frequently being 2 inches wide. Color almost a pure scarlet, with just enough orange to intensify richness. **Each, 25c; per doz., $2.50.**

WILLIAM SAUNDERS. 3½ ft. Foliage rich bronze. The flowers are large, of splendid form and are borne very freely in immense clusters. The color is a deep rich shining scarlet, lightly dappled with crimson. **Each, 35c; per doz., $3.50.**

NEW YORK. 5 ft. Dark bronze foliage, with the Orchid type of flowers. Will stand the hot sunshine as well as the toughest varieties of Cannas. The color is a solid rich scarlet covered with a beautiful glowing sheen. **Each, 35c; per doz., $3.50.**

MLLE. CHARLOTTE MONGEOT. 3½ ft. Very large, well shaped flowers of beautiful cherry carmine. A free grower and one of the best introductions. **Each, 25c; doz., $2.50.**

MULTIFLORA. 4 ft. A Vaughan seedling of special merit. Deep velvety green foliage. Very free and robust grower. Extra free bloomer, carrying three and four perfect flower spikes at one time. Color very bright vermillion with a narrow golden yellow border. **Each, $1.00.**

SOUV. DE J. H. KRELAGE. 4 ft. Foliage metallic brown, extra large and broad. The flowers are gigantic in size, zinnabar red. Borne in faultless trusses. **Each, 25c; per doz., $2.50.**

Nine Grand Orchid Flowering Cannas.

ALLEMANIA. 4 to 5 ft. Green foliage. The outer petals are scarlet, with broad yellow border. Inside of bloom scarlet and dark red.

AMERICA. 4½ ft. Beautiful bronze foliage. The spikes very large and the flowers enormous, with yellow throat and petals of glowing red, flamed purple.

BURBANK. 5 ft. Green foliage. Purchased and introduced by us from the originator, Mr. Luther Burbank, of California. The flowers are truly gigantic in size. Toward the inner part the petals show fine crimson spots, all the rest of the flower is of a most beautiful, rich canary-yellow.

FREDERIC BENARY. 5½ to 6 ft. Green foliage. An early bloomer. Its flowers are currant red with orange throat and yellow edge.

ITALIA. 4½ ft. Green foliage. In color the center is of a brilliant red, the outer half of the circumference of each petal a band of clear yellow.

LOUISIANA. 6 ft. Very large beautiful vivid scarlet Orchid-like flowers, often measuring five to six inches across. Foliage a glossy green.

MRS. KATE GRAY. 6 ft. Green foliage. Immense flowers 5 to 6 inches. Color, orange, scarlet, flaked with yellow.

PENNSYLVANIA. 5 ft. Green foliage. Flowers extra large. Deep red, of solid color.

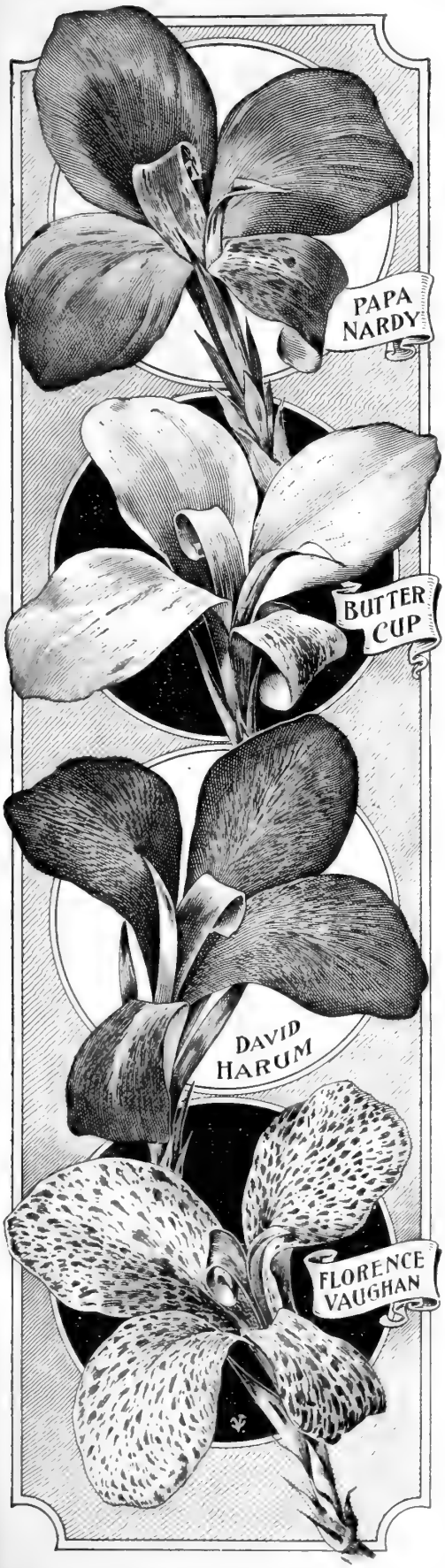
SENATOR VIGER. 5 ft. Very large flowers of a beautiful brick-red, shaded fiery red and finely streaked with golden-yellow.

PRICES: The above Cannas, each, **15c; 12 for $1.50, postpaid; 100 for $10.00,** by express. If ordered sent by express at buyer's expense, stronger plants will be sent at same price.

After May 1st we can furnish large plants from 4-in. pots that will commence to bloom in a short time. **Each, 25c; 6 for $1.25; 12 for $2.40; 25 for $4.50; 50 for $7.00,** all by express at buyer's expense.

Special Offer No. 407. One each of the above 9 Orchid Flowering Cannas postpaid for **$1.00.**

VAUGHAN'S BEST BEDDING CANNAS.



The choicest from sixty best kinds, revised to December, 1908. These are all of the large flowering Crozy type, and embrace the entire range of color known to this remarkable class of plants, such as crimson, scarlet, pink, yellow, white and variegated yellow and red; green and bronze foliage, and all at the most reasonable prices.

CRIMSON AND SCARLET SHADES.

With Green Foliage.

ALPHONSE BOUVIER. 5 ft. Strong grower with crimson flowers.

BEAUTE POITEVINE. 3½ ft. Large crimson flowers of a beautiful shade, much admired.

CHAS. HENDERSON. 4 ft. Crimson flowers. Good bedder. Roots winter well.

CHICAGO. 4½ ft. The large flowers open out nearly flat; petals 1½ inches wide. The color is a clear deep vermillion. 1st Size, each, 20c; doz., $2.00; prepaid.

CRIMSON BEDDER. 3ft. Intense scarlet. Very free blooming.

COMTE DE SACHS. 4 ft. One of the very best. Early and free. Color clear crimson scarlet. Flower heads large. 1st Size, 20c. each; doz., $2.00; prepaid.

DUKE OF MARLBOROUGH. 4½ ft. The color is rich maroon. Distinct as a dark flower.

HARRY LAING. 5 ft. Large rounding flowers of rich glowing scarlet.

JEAN TISSOT. 4 ft. Color an intense bright vermillion with bright orange shading.

MRS. WM. F. KASTINGS. 3½ ft. Color brilliant crimson. Medium sized flowers of good substance A profuse bloomer.

MILWAUKEE. 3½-4 ft. Flower rich, deep maroon, darker than the Duke of Marlborough. We find it the darkest of all Cannas.

PAPA NARDY. 4½ ft. Very free flowering. Large rounding flowers of a beautiful purplish crimson.

PRES. McKINLEY. 3 ft. Medium size flowers. Color a fiery crimson. A profuse bloomer.

THE EXPRESS. 2½ ft. Bright scarlet crimson. Large broad flowers in immense trusses. 1st Size, each, 20c; doz., $2.00; prepaid.

BRONZE-LEAVED VARIETIES.

DISCOLOR. 6-8 ft. Used for foliage effect, musa-like foliage.

DAVID HARUM. 3½ ft. Dark bronze foliage. Strong grower and one of the freest blooming Cannas we have ever seen.

EGANDALE. 4 ft. Bronze foliage. Considered by experts the best in this class. Strong, compact flower spikes. Color currant red. The finest bedding Canna of its color.

GRAF WALDERSEE. 4 ft. Large flowers of orange scarlet. Fine show.

J. C. VAUGHAN. Purple foliage. Flower large. Color, clear, deep vermillion-orange.

KING HUMBERT. (See preceding page for description and prices.)

LEONARD VAUGHAN. 4¼ ft. Rich deep bronze foliage. Very strong grower. Flowers freely. Color bright scarlet.

MLLE. PAUL CAZENEUVE. 4 ft. Large flowers of rosy pink, very striking with the dark bronze foliage.

VICTOR LEMOINE. 3½ ft. Very large brilliant garnet flowers. Very free flowering. 1st Size, each, 20c; doz., $2.00; prepaid.

PINK AND SALMON SHADES.

With Green Foliage.

BETSY ROSS. 3½ ft. Compact bushy habit. The flowers are large and of a beautiful soft pink.

BEAUTE DES MARCHES. 5 ft. The flowers are extra large. Color clear, bright salmon pink.

MLLE. BERAT. 4½ ft. A shade of rose carmine. The petals are long.

SEC. CHABANNE. 4 ft. Green foliage. The color is a beautiful orange.

GILT EDGE VARIETIES.

All with Green Foliage and Scarlet Flowers with Yellow Edges.

MAD. CROZY. 3½ ft. Vermillion with gold border. The sort which popularized the Canna.

NIAGARA. 3 ft. Color, rich deep crimson with a wide irregular border of deep golden yellow.

QUEEN CHARLOTTE. 4 ft. Rich orange-scarlet with a broad gilt edge.

SOUV. DE A. CROZY. 4 ft. The flowers are scarlet-crimson bordered yellow.

YELLOW SHADES.

Green Foliage.

BUTTERCUP. 3½ ft. A true bright buttercup yellow, large. Each, 20c; doz., $2.00; prepaid.

DWARF FLORENCE VAUGHAN. Similar to Florence Vaughan, but one-third shorter, never exceeding 3½ ft. Color, rich golden yellow, thickly dotted with bright red.

FLORENCE VAUGHAN. 5 ft. The most famous of all Cannas. It still remains the best type of the new Cannas. The flowers are rich golden yellow, thickly dotted with bright golden red.

RICHARD WALLACE. 3½ ft. A clear yellow fading to a light yellow. Very free and early bloomer.

WHITE SHADES.

Green Foliage.

FRAU MARIA NAGEL. 3 ft. Loosely formed flowers of a creamy white fading to pure white.

MLLE. CLIN. 3 ft. A free bloomer, pure white, with good sized flowers. Each, 20c; doz., $2.00; prepaid.

MONT BLANC. 2½ ft. Medium size, pure white flowers, compact flower heads. Each, 20c; doz., $2.00; prepaid.

PRICES: *The above Cannas except noted.*

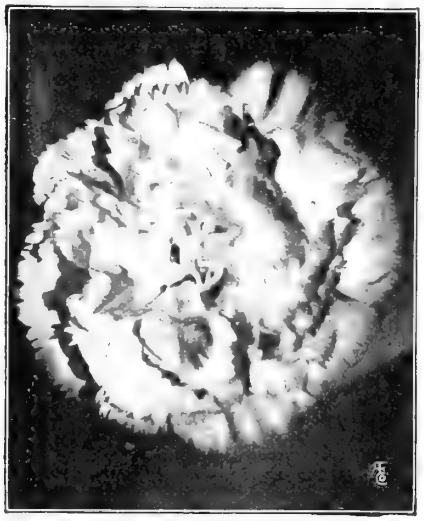
SIZES	EACH	3 FOR	PER DOZ.	PER 100
1st size plants from 2½ inch pots, postpaid	$0.15	$0.35	$1.25	$10.00
2nd " " " 3 " " by express	.15	.40	1.50	12.00
3rd " strong plants from 4 inch pots, by express; ready May 15, will commence to bloom in a short while.	.25	.65	2.50	18.00

Special Offer No. 403. Papa Nardy, Buttercup, David Harum and Florence Vaughan. One each of the 4 grand Cannas shown at left on this page in first sized plants, prepaid, **50c.** Larger plants, by express, for **90c.**

Customer Wins $225.00 in Tribune Garden Contest, 1908.

"The Seeds and Bulbs purchased of you were very satisfactory, as they have been every Season heretofore. The **Canna** Plants we bought this Season were especially fine." Wm. E. Knudson, Chicago.

"I was much pleased with the different plants purchased from you, especially the **David Harum Cannas.** They were the finest bed in the City; in constant bloom from the time they were 15 in. high until spoiled by frost." A. A. Champion, Gardener for Mrs. W. Camp Lanman, Norwich, Conn.



Mrs. J. C. Vaughan.

CARNATIONS.

THE new Carnations are the most popular, beautiful and desirable cut flowers for personal wear and for decorations. The mammoth new ones are giants in size, some 3½ in. across. Beautiful in coloring, perfect in form and shape of flower. Strong stems, free-blooming and fragrant; useful for every occasion. The best carnations rival the best new roses in popularity.

Price, each, 20c; any 6 for $1.00; 12 for $1.75, by mail, postpaid; 25 for $3.00; 50 for $5.50; 100 for $10.00, by express.

Special Offer No. 408. One each of the 8 Novelty Carnations for only **90c**, postpaid.

VAUGHAN'S NOVELTY SET.

AFTERGLOW. Color is a bright cerise, very close to Lawson in tint. A grand, easy grower. Has been on trial for five years and no weak spots found. Winner of the S. A. F. medal.

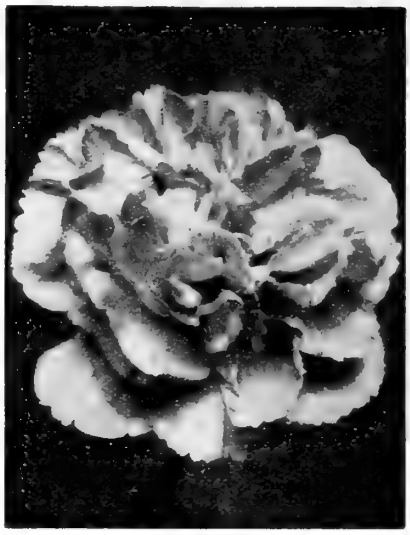
DEFIANCE. Color bright scarlet. Size, 2¾ in. Stem long and stiff. Growth strong and clean. An early, free and continuous bloomer.

IMPERIAL. Extra large flowers on long stiff stems. Color striped and splashed red and white. Very beautiful.

RED CHIEF. Color an even clear shade of bright scarlet. The ideal Christmas Carnation. Average size 3 inches in diameter.

SARAH HILL. A very large free-flowering white variety. The form is beautiful and displays the size to the very best advantage, and produces its flowers with great profusion.

WHITE ENCHANTRESS. This is pure glistening white, a sport from Enchantress, and as large and fine as that variety.



O. P. Bassett.

Five New Carnations 1909 Introductions.

Each, 30c; any 3 for 75c; any 6 for $1.50; 12 for $3.00, postpaid. Per 100, $20.00, by express.

ALVINA. This carnation is a remarkable strong grower and free bloomer of the Lawson type and is specially adapted for pot culture. Color, dark glowing pink, good stiff stem and can be had with 20 or more flowers at one time. A fine carnation for pot culture.

MRS. J. C. VAUGHAN. A grand novelty in white, flowers of largest size, 3½ in. across. Growth vigorous and branching freely. Stems long, stiff and wiry. A bold well formed flower with good substance. Keeping qualities excellent. Flowers do not burst.

MRS. CHAS. KNOPF. A beautiful shade of deep pink. Flower 4 in. and over in diameter with 2 ft. stem. Habit ideal. Early and continuous bloomer.

O. P. BASSETT. (Introduced by one of our Chicago neighbors). Color, pure bright red; flower 3½ in. across. Free bloomer, coming into flower in October and by Xmas is in full crop and flowers continually until the end of the season. Calyx never bursts. Stems long and stiff, by Xmas 18-24 in. long. Entirely free from disease and as easy to grow as Lawson. The O. P. Bassett has been a prize winner wherever shown.

RUBY. Bright scarlet crimson; a fine substantial bloom, very symmetrical with fringed edges. Size of flower 3½ to 4 in. Length of stem 26 in. and over, holding the flower up in fine shape. Growth of plant ideal. Early to flower and continues throughout the season.

Special Offer No. 409. The set of 5 New Carnations for **$1.00**, postpaid.

Everybody's Carnation Collection.

Six Choice Standard Sorts of Easy Culture.

Each, 15c; any 2 for 25c; doz., $1.50; per 100, $6.00.

ENCHANTRESS. Delicate blush pink, deepening towards the center. Size 3½ in. across.

MRS. THOS. W. LAWSON. 3½ inches in diameter. A beautiful deep pink flower.

MRS. PATTEN. A splendid variegated sort, having stiff stems and a good big flower.

NELSON FISHER. Deep cerise pink.

WHITE PERFECTION. Pure white. Blooms 3 in. and over in diameter. Beautifully fringed.

VICTORY. Many carnation growers say it is the finest scarlet color of any carnation.

Special Offer No. 411. The 6 for **50c.**

COLEUS.

Each, 15c; the 2 for 25c; 12 for $1.00; 100 for $5.00.

ANNA PFISTER. Pointed leaves 6-8 in. long with deep scalloped edges, giving it a Croton-like appearance. Color of the foliage is a bright golden yellow intermingled with green and crimson. Habit of growth is compact and bushy, rarely attaining a height of over 6-8 in. and 10-12 in. across. We showed this in our "Grand Prize" beds at St. Louis.

JOHN PFISTER. Same character of foliage as the Anna Pfister; also the same habit and growth, the difference being in the coloring of the foliage, which is a bright crimson, edged and topped with old gold. Very striking.

COBAEA SCANDENS. One of the best and most rapid growing annual vines for porches, trellises, etc. One plant will soon cover 40 ft. of surface. **Each, 15c; 2 for 25c; doz., $1.50. Extra large plants, by express at buyer's expense, 35c and 50c.**

WINSOR. A clear silvery pink, a shade between Enchantress and Mrs. Thos. W. Lawson. The stem is just right. The flowers are larger and very fragrant.

WINONA. A beautiful pink, the shade so greatly in demand, but not found in other sorts. A pure pink without salmon or cerise in its shadings. Flowers are large and bloom on long stiff stems.

Alvina.

Bedding Plants for summer decoration are listed on Page 100.

"I received the plants purchased of you Oct. 3d. I never received a lot of plants in as good condition as they were. All are fine."
MRS. J. C. FITZGERALD, Pasadena, Calif.

Fancy-Leaved Caladiums.

McKinley Set of Carnations.

Six best and most distinct sorts. Each, 15c; any 2 for 25c; doz., $1.00; 25 for $1.75, postpaid; 100 for $6.00, by express.

ANDREW CARNEGIE. A pure-toned bright scarlet. Sport of Harlowarden. Strong grower. Early and free flowering.

BEACON. Blooms early and continues throughout the winter months. Size about 3 inches in diameter. Color, scarlet with a tint of orange. Long stiff stems.

LADY BOUNTIFUL. Color pure glistening white, size 3½ in., perfect form, very fragrant. A strong feature is its wonderful blooming qualities.

ROBERT CRAIG. An ideal Xmas scarlet, with enormous blooms, 3¼ to 3½ in. in diameter. A healthy grower, strong, vigorous and free.

ROSE PINK ENCHANTRESS. A pure clear pink flower, without markings, having the extra large size and the other good qualities of Enchantress.

WHITE LAWSON. A sport from Mrs. Thomas W. Lawson, having all its good qualities, differing only in color, which is pure white.

Special Offer No. 410. The McKinley set of Carnations, for **50c**, postpaid.

Fancy-Leaved Caladiums.

These have grown very rapidly in popular favor for the decorating of the conservatory, greenhouse and window boxes, also for planting out of doors when the ground has become warm, in partly shaded, sheltered borders, in well enriched, light soil, while for exhibition plants during the summer and fall months nothing can equal their beauty.

Each, 30c; any 2 for 50c; any 6 for $1.50; the set of 12 for $3.00, prepaid.

ALFRED MAME. Deep velvet glossy red center; green border, spotted slightly with lighter red.

BERTHA S. EISELE. Large snow white center, with large blood-red spots, narrow green border.

HEDWIG ELSE NEHRLING. Bluish green with a white midrib. Profusely spotted with transparent pink, edged with white.

HILDEGARD HEHRLING. One of the grandest glossy white suffused with green. Red midribs and veins.

JACOB WEISS. Rich orange, scarlet center, glossy green ground. Brilliant red ribs.

LORD DERBY. Transparent deep pink with green midrib and veins.

L'AUTOMNE. A magnificent variety. Large creamy-white leaves spotted with large, transparent bluish blotches.

MRS. THEODORE L. MEAD. Large waxy leaves, deep green with many red spots. Center golden yellow.

MRS. OLMER AMES. Creamy white, strong suffused pink; a rare and elegant variety.

PORTO NOVO. Pure white center, bright red ribs, green border, spotted with the deepest red.

RUBENS. Dark vermillion ground with pale golden green, dark brown ribs, very beautiful.

TRUCE. White with Mother of Pearl reflection. Red ribs, becoming a beautiful pink.

STANDARD SORTS.

We have 25 other named sorts in the best standard kinds. We offer in our selection of kinds, strong bulbs, **each, 20c; 3 for 50c; 7 for $1.00, postpaid; 25 all different kinds for $3.00, by express.**

Golden Glow.

SINGLE CHRYSANTHEMUMS.

These are becoming very popular grown as pot plants or cut flowers. They are most valuable for light graceful work. Do not disbud closely.

These that we offer are our own seedlings and were much admired at the Chicago Flower Show.

SEVEN NEW LARGE-FLOWERING SINGLE CHRYSANTHEMUMS.

Price, each, 20c; per doz., $2.00.

AUGUSTA. Large flowers. Color Indian Red, shaded with bronze.

COSMOS. Beautiful lavender pink. Large flowers. Very fine.

DWARF CHIEF. Rich dark crimson with yellow center.

LADY ROSE. Light pink changing to white. Very large flowers.

POCAHONTAS. Rich copper shade. Flowers semi-double.

PORTIA. Light flesh color. Very large flowers, 3 ins. across.

RED CHIEF. Bright crimson, very large flowers, with yellow center.

CHRYSANTHEMUMS.

VAUGHAN'S NOVELTY SET FOR 1909.

Price, each, 20c; set of 6 for $1.00, postpaid, with Culture Pamphlet.

VIRGINIA POEHLMAN. The flower is almost pure white. Of good size, incurved full petals overlying each other in center, making a perfect bloom. Of very easy culture. Makes a fine pot plant.

PACIFIC SUPREME. A seedling from Glory of Pacific, which it greatly resembles in foliage, but is somewhat longer jointed. The color is a beautiful shade of pink without any shadings. It is a good variety for pot plants.

JOHN LEMON. The flowers are very large and full with beautiful velvety red florets, which are bright gold on the reverse. Very easy grower.

GOLDEN GLOW. A very early Japanese incurved, producing fine blooms. 5½ in. in diameter. Color bright yellow. Fine foliage and stem. Very easy grower.

ROSEMAWR. A mammoth rosy lilac Japanese with lighter silvery reverse. Broad, irregularly incurving petals of wonderful substance. The stem and foliage leave nothing to be desired.

WHITE CLOUD. An immense deep spreading Japanese, 8 in. in diameter. White on the edge and deep cream in the center, until fully matured when it is almost pure white. It is at its best October 20th to November 1st. The growth is ideal. Exceedingly heavy stem and large foliage to the flower.

EXHIBITION SET.

Price, each, 15c; any 3 for 40c. The exhibition set of 6 for 75c, postpaid.

GOLDEN CHADWICK. A large perfectly built incurved flower of a deep lemon color. The best all-round chrysanthemum.

GOLDEN DOME. Very large flowers. Strong stiff stems which hold the flowers erect. Fine foliage, well up to the flower. Color clear bright yellow with incurving petals. One of the finest.

MLLE. E. CHABANNE. An immense flower of the most beautiful shade of rosy pink, with bright shadings; very much the form of Beatrice May, and comes into bloom about Nov. 1. Fine for exhibition.

MISS ALICE ROOSEVELT. Snow white, Japanese incurved with broad florets. Good stem and foliage. The bloom is as solid and firm as if cut out of ivory. Lasts for weeks after cutting.

MISS CLAY FRICK. A very large Japanese incurved of pure snow white. Flowers are 8 ins. in diameter.

S. T. WRIGHT. This is certainly one of the largest chrysanthemums ever grown. It is red and gold of gorgeous shades, until it shows pure red. Strong upright grower.

SMALL FLOWERING SINGLE CHRYSANTHEMUMS.

Price, each, 15c; per doz., $1.50.

EDELWEISS. Flowers semi-double. Pure white with yellow center. Very free bloomer.

BUTTERCUP. Deep yellow flowers in great number. Fine for pot plants.

GUIDING STAR. Pure white with narrow twisted petals. Very fine.

RED MISPHA. Dark red flowers with yellow center. Makes fine pot plant.

SWEETNESS. Clear yellow. In this we have a sweet scented Chrysanthemum. The fragrance is very distinct and sweet.

Special Offer No. 413. **The 5 Single Chrysanthemums for 60c, postpaid.**

SUMMER FLOWERING SET.

We have all wanted an early flowering Chrysanthemum, and now in the following we offer a new race that will furnish an abundance of flowers from August until frost. **Be sure to secure this collection.**

Price: Each, 15c; 3 for 40c; 12 for $1.50, prepaid.

G. GRUNERWALD. A very fine variety of the Japanese section, being one of the earliest of all, expanding the first flowers in the beginning of August and extending its flowering period well into November. The flowers average 4-5 in. in diameter, color light pink.

PARISIANA WHITE. A fine Japanese, flowering in the open air from the beginning of August to mid-October. Flowers pure white, full, 4 to 5 in. across.

GOACHER. Crimson and gold, of fine size, blooming in August and September.

CARRIE. 4-in. flowers of a deep golden yellow, blooming freely from August to October.

Special Offer No. 414. **Summer Flowering Set, 4 for 50c, prepaid.**

CHRYSANTHEMUM SET. *For Pot Culture.*

The following list is a selection from over 100 sorts, and embraces the best sorts for pot culture. All early flowering sorts and large handsome flowers.

Each, 15c; 3 for 40c; 12 for $1.00, postpaid.

A. J. BALFOUR. A grand Japanese. Color clear rose pink.

CLEMENTINE TOUSET. The best of early whites. Large handsome flowers.

DIRECTEUR GERARD. Grand large blooms of a deep golden yellow. Japanese incurved. Early.

GARZA. This variety makes a fine bush plant. The flowers are white, single row of broad petals, anemoned center.

GEO. W. CHILDS. The most beautiful dark crimson sort; looks like crimson velvet.

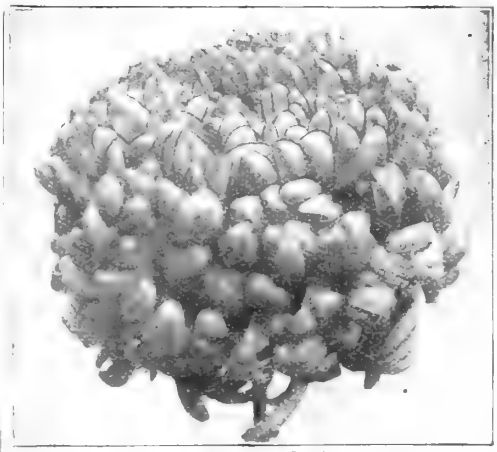
GOLDEN AGE. A slightly reflexed intense yellow Japanese type.

MAY FOSTER. One of the most popular white varieties. Fine large, pure ivory flowers.

MRS. WM. DUCKHAM. Beautiful golden yellow, of immense size.

MONROVIA. Early Japanese variety of large size. Color, bright yellow.

WINTER CHEER. Closely incurved Japanese variety. Color a deep cerise pink. Extra fine.



Miss Clay Frick

Special Offer No. 412. **Pot Culture, set of 10 for 65c, postpaid.**

DRACAENAS.

INDIVISA. One of the best center plants for vases, urns and large pots. It stands full exposure to the sun, and has long, narrow, graceful foliage. Each, 15c; 6 for 60c, postpaid. Medium size, 4 in. pots, each, 25c; 6 for $1.00. Large size, each, 50c, 75c and $1.00.

LINDENI. Beautifully variegated broad green foliage and golden-yellow stripes. Strong plants, 10-12 in. high, each, by express, size A, $1.00; size B, $2.00; size C, $3.00.

SANDERIANA. European novelty. Leaves small, glossy, marked bright green and creamy white in vivid contrast. Best center plant for fern-dishes. Each, 50c, postpaid.

TERMINALIS. Rich crimson foliage, marked with pink and white. 4-inch pots, 12 inches high, each, 50c; 6 for $2.50, by express.

POMPON CHRYSANTHEMUMS.

Price each, 15c; any 3 for 40c; 12 for $1.00. The Pompon Set of 10 for 85c; 2 sets for $1.60, postpaid.

AILEEN. Clear soft rose.

CHARLOTTE. Deep rich bronze.

GOLDEN FLEECE. Clear lemon yellow.

JERSEY BEAUTY. Light bronze.

JULIA LaGRAVERE. Fine deep red.

KLONDIKE. Deep golden yellow.

LA PURITY. Pure snow white.

MAGNIFICUS. Creamy white.

PANAMA. Bright red.

UNIDA. Small flowers, clear yellow

We received 16 First Prizes and 3 Second Prizes on 20 entries of Chrysanthemum plants at the National Flower Show, Chicago, November 1, 1908.

5 New Paeony-Flowered Dahlias.

The new Paeonia-flowered Dahlias raised by Mr. Hornsveld of Holland have created a sensation among Dahlia growers at European flower shows during the past season, having been awarded high honors in England, France, Germany and Holland. The flowers are semi-double, having 3 to 5 rows of long wide flat petals with shorter inner petals, showing the yellow center. The flowers measure 8 to 10 inches in diameter. Every lover of Dahlias should have this collection.

PRICE: We offer these kinds ready for delivery after April 15th in plants from 2½-in. pots, **each, 25c; 12 for $2.50, by express.**

We have a limited stock of strong undivided field roots and offer, while stock lasts, **each, 75c; the 5 for $3.00, by express.**

BARON DE GRANCY. 6-in. flowers with a double row of pure white petals; very fine.

JEANNE CHARMET. Flower 7 to 8 in. in diameter. Long, wide, loosely formed petals. Center covered with short petals. Color bright pink with crimson edges. Fine long stems. Early. Extra fine.

QUEEN EMMA. Lively rose and yellow margined. Very large and strong long stems.

GLORY OF BAARN. Beautiful rose pink, extra fine.

GERMANIA. Brilliant carmine, 4 rows of petals, compact growth.

Special Offer No. 422. One each of the above 5 grand Paeonia-flowered Dahlias for **$1.25, postpaid.**

14 Mammoth Decorative Dahlias.

PRICE: Each, 20c; 6 for 75c; 12 for $1.50, in small size bulbs or large plants. **Per 100, by express, $10.00.**

Large undivided roots, **each, 50c; 3 for $1.25; 12 for $4.00, by express.**

BONNARD'S YELLOW. Extra large flowering of a deep yellow.

BERWYN. Wide flat petals; rich velvet crimson. Very large.

CLIFFORD W. BRUTON. Bright golden yellow. Very early.

CAPTAIN JACK. Clear, dark scarlet.

GOLIATH. Deep garnet red with long stems.

HENRY PATRICK. A pure waxy white. It blooms very freely, producing flowers from 5 to 7 in. in diameter.

HOHENZOLLERN. Deep dark crimson.

MRS. WINTERS. This is an exceptionally large, pure waxy white sort; flowers measuring 5 to 7 in. in diameter.

MARIPOSA. Salmon pink, lemon center.

MATCHLESS. A grand variety. It is dwarf and branching, strong and vigorous, overlaid with dark velvety maroon. Early and profuse bloomer.

PRES. F. FAURE. Broad, thick petals. Color deep purplish crimson.

Storm King. Pure white, extra fine.

SYLVIA. A most decorative variety. Flowers about 5 in., of fine form and full to the center, which is white shading to soft pink on the rim. Petals of great substance, giving it a shipping quality not possessed by any other variety. The plant is a strong healthy grower, averaging 5 ft. and bushy. An early and profuse bloomer. The fine shapely flowers are set on very long stems.

WM. AGNEW. Flowers are large, measuring more than 7 in. in diameter. Color is the richest shade of intense dazzling red.

Special Offer No. 418. One each of the above 14 mammoth Dahlias in first size for **$1.50, postpaid.**

20 New and Rare Dahlias.

PRICE: Each, 25c; any 12 for $2.50, postpaid, in first size bulbs or plants. **Large dormant roots,** while stock lasts, **each, 50c; any 6 for $2.50, by express.**

AMBASSADOR. Cactus. The flowers are large, pure white and of beautiful form, long pointed petals. They are borne on extraordinarily long stiff stalks, the best white Cactus Dahlia in this respect.

ALEXANDER IMMER. The darkest colored Cactus Dahlia of the present time. The flowers are almost black, showing very little of the dark plum color. Center petals are flat, outer half curled and incurved. Very odd on account of its color.

CITIZEN. Cactus. Deep chestnut brown, shaded with purple. Fine form.

DAVID HARUM (Seedling No. 1). Large flat flowers. Decorative type. Measuring 6 to 7 in. across. Thick, wide petals, full to the center. Color bright orange scarlet with deep crimson shadings. Flower stalks are strong and hold the flowers up well above the foliage. Very free blooming habit and early. Height 4 ft. We consider this one of our finest decorative Dahlias.

FRUTE. The "Peach Dahlia." Form cactus, long curled petals and full to center. Color delightful, outer petals soft pink, changing into cream towards the center, resembling ripe peach. One of the prettiest Dahlias in the collection.

FULLHORN. Very pretty Cactus Dahlia with long, curly petals. Color deep cerise pink with violet shadings. Plants are compact, never growing over 2 ft. in height and covered with a great quantity of flowers throughout the season.

FLORENCE M. STEDWICH. Cactus. Pure white, fine flowers, slightly incurved petals.

GAVIOTA. One of Luther Burbank's new Dahlias of the decorative type. Extra large flowers. Absolutely snow white. Long strong stems. A splendid bloomer with us after September 20th. Height 4 ft.

GRAND DUKE ALEXIS. This grand show Dahlia is one of the finest of that type. Flowers are mammoth in size. The color is pure white, shading to a most delicate and charming shell pink. Beautifully quilled and double. Very free and early.

HERZBLATTCHEN. Cactus of long tightly twisted petals, compact and full to the center. Color a deep apricot shading to carmine pink. A most profuse bloomer. Flowers are borne on long stiff stems. Commencing to bloom early in the season. Height 3 ft.

KATHERINE DUER. Novelty from Newport gardens. The flowers are of immense size, 7 in. across; they open out flat and show no center; the petals are wide and rounding. Color, the most beautiful glowing scarlet without markings. The plant is a strong grower. Height 5 ft.

LAVINE. Cactus. Pure white, large flowers and of excellent form; fine bloomer.

MONT BLANC. Cactus. White, with long pointed petals, slightly incurved. Strong grower.

MRS. KENTWELL. Decorative type; many of the flowers measure 7 in. across. Heavy, wide, thick petals. The flower stalks are strong and heavy, throwing out numerous branches bearing long stemmed flowers. The color is a deep velvety crimson. Outer half of petals shading to a deep wine color. One of the grandest Dahlias in our entire collection. Height 4 ft.

MRS. P. WYNDHAM. Decorative Dahlia, with wide, flat petals. The flowers are large and flat. Color, apricot shaded to salmon in the center. Very free and early.

SOUV. DE GUSTAVE DOAZON. The flower measures 6 in. in diameter and of the decorative type. Large, wide, thick petals of great substance. Color a pleasing shade of orange red. Very free bloomer. Strong and robust, growing 5 ft. high.

TORPILLE. Cactus with long pointed petals. Flower 4 in. across and of a deep cherry wine color, with the reverse side of petals striped with faint lines of white. Very pretty and showy. Rather late, blooming with us October 6th.

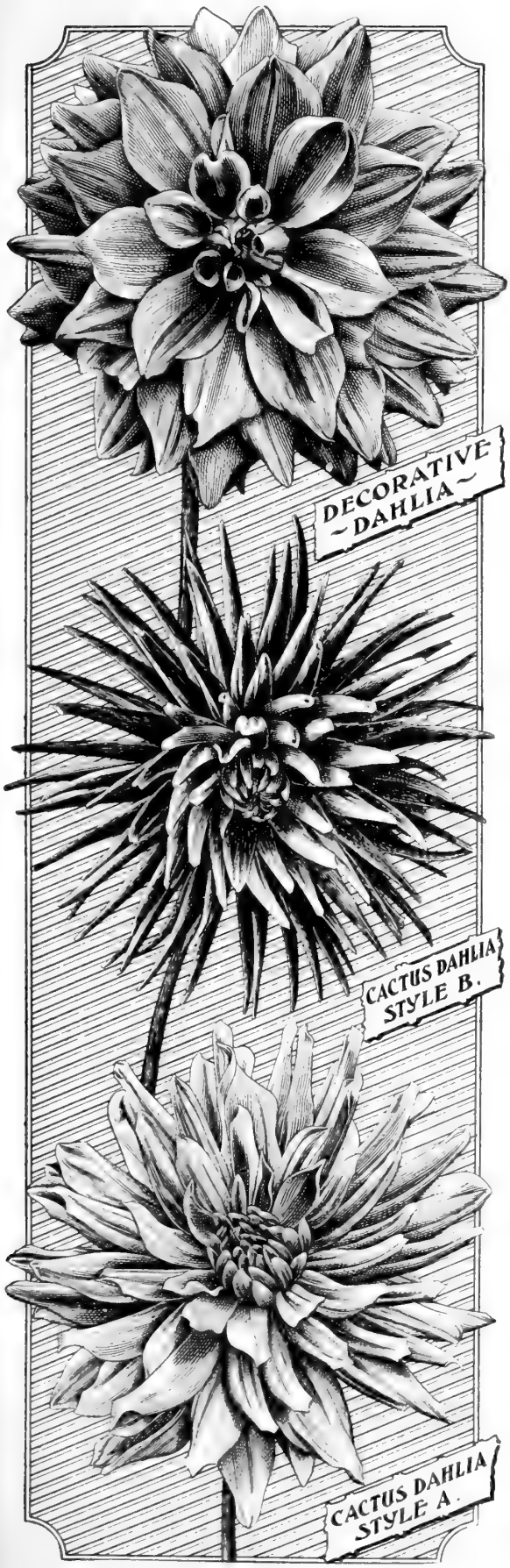
VERSCHWENDUNG. Cactus. Brilliant red shaded with purple. Very fine. Strong, free bloomer.

WINSOME. Very fine pure white incurved cactus variety. Flowers are medium size and of fine form.

WM. KINGSTREE. Very large flat flowers of the decorative type. Does not show center. Large, wide, flat petals. Color bright cinnabar-red. Strong, heavy grower. Very free and early. Extra good.

Special Offer No. 419. One each of the above 20 grand new and rare Dahlias in first size for **$4.00, prepaid.**

Special Offer No. 420. You may select any six sorts of the above 20 kinds in first size for **$1.35, postpaid.**



VAUGHAN'S DAHLIAS.

Thirty Choice Chrysanthemum or Cactus Dahlias.

We offer below 30 choice cactus sorts; all are of the long curled, pointed-petaled type of the form and shape of the illustration on this page **(Style B).**

ALT HEIDELBERG. Large flower; brilliant orange scarlet, slightly incurved.
AUNT CHLOE. Flowers almost black, very odd on account of their color.
BURBANK. Deep clear dark red. Excellent bloomer, never under any circumstances shows the least symptom of an open center, no matter how dry the weather or poor the soil.
CORONATION. Bright fiery scarlet, as effective as a geranium; a gem for garden and for cutting; flowers medium size; very compact and early.
COUNTESS OF LONSDALE. Color, a delicate apricot shading towards the edges of the petals to carmine pink. Early and one of the very best.
EVA. Of the purest white; fine shape and a very beautiful flower with slightly incurved petals.
ELECTRA. Rosy lilac, compact habit.
GOTLINDE. A grand flower of deep golden yellow, produced on long wire-like stems. The prettiest Dahlia up to date.
GEN. BULLER. Rich velvety crimson, every petal having a pure white tip.
GEISELHER. Semi-double flowers; very fine twisted petals; beautiful cerise pink.
HOLSATIA. Free flowering; orange and scarlet.
HILDEGARD WEIMAR. Medium size silvery rose flowers; fine bloomer.
INNOVATION. The finest bi-color Cactus Dahlia. The center is of a deep scarlet, the extremities of the petals are white.
JUGEND. Creamy white petals curving inward. Free and early flowering.
J. H. ROACH. A fine light yellow of perfect form; always full to center.
KRIEMHILDE. An exquisite, delicate shell-pink, shading to cream in the center. Produces 5-inch flowers.
PINK PEARL. Great rival of Kriemhilde, of a beautiful pink.
PEACE. Very handsome, and most valuable ivory white cactus variety yet produced; medium size and free flowering.
PUCK. A most profuse flowering variety of brilliant orange scarlet and exquisitely fine form; plant about 15 in. high.
ROTHER. The flowers being of perfect shape, the color is a beautiful dark velvet crimson; very early and free flowering of dwarf habit.
RAKETE. One of the freest flowering Dahlias. The flowers are of a bright scarlet color and are borne on long stems.
SANTA ROSA. One of Burbank's introductions. Exceedingly free flowering. The flowers are very large and full to center. Color a bright glowing scarlet.
STRAHLENKRONE. Pleasing scarlet of good form, very free. Flowers large.
SERPENTINA. Fine for cutting, embracing all shades from pink to deepest purple.
THURINGIA. Brilliant orange scarlet.
UNCLE TOM. Color, a deep velvety crimson, almost black.
WALTHARI. Very fine, graceful and loosely arranged flowers of a sulphur yellow.
VOLKER. Medium size; free bloomer; clear, golden yellow.
ZITRONEN VOGEL. A lovely combination of lemon color shaded with pink. Dwarf habit, about 2 feet.
ZAUNKONIG (Chickadee). Very attractive, dwarf growing variety, of a brilliant carmine with violet tipped petals. Very free.

PRICE: For strong one-eyed tubers, except noted, **each, 20c; 6 for $1.00; 12 for $1.75, prepaid; per 100, by express, $10.00.** Late in the season when dry roots or tubers become exhausted we then fill orders with strong rooted **pot plants.**

STRONG UNDIVIDED CLUMPS (while the stock lasts), each, 50c; 6 for $2.50; 12 for $4.00, by express.

Special Offer No. 415. One each of the above 30 Grand Cactus Dahlias in small size for only **$3.25, prepaid.**

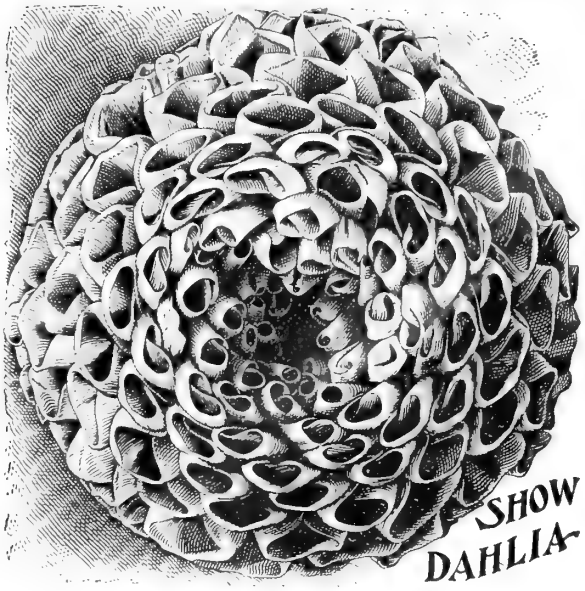
Twelve Choice Cactus Dahlias.

ALL OF THE FORM AND SHAPE OF ILLUSTRATION MARKED STYLE A.
ALBION. Very large pure white flowers, slightly shaded cream in the center.
AEGIR. Large full flowers of a rich cardinal red.
BRUNHILDE. Bright plum color, of perfect habit and form.
BRITANNIA. A delicate shade of soft salmon pink, passing to brownish apricot.
ESTRELLA. Perfect snow white Cactus with a trace of lemon yellow in the heart; most abundant bloomer.
FIGHTING MAC. Rich fiery crimson, florets curved gracefully inwards
FRAU HERMINE MARX. A beautiful pink, splendid for cut flowers.
GABRIEL. The ground color is a soft velvety crimson, the upper part of each flower for about half its length is pure snow white and much incurved.
GREEN'S WHITE. The best white Cactus Dahlia of this type **(Style A).**
INGEBORG EGELAND. One of the grandest new introductions in Cactus Dahlias. A very robust flower, exceedingly free flowering. Flowers of a rich deep scarlet.
PROGENITOR. Petals are split at the extremities, giving a most effective appearance. A brilliant scarlet and a grand sort.
PRINCE OF ORANGE. A remarkably rich shade of old gold or orange; toward the center the color brightens to beautiful yellow.

PRICE: For strong one-eyed tubers, except noted, **each, 20c; 6 for $1.00; 12 for $1.75, prepaid.** Late in the season when dry roots or tubers become exhausted we then fill orders with strong rooted **pot plants.**

STRONG UNDIVIDED CLUMPS (while the stock lasts), each, 50c; 6 for $2.50; 12 for $4.00, by express.

Special Offer No. 421. One each of the above 12 Grand Cactus Dahlias in small size, for only **$1.75, prepaid.**



Twelve Large Show Dahlias.

Every one a good one. **Each, 15c; doz., $1.50;** small roots or pot plants, postpaid. Large undivided field roots, while they last, **each, 25c; doz., $2.50, by express.**

A. D. LIVONI. A delicate rose, soft and clear; medium to large; a great bloomer.
APPLE BLOSSOM. White ground, tipped pink, very double, good size and free flowering.
CRIMSON BEAUTY. A fine rich crimson, large beautiful flowers; good form.
CAMELLIAFLORA. Very large pure white, thick Camelia-like petals.
FLORAL PARK JEWEL. Deep maroon to blush white flowers are produced on the same plant.
PRINCESS BONNIE. A fine large pure white dahlia, splendid for cutting.
FANNY PURCHASE. Large deep yellow; very fine.
GEM. Deep crimson, very double and a good bloomer; large flowers; dwarf habit.
H. SHERBER. A dwarf grower, with handsome large salmon flowers.
LILAC QUEEN. Large full flowers of a beautiful pinkish lilac, a color not often seen in a flower.
QUEEN VICTORIA. 3 ft.; pure yellow; very early and very double.
RED HEAD. Large double, bright scarlet flowers.

Special Offer No. 426. One each of the above 12 Show Dahlias in 1st size for **$1.50, postpaid.**

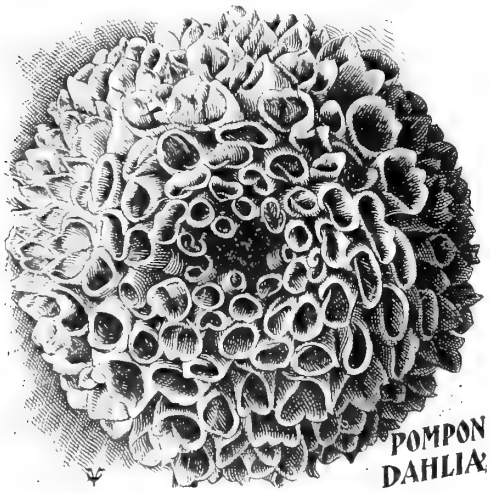
Cosmos or Single Flowered Dahlias.

Every one new and a decidedly new type in the Dahlia family; will give you as many flowers as the Cosmos and bloom earlier. Unless noted, **each, 15c; any 6 for 75c, postpaid. Per 100, $10.**

Large roots, while stock lasts, **each, 40c; 3 for $1.00; 12 for $3.00, by express.**

AMI BANILETT. Single bright crimson, combined with the dark bronze foliage makes it very attractive for lawn planting.
ALICE LEE. A beautiful single Cactus variety, with twisted petals of a clear rose, shading into white towards the center.
BUNTER ZWERG. A very dwarf grower, flowers of peculiar coloring, carmine tipped petals and of a soft metallic shade.
BLACK BIRD. Large, intense velvety maroon, almost black, red spots at base.
FASHION. Rich crimson maroon with purple shadings; large yellow center.
GOLD STANDARD. Pure single yellow, of largest size, finest form and texture. Flowers are borne on long graceful stems.
HANSA. Bright chestnut color; one of the finest formed single varieties of this selection.
PRES. VIGER. Striking and distinct, color rich claret, shading lighter at the edges with pure white collar occasionally rose tinted.
PRECIOSA. A very pleasing flower of a soft terra cotta with pinkish shade.
STOLZER RIESE. A giant single flower, 5 inch, very free blooming, of a deep cherry red, marbled carmine with white circle around the center.
TWENTIETH CENTURY. A grand single variety, entirely distinct. Is rosy crimson, tipped with white, and has a white band around the disc. As the season advances it becomes lighter, until it is almost a pure white suffused with soft pink, not variegated but beautifully blended.
WILDFIRE. The most brilliant fiery scarlet on our list; flowers very large and a free bloomer.

Special Offer No. 424. One each of the above 12 Single Dahlias for **$1.25, postpaid.**



Pompon Dahlias.

This class of Dahlias is fine for cut flowers, as they bloom more freely than the large flowered sorts. **Each 15c.** The Pompon set of 8 for **$1.00, postpaid.** Large field roots, **each, 25c; set of five for $1.00, by express.**

ALETA. Deep cerise pink.
ANNA LONDORFF. Yellow streaked carmine.
CROWN POINT. Bright scarlet.
ELFIN. A dainty Pompon variety; primrose changing to white.
ELEGANTE. A lovely bright pink, flowers of perfect form with beautiful quilled petals.
LA PETITE BARBARA. A beautiful quilled pure white.
ROSE OF CARON. Pompon variety; daybreak pink.
SNOW CLAD. The finest white Pompon; dwarf and very early.

SINGLE DAHLIA.

Vaughan's 12 Best Dahlias.

That the public may know and appreciate the wonderful advance in Dahlias and see for themselves what progress has been made, we have chosen 12 remarkable kinds and set a bargain price on the selection, which should place them in the garden of every one of our customers. These are the most distinct and showy of our list:

AMBASSADOR. Cactus. The flowers are large, pure white and of beautiful form, long pointed petals. They are borne on extraordinarily long stiff stalks, the best white Cactus Dahlia in this respect.
BURBANK. Cactus. Dark red shaded crimson.
FRUTE. Cactus. Soft rosy pink.
GRAND DUKE ALEXIS. Show. White shaded pink.
HERZBLATTCHEN. Cactus. Deep cherry wine color.
JEANNE CHARMET. Paeonia-flowered. Bright pink.
KRIEMHILDE. An exquisite, delicate shell-pink, shading to cream in the center. Produces 5-inch flowers.
MRS. KENTWELL. Decorative. Deep velvety crimson.
PINK PERLE. Cactus. Beautiful clear pink.
STRAHLENKRONE. Cactus. Deep scarlet.
SYLVIA. Show. Light clear pink.
WM. KINGSTREE. Very large flat flowers of the decorative type. Does not show center. Large, wide, flat petals. Color bright cinnabar-red. Strong heavy grower. Very free and early. Extra good.

Special Offer No. 425. We will furnish "Vaughan's 12 Best" in 1st size roots or plants, **$2.00, postpaid.**

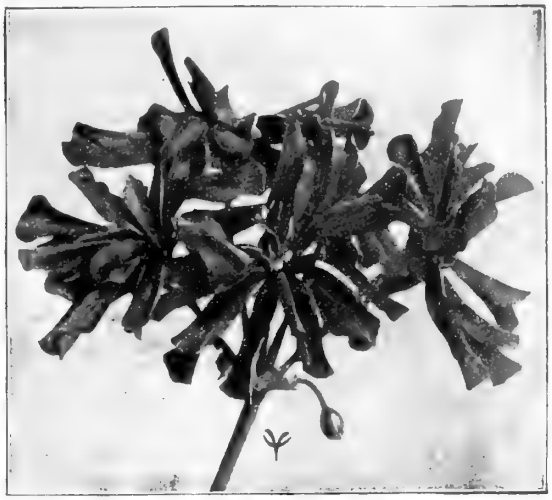
Five Cactus Flowering Geraniums.

A very unique and strikingly beautiful, distinct type which, originating in England but a few years ago, at once won a place in great popular favor as pot plants for the conservatory and window boxes, for which they are usually pleasing and attractive on account of their remarkably handsome and thrifty but dwarf growth, small foliage and marvelous profusion of bloom.

The Cactus has, by common consent, been recognized as a distinctive term applied to certain types of Dahlias, but none deserve the appellation more so than the Cactus geraniums, with their admirable elegance of form, exquisite graceful narrow curled and twisted petals, similar to those of the finest grade of Cactus dahlia.

FIRE DRAGON. Bright scarlet crimson; exceptionally striking and showy.
THE COUNTESS. Madder red. One of the best.
EXQUISITE. Flowers of a beautiful Salmon rose.
J. R. GREENHILL. Pleasing shade of delicate pink shaded lavender.
MRS. J. BROWN. Dark scarlet flowers. Very striking. **Each, 20c; doz., $2.50, postpaid.**

Special Offer No. 430. The 5 Cactus Geraniums for **$1.00.**



Cactus Geranium, The Countess.

12 BEST GERANIUMS.

Each, 10c; doz., $1.00, postpaid; 100 for $6.00, by express.

ALPHONSE RICCARD. Bruant, semi-double flowers; brilliant shade of orange-red. Fine bedder.
BEAUTE POITEVINE. Bruant, semi-double type. Immense sized trusses, beautiful shade of salmon pink. Free bloomer.
COLUMBIA. Trusses as large as Hydrangeas and of a high scarlet of dazzling brightness. If you want a mass of scarlet, this is the one to plant.
DR. BEAUMETZ. Double; a robust, free flowering variety; brilliant scarlet flowers.
JEAN DE LA BRETE. Rosy carmine, shading to scarlet; marbled white in the center; good trusses; free grower and bloomer.
JOHN DOYLE. Rich scarlet; large size trusses on long stems; a robust grower and a continuous bloomer. A universal favorite.
LITTLE PINK. 6-8 in. This is of the dwarf type, and literally covering itself all summer with trusses of double, deep pink flowers. Just the plant for borders.
LA FAVORITE. A singularly double white; very rarely "pinks." Dwarf habit and a fine bedder.
MISS F. PERKINS. A charming shade of light pink, with white throat; fine large florets; constant bloomer; is a mass of color the entire season. Stands our climate well.
S. A. NUTT. Double, rich, dark crimson; large size trusses.
SESOSTRIS. A beautiful "fancy" double rosy-carmine violet, marbled in white; a lovely color, with very large florets. Elegant for pots and does well out-of-doors.
SNOW QUEEN. A splendid, good, pure white single flowering geranium of vigorous growth and free blooming.

Special Offer No. 431. One each of the above 12 Geraniums for **$1.00,** prepaid. Geraniums in 4-in. pots for bedding out in May and June in any color, double or single; **price, per doz., $1.50; per 100, $12.00,** by express or at our Chicago store.

Pansy Geranium, Mrs. Layal.

LADY WASHINGTON GERANIUMS.

SANDIFORD'S AMAZEMENT.

In this Pelargonium we have a true variegated foliage. The leaves are variegated white and green, in decided contrast. The flowers are large, with black maroon blotches on fiery red ground, and are edged with rose. A beautiful house plant when not in bloom on account of its striking foliage. **Each, 25c; 5 for $1.00; per doz., $2.50.**

MAD. THIBAUT. White, richly marked and blotched with rose, the upper petals marked crimson maroon with large white center; petals heavily ruffled, giving it a double appearance.
MAD. VIBERT. A grand flower with black maroon blotches bordered fiery red, the flower entirely edged with rose.
CHAMPION. White delicately shaded blush, small carmine blotch on lower petals, upper feathered maroon and red.
COUNTESS. Clear salmon, large pure white center. Narrow white edge, feathered maroon in upper petals.
SANDIFORD'S BEST. Flower is a beautiful shade of pink, surrounded with a deep band of the purest white, with large white throat.
MRS. ROBERT SANDIFORD. A charming pure white large flowering variety, with finely ruffled edges and perfectly double.

PRICE of Lady Washington Kinds: Each, except noted, 20c; 3 for 50c; 12 for $1.75, prepaid.

Special Offer No. 432. One each of the 7 Lady Washington Geraniums for **$1.25, postpaid.**

PANSY GERANIUM, Mrs. Layal.

This beautiful Pelargonium is of easiest growth, dwarf in habit, and literally covered with flowers all the time; and as it requires little or no attention, it is invaluable as a window plant. The coloring and marking of the flowers are most extraordinary, light pink, white, dark purple, black, etc., almost rivaling the Pansy in uniqueness of flower. It is this combination of coloring which obtained for it the popular name of Pansy Geranium. Strong plants, **20c each, 3 for 50c; doz., $2.00.**

QUEEN ALEXANDRA.

New Giant Marguerite Double Daisy.

This South African Marguerite is a fine novelty of great beauty and usefulness. It is the only true large flowering, pure white daisy, with double, semi-double and single flowers on a single plant at one time.

However, the double and semi-double flowers predominate. Flowers average 2½ to 3 in. in diameter; very beautiful cut foliage; an excellent pot plant for winter, besides very useful for cutting. **Each, 15c; 6 for 75c; 12 for $1.00; 100 for $7.00.**

"I have been a customer of yours for eighteen years or more, and I have always found your plants and seeds just what you represent them to be. MRS. JOHN H. HANLEY. St. Joseph, Mich.

VARIEGATED-LEAVED GERANIUMS.

WILLIAM LANGGUTH. The New Silver-Leaved Geranium. The plant is of short stocky growth, beautiful deep green foliage, with broad, pure snow-white band. Most free-flowering of all its class. Flowers, double, bright red; large. **Each, 20c; 3 for 50c; 12 for $1.75.**
HAPPY THOUGHT. Green leaves, large yellow center. **10c.**
MRS. POLLOCK. (Golden Tri-Color.) Bronze-scarlet zone. **15c.**
MME. SALLEROI. Dwarf, compact grower, not more than a foot high; more universally used than any other geranium as a border; bright green leaves edged white. **10c.**

Variegated Geranium Set. The above 4 **for 50c, prepaid**

AROMATIC-SCENTED GERANIUMS.

APPLE SCENTED. Very fragrant.
ROSE SCENTED. Large foliage.

Scented Geranium Set. These two sorts for **20c, prepaid.**

IVY-LEAVED GERANIUMS.

Unless noted, each, 10c, postpaid.

CAESAR FRANCK. This new Ivy Geranium is a semi-double, with flowers 2½ in. across, in color a soft rich crimson. The flowers and trusses resemble the Crimson Rambler Rose, only much richer in color and finish. **Each, 20c; 6 for $1.00; doz., $1.75, postpaid.**
SOUV. DE CHAS. TURNER. Light scarlet, double.
BEAUTY OF JERSEY. Pink; very bright, double.
JOAN OF ARC. Only double white Ivy geranium.
GEN. CHAMPIONETTE. Double; bright scarlet.

Special Offer! The Ivy set of 5 for **50c, postpaid.**

HYDRANGEAS.

OTAKSA. Deep; rosy pink, vigorous grower, nearly hardy.
RED BRANCHED. Flowers of light cherry shade, produced in immense trusses.
THOS. HOGG. The best pure white variety.

PRICE: Each, unless noted, 15c; doz., $1.25; the set of 3 for 40c. Extra strong 2-year plants, each, 50c; the set of 3 for $1.25, by express. Large 3-year plants, each, $1.00. Large 5-year plants, in 12-14-in. tubs, $5.00 each.

HIBISCUS.

PINK HIBISCUS PEACHBLOW. Flowers are double 4 in. and of a charming rich, clear pink color, with a small deep crimson center.
GEN. DE COURTEGIS. The grandest of all single Hibiscus, bearing very large 7 in. flowers of a beautiful dazzling scarlet.

PRICE: Large size, 2-year plants, each, 30c; 12 for $3.00, by express.

MOON FLOWERS.

NOCTIFLORA. Flowers 6 in., pure white.
LEARI. Flowers deep azure blue, 2½ in.
Each, 15c; 2 for 25c. Large plants each, 25c.

Asparagus or Lace Fern.

Flowering Begonia, Gloire De Sceaux.

The leaf is a rich dark bronze with stem and under sides of leaf brownish red. The leaves are almost round and in size equal to those of a Rex Begonia. It blooms about as profusely as Gloire de Lorraine, being completely covered from January to May with sprays of deep pink flowers. Whether in or out of bloom it is a beautiful house plant. **Each, 20c; doz., $1.75.**

New Begonia, Fairy Queen.

Foliage rich, glossy green. Flowers on sprays 6 inches long, opening at first a deep pink, changing to clear rose in the full open flowers. Blooms when in 2½-inch pots. Comes into flower in January, and continues throughout the summer. Will stand bedding out like a geranium. **Each, 15c; 4 for 50c; 12 for $1.25; per 100, $8.00, by express.**

VERNON. Grand for summer bedding. Will stand the sun like a geranium. **Each, 15c; 5 for 50c; doz., $1.00, postpaid; per 100, by express, $6.00.**

FARFUGIUM GRANDE.

The leaves become immense, color clear bright green, blotched with golden yellow, fine flowers. We recommend it as a room plant. **Each, 25c.**

Salvia, St. Louis.

ASPARAGUS OR LACE FERN. (*Asparagus Plumosus Nanus*).

A beautiful plant, with bright green, gracefully arched foliage, surpassing Maidenhair Ferns in grace, delicacy of texture and richness of color. The fronds are 12 to 15 in. in length and taper to a point from a width of 12 in. One of the most beautiful decorative plants. **Each, 15c; 4 for 50c; 12 for $1.20, postpaid. Larger plants, each, 25c, 50c, 75c and $1.00 (according to size), by express.**

ORNAMENTAL ASPARAGUS. (*Asparagus Sprengeri*).

A beautifully decorative plant for porch hanging baskets, lawn vases and for planting in window or veranda boxes. But its great and effective use is as a house plant, and it can be taken indoors for winter growing after its summer use is over.

It is a vigorous grower, producing sprays 3 to 4 ft. long, of fresh green, feathery foliage.

1st size plants, each, 15c; 4 for 50c; 12 for $1.20, postpaid; 100 for $7.00, by express.

4 in. pot plants with sprays 8 to 10 in. long, each, 25c; doz., $2.00; per 100, $15.00, by express.

Larger sizes, each, 50c and $1.00.

Hanging baskets 10 in. in diameter with sprays 15 to 24 in. long, each, $2.00, by express.

ABUTILON. (*Flowering Maple*).

SAVITSI. This is one of the most beautiful variegated foliage plants, both for the house and outdoors, the variegation being pure white, the white predominating, and in some cases a great many leaves are entirely white. It is of dwarf, compact growth. Admirably adapted as a border for Cannas, Geraniums and other taller-growing plants. **Each, 15c; 5 for 60c, postpaid.**

NEW AGERATUM, LITTLE BLUE STAR.

6-8 in. The most beautiful of all Ageratums, of dwarf, bushy habit. It is extremely free blooming; the color is an intense blue, the most beautiful ever seen in Ageratums. Blooms from early spring until frost. **Each, 15c; 2 for 25c; doz., $1.20; 100, $6.00.**

NEW REX BEGONIA, "ADOLPH MENZEL."

One of the most beautiful Begonias of the Rex family ever introduced, large, handsome foliage. The coloring is magnificent, with iridescent shades of red and green, a rich flowing velvety texture, dwarf habit, and edges of leaves serrated. A splendid plant suitable for home culture or greenhouses. **Each, 50c.**

UMBRELLA PLANT. (*Cyperus Alternifolius*).

A splendid aquatic plant throwing up stems 2 to 3 ft. high, surmounted at the top with leaves. An excellent house plant, thriving in any good soil and always presenting a fresh green attractive appearance. **3-in. pots, each, 15c; 4-in. pots, each, 25c.**

MUSA ENSETE.

(Abyssinian Banana.) A grand lawn plant of easiest cultivation in the open ground in summer, or for the conservatory in winter. Plants about 12 in. high, **35c;** plants 20 to 28 in. high, each, **$1.00,** by express; large plants 4 ft. high, each, **$5.00**

PANSY PLANTS.

Grown from seed of our Prize Medal International Strain. There are no better Pansies. These should always be sent by express. Dozen (not prepaid), **50c; 25 for $1.00; 50 for $1.75; 100 for $3.50.**

PETUNIAS.

PURITY, Grand New Double. The finest Petunia ever introduced. Strong, stocky grown, never needing any support; flowers monstrous in size; very double, finely fringed. The color is pure white. Strong plants, **each, 15c; 2 for 25c; 12 for $1.25; 100 for $8.50, by express.**

PETUNIA. Finest double sorts. Propagated from cuttings; pink and variegated. **Each, 10c; 3 for 25c; doz., $1.00.**

PENNISETUM OR FOUNTAIN GRASS.

Beautiful Ornamental Grasses, valuable as specimens on the lawn and undoubtedly the plant to use as edging for a bed of Cannas, Caladiums or Hardy Ornamental Grasses. Plants ready May 1st.

RUPPELIANUM. A beautiful variety of very fine grass-like foliage.

LONGISTYLUM. Growing about 2 ft. high, producing long graceful white plumes, very effective when used as a border for Canna beds. **Per doz., $1.00; per 100, $6.00, by express.**

SALVIA.

ALFRED RAGUENEAU, 18 in. Remarkable for its dwarf and compact growth and abundance of magnificent spikes of red flowers.

FIRE BALL. 20 in. Finest of all larger flowers and more free-blooming. Bushy, compact habit. Covered with long broad flowers of the most fiery scarlet.

ST. LOUIS, 3 ft. An improved Salvia Splendens. Forms large bushy plants covered with immense flower spikes, 12 to 16 in. in length, of a vivid scarlet. Comes into flower early and continues until frost.

ZURICH. 18-24 in. Produces its wealth of flowers while very small and is in full glory early in July. The flowers are a brighter scarlet than any of the other Salvias. **Each 15c; 3 for 35c; 12 for $1.25; 25 for $2.50; 100 for $8.00, by express. Larger size, 12 for $1.50 by express.**

NEW DOUBLE BLUE LOBELIA, KATHLEEN MALLARD.

A charming plant of English introduction. A seedling from Speciosa. Large, double flowers of an intense rich deep blue color. A most desirable plant which meets favor with everyone who sees it. **Price, each, 15c; $1.50 per doz.**

SIX SURPRISE COLLECTIONS.

For May 20th.

FOR 50 CENTS we will deliver free to your address any one of the following collections. We grow immense quantities of this class of stock, but we often have a surplus and are enabled to include some of the choicest sorts.

No. 1. 8 Cannas, all different.
No. 2. 10 Roses, all different.
No. 3. 10 Geraniums, all different.
No. 4. 10 Dahlias, all different.
No. 5. 10 Carnations, all different.
No. 6. 10 Chrysanthemums, all different.
No. 7. One each of the 6 collections for **$2.50.**

50c

We cannot send out these collections before May 20th. All orders for Surprise Collections will be acknowledged and entered on our books as received. We shall commence sending them out May 20th. **Be sure and order one or more of these collections.**

BEDDING PLANTS.

We grow large quantities of this class of stock and we are in a position to execute the largest orders. Prices are for delivery after May 1st by express at buyer's expense, or delivered free to our Chicago store. All strong plants.

	Per doz.	Per 100
Alternanthera, Green or Red	$.50	$3.50
Alyssum, Sweet	.50	3.50
Alyssum, Little Gem	.50	3.50
Ageratum, Dwarf Blue	.60	4.50
Asters, from flats, transplanted	.25	2.00
Asters, from 2 in. pots	.50	4.00
Caladium Esculentum, 5 in. pots	3.00	20.00
Caladium Esculentum, 6 in. pots	4.00	30.00
Cannas to color, our sel., 3 in	1.00	6.00
Carnations to col., our sel., 2 in.	.50	4.00
Centaurea Gymnocarpa (Dusty Miller)	.50	3.50
Chrysanthemums to color, our selection, 2 in.	.50	4.00
Coleus, Bedding Var., 2 in.	.50	4.00
Castor Oil Bean, in var. 3 in.	1.00	6.00
Cosmos, Early Flowering	.50	4.00
Cosmos, Giant Flowering late	.50	4.00
Coxcomb, Pres. Thiers	.60	4.50
Dahlias, our selection, 2 in.	.75	6.00
Echeveria (Hen and Chicken)	.60	4.50
Feverfew, Dbl. White, 2½ in	1.00	8.00
Feverfew (Golden Feather), border plant, 2 in.	.50	4.00
Grave Myrtle	1.00	8.00
Geraniums, to color, 2½ in.	.75	5.00
Geraniums, to color, 4 in.	1.50	12.00
Ivy English, long vines, 4 in.	2.00	15.00
Ivy Geranium, 2 in.	.60	4.00
Lobelia, Dwarf Blue, 2 in.	.50	4.00
Nasturtiums, 3 in.	1.00	8.00
Phlox, Annual sorts	.50	3.50
Petunias, Single, 2 in.	.50	3.50
Petunias, Dbl. asst. colors, 2½ in.	.75	6.00
Roses, Teas and Hybrid Teas, our selection, 2½ in.	.75	5.00
Roses, Teas and Hybrid Teas, our selection, 4 in.	2.00	15.00
Salvias, 4 in.	1.50	12.00
Thunbergia, 2 in.	.50	4.00
Verbenas, asstd. to color, 2 in.	.50	4.00

Phoenix. *Areca.* *Ficus.* *Latania.*

Norfolk Island Pine.

Decorative Plants and Palms.

We raise these in large quantities, seven large greenhouses at our nurseries at Western Springs are constantly filled with all sizes. We ship every year many thousands to all parts of the country. The quality of our stock is unexcelled.

These make excellent presents for birthdays, holidays, etc. Customers who wish to have any of these plants shipped or delivered may depend on getting choice plants, and we shall be glad to attach cards if desired.

Besides the sizes we list we have choice and larger plants, running in prices from $2.00, $3.00, $5.00 and up to $10.00.

DECORATIVE PLANTS.

Ficus Elastica (India Rubber Tree). The large shining green leaves endure the dry air of a living room as well or better than any other plant. This is why everybody likes it. Our plants are very choice. Plants 1 foot high, each, 60c; 18 inches high, each, $1.00; 3 feet high, $2.00. By express only.

Norfolk Island Pine (Araucaria Excelsa). This beautiful house plant resembles the pine somewhat in appearance, though much finer in texture. Plants 12 inches high, each, $1.50; 14 inches, $2.00; 18 inches, $2.50, by express only.

Pandanus Veitchii Leaves are light green, beautifully marked with broad stripes of pure white and gracefully curved. Each, 50c; large plants, 15 inches high, each, $1.00; larger plants, from $2.00 to $5.00 each, by express.

PALMS.

Areca Lutescens One of the most decorative plants, always graceful and artistic. Plants 10 inches high, each, 25c; 15 inches high, each, 50c; 2 feet high, $1.50, by express.

Kentia Palm The most popular parlor palm we grow. Hardy and rugged under all kinds of treatment. Plants 10 inches high, each, 50c; 15 inches high, each, 75c; 2 feet high, $2.00, by express.

Latania Borbonica Of easy culture and rapid growth. Large broad fan shaped, glossy, dark green leaves, 10 inches high, 25c; 15 inches high, 50c; 20 inches high, $1.00, by express.

Phoenix Reclinata (Date Palm). One of the hardiest of palms; 5-inch pots, each, $1.00, by express.

THE BOSTON FERN. *Nephrolepis Bostoniensis.*

This is a wonderfully healthy, rapid growing and graceful house plant. In great demand. Many people have bought it in preference to the finest Palms or Rubber Plants. Thrives in all rooms, gas or furnace heat does not seem to injure it.

Price, Prepaid.

1st size, each, 2½-inch pots, 15c; 3 for 40c; 12 for $1.50.
2d size, each, 3-inch pots, 25c; 3 for 60c; 12 for $2.00.
3d size, each, 4-inch pots, 50c; 2 for 75c; 12 for $4.00.

Price, by express, at buyer's expense.

4th size, each, 5-inch pots, bushy plants, 75c.
5th size, each, 6-inch pots, extra large and full, $1.00.
6th size, each, 7-inch pots, extra fine plants, $2.00.
Specimen plants, like cut, each, $3.00 to $6.00.

NEPHROLEPIS TODEAOIDES. *Todea or Filmy Fern.*

This is an English introduction that has received a first class certificate from the Royal Horticultural Society and the Botanical Society of London. It is entirely distinct from all others. Of compact growth and bold heavy foliage, which is distinctly tripinnate and admired by everyone who sees it.

1st size, each, 25c; 2nd size, each, 35c; 3rd size, each, 50c, prepaid.
1st size, per doz., $2.50; 2nd size, per doz., $4.00; 3rd size, per doz., $5.00; 4th size, each, 75c, per doz., $8.00, by express, at buyer's expense.

FERNS FOR HOUSE CULTURE.

Each, 15c, any 2 for 25c; or the 5 for 50c, postpaid: **Cyrtomium Falcatum** (Holly Fern). Thick, dark green leaves. **Pteris Alba Lineata.** A variegated variety, white and green. **Pteris Wimsetti.** Fine for fern pans and house use; crested. **Pteris Serrulata Cristata.** Dwarf and bushy, graceful foliage. **Maiden Hair.** A very graceful Fern and easily grown.

Nephrolepis Whitmani.

Spokane, Wash.—The Palms which were sent by freight arrived in fine shape and were fine Palms. Thank you for the selection and attention.
ROSE WRIGHT.

THE NEW OSTRICH PLUME FERN, "WHITMANI."

In this we have unquestionably the most valuable Nephrolepis of the Ostrich Plume type yet introduced. Not only is it of dwarfer and more compact habit than the N. Elegantissima, but the pinnae being more deeply divided gives the plant a much more graceful appearance, while another important point in its favor is the fact that not a single frond has ever reverted to the common Boston Fern.

1st size, 15c each; 2nd size, 25c each; 3rd size, 50c each, postpaid.
4th size, 75c each; 5th size, $1.00 each; 6th size, $2.00 each, by express at buyer's expense.

NEPHROLEPIS AMERPOHLII.

The Philadelphia Lace Fern.

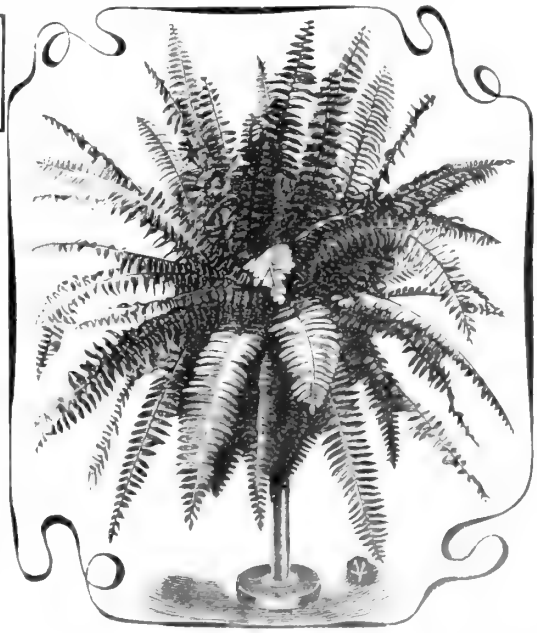
This is the latest addition to the Ostrich Plume type and has proven a popular variety. The pinna is so evenly divided that it reminds one of a piece of lace. It forms a beautiful specimen and is admired by everybody who sees it.

1st size, each, 25c; 2nd size, each, 35c; 3rd size, each, 50c, prepaid.
1st size, per doz., $2.50; 2nd size, per doz., $4.00, by express at buyer's expense.
3rd size, per doz., $5.00; 4th size, each, 75c; per doz., $8.00, by express at buyer's expense.

NEPHROLEPSIS SUPERBISSIMA.

The fronds are very heavily imbricated, the pinnae overlapping, making the fronds dense and compact. In color, it is also different, being of a richer, darker green. The plant is very sturdy in its habit, the fronds never break down. It makes a much more dwarf and compact growth, the fronds being very dense, firm and rigid, it will stand more knocking around than any other fern of its type.

1st size, each, 50c; 2nd size, each, 75c; 3rd size, each, $1.00, prepaid.
1st size, per doz., $5.00; 2nd size, per doz., $9.00; 3rd size, per doz., $12.00, by express at buyer's expense.



Boston Fern.

ROSE SPECIALTIES FOR 1909.

White Killarney.

Rose Growing at Western Springs.

WE grow young rose plants only. We do not grow cut flowers. The best healthy wood is used for propagation and is not exhausted in bearing flowers. Our heavy soil is exactly adapted to rose growing, besides holding the roots in fresh and natural condition for mailing or expressing. Rose plants as we grow and pack them, go safely to long distances, even all Pacific Coast towns and cities.

With special fast mail service in every direction from Chicago, our mail and express packages of all greenhouse plants are much more satisfactorily handled **than from cities less centrally located.** We guarantee arrival in satisfactory condition of all our greenhouse shipments.

Roses by Mail. Unpack immediately. Do not expose roots, but place at once in a shallow dish of tepid water. Toward evening carefully plant in good mellow soil, thoroughly firming the moist earth around the roots. Shade from the midday sun just after planting.

Roses by Express. Are usually packed with all or part of the earth adhering to each plant; they invariably arrive in good order. If the balls of earth are dry, hold carefully in a pail of water for a moment, then plant, firming the soil thoroughly around the balls. Shade is not necessary.

We were awarded a Gold Medal for our Roses, Cannas and Pansies at the Buffalo Exposition.

TRY OUR LARGE SIZE PLANTS.

WHITE KILLARNEY.

Identical with the ever-popular and well-known pink Killarney. It is perfectly hardy with light protection. A strong robust grower, flowering very freely throughout the season. The flowers are very large, buds long and pointed. Each, 50c; $5.00 per dozen, by express.

MAD. CONSTANT SOUPERT. (*Tea.*)

The most beautiful tea rose introduced during the last ten years. The long buds are borne on long, stiff stems; color, yellow, retouched with peach pink, are of perfect shape and double. The buds open slowly and perfectly and when fully expanded the color is a delightful golden rose. The flowers are very sweet and when cut will last in water for a week. Very free flowering. Without a rival for forcing. This rose was awarded the prize of honor at Dusseldorf, the gold medal at Liege and at Paris.

MAD. SEGOND WEBER. (*Hybrid Tea.*)

This novelty, a cross between Antoine Rivoire and Souv. de Victor Hugo, is one of the most desirable of recent introductions. The color, a pure fresh salmon rose, is entirely new among Hybrid Teas. The flowers are very large, composed of large, firm petals, cup-shaped, of regular form and last a long time. The buds are pointed, oblong and are borne upright on long, rigid stems. The habit of the plant is irreproachable, the foliage vigorous and abundant. It is an ever-bloomer, flowering from early spring until late fall, rendering it most desirable for forcing and bedding. We have closely watched this rose for the last 10 months and we consider it a variety of great promise.

YVONNE VACHEROT. (*Hybrid Tea.*)

We consider this new rose of great promise, both for cut and as a pot rose. The plants are of vigorous growth, with clean and abundant foliage. The stalks are long, stiff and strong, the buds long, solid and of very pleasing shape. The color of the bud is a fresh clear pink a shade which is well liked and will prove a good seller. We recommend this new rose with confidence.

Price of the above 3 new Roses, each, 35c, postpaid; doz., $3.50, by express.

FARBEN KONIGIN. (*Hybrid Tea.*)

Strong upright grower, free flowering, large and double. Buds long. Like a LaFrance in appearance, color brilliant salmon rose with silvery sheen.

1st size, each, 25c; doz., $2.50, postpaid.
2nd size, each 35c, doz., $3.50, by express
4th size, each, 50c, doz., $5.00, by express

MME. JENNY GILLEMOT. (*Hybrid Tea.*)

A fine upright grower, branching habit. Buds long and pointed. Color deep saffron yellow with dark golden shadings. Very free bloomer.

1st size, 25c each; $2.50 per doz., postpaid.
2nd size, 35c each; $3.50 per doz, by exp.
3rd size, 50c each; $5.00 per doz., by exp.

Mad. Constant Soupert.

"*RED KAISERIN*". (*Hybrid Tea, Mme. Jules Grolez.*)

In this new Rose we offer a red Kaiserin Augusta Victoria. It is similar to the white in foliage, habit, shape and size of bloom, but the color of the flowers is a beautiful cherry-red.

If you want Roses to cut all summer be sure to include Red Kaiserin in your collection.

1st size, each, 20c; doz., $2.00, postpaid.
3-inch pot plants, each, 25c; doz., $2.50, by express.
4-inch pot plants, each, 40c; doz., $4.00, by express.
Two-year-old dormant plants, 50c; doz., $5.00, by express.

MAGNOFRANO. (*Hybrid Tea.*)

One of the most desirable Hybrid Tea Roses. A strong, compact grower, and a constant and profuse bloomer, with extra large flowers, full, deep and double, and deliciously Tea scented. The color is bright, deep, rich shining rose.

1st size, each, 20c; doz., $2.00, postpaid.
3-inch pot plants, each, 25c; doz., $2.50, by express.
4-inch pot plants, each, 40c; doz., $4.00, by express.

COUNTESS OF GODSFORD. (*Hybrid Tea.*)

Awarded the Gold Medal of the National Rose Society, London, 1905. It is a strong grower, with a free branching habit and bold foliage, a profuse bloomer. It is unsurpassed among hybrid teas. Its color is a distinct salmon pink and the base of the petals suffused saffron yellow and the whole bloom shaded salmon. The flowers are of perfect form, large, full, very long and pointed. Petals large and of great substance.

2-year-old plants, each, 75c; doz., $8.00, by express.

THE LYON ROSE. (*H. P.*)

A vigorous grower, very large flowers. Color shrimp pink at end of petal, coral red center, shaded with yellow, very fragrant.

2-year-old plants, $1.00 each, by express.

Rhea Reid. A new Hybrid Tea of American origin. Flowers as large and full as the American Beauty. Deliciously fragrant. Color rich bright cerise in summer and dark red in winter. Very free blooming and of easiest culture. First size, each, 25c; doz., $2.50, by express.

Special Offer No. 437. For $1.25 we will send postpaid one each of the following 5 new roses: Alice Roosevelt, White Baby Rambler, J. B. Clark, Mildred Grant and Mrs. Potter Palmer. All for $1.25, postpaid.

Special Offer No. 438. Five New Roses, one of each: Red Kaiserin, Magnofrano, Countess of Godsford, Mme. Jenny Gillemot, Farben Konigen, in the large size, for $3.00, by express, at buyer's expense.

Special Offer No. 4102. For $1.00 we will send postpaid to any address in the United States or Canada one plant each of the following ten grand roses: American Beauty, Crimson Baby Rambler, White Baby Rambler, Clothilde Soupert, The Bride, Maman Cochet, Gruss an Teplitz, Richmond, Annie Muller and our new rose Red Kaiserin. All these roses are described elsewhere in this catalogue. If bought separate would cost $1.70. We will send all prepaid for only $1.00.

NOTE. Pot grown roses should not be planted out of doors until all danger of frost is past.

BABY RAMBLER ROSES.

We were the first to offer the Crimson Baby Rambler Rose in America. This Rose has come to stay and is a favorite everywhere on account of its hardiness, free blooming habits and adaptability as a pot Rose and for bedding purposes.

The two new Baby Ramblers which we offer possess the same qualities as the Crimson Baby and form a collection of three bedding Roses which should be in every garden.

Vaughan's White Baby Rambler was offered by us for the first time. We have splendid stock propagated from healthy plants which will start to bloom as soon as planted out.

The Pink Baby was imported by us direct from France last year, from the originator of the Crimson Baby.

Crimson Baby Rambler.

CRIMSON BABY RAMBLER.

This new French Rose (Mme. Norbert Levavasseur) is a cross between Crimson Rambler and Glory of Polyanthus, retaining the color of the former with the exceedingly free flowering habit of the latter. The flowers are borne in clusters of 30 to 40, and the foliage is dark, glossy and profuse. During the five years we have grown this plant in our greenhouses it has never been without flowers. A large bed in our grounds was constantly in bloom until November, even in the hottest weather. This is a remarkable record. We have grown thousands of varieties, but have never met one that possessed all these remarkable qualities combined.

PRICE: All strong plants showing flowers and buds. The first size singly, in threes and in dozens can be sent prepaid by mail; other sizes are too large to mail and must be sent by express at buyer's expense.

	Each	3 for	Doz.	Per 100
2½-in pot plts.	.15	.40	$1.50	$10.00
4-in. pot plants.	.50	1.00	3.00	22.50
5-in. pot plants.	.60	1.50	5.00	40.00
2-year dormant field grown, extra strong..	.50	1.25	Ppd 4.00	30.00

Tree Baby Rambler. Budded on Rugosa stock in tree or standard shape. Fine 2 year old heads on 2 and 3 ft. stems, which will give you a tree rose in flower all summer and fall. **PRICE: each, $1.00; 6 for $5.00. All by express.**

VAUGHAN'S "WHITE BABY RAMBLER."

In this bush rose we have a true white Baby Rambler. Imported by us from Germany. After growing it for 2 years we are more than pleased with it, as the plants have never been out of bloom. The flowers are borne in clusters of 50 to 75 individual flowers, 1 in. in diameter and pure snow white. A bed of this Rose is like a bank of snow and as sweet as honey.

The foliage is dark and glossy and finely cut. Does not grow over 12 inches in height, forming very bushy plants. For cemetery use of great value, being perfectly hardy.

2½-in. pot plants, in bud, each, 15c; doz., $1.50; per 100, $10.00. 3-in. pot plants, each, 25c; doz., $2.50; per 100, $20.00. 4-in. pot plants, each, 40c; doz., $4.00; per 100, $30.00.

The prices on the 2½ and 3-in. plants include prepayment; the 4-in. plants are sent by express at buyer's expense.

BABY DOROTHY.

The New Pink Baby Rambler.

(Maman Levavasseur.)

Compared to the well-known Crimson Baby Rambler Rose, which we were the first to introduce to the American trade, this lovely new rose is just as vigorous and free blooming, with the difference that the flowers are a very bright and pleasing rose-pink. It is perfectly hardy and blooms from Spring to Fall, and as a pink bedding rose it has no equal. It is, if possible, even more free blooming than the Crimson Baby, both in number of spikes produced and in the number of flowers to the spike. We have counted as many as 100 blooms to a cluster on 3-year-old plants.

2½-in., each, 25c; doz., $2.50. 3-in., each, 35c; doz., $3.50. 4-in., each, 50c; doz., $5.00.

Special Offer Baby One each of the Three Babies, **Crimson, White** and **Pink, 50c, postpaid.**

New Double White Rugosa, Nova Zembla.

In this new variety we have all the characteristics which make the Rugosas so valuable and in addition beautiful pure white, full, double flowers, of fine form, both in bud and full bloom. Flowers are produced most freely. Perfectly hardy.

2½-in., each, 25c. 3-in., each, 35c. Strong 2 year old plants, each, 50c.

NEW ROSE, "ANNIE MULLER."

(Also called by some a Pink Baby Rambler.)

A cross between Crimson Rambler and George Pernet. The freely branching plants attain a height of about 24 inches, somewhat similar to the Red Baby Rambler, the numerous flower stalks containing fifty to sixty flowers and buds at one time. Flowers cerise pink, measuring 2 inches in diameter, with a double row of twisted petals; center chrome yellow. Perfectly hardy.

2½-in. pot plants, each, 20c; 3 for 50c; doz., $1.75, prepaid; per 100, $12.00, by express. 4-in. pot plants, by express, each 50c; 3 for $1.25; doz., $4.00; per 100, $30.00.

SCHNEEWITCHEN. (Snow Fairy.) A new Polyantha Rose similar in habit of growth to the Baby Ramblers. The white flowers are produced in large candelabra-shaped bunches throughout the season. Very sweet.

1st size, each, 25c; doz., $2.50, prepaid. Strong, 4-in. pot plants, each, 50c; doz., $5.00, by express.

Special Offer No. 436. One each Annie Muller and Schneewitchen, **1st size, for 35c, postpaid.**

5 CHOICE NEW ROSES.

MRS. POTTER PALMER. A new American rose sport from Mme. Chatenay. Flowers are large and full, color a bright clear pink, and deliciously fragrant. Hybrid Tea.

Each, 25c; doz., $2.50; per 100, $20.00.

ALICE ROOSEVELT. A grand new rose of very free flowering habit. Flowers are large and very full, color a deep cerise pink, very fragrant. Hybrid Tea.

Each, 25c; doz., $2.50. 4-in. pot plants, each, 50c; doz., $5.00, by express.

"BETTY." Deliciously perfumed blooms large, fairly full, good form. Color a coppery rose overspread with golden yellow. Never out of bloom from June until frost. Hybrid Tea.

Strong plants, 3-in. pots, each, 35c; 3 for $1.00; doz., $3.50, by express.

J. B. CLARK. Growth is strong and upright, very vigorous. Blooms are large and beautifully formed; flower very full and long. Color intense scarlet, strongly fragrant. Hybrid Tea.

Each, 25c; doz., $2.50. Two year old plants, each, 50c.

MILDRED GRANT. New Hybrid Tea of vigorous upright growth. Flowers of the largest size, pure white, delicately tinted with light pink.

1-year-old plants, each, 25c; 5 for $1.00. 2-year-old plants, each, 50c; doz., $5.00, by express.

NOTE. **POT GROWN ROSES SHOULD NOT BE PLANTED OUT OF DOORS UNTIL ALL DANGER OF FROST IS PAST.**

12 Best Hybrid Tea Roses *For Cut Flowers.*

This collection will furnish Roses all summer; they are all perfectly hardy, with light protection.

AMERICAN BEAUTY. The largest, sweetest and best of all Hardy Roses. It is a genuine hardy, everblooming rose, valuable both for house and garden culture. Color is rich crimson; its fragrance is wonderfully sweet. **Each, 20c; 3 for 50c; 12 for $1.75, postpaid.**

DINSMORE. Flowering very freely the whole season; flowers large and double; deep crimson; perfectly hardy.

ETOILE DE FRANCE. This new crimson Hybrid Tea rose is of French origin and is, we believe, destined to become very popular. Certainly for out door blooming, Etoile de France will surpass any red rose in cultivation. The buds are long, full and beautiful, of a superb velvet crimson color; as the flower expands the center discloses depths of rich vivid cerise. Delicious tea fragrance. Hardy with slight protection.

FRAU KARL DRUSCHKE. This is the grandest new white rose that has been introduced for years. It is perfectly hardy and very free flowering, producing flowers of exceptionally large size, very full and double, and of a pure snow white. It makes a beautiful long shaped bud, blooms freely throughout the summer and is a strong vigorous grower.

ROSE, GENERAL McARTHUR. (Hybrid Tea.) Color, the most brilliant crimson. It is also one of the very sweetest varieties. It is a good, strong, vigorous grower, producing stems 24 to 30 in. long, a free and continuous producer. We predict a good **Red** rose for every man's garden. Hardy, with light protection.

KAISERIN AUGUSTA VICTORIA. Color soft pearly white, fragrant. It is valuable for cut flowers, being so free-blooming that every shoot is invariably crowned with a magnificent flower; the finest of its class.

KATE MOLTON. A beautiful clear shining pink, large pointed buds. Very free flowering. Fragrance excellent. Stems long and strong.

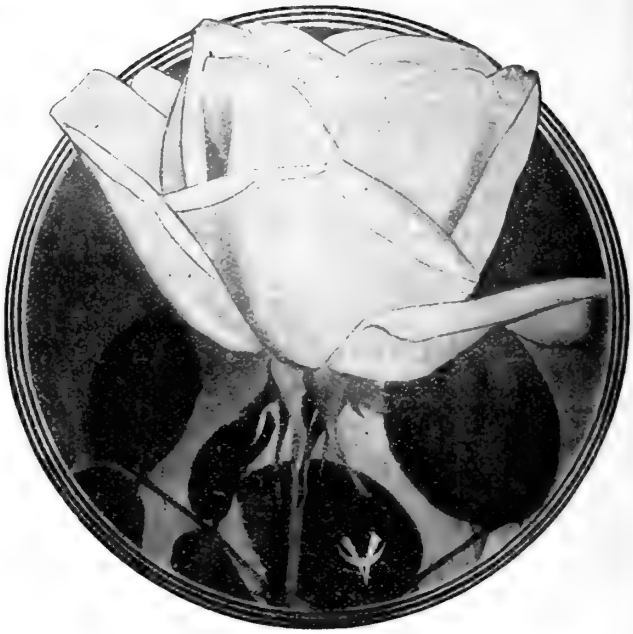
LA DETROIT. In color it is a beautiful shell-pink shading in the center to a soft-rose pink. A grand out-door summer rose, flowering the entire season.

MAD. CAROLINE TESTOUT. Flowering freely all summer. Beautiful satiny pink flowers. One of the best.

SOUVENIR DE LA MALMAISON. A noble rose; flower is extremely large and double; color, flesh white, clear and fresh. Has been considered the finest Bourbon Rose for many years.

SOUV. DE PRES. CARNOT. The flower is of large size, of exquisite shape with heavy thick, shell-like petals; long and pointed. Color, delicate rosy flesh shaded a trifle deeper at center. **Price, each, unless noted, 15c; any 3 for 35c; 12 for $1.25, postpaid; 4 in. pot plants, each, 30c; 4 for $1.00; 12 for $3.00 by express.**

Special Offer No. 441. **One each of the above 12 roses for $1.25, in first size, postpaid. Or the set of 12 in the larger size, by express, for $3.00.**



New Rose Killarney.

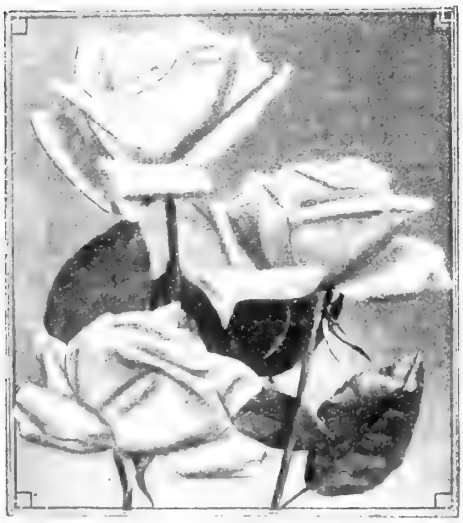
KILLARNEY. This great Irish Hybrid Tea rose is of recent introduction. It is perfectly hardy with light protection in this latitude. A strong robust grower with bright foliage, flowering very freely throughout the season. The flowers are very large, the buds long and pointed. The color is beautiful satiny pink, shaded and suffused pale pink.

12 Choice Ever-Blooming Roses.

Each, 15c; 3 for 40c.; doz., $1.25, postpaid; plants from 4 in. pots ready to bloom, each, 30c; 4 for $1.00; doz., $2.50, by exp.

"I want to tell you that I was greatly delighted with the size and quality of the Roses received yesterday through your New York store. In an experience as a rose amateur and expert of more than 40 years I have never owned better roses,—large, vigorous, beautiful."

Borough of Brooklyn, N. Y. J. YATES PEEK.



Cardinal.

BRIDESMAID. Very large size, and of regular full form, delightfully tea-scented; color, clear rose-pink. A free and constant bloomer; makes elegant buds for cutting.

GRUSS AN TEPLITZ. The reddest of all red roses. It is a rose for everybody, blooming continuously all summer. In color it is of the richest scarlet, shading to a velvety crimson as the flowers mature. The foliage is extremely beautiful.

GOLDEN GATE. The flowers are extra large size; very double and full, and delightfully fragrant; ground color, rich creamy white, tinged with clear rose.

HELEN GOULD. There is no finer bedding Hybrid Tea Rose than this. Large full flowers of fine form, color bright glowing carmine, long pointed buds.

LIBERTY. (Hybrid Tea.) A handsome rich deep red color, large flowers, very double and thick petals; one of the very freest summer flowering roses. Hardy with light protection.

MAMAN COCHET. One of the very best and most valuable roses especially for outdoor blooming. The flowers are of great size and very double; color, bright rose.

MAD. ABEL CHATENAY. A perpetual blooming variety of great beauty, color is rosy carmine, shaded darker. Does remarkably well in open ground.

PERLE DES JARDINS. Unquestionably the finest yellow rose for either Summer or Winter flowering. The flowers very large and double, of perfect form. Color, a rich shade of yellow.

QUEEN'S SCARLET (China). An excellent rose for bedding or pot culture; continuous bloomer; color, fine velvety crimson.

SUNRISE. In close bud form it shows the high brilliant colors seen only in the "Austrian-Copper," scarlet and yellow. As it opens the color deepens, the scarlet turning darker red, the yellow to orange and copper, the inside of the petal golden yellow.

THE BRIDE. The most popular white rose. The flowers are very large and double, on long stiff stems. During extreme hot weather it becomes a pinkish white, at other times a beautiful pure white.

WHITE MAMAN COCHET. It is identical with Maman Cochet except in color of the flower; which is snow-white. The flowers are large and double.

Special Offer No. 439. **One each of the above 12 Roses in first size for only $1.00, postpaid.**

Special Offer No. 440. **The above 12 Roses in the large size for $2.00, by express.**

CARDINAL.—HARDY EVERBLOOMING ROSE. A most valuable rose for the garden. The plant is of very vigorous growth producing its large handsome flowers throughout the entire summer. The color is a rich cardinal-red, which holds good in the hottest weather. Very fragrant. **PRICE: 1st size, from 4-in. pots, each 50c; 3 for $1.35; doz., $5.00, by express; 2nd size, from 2-in. pots, each, 25c; doz., $2.50, by mail, postpaid.**

12 Grand Hybrid Perpetual Roses.

The hardy roses offered are strong growing plants from pots and all on their own roots. **Price, plants from 2½ in. pots, each, 15c; 4 for 50c; doz., $1.25, postpaid. Price, stronger plants, from 4 in. pots, each, 25c; any 5 for $1.00; doz., $2.50, by express.**

ANNA DE DIESBACH. Bright rose color, very large and full.

BALL OF SNOW. Large pure white, very free flowering.

CAPTAIN CHRISTY. Delicate flesh color, one of the best.

DINSMORE. Deep crimson and large. Flowering the whole season.

GENERAL JACQUEMINOT. Rich velvety crimson, large double flowers.

JOHN HOPPER. Brilliant rose shade, cup-shaped flowers, very fragrant.

MAGNA CHARTA. Clear rosy red, a truly grand rose for the garden.

MRS. JOHN LAING. Beautiful soft pink; very free, and one of the best.

MRS. R. G. SHERMAN CRAWFORD. This lovely new hybrid is one of the few large flowering roses that bloom constantly. Color, deep rosy pink, the outer petals tinted with pale flesh. The flowers are large and fragrant.

PAUL NEYRON. Deep shining pink. Flowers often 5 in. in diameter.

PRINCE CAMILLE DE ROHAN. Dark velvety crimson, almost black.

ULRICH BRUNNER. Bright cerise red, a magnificent rose.

Special Offer No. 452. **One each of the 12 Grand Hybrid Perpetual Roses, first size, for $1.25, postpaid.**

NOTE: POT GROWN ROSES SHOULD NOT BE PLANTED OUT OF DOORS UNTIL ALL DANGER OF FROST IS PAST.

EVER-BLOOMING ROSES.

La France.

La France Set.

The La France type is nearest perfection of all roses, and is most charming in every one of its four colors. All hardy.

STRIPED LA FRANCE. Creamy pink with a silvery gloss, growing deeper at base of petals which are streaked with carmine. The bud, which is of elegant shape, and the beautiful full-bloom flower are both true to the La France type and have even a stronger growth. Free bloomer, each shoot producing a bud.

WHITE LA FRANCE. A beauty, indeed, identical with La France, except the color. Pearly white, sometimes tinted with fawn.

PINK LA FRANCE. Undoubtedly the most perfect type of a cut flower rose. No variety surpasses it in delicate coloring—silvery rose, with a satiny sheen over all its petals. Flower large with the well-known fragrance.

RED LA FRANCE. The flowers are darker than La France, of a deeper pink, very large and full; perfumed and of best quality in every respect.

Each, 15c; or the La France set of 4 for 50c, postpaid. Strong, 4-inch pot plants, each, 30c; doz., $3.00; or the set of 4 in large size for $1.00, by express.

Clothilde Soupert.

Soupert Set.

This is a collection that will give a rose bed full of flowers all summer. Each one especially adapted to summer blooming and which can be wintered over with protection of straw and leaves.

CLOTHILDE SOUPERT. This is the most famous pot and bedding rose **(Polyantha Tea).** Its charming coloring, shading from pearly white to purest rose, double blossoms, delightful fragrance, wonderful vigor and freedom of bloom combine to make it a most beautiful rose. We take pride in sending out only selected strong plants which will be a credit to us as original introducers of this great novelty.

NEW YELLOW SOUPERT, MOSELLA. A lovely new addition to the Soupert family, and has its free-flowering habit. The color is a white tint on beautiful light yellow ground.

PINK SOUPERT. A very free-flowering variety, much resembling Hermosa, but more double. The habit of the plant is almost identical with C. Soupert.

WHITE SOUPERT. (Clothilde Pfitzer.) The genuine white Soupert, identical with Clothilde Soupert in every way except in color, which is ivory-white. It is free blooming and hardy. Every rose garden should contain this variety.

RED SOUPERT. (Ma Petite Andree.) This color has been long sought after to complete the Soupert class of unequaled bloomers. A strong dwarf and compact grower, covered constantly with full and double brilliant crimson flowers. One of the most useful of roses.

PRICE: Each, 15c; doz., $1.20, postpaid. The 5 for 55c, postpaid. Strong, 4-inch pot plants, for immediate effect, each, 30c; doz., $3.00, by express. The set of 5 in large size for $1.25, by express.

15 CHOICE EVER-BLOOMING ROSES.

Each, 15c; any 3 for 30c; any 12 for 75c, postpaid; 100 for $5.00, by express. Strong plants, ready to bloom, in 4-inch pots, each, 30c; 12 for $3.00; 100 for $20.00, all by express.

Special Offer No. 450. **The set of 15 Choice Everblooming Roses for 75c, postpaid.**

Special Offer No. 451. **The set of 15 Choice Everblooming Roses in the large size for $3.00, by express.**

THE BURBANK. The Burbank is one of the freest flowering roses in cultivation. The flowers are double, of fine form, nearly 3 in. across. The color is a deep rose-pink, the center shading to beautiful soft rose.

DUCHESSE DE BRABANT. Beautiful buds, deep rose-pink, edged with silver, bloom quickly and constantly; one of the best.

ETOILE DE LYON. Flowers very large and double; always full of bloom, deliciously fragrant; color, chrome-yellow, deepening in center to pure golden yellow.

GOLDEN GATE. The flowers are extra large size; very double and full, and delightfully fragrant; ground color, rich creamy white, tinged with clear rose.

HERMOSA. It is always in bloom and always beautiful; the color is a most pleasing shade of pink; very fragrant.

IVORY. Sport from Golden Gate. Its extraordinary freedom, large size, heavy canes and pure color, all tend to make it valuable both for the garden or forcing under glass.

MARIE GUILLOT. Perfection in form; flowers large and double to center; holds FIRST RANK among White Tea Roses for outdoor bedding.

MARIE LAMBERT. A strong, vigorous grower; pure white flowers; prolific bloomer.

METEOR. The color is rich velvety crimson, exceedingly bright and attractive. The plant is of vigorous growth and very free-flowering; a constant bloomer. Fine for summer bedding.

MRS. DE GRAW. A beautiful rose of rich, glossy coral pink, delightfully sweet-scented; plant of rather compact growth, and the flowers borne in clusters. A remarkably prolific bloomer.

PAPA GONTIER. A magnificent red Tea. A strong grower; with fine healthy foliage.

RICHMOND. This is one of the most beautiful roses in our entire collection and probably the best red variety. It is a strong robust grower, with healthy dark green foliage.

SAFRANO. Bright apricot yellow, fine bud and fragrance. You can always pick lovely roses from this plant in your garden.

UNCLE JOHN. Extremely free flowering, producing flowers of the largest size. The flowers are same shape as the Golden Gate. Color, a beautiful light pink, shading to cream.

YELLOW COCHET. Color sulphur yellow, the ideal yellow bedder.

4 NEW WICHURAIANA HYBRID ROSES.

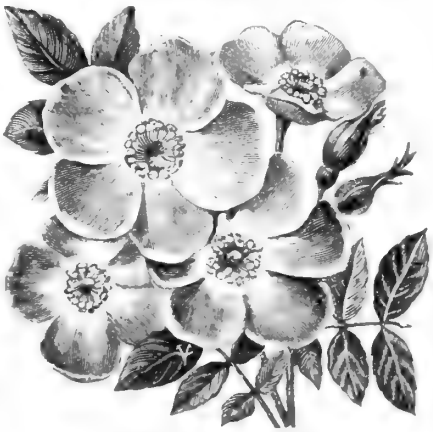
This new race of Roses can be used both for climbing over trellises or for covering the ground or terraces.

New Rose "HIAWATHA.

This seedling which attracts so much attention and evoked many favorable comments when exhibited for the first time at the spring exhibition of the Massachusetts Horticultural Society in March, 1902, is a distinct acquisition to the very popular Rambler class of roses. It is a seedling from Crimson Rambler. The flowers are single, and are of a deep intense crimson shade with the petals shading to a pure white at the base. The foliage is of a light glossy green. The remarkable beauty and the striking effect of a plant in full bloom must be seen to be thoroughly appreciated. Flowers very freely, and it is undoubtedly one of the best of the single roses now extant. It is an excellent plant for **forcing**, and is well suited for climbing or trailing. The plant is perfectly hardy, and the leaves and stems are very tough and less susceptible to the attacks of insects than any other rose in this popular class.

New Rose "LA FIAMMA."

A grand new rapid growing climbing rose, with dark glossy green foliage and perfectly hardy. When in bloom completely covered with large clusters of large single roses, it is a grand sight. The flowers are crimson and white, outer edge crimson, center white. Do not fail to include this grand rose in your order.



Rambler Rose, Hiawatha.

DEBUTANTE. The flowers are a beautiful soft pink color; borne in clusters, similar to Crimson Rambler, with fragrance of the Sweetbriar. Flowers are double and of uniform size. Foliage, dark green and glossy. A splendid variety and especially suited for climbing or trailing. Blooms freely in July and also in September and October.

SWEETHEART. It is a vigorous grower, and similar in habit to the ever popular Crimson Rambler. The color of the bloom when in bud is a bright pink, which shades to a soft white. Blooms average 2¼ in. in diameter; delicately fragrant. Foliage glossy dark green. **Each, 15c; 3 for 40c; per doz., $1.50; per 100, $10.00; 2-year-old plants, each, 35c; 3 for $1.00; doz., $3.00; per 100, $20.00, by exp.**

Special Offer No. 437. **One each of the 4 above roses in first size for 55c, postpaid.**

Special Offer No. 438. **One each in the 2 year-old size for $1.00 by express.**

NOTE. POT GROWN ROSES SHOULD NOT BE PLANTED OUT OF DOORS UNTIL ALL DANGER OF FROST IS PAST.

Field Grown 2-Year-Old Hardy Hybrid Perpetual Roses.

These are of vigorous growth and are mostly hardy. They are particularly valuable for permanent beds or borders in the northern or middle states. Many of them flower the entire summer; others flowering through the month of June and again in August and September. The flowers are large, often measuring five to six inches in diameter; very fragrant and of all the colors known to the rose. If you wish to enjoy a glorious sight, set out a row of these roses in a trench filled with manure and strong soil (well mixed together), and you will be well repaid. Set these plants fifteen to eighteen inches apart.

American Beauty.

Mrs. R. G. Sherman Crawford.

Paul Neyron.

COLLECTION OF TWELVE BEST HARDY GARDEN ROSES.

PRICE: Extra strong 2-year-old field grown plants, by express, each, 40c; dozen, $4.00; per 100, $25.00.

After May 1st we can furnish growing plants in 5-in. pots, **each, 50c; dozen, $5.00; per 100, $35.00.**

AMERICAN BEAUTY. This variety has been rightly described as an ever-blooming Hybrid Perpetual. The flowers are very large and double; color, a deep rich rose. The fragrance is delightful. Each shoot produces a bud.

ANNA DE DIESBACH. Bright rose color; very large and showy; particularly fine in bud; flowers slightly cupped; a vigorous grower; one of the best.

BARON DE BONSTETTIN. Dark red, almost black; large and double.

CLIO. The flowers are perfection in form. Color, delicate satin blush with a light shading of rose pink in the center. Very free blooming.

GENERAL WASHINGTON. This splendid rose is one of the best; color, bright shining crimson; flowers large and perfectly double.

KAISERIN AUGUSTA VICTORIA. One of the best white roses for summer bedding. Large flowers produced in great profusion all summer.

MARGARET DICKSON. The flowers are of the purest white, of extra large size and of grand substance. Free flowering and strong grower.

FRAU KARL DRUSCHKE. Producing flowers of exceptionally large size, very full and double, and of a pure snow white. Free blooming.

MRS. R. G. SHERMAN CRAWFORD. This lovely new hybrid is one of the few large flowering roses that bloom constantly. Color, deep rosy-pink, the outer petals tinted with pale flesh. The flowers are large and fragrant.

PAUL NEYRON. Deep shining pink. Flowers often 5 inches in diameter. It is a strong grower; almost thornless. Considered the finest pink rose.

PERSIAN YELLOW. The hardy yellow rose of our mother's garden. Perfectly hardy; flowers semi-double; golden yellow color.

SOUV. DE LA MALMAISON. Rich flesh color, beautifully shaped double flowers. A grand rose in every way.

Special Offer No. 447. One each of the twelve roses, two year old size, for **$4.00, by express.**

TWENTY-FOUR CHOICE HARDY GARDEN ROSES.

ALF. COLOMB. Bright cherry red; shaded crimson.
BALL OF SNOW. Pure white; very free blooming.
BARONESS ROTHSCHILD. Rich satiny pink.
COQUETTE DES ALPS. White, center shaded rose.
CAPTAIN CHRISTY. Flesh color; one of the best.
FISHER HOLMES. Dark scarlet; large flowers.
GENERAL JACQUEMINOT. Velvety crimson.
GIANT OF BATTLES. Bright red; very large.
GLOIRE LYONNAISE. Light creamy yellow.
JOHN HOPPER. Rose pink; cup shaped.
LA FRANCE. Pink satiny rose; constant bloomer.
MAD. CAROLINE TESTOUT. Satiny pink.
MAD. G. LUIZET. Shell pink; large and fine.
MAD. PLANTIER. Best white rose for general use.
MAGNA CHARTA. Clear rosy red; beautiful rose.
MARSHALL P. WILDER. Bright scarlet crimson.
MARIE BAUMAN. Bright carmine; very large.
MRS. JOHN LAING. Beautiful soft pink; very free.
MABEL MORRISON. Pure white; a lovely rose.
MERVILLE DE LYON. Creamy white, shaded rose.
PAEONIE. Light red; paeony-shaped flowers.
PRINCE CAMILLE DE ROHAN. Velvety crimson.
PERLE DES BLANCHES. A finely formed pure white.
ULRICH BRUNNER. Bright cerise red.

PRICE: Extra strong 2 year old field grown plants, by express, each, 30c; dozen, $3.00; per 100, $20.00.

Special Offer No. 448. One each of the 24 above beautiful roses, 2 year old size, for **$5.00, by express.**

After May 15th, when too late for dormant stock, we can supply the above roses (which have been potted), growing in 5 and 6 in. pots ready to plant out without a check. **Price, each, 40c; dozen, $4.00.**

RUGOSA ROSES.

These Japanese Roses form sturdy bushes 3 to 5 ft. in height. They are perfectly hardy in the most trying places, standing well the hot sun, and thriving in dry or sandy soils The dark, rich, leathery foliage is oddly wrinkled; the large, fragrant single and semi-double flowers of both red, rose and white are produced in profusion throughout the summer. In the autumn they are followed by orange-red and scarlet heps or seedpods. Rugosa is extremely useful in rough situations and shrubbery borders, and we know of no rose that surpasses it.

BLANCHE DOUBLE DE COUBERT. A fine, double sweet and pure white flowering variety, producing clusters of from 5 to 10 flowers. It is a vigorous rampant grower, very free blooming—almost perpetual flowering. Flowers measure nearly 5 in. across and are lasting.

AGNES EMILY CARMAN. Single flowers in cluster, brilliant crimson of the shade of Gen. Jacqueminot; very free blooming and continuing in bloom nearly all summer. A rampant grower, handsome foliage.

KONRAD FERDINAND MEYER. The flowers of this beautiful new sort are large, sweet, very double and of a most pleasing clear silvery rose. The plants are of strong growth, perfectly hardy and their flowering season is of long duration. **Extra fine.**

SIR THOMAS LIPTON. Color, pure snow-white, 3 to 4 in. across and perfectly double. Flowers are very fragrant, borne on strong, upright stems all through the growing season.

RUGOSA ALBA. Crowded with clusters of single pure white flowers; foliage dark green and glossy.

RUGOSA RUBRA. Identical with the above, except in the color, which is a beautiful red.

MAD. GEO. BRUANT. Blossoms in clusters. Semi-double pure white flowers. Fine for cemetery.

PRICE, strong 2 year old bushes, each, 30c; dozen, $3.00; per 100, $20.00, by express.

Special Offer No. 449. The set of 7 Rugosa Roses for **$1.75,** by express.

NEW HARDY YELLOW ROSE

"Soleil d'Or."

The goal for which many of the world's greatest rose hybridizers have been striving has at last been reached and we have a double flowered yellow rose, hardy enough to withstand the winters of our northern states. The flower is perfection in form with conical buds, expanding into a large and full globular flower, with incurved inner petals. The buds are a marvelous shade of rich chrome yellow with just a tinting of coppery rose in the center. Strong two year old plants, only size we have, **each, 50c; 6 for $2.50, by express.**

NEW CENTURY.

It blooms at short intervals all through the summer and fall. The flowers are full and double and borne in splendid clusters. The color is bright, rosy pink, bordered with fine creamy white. It is very sweet, and has the fragrance of the Sweet Briar. **Each, 25c; 3 for 60c; 12 for $2.25. Strong two year old plants, each, 50c; 6 for $2.50, by express.**

MOSS ROSES.

Extra large 2 year old plants, field grown, dormant, **30c; 4 for $1.00. By express, dozen, $2.40; per 100, $18.00.**

BLANCHE MOREAU. Best pure white. Large flowers produced in clusters.

PINK MOSS. Rose color; flowers beautifully crested.

RED MOSS. Rich, glossy pink, tinged crimson large, globular, finely mossed.

TREE OR STANDARD ROSES.

These roses are on hardy stalks 4 ft. high. We offer them in white, pink, red and crimson. Tree roses with two colors, red and white, on one stem. Crimson Rambler rose, grown to tree form; 3 ft. clear stem; large bushy top. **Each, $1.50; 3 for $3.00; 12 for $7.50, by express.**

Also offer the Crimson Rambler and Dorothy Perkins in Standards, pot grown, with 6 ft. clear stems and 2-3 ft. bushy tops, making grand plants to plant against porch pillars or to form an arch. **Each, $3.00, or the 2 for $5.00.**

Dormant Roses can be planted as soon as the frost is out of the ground.

RAMBLER AND CLIMBING ROSES.

New Rose, "Lady Gay"

OLD FAVORITE HARDY CLIMBERS.

BALTIMORE BELLE. Your yard is not complete without this grand rose. Will grow 15 ft. in one year, and be covered with clusters of large double flowers of a pale blush color.

PRAIRIE QUEEN. Color, bright red, changing as the flower opens to deep pink.

Large 2 year old dormant plants. 3 ft., each, 30c; 4 for $1.00; prepaid, doz., $2.50, by exp.

TENDER CLIMBING OR PILLAR ROSES.

CLIMBING METEOR. Flowers large and of that rich, dark, velvety color seen in the Jacqueminot, strong, well-rooted plants, each, 15c; 6 for 50c; 4-inch pot plants, each, 40c; doz., $4.00, by exp.

MARECHAL NIEL. A rose so famous as to hardly need a description here. The most beautiful large golden yellow grown, 15c; 2 for 25c; 4-inch pot plants, each, 40c; 3 for $1.00; by exp.

MRS. ROBERT PEARY. The flowers are extra large, pure white and double. The most remarkable feature of this variety is that it blooms continuously the first year. Each, 15c; 3 for 40c; 4-inch pot plants, 40c; 3 for $1.00, by exp.

CLIMBING CLOTHILDE SOUPERT. It is a vigorous grower, forming canes 15 ft. in one season, and covered with large clusters of flowers all summer. Flowers are large, double and a beautiful shell pink, forming the buds in clusters. Perfectly hardy and will stand any kind of weather. 4-inch pot plants, each, 50c; 6 for $2.00, by exp. Small plants, each, 15c; 8 for $1.00, prepaid.

Special Offer No. 446. One each of the four Tender Climbing Roses, in 1st size, for only 50c, postpaid.

Special Offer No. 446A. One each of the four Tender Climbing Roses, in larger size, for $1.00, by express.

NEW RAMBLER ROSE "LADY GAY."

A seedling from the popular Crimson Rambler, which it resembles in habit and hardiness. The flowers are of a delicate cherry pink color, changing to a soft white. Rich glossy foliage. The effect of a plant in full bloom, with the combination of the soft white flower, the cherry pink buds, and the deep green foliage, is superb. The plant is a vigorous grower and perfectly hardy. The flowers are very numerous and of good size; they are also delicately perfumed. This is a rose of highest merit, equal in all ways, and in some superior to, the Crimson Rambler. This is a new color in a rose, which will endure. It forces well and made a grand display at the Boston Rose Show.

CRIMSON RAMBLER.

Everybody knows this rose now, because none can help remembering it if ever a good plant in bloom meets the eye. The splendid trusses of thirty or forty flowers each, bright crimson and holding their color for 12 to 15 days, are very striking. The foliage contrasts finely with the blooms. We see this grand climber blooming against green walls of vines, twining in evergreens, made into hedges and borders for walls, and clustered at posts, along lawns or drives. Everywhere it is magnificent. Hardy everywhere. Strongest grower we have. Every garden should contain this grand rose.

Price on the above two Ramblers:
Strong 3 year dormant field plants, each, 75c; 3 for $2.10; 12 for $8.00, by exp.
Strong 2 year dormant field plants, each, 50c; 3 for $1.25; 12 for $5.00, by exp.
Strong 2½ in. pot plants, each, 15c; 3 for 40c; 12 for $1.50, prepaid.
Strong 4 in. pot plants, each, 50c; 3 for $1.30; 12 for $5.00, prepaid.

DOROTHY PERKINS. New Pink Rambler Rose. A good one. As hardy as Crimson Rambler and same habit of growth. The flowers are about 1½ in. across are borne in clusters of from ten to thirty, and are very double; the petals are very prettily rolled back and crinkled. The color is a most beautiful shell pink and holds a long time without fading.

PHILADELPHIA CRIMSON RAMBLER. This variety is a cross between Crimson Rambler and the hybrid rose Victor Hugo, and is identical in many respects with the Crimson Rambler except the color is brighter, deeper, and more intense the flowers are perfectly double to the center, last longer in bloom and come into flower about 10 days after the Crimson Rambler.

YELLOW RAMBLER (Aglaia). The flowers are borne in clusters, after the same manner as the Crimson Rambler. The color is a decided yellow.

WHITE RAMBLER (Thalia). Almost identical with Crimson Rambler, but that the flowers are pure white and sweetly scented. Each, 15c; 4 for 50c, postpaid. Two year field plants, each, 50c; 6 for $2.50, by express.

Price on above four Ramblers:
Strong 2 year dormant field plants, each, 50c; 3 for $1.25; 12 for $5.00, by exp.
Strong 2½ in. pot plants, each, 15c; 3 for 40c; 12 for $1.50, prepaid; per 100, $8.00, by express.
Strong 4 in. pot plants, each, 40c; 3 for $1.10; 12 for $4.00, prepaid.

ROSE, TRIER. A perfectly hardy perpetual blooming rambler rose. The flowers are double cream white with dark yellow stamens; clusters large, buds salmon rose. Continues to bloom until fall on the tips of the main and side branches. Two-year-old plants, each, 50c; 3 for $1.25; doz., $4.00, by express.

NEW ROSE "TAUSENDSCHON."

Raised by several crossings between the well-known Crimson Rambler, Tea and Polyantha Roses. This beautiful novelty surpasses all other climbing roses of this section, both in growth, foliage and beauty of blooms. The flowers appear in large clusters from the beginning of June till the end of July. Each individual flower measures about 2 inches across and is of a beautiful soft pink, same color as Clothilde Soupert; later on changes into rose carmine. The plant is of strong, vigorous growth, absolutely hardy, and a most excellent variety to plant wherever a strong climber is desired. Very agreeable, as it is nearly thornless. Florists will do well to force this grand rose for Easter.

	Each, Ppd.	Doz., Ppd.	Per 100, by Exp.
2½-inch pot plants	$0.25	$2.50	$18.00
3-inch pot plants	.35	3.00	20.00
Strong pot plants, 4-in. pots	.50	5.00	30.00
2-year-old plants	.50	5.00	30.00

GRUSS AN ZABERN. A fine hardy ever-blooming climbing rose. The flowers are large, perfectly double and delightfully tea scented, color rich creamy white; one of the most beautiful roses in existence.
3-inch pot plants, each, 20c; 3 for 50c; doz., $2.00, postpaid.
5-inch pot plants, each, 50c; doz., $5.00, by exp.

TAUNUSBLUMCHEN. Habit and flowers of this new rose are like those of Crimson Rambler, except it is a beautiful pink and quite fragrant.
3-inch pot plants, each, 25c; 5 for $1.00; doz., $2.25, prepaid.
4-inch pot plants, each, 50c; 5 for $2.00; doz., $4.00, by exp.

Special Offer No. 442.

One each of the 9 Grand Rambler Roses (excluding Trier), 1st size, only $1.40, postpaid.

Special Offer No. 444.

1 Crimson Rambler, 1 Lady Gay, 1 Tausendschon, 1 White Rambler, in first size for 60c, postpaid.

Special Offer No. 443.

One each of 7 Ramblers, Crimson Lady Gay, Dorothy Perkins, Philadelphia, Yellow, White and Trier in 2-year-old size, by express, for $3.00.

Special Offer No. 445.

One each of same varieties as No. 441 in 2-year-old size, only $1.75, by express.

NEW HARDY MEMORIAL ROSES.

These hardy and lasting roses creep over the ground like ivy. The leaves are glossy dark green. The flowers are borne in clusters profusely during July and August. Used extensively for covering graves, rock work, embankments, etc. Large two-year-old plants, each, 30c; the 5 for $1.20; doz., $2.40; per 100, $18.00, by exp.

EVERGREEN GEM (The New Rose) A single plant four years old covered a space of 240 square feet, with long shoots and completely covered the ground with its bright, glossy foliage, which is not only evergreen, but grows during mild weather in winter. Color, creamy white; double and of a delightful sweet-briar fragrance.

JERSEY BEAUTY. Very vigorous. Flowers produced singly and in clusters 3 inches in diameter, pale yellow with clusters of bright yellow stamens very fragrant.

UNIVERSAL FAVORITE. Double flowers over 2 in. in diameter; beautiful rose color.

SOUTH ORANGE PERFECTION. Double flowers, soft blush, pink at [illegible]

WICHURAIANA. Flowers pure white, single. Grows 12 ft. in a s[illegible]

DORMANT Roses can be planted as soon as the frost is out of the ground.

BEAUTIFUL HARDY CLIMBING VINES.

The Japan or Boston Ivy (*Ampelopsis Veitchii.*)

The grandest hardy climbing vine in existence for covering houses, churches, schools, etc. Its glossy, ivy leaves overlap each other, and its long, delicate young shoots stretch up the walls with free and rapid growth. The tendrils at nearly every point cling firmly to the smoothest surface of rock or wood. The glossy leaves assume in the autumn the most beautiful tints of scarlet and crimson. The handsomest vine possible for growth on house walls, especially the foundation and the first story, around the doors and windows. Entirely hardy except in extreme north.

PRICES. By Mail Postpaid.

Plants—1 year old, each, 15c; 3 for $0.40; doz., $1.20
2 year old, each, 25c; 3 for .60; doz., 2.25
3 year old, each, 40c; 3 for 1.00; doz., 3.50

By Express, Not Prepaid.

Plants—1 year old, doz., $1.00; per 100 $ 7.50
2 year old, doz., 2.00; per 100, 15.00
3 year old, doz., 3.00; per 100, 22.50

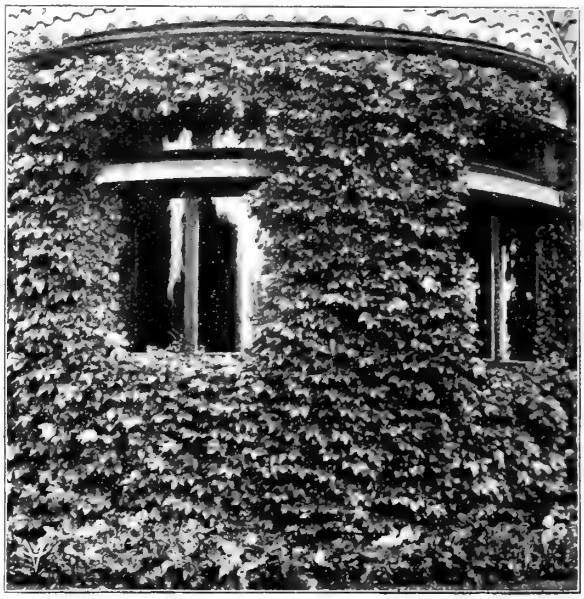
BOSTON IVY, ROBUSTA PURPUREA, new. Of strong and vigorous growth. The foliage is somewhat different from the regular Boston Ivy, the leaves being of a blue purple with a shining gloss finish. It will make double the growth of the Veitchii and is just as hardy. 2-year-old dormant plants, each, 50c; doz., $5.00. By express.

AMPELOPSIS ELEGANS. The leaves are variegated white and green, making a very handsome vine. Has the same habit as Veitchii. Pot plants, each, 15c. Strong plants, each, 50c; doz., $5.00. By express.

AMPELOPSIS ENGELMANNI. Foliage large and abundant; similar to the Virginia Creeper, but quite distinct in having a self-supporting habit of the regular Boston Ivy. Because of strong, robust growth and foliage, brilliant Autumn coloring and great hardiness, we urge its merits strongly. Strong plants, each, 35c; doz., $3.00. Extra strong, each, 50c; doz., $5.00. By express.

AMPELOPSIS QUINQUEFOLIA (Virginia Creeper). Luxuriant in growth, with handsome foliage turning to bright crimson in the Fall. Very hardy vine for covering old tree trunks, walls or fences. Strong plants, each, 25c; doz., $2.50. Extra strong, each, 35c; doz., $3.50, by express.

MURALIS. Foliage similar to Quinquefolia; strong, rapid grower, clinging to walls without support; stand the hardest winters. Strong 2-year-old plants, each 25c; doz., $2.50.

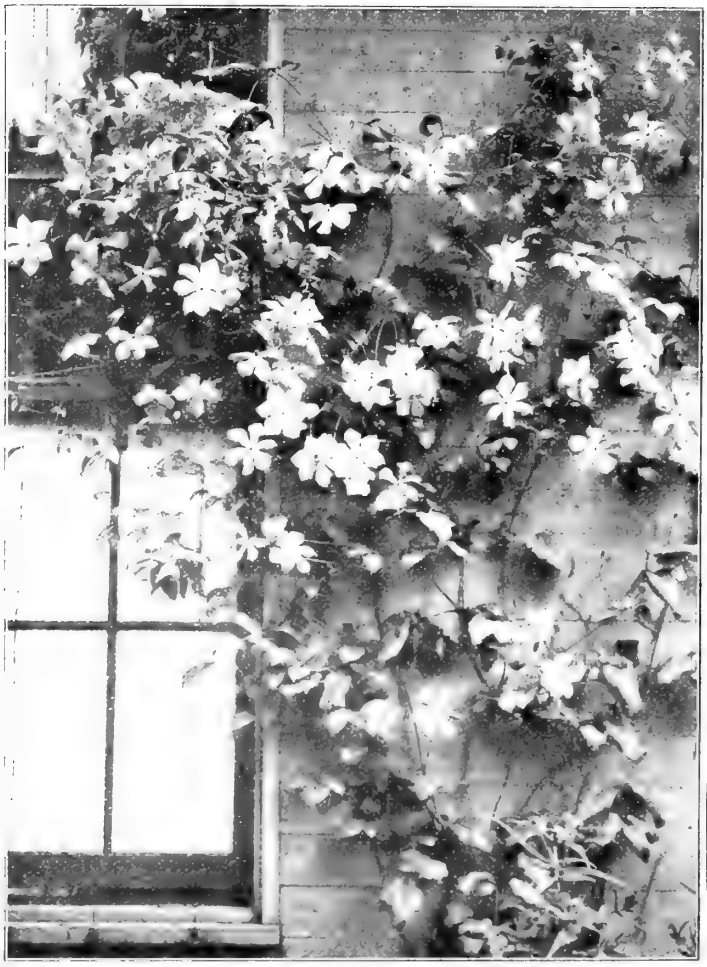


Japan or Boston Ivy.

ACTINIDIA Polygama, Silver-Sweet Vine. A new, hardy climber of remarkable beauty, from Japan. The foliage on the ends of the flowering shoots is of a silvery white color and resembles the Lily of the Valley in fragrance. The growth is rapid and vigorous. Strong dormant plants, 3 years old, each, 50c; 6 for $2.50; 12 for $4.00, by express.

AKEBIA Quinata. A beautiful, hardy climbing vine. It often grows 15 ft. in a year and produces throughout the season large clusters of fragrant flowers, resembling Forget-me-nots. Large vines, 4 to 6 ft. Each, 50c; doz., $5.00, by express.

ARISTOLOCHIA Sipho (Dutchman's Pipe.) Very hardy, strong growing vine, with large peculiar heart-shaped leaves. Curious pipe-shaped flowers of yellowish brown. Large vines, 6 to 8 ft. Each, 50c; doz., $5.00, by exp.



Large Flowering Clematis.

BIGNONIA GRANDIFLORA. This is a great improvement on Radicans. The flowers are very large, trumpet-shape, of orange-scarlet. 3-year-old plants, each, 50c; doz., $5.00. 4-year-old plants, each, 75c; doz., $8.00, by express.

BIGNONIA RADICANS. Dark red orange throat, free blooming. Very hardy and rapid grower. Useful for covering unsightly places, stumps; or wherever a showy flowering vine is desired it will be found useful. 3-year-old, each, 35c; doz., $3.50. 4-year-old, each, 50c; doz., $5.00, by express.

Large Flowering Clematis.

The Large-Flowered Clematis are the most beautiful of all our Flowering Vines. The flowers are large, often measuring four to six inches across and are borne in great wreaths and clusters during July and August. The colors are rich, royal purple, wine color and pearly-white. The vines are of slender, wiry growth and require some support that they can twine around, like a rod, pole or wire, and if the location is somewhat moist and partially shaded so much the better. The north side of house or porch with partial sun is a good spot. Hardy, but it is best to mulch them in winter.

BEAUTY OF WORCESTER. New. A magnificent sort with enormous flowers of magnificent clear sky-blue, contrasting strikingly with the cluster of pure white stamens.

DUCHESS OF EDINBURGH. One of the best double whites, of vigorous habit, very free of bloom and deliciously fragrant.

GYPSY QUEEN. A rich, dark, velvety purple; a rank grower and a free bloomer. A very attractive and curious variety.

HENRYI (Bangholm Belle). Strong grower, flowers always eight-sepaled, 4 to 6 in. in diameter, and pure white. Very hardy.

INTEGRIFOLIA DURANDI. 4 to 6 ft. Strong steel-blue flowers, 3½ inches across, blooming from early June till Fall.

JACKMANNI. This variety, with its strong, healthy growth, hardy nature and rich, deep velvety-purple flowers, is the most satisfactory of its class. Blooms with astonishing profusion on shoots of the present season; should be pruned early in Spring.

MISS BATEMAN. Pure white, with chocolate anthers. Commences to bloom as soon as its leaves start in May.

NELLIE MOSER. Large flower, beautiful white with red stripes.

MADAME BARON VIELLARD. Light rose, lilac shadings. Much admired.

SIEBOLDI. Flowers of large size. A beautiful light blue in color. Strong grower. One of the best.

VILLE DE LYON. Its blooming capacity is great and the flowers are of the most magnificent brilliant crimson; they are large and of beautiful circular form. Each, $1.00; 3 for $2.50.

PRICES—Extra Size Plants for Immediate Effect. Many of our customers desiring immediate effect prefer this stock which we import from the best nurseries in Europe. **Price, unless noted, strong 2-year-old plants, each, 50c; doz., $5.00, prepaid. Extra strong, 3-year-old plants, 75c; doz., $8.00, by express, not prepaid.**

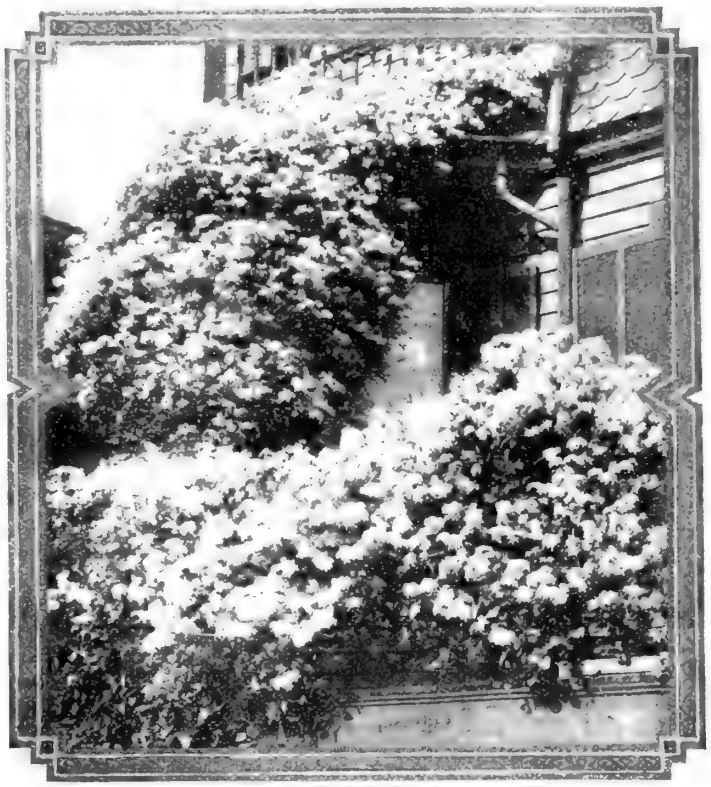
Plant in good garden soil, dug very deep, placing the crown of the roots ¾ inches below the surface of the soil. Apply well-rotted manure in post holes bored 12 in. away from the plant in opposite directions. The feeding roots reach out to these holes, which may be watered freely, with better success than when the manure is applied directly to the base of the plants.

JAPANESE CLEMATIS, *Clematis Paniculata.*

This is by far the best of all the Clematis of the small flowered class. A vine of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy foliage, which is of that healthy green color that so few of this class of plants possess. The flowers are pure white, borne in immense sheets, almost completely hiding the foliage, and of a most delicious fragrance. It flowers in September, when few other vines are in bloom. The extreme rapidity of growth, the showy foliage, beautiful, fragrant flowers and hardiness serve to make this one of the very choicest of recent introductions.

Prices: 1 yr., 2½ in. pot plants, each, 15c; 3 for 40c; 12 for $1.50, prepaid. 2 yr., dormant plants, each, 30c; 12 for $3.00; 100 for $20.00, by exp. 3 yr., dormant plants, each, 50c; 4 yr., each, 75c, by exp.

YELLOW CLEMATIS (Graveolens). Single lemon yellow. The flowers are four-pointed star-shaped and are larger than those of the Paniculata, 3 in. in diameter, and are borne in large, long panicles from late summer until frost. The only Clematis having any yellow coloring. **Strong 1 year pot plants, each, 25c; 3 for 60c; 6 for $1.00, prepaid.**



JAPANESE CLEMATIS (C. Paniculata.)

CLEMATIS COCCINEA HYBRIDS.

COUNTESS OF ONSLOW. Bright violet-purple, with a broad band of scarlet through the center of each petal.

DUCHESS OF ALBANY. A beautiful bright pink; deeper down the center.

DUCHESS OF YORK. A delicate and pleasing shade of pale pink. Two-year-old plants, **each, 75c; the 3 for $2.00, by express.**

VARIOUS TYPES OF CLEMATIS.

CLEMATIS MONTANA RUBENS.

A clear pink clematis which blooms in May-June. This is one of the most valuable climbers in existence. The plants grow very vigorously, the young shoots and leaves are shaded red. The flowers measure 2 inches in diameter and are produced very abundantly. Hardy. Two-year-old plants, **each $1.50, by express.**

CLEMATIS INTEGRIFOLIA COERULEA. A shrubby variety which grows only about 3 feet high. The flowers are dark blue, bell-shaped, about 2 inches across, and are produced in July-August. Two-year-old-plants, **each, 50c; doz., $5.00, by express.**

COCCINEA. Bell-shaped flowers, bright coral red; blooms from June until frost. **Each, 20c; 3 for 50c; 12 for 1.50, by express.**

CRISPA. Fine, deep blue, with a white border and deliciously fragrant. **Each, 20c; 3 for 50c; 12 for $1.50, by express.**

Richmond, Va.

The plants came yesterday, and such beauties and so beautifully packed! I was indeed "dee-lighted," delighted poorly expresses it, for the plants were large, not mites, and I know everyone will grow. Many florists that I buy from send such small specimens they are not worth setting out and generally die. I thank you again for your promptness and elegant specimens.

MRS. ROSALIE I. ANDERSON.

CELASTRUS SCANDENS (Climbing Bitter Sweet or Wax Work). A native climbing or twining plant, with handsome large leaves; yellow flowers in May and June and clusters of ornamental orange-capsuled fruit in autumn; very lasting for decorative use. Strong 3-year-old vines, **each, 50c; 3 for $1.25; 6 for $2.00, by express.**

CHINESE WISTARIA.

SILVER SWEET VINE. See Actinidia Polygama.
TRUMPET CREEPER. See Bignonia Grandiflora.
VIRGINIA CREEPER. See Ampelopsis Quinquefolia.

WILD GRAPE VINE.

We have some fine, cultivated vines of these rapid growing, leafy, hardy climbers, so well suited to the covering of tree stumps, arbors, etc. **Each, 25c; 3 for 65c; dozen, $2.50; 100, $15.00, by express.**

WISTARIAS.

ALBA. Flowers white, in drooping racemes. **30c each; large plants, by express, 3 years old, 75c each; 6 for $1.00.**

MAGNIFICA. Dense clusters of purple-lilac flowers. **20c each; large plants, 50c each; 6 for $2.50.**

Special Offer No. 454. Twelve Hardy Climbing Vines, all different, all labeled. Our selection, 2 year old, for $3.50; our selection, 3 year old, for **$5.00, by express, at buyer's expense.**

HONEYSUCKLES.

NEW SWEET SCENTED "HECKROTTI." Remarkable for the large size and distinct appearance of its flowers, dark rich red and creamy yellow in color. Blooms continually the whole season.

HALLEANA (Halls Japan). Almost evergreen sort with pure white flowers, changing to yellow. Flowers from July to November.

JAPAN GOLDEN-LEAVED (Aurea Reticulata). Variegated yellow and green foliage and yellowish-white fragrant flowers.

SCARLET TRUMPET OR CORAL. (Sempervirens.) Very strong, rapid grower, with beautiful scarlet flowers all summer.

SWEET SCENTED MONTHLY (Belgica). This is one of the most satisfactory of Honeysuckles, producing continuously large trusses of very fine, fragrant flowers, red and yellow in color.

CHINESE TWINING. Remarkable on account of retaining its beautiful glossy foliage most all winter and covered with sweet yellowish-white flowers most all summer.

PRICE: Heavy 3 year old vines, each, 50c; 3 for $1.25; 12 for $4.00, by express. Strong 2 year old vines, each, 30c; 3 for 75c; 12 for $2.50, by express.

Special Offer No. 453. One each of above 6 Honeysuckles in large size for $2.50 by express.

HALLEANA HONEYSUCKLE.

MATRIMONY VINE. Lycium Sinenese.

A well-known, hardy, fast growing vine; very handsome when covered with its scarlet fruit in autumn; useful for covering screens, ledges, or any object, at short notice.

Strong 2 year old plants, **each, 35c; 4 for $1.00, by express.**

PERIPLOCA GRAECA (Silk Vine).

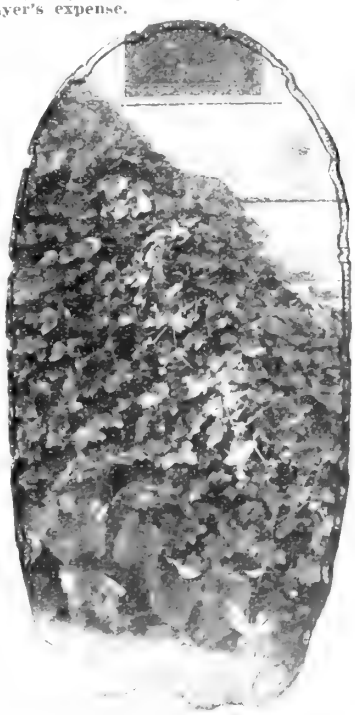
Native of Southern Europe. A rapid growing beautiful climber. Will twine around a tree or other support to the height of 30 to 40 feet. Foliage glossy, and purple brown axillary clusters of flowers. Strong vines, 3 years old, **each, 35c; 3 for $1.00; per doz., $2.50, all by express.**

JACK-AND-THE-BEAN-STALK VINE.

(Pueraria Thunbergiana or Kudzu Vine.)

The most remarkable rapid growing hardy perennial extant. In rich soil will grow 70 feet in one season. Three months of its growth will equal five years of most vines. Starts into growth slowly, but after three or four weeks grows almost beyond belief. Leaves in shape like Lima Bean; color, dark green; texture, soft and woolly. For porches, arbors, old trees, etc., we know of nothing its equal.

1 year old, 20c; 3 for 50c; 12 for $1.75, prepaid.
2 year old size, each, 75c; 3 for $2.00; 12 for $7.50, by exp.
3 year old size, each, $1.00; 3 for $2.50; 12 for $9.00, by exp.



JACK-AND-THE-BEAN-STALK VINE.

Vaughan's Hardy Perennial Plants

We Offer Perennials in Two Sizes, as Follows:

First Size. These are strong plants from 3-in. pots which have been wintered in coldframes and should flower well the first season. This is the most desirable size for planting for those who wish to make a large perennial border. Prices on this size in lots of six or less include prepayment. Prices on lots from 12 to 100 are not prepaid.

Unless otherwise noted, all prices refer to first size plants.

The Second Size plants are 4-inch pot plants. Three plants or less prepaid at prices stated. Prices for 6 or more are **not** prepaid.

These are planted once and are always there. They live through the winter with little or no protection.

These permanent border plants, supplying flowers the whole season long, and so hardy that they do not need to be replaced, appeal to every owner of a country home.

For beds or borders and for planting among shrubbery or trees, this class of plants has become a real necessity, and our collection, already large, has been greatly augmented by valuable plants secured this season in Europe.

We carry a large stock of only the best and hardiest for permanent work. The heights and flowering period follow the description.

ACANTHUS (Bear's Breech)

Latifolius. 2 ft. Stately; broad foliage, purplish rose flowers in August and September. First size, each, 15c; doz., $1.50.

ACHILLEA

Millefolium roseum. Flowers pink, in dense heads; 18 inches; produced all summer.

Elegans. The flowers are borne in great profusion and are pure white; double; 2 feet; blooms all summer.

Eupatorium (Fern-leaved Yarrow). Neat, finely cut foliage and brilliant yellow heads of flowers, lasting in full beauty all summer; 4 to 5 feet.

Each, 15 cts.; doz., $1.50; per 100, $10. Second size, each, 25 cts.; doz. $2.50

ACONITUM

(Monkshood, or Helmet Flower)

All the varieties offered form bushy clumps, with spikes of hood-shaped flowers and are invaluable for planting under trees or in shady positions, succeeding better there than almost anything else.

Wilsoni. Novelty. Recently introduced from China. The graceful flower-spikes attain a height of about 6 feet and produce many fine pale blue or violet flowers. It blooms from the beginning of September until the end of October. Each, 50c; 3 for $1.25; doz., $5.00.

Napellus. Large, dark blue flowers; August and September. Each, 15 cts.; doz., $1.50.

Napellus Bicolor. Variegated blue and white flowers. Very effective. Each, 25 cts., doz., $2.50.

Autumnale. Deep purplish blue flowers in September. Each, 15.; doz., $1.50.

ACTAEA (Baneberry)

Japonica. 2½ ft. Showy dense spikes of white flowers; September, October. Each, 20c; doz., $2.00.

ADENOPHORA

Potanini. 18 in. An easily grown, attractive plant with light blue flowers, not unlike Canterbury Bells; July to September. Each, 25c; doz., $2.50.

To have a good flower-border is by no means an expensive undertaking. The most important requisite is good depth of soil—the plants will practically take care of themselves

ANEMONE JAPONICA

AGROSTEMMA

Coronaria rubra. Flowers rich crimson, produced in abundance on long stems. 2 feet. July and August.

Coronaria alba. Identical with the above, except white flowers.

Flos Jovis. Deep pink flowers; 1 foot.

Each, 15 cts.; 3 for 40 cts.; doz., $1.50. Second size, each, 25 cts.; doz., $2.50.

ANCHUSA

Angustifolia. 1 ft. Beautiful dark blue flowers. Similar to Forget-me-nots. Each, 15c; 2 for 25c; doz., $1.50.

Italica, Dropmore Variety. 4 ft. Elegant border plant. Forget-me-not-blue flowers. Each, 75c; doz., $8.00.

ALYSSUM

Saxatile compactum. Clear, golden yellow flowers; fragrant and very showy. Dwarf, compact habit; 1 foot; blooms May and June. Each, 15c.; 3 for 40c.; doz., $1.25.

ANEMONES (Japanese Varieties)

Flowers from August till November; 2 to 3 feet. Price, unless noted, each, 15c.; 3 for 40c.; doz., $1.50.

Honorine Jobert. Snow-white. Each, 20 cts.; 3 for 50 cts.; doz., $1.75.

Prince Henry. Semi-double; dark red. Rare, unequaled.

Queen Charlotte. Large double pink flowers. The most popular of all.

Whirlwind. Is a hardy, strong and free-bloomer; large, white, double flowers. One of the prettiest of hardy plants.

Rosea superba. Single rose, large, fine.

Lord Ardilaun. Large pure white flowers, single. Each, 25 cts.; doz., $2.50.

ANEMONES (Windflower)

Sylvestris fl. pl. Double white, Snowdrop Anemone; 1 foot. Each, 20 cts.; doz., $2.

Sylvestris. White flowers. Stands shade; 1 foot. Each, 20 cts.; doz., $2.

ANTHERICUM

Liliastrum Major (St. Bruno's Lily). Grass-like foliage, white, fragrant, lily-like flowers; 2 feet. May and June. Each, 15 cts.; 3 for 30 cts.; doz., $1; 100, $7.

ANTHEMIS

Tinctoria grandiflora. Of dense, bushy habit, with large golden-yellow flowers. Each, 15 cts.; doz., $1.50.

HARDY PERENNIALS, continued

AQUILEGIA, or COLUMBINE

Chrysantha. 3 ft. Golden yellow-flowered variety; June to August.

Chrysantha alba. 2 ft. A pure white variety; June to August.

Canadensis. 2 ft. Our native Columbine, bright red and yellow.

Coerulea. 1 ft. This is the true blue; one of the handsomest; June to August.

Coerulea hybrida. Beautiful hybrids of the preceding, bearing long-spurred flowers in a very great variety of charming colors.

Glandulosa grandiflora. A beautiful double dark blue. Very fine.

Nivea grandiflora. 2 ft. A beautiful large pure white sort.

Vulgaris alba fl. pl. 2 ft. Fine foliage with double pure white flowers. Very showy.

Each, 15c; 3 for 40c; doz., $1.50; 100, $10.

ARABIS

Alpina. A pretty plant for rock-work or borders, forming a dense carpet of glossy green foliage and pure white flowers. 6 in. Early spring.

Alpina flore pleno. A distinct and pretty double-flowering form of the above. 6 in.

Grandiflora superba. An improvement on flore pleno. Large flowers. Very fine. **Each, 25c; 3 for 60c; doz., $2.25.**

Price of the above, unless noted, **each, 15c; 3 for 40c; doz., $1.50; per 100, $8.00.**

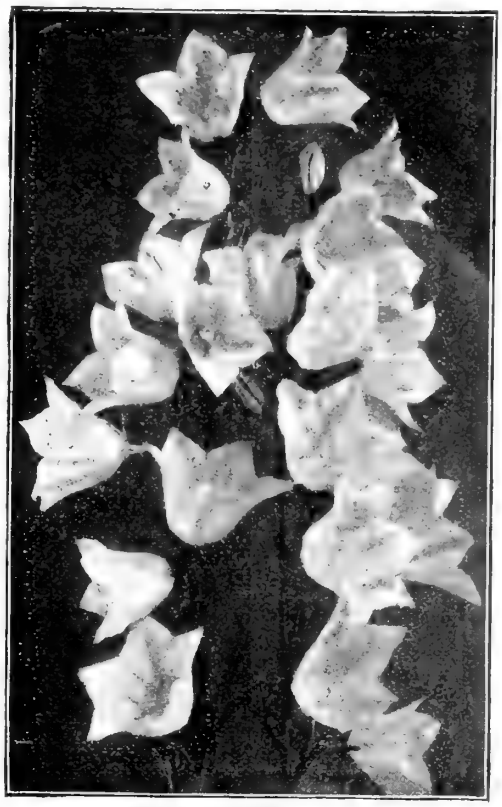
ARNEBIA

Echioides. Novelty. Light yellow. 1 ft. For rock-garden. April and May. **Each, 50c; doz., $5.**

ARMERIA (Thrift)

14 in. Foliage evergreen; dwarf, compact habit; rosy pink flowers from spring till fall. Fine border plant. **Each, 15c; 3 for 40c; doz., $1.25.**

Arundo Donax. See Ornamental Grasses.



Campanula Persicifolia Grandiflora.

ASCLEPIAS (Milk Weed)

Tuberosa. 2 ft. Bright orange flower; showy and beautiful. July to September.

Halli. 2 ft. Very showy. Producing from July to September beautiful light yellow flowers. **Each, 15c; 3 for 40c; doz., $1.50.**

ASTILBE

Davidii. New pink-flowering Astilbe, and one of the most important additions to hardy plants of this type in many years. Its 4 to 5-ft. high stems are covered with feathery plumes of deep rose-pink flowers during July and August.

Lemoine's New Rose. 2 to 3 ft. The flowers are a beautiful soft rose-color.

Mt. Blanc. 3 ft. New. A beautiful clear white.

Each, 40c; the 3 for $1; doz., $3.50.

BAPTISIA

Australis. 2½ ft. Deeply cut foliage; spikes of dark blue flowers in June and July. **Each, 15c; doz., $1.50.** Second size, **each, 25c; doz., $2.50.**

BLEEDING HEART See Dielytra

BOCCONIA

Cordata. 7 ft. Flowers in terminal panicles of a creamy white color. July and August. Second size, **each, 25c; 3 for 60c; doz., $2.25.**

BOLTONIA (1000-to-1 Aster)

Asteroides. 4 ft. A beautiful native plant, producing white Aster-like flowers from July to October.

Latisquama. Identical with the above, excepting flowers, which are beautiful pink.

Each, 15c; 3 for 40c; doz., $1.50; 100, $10.

Second size, **each, 25c; doz., $2.50.**

HARDY ASTERS

Alpinus Himalaicus. 4 in. Dwarf, compact variety. Flowers large, pale violet, large yellow center. **Each, 25c; doz., $2.50.**

Alpinus superbus. 7 in. A fine blue; free. May and June.

Amellus Perry's Favorite. 3 to 4 ft. New. The best red in the fall-blooming Asters. **Each, 30c; 4 for $1.**

Cordifolius. 3 ft. Small blue flower, heart-shaped leaves. Very fine. **Each, 25c; doz., $2.50.**

Diplostephoides Luchtlini. 3 ft. Large dark blue flowers.

Ibericus ultramarine. New. One of the darkest and most brilliant blue Asters. **Each, 50c; doz., $5.00.**

Mesa grande speciosa grandiflora. 2 ft. New. Large, dark blue flowers measuring 2 in. in diameter. July and August. **Each, 35c; doz., $4.00.**

Novae Angliae. 4 ft. Large, bluish purple, yellow center.

Perigrinus. 3 ft. Large flowers, rosy lilac. May and June.

Rycroft Pink. 4 ft. Large flowers, pure pink; free bloomer. **Each, 25c; doz., $2.50.** One of the best.

Snowflake. 2½ ft. Pure white; blooms profusely.

White Dwarf Queen. 2 ft. New. Large; white-flowering; very free. Fine for pots. **Each, 25c; doz., $2.50.**

Price of above, unless noted, each, 15c; doz., $1.50.

CAMPANULA [Bellflower]

Carpatica (Harebell). 8 in. Compact grower. June to Aug

Carpatica alba. Same as above but pure white flowers.

Lactiflora. 3 ft. Large spikes of flowers. White, tinted blue June to August. **Each, 25c; doz., $2.50.**

Persicifolia. Large, dark blue flowers. Very showy.

Persicifolia alba. Grows 2 ft. high and produces an abundance of pure white flowers during July and August.

Persicifolia coerulea (Bell-flower). 4 ft. Very conspicuous and attractive Campanula, with large blue flowers in September.

Persicifolia gigantea Moerheimi. This novelty is doubtless the best pure white Campanula hitherto introduced. The new form remains even more dwarf, not surpassing 2 ft. in height, whereas its free-flowering properties are truly wonderful.

Pyramidalis. 4 ft. Forming a perfect pyramid, crowned with large saucer-like blue flowers. September.

Pyramidalis alba. Same as above, but pure white flowers.

Hardy Asters

Campanula persicifolia multiflora. 2 ft. New. Wide open blue flowers freely produced. July.

Glomerata acaulis. 18 in. New. Dark blue flowers in dense clusters from June to August. Fine for rock-work or pots. **Each, 35c; 3 for $1; doz., $3.50.**

Hendersoni. 18 in. New. Beautiful cup-shaped flowers, dark blue, 1½ to 2-in. flowers; very free. July and August. **Each, 50c; doz., $5.**

Macrantha. 2 ft. Large blue flower. One of the best.

Medium (Canterbury Bell). Well-known favorite.

Double in mixed colors only.

Single in mixed colors only.

Persicifolia humosa. New. Beautiful double blue flowers of a most pleasing shade produced on large spikes. The individual flower measuring 2 to 2½ in. in diameter. Blooms from May until late in the summer. **Each, 35c; 3 for $1; doz., $3.50.**

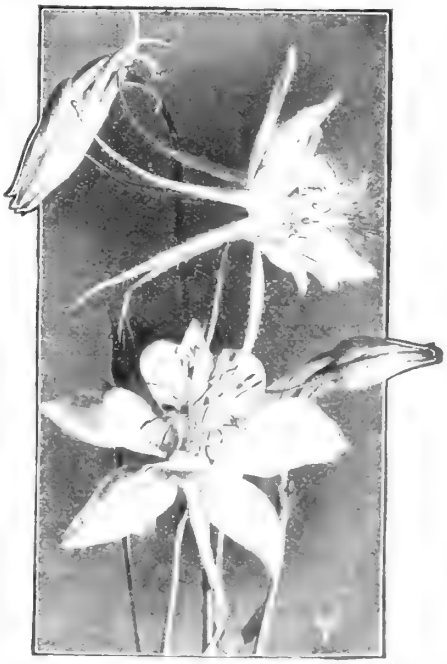
Persicifolia (Silkball). New. Double, lilac-blue flowers of extraordinary substance. **Each, 50c; 3 for $1.25; doz., $4.50.**

Turbinata Isabel. 4 ft. Very free, with large, almost flat bells of rich deep blue. **Each, 25c; doz., $2.50.**

Price of the above, unless noted, each, 15c; 3 for 40c; doz., $1.50; 100, $10. Second size, each, 25c; doz., $2.50.

Special Offer No. 421

One each *Campanula pyramidalis, persicifolia multiflora, gigantea Moerheimei, persicifolia alba for 50 cts., postpaid.*



Aquilegia, or Columbine

HARDY PERENNIALS, continued

CATANANCHE (Cupid's Dart)

Coerulea. A fine perennial, easily grown; wonderfully free blooming and valuable for cutting. Light blue flowers; 2 feet. July and August.

Alba. Same as above, but white. Each, 15c.; 3 for 40c.; doz., $1.50.

CHRYSANTHEMUM NORTH STAR

CENTAUREA

Montana (Perennial Cornflower). Grows 2 feet high. Large blue flowers. From July to Sept.

Montana Alba. Pure white. Each, 15c; doz., $1.50.

CHELONE (Shell Flower)

Lyonii. (Shell Flower.) Handsome perennial, growing about 2 ft. high and bearing numerous spikes of large deep pink flowers. **Each, 25c; doz., $2.50.**

Hybrids. Various colors of white, red and cream. **Each, 15c; 3 for 40c; doz., $1.50. Second size, each, 25c; doz., $2.50.**

CHRYSANTHEMUMS

(Moonpenny Daisy)

Maximum. Flowers 3 to 4 inches across; pure white with yellow centers. **Each, 15 cts.; doz., $1.50.** Second size, each, 40 cts.

Maximum Robinsoni. Novelty. Remarkable for its freedom of growth and lovely white flowers, many of the petals being beautifully fringed. July to September. **Each, 25c; 3 for 60c; doz., $2. Second size, each, 40c.**

Maximum, "North Star." Very free-flowering plant, producing an abundance of flowers from early in July until October. The flowers measure 3¾ to 4 in. in diameter, with double row of petals, the yellow center being 1 in. in diameter. Flowers are borne on stems 2½ to 3 ft. long and last over a week when cut. It is perfectly hardy in Illinois. **Each, 15c; 3 for 40c; doz., $1.50.**

Maximum Graf Kobo. Flowers very large, stalks long, excellent for cutting. **Each, 25c; doz., $2.25; 100, $20.**

Semi-plenum. Large pure white flowers, semi-double; the hardiest of all. **Each, 20c; doz., $2.**

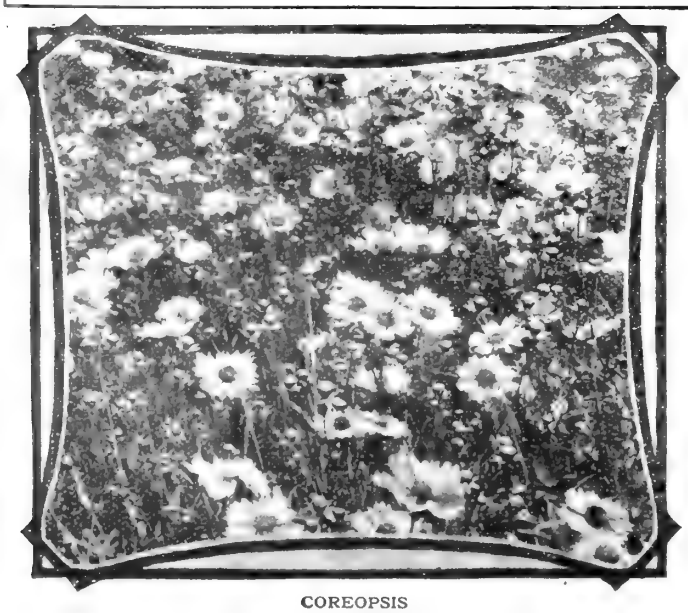
POMPON CHRYSANTHEMUMS

Hardy, Early Flowering

Bridesmaid. Clear soft pink.
Chivere. Pure white.
Halo. Bright bronze.
Lula. Snow-white.
Princess Louise. Dark bronze.
Reol. Pure snow-white.
Tona. Clear lemon-yellow.
Veda. Rich bright bronze.
Yellow Globe. Bright yellow.
Zoda. Soft, delicate rosy pink.

Price, each, 15c; 3 for 40c; doz., $1.50. SPECIAL OFFER NO. 455. The set of 10 for $1.20.

The general practice with perennials is to divide them every 2nd or 3rd year. Nearly all hardy herbaceous plants should be lifted now and then, for the flowering crowns live but 2 or 3 years. The plant is meanwhile spreading and making new growths, and unless lifted and divided, the flower stalks become scattering and unattractive. L. H. BAILEY.



COREOPSIS

CIMICIFUGA (Snake Root)

Americana. New. Flowers white; in panicled racemes; 2 to 3 feet. August and September.

Simplex. New. It is most valuable on account of its late flowering, beginning in September and lasting until last of October. Flowers white, stem 2 to 3 feet. **Each, 35 cts.; 3 for $1; doz., $3.50.**

Dahurica. Three feet; spikes of creamy white flowers. July to September.

Each, 25 cts.; 4 for $1; doz., $2.50 (except where noted).

SHRUBBY CLEMATIS

Recta. 2½ ft. Pure white; large and showy; June and July. **Each, 25c; doz., $2.50. Second size, each, 40c; 3 for $1.**

COREOPSIS

Lanceolata Grandiflora Oculata. Large golden flower, but having a reddish brown spot at the base of each petal, which seem to intensify the golden coloring. Free bloomer.

Grandiflora. 2 ft. Begins to bloom early in June and continues in flower until killed back by frost; until then it is continually one mass of golden yellow. Very valuable for cutting. June to October.

Rosea. 12 in. Flowers pink; very pretty border plant, June to September.

Each, 15 cts.; 6 for 75 cts.; doz., $1.25; 100, $8. Second size, each, 25 cts.; 6 for $1.25; doz., $2.

CORIARIA

Japonica. New sub-shrub, 3 to 4 feet high; bears berries of a peculiar reddish brown, turning to black when ripe.

Terminalis. Long, graceful branches, clothed with yellow berries in fall.

Each, 50 cts.; doz., $5.

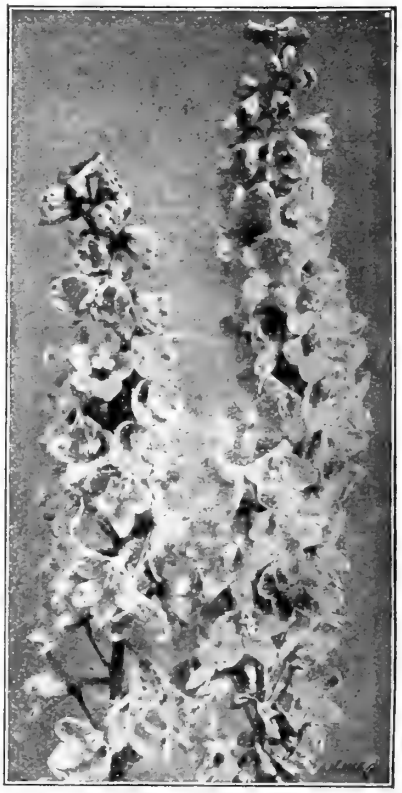
DELPHINIUMS

(Hardy Larkspur)

The hardy Larkspurs are one of the most important and most satisfactory plants in the herbaceous garden, and should be planted extensively even in the smallest garden. Their long spikes of flowers are produced continuously from June until late in the fall, if the precaution is taken to remove the flower-stems before they produce seed.

Belladonna. Beautiful large sky-blue flowers in dainty spikes. From May to September. Excellent. **Each, 35 cts.; 3 for $1; doz., $3.50.**

Chinense. A pretty variety growing only 18 inches high, with large open panicles of handsome flowers, varying in color through all the light shades of blue.



DELPHINIUM HYBRIDUM

Chinense album. This beautiful white sort is unsurpassed and deserves a position in every garden. 2 feet.

Chinense Grandiflora Lilacena. A very fine variety, similar to above. Color delicate lilac. Should be in every collection.

Formosum. Blooms from July to September. Large flower-spikes, deep blue with white eye. 3 feet.

Formosum coelestinum (Pillar of Beauty). A very pretty variety, producing sky-blue flowers. One of the best. 3 feet.

Kelway's New Hybrids. Flower-spikes stiff and strong, flowers double and single, shading from light blue and lilac to the indigo and purple shades, often with strange orchid-like markings. Plants bloom twice, often three times in a season. July and August. 3 feet.

King of Delphiniums. New. Intense indigo-blue with white eye. Each, 75 cts.; doz., $8.

Hybrid Mrs. Thompson. New. The full spikes produce beautiful clear blue flowers almost continuously. **Each, 50 cts.; doz., $5.**

Sinense Cineraria coeruleum. New. Flowers dark azure-blue, large and flat and without spur. **Each, 30 cts.; doz., $3.**

Price of the above, unless noted, each, 15 cts.; 3 for 40 cts.; doz., $1.25; 100, $10. Second size, each, 25 cts.; doz., $2.50.

Flowers from April until November are possible with Perennials. We are always pleased to make selections for our customers.

HARDY PERENNIALS, continued

BURBANK'S NEW SHASTA DAISIES

Westralia. This is distinguished by its branching habit. Flowers cream-color, turning to white; semi-double, 3 to 4 inches across; long stems; free.

California. Similar to the preceding, but buds and half-opened flowers are a pleasing pale lemon-yellow, changing to pure white as they expand.

Shasta Daisy. Perfectly hardy, of easy cultivation and blooms for several months. The flowers are large, averaging a foot or more in circumference, with large, broad petals of the purest white. One of Mr. Burbank's productions. One foot. June to October.

Each, 15 cts.; doz., $1.25; 100, $10. Second size, each, 25 cts.; doz., $2.50

See also Chrysanthemum Maximum

DIANTHUS (Hardy Garden Pinks)

For beautiful and lasting flowers, ease of culture and freedom of bloom these Hardy Garden Pinks have no superior. **Barbatus.** See Sweet William.

Cyclops. A new strain of great beauty, growing 15 inches high. Colors are exquisitely delicate, light rose, copper-color, crimson and flesh predominating. A clove-like odor adds to their attraction.

Plumarius Double. Large flowering, Pheasant's-eye Pink, with fringed edges of various colors 10 inches. May and June.

Semperflorens (Everblooming hardy Garden Pinks). Very beautiful, sweet-scented, double, semi-double and single flowers in great diversity of colors.

Price of the above four varieties, each, 15 cts.; 3 for 40 cts.; 6 for 75 cts.; doz., $1.25; 100, $8. Second size, each, 25 cts.; doz., $2.

Queen Louise. Large double white, with red center. Vigorous grower and profuse bloomer. One of the best. Should be in every collection.

Her Majesty. Exquisite large double white. Clove scented flowers.

Semperflorens Napoleon III. The plant is of a sturdy compact growth, rarely exceeding 10 in. in height, and from early summer until very late in the fall it is a mass of brilliant blood crimson flowers with a most delicious clove fragrance. A plant that always attracts attention and which is admired by everyone. **Each, 35c; doz., $3.50.**

Diamant. Large double white. An improvement over Her Majesty. **Each, 35c; doz., $3.50.**

Price of the above four sorts unless noted, **each, 25c; 3 for 60c; doz., $2.00.**

DIGITALIS (FOXGLOVE)

HARDY PINK, DIAMANT

DIGITALIS (Foxglove)

This old-fashioned summer-flowering perennial needs no description; succeeding under most all conditions and in almost any soil; will give the best of satisfaction.

Maculata Iveryana. Beautiful spotted varieties.

Gloxiniaeflora. This strain embraces a wide range of colors, from pure white to deep pink. 3 feet high. July and August.

Each, 15 cts.; 3 for 40 cts.; doz., $1.50; 100, $10

DORONICUM (Leopard's Bane)

One of the most effective, very early spring-flowering perennials, beginning to bloom early in April and continues to bloom at intervals throughout the season.

Caucasicum. Bright yellow flowers, 2 inches across. 15 inches high.

Excelsum. Large yellow flowers, 3 inches in diameter. 18 inches high.

Each, 15 cts.; doz., $1.50

ECHINOPS (Globe Thistle)

Humilis. A beautiful thistle-like plant, steel-blue flowers. 2 feet.

Sphaerocephalus. Similar to the above, but with pale blue flowers. 4 feet.

Each, 15 cts.; 6 for 75 cts.; doz., $1.50. Second size, each, 25 cts.; doz., $2.50

ECHINACEA PURPUREA

DIELYTRA, or DICENTRA (Bleeding Heart)

Graceful sprays of heart-shaped pink and white flowers, blooming in May or June. 18 in. Second size, **each, 15 cts.; 6 for 75 cts.; doz., $1.25; 100, $10.** Third size, each, 25 cts.; 6 for **$1.25; doz., $2.50; 100, $15.**

> MAGNOLIA, MINN., *July 20, 1907.*
> *Dear Sirs:*—I wish to express my appreciation of your careful attention to my orders the past season. Plants, etc., have invariably arrived in very nice condition and everything has proved satisfactory.
> R. H. ADAMS.

DICTAMNUS (Gas Plant)

A very showy border perennial, forming a bush about 2½ feet in height, having fragrant foliage and spikes of curious flowers during June and July, giving off during hot weather a fragrant volatile oil, which ignites when a match is applied to it.

Fraxinella. Showy rosy pink flowers, with deeper veins.

Fraxinella alba. Pure white.

Each, 15 cts.; doz., $1.50

Caucasicus. Taller and a stronger grower than Fraxinella. **Each, 25 cts.; the 3 for 50 cts.**

ECHINACEA (Giant Purple Cone-Flower)

Purpurea. Reddish purple flowers, 4 inches across. **Each, 15 cts.; 3 for 40 cts.; doz., $1.50.** Second size, each 25 cts.; doz., $2.

ERIGERON

Speciosus grandiflorus. Large, handsome purple-lilac. Blooms nearly the whole summer.

Grandiflorus superbus. Flowers with orange center. Blooms late in summer. 3 ft. **Each, 15c; 3 for 40c; doz., $1.50.**

ERODIUM (Crane's Bill)

Manescavi. Pinnate leaves; umbels of purplish red flowers. 1½ feet. May to September. **Each, 15c.; doz., $1.50.**

ERYNGIUM

Amethystinum. Finely cut spiny foliage; amethyst blue thistle flowers. 3 feet. May to September.

Planum (Ivory Thistle). Pale glaucous-blue [illegible] blue flowers. Very distinct. 3 feet. May to Septe[illegible]

Each, 15 cts.; doz., $1.50; Second size, each, 25 cts.; doz., $2.50

FUNKIA SUBCORDATA (WHITE DAY LILY)

EUPATORIUM

Ageratoides (Thorough-Wort). A useful border plant of strong free growth, 3 feet high, producing minute white flowers in dense terminal heads during August and September.

Coelestinum. A pretty hardy plant with light-blue flowers, similar to the Ageratum; begins to flower in August and continues until frost. 24 inches high.

Frazerii. White; very fine for cutting. 20 inches high. August.

Purpureum. The native purple species. August to October.

Each, 15 cts.; the 4 for 50 cts.; doz., $1.50; 100, $10. Second size, each, 25 cts.; doz., $2.25

HARDY FERNS

Adiantum pedatum (Maidenhair). One of the prettiest. Grows about 1 foot high; in rich shades.

Aspidium acrostichoides (Christmas Fern). An evergreen species, about 1 foot high, with deep green fronds.

Aspidium Cristatum. This species grows from 1 to 2 feet in wet, swampy places, with fronds about 3 inches wide.

Aspidium marginale. Fronds 1 to 2 feet in length, 3 to 5 inches wide.

Aspidium spinulosum (Wood Fern). A very pretty evergreen species, about 15 inches high, with finely dissected fronds.

Asplenium Felix-Foemina. Grows from 1 to 3 feet. Fronds ovate, oblong in outline, the foliage fine and delicate.

Asplenium angustifolium. A charming Fern. Grows 1 to 3 feet high, with simply-divided fronds.

Asplenium thelypteroides. Fronds 2 to 3 feet high, by 6 inches wide.

Onoclea sensibilis (Sensitive Fern). 1 to 2 feet. Wet places, open sun or shade.

Osmunda Claytoniana (Beech Fern). A good Fern for the shady corner. 7 to 12 inches wide, broader than long.

Each, 20 cts.; 3 for 50 cts. The collection of 10 for $1.50; small roots by mail. Larger roots, each, 25 cts.; 10 for $2, by express.

FUNKIA (Day Lily)

Lancifolia. Green lanceolate leaves; dark blue flowers in August. 1 foot.

Minor alba. Small growth; white flowers. Each, 25 cts.; doz. $2.50.

Subcordata. Flowers pure white, on sprays 4 to 5 inches long. Broad, rounded pale green leaves. 18 inches. August and September.

Fortunei. Distinct deep blue-green foliage; flowers white, tinged lilac. Each, 25 cts.; doz., $2.50.

Variegata. Green and white foliage with purple flowers borne in large clusters.

Unless noted, each, 15 cts.; doz., $1.50; 100, $10. Second size, each, 25 cts.; doz., $2.50.

GAILLARDIA

Grandiflora. Beginning to flower in June, they continue one mass of bloom the entire summer. Flowers 3 inches in diameter, center dark reddish brown, petals vary from scarlet-orange to crimson. 2 feet. Each, 15 cts.; 3 for 40 cts.; doz., $1.50; 100, $10. Second size. each, 25 cts.; doz., $2.50.

GEUM (Avens)

Pretty border plants, growing about 18 inches high and producing showy, bright-colored flowers the greater part of the summer and fall.

Heldreichi. Beautiful orange-colored flowers; very free.

Splendens. Bright orange-yellow; flowers twice the size of Heldreichi.

Each, 15 cts.; 2 for 25 cts.; doz., $1.50. Second size, each, 25 cts.; doz., 2.50

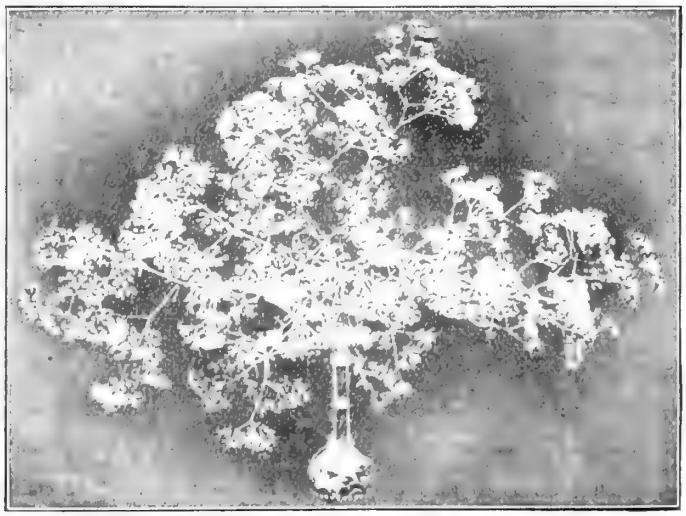
GUNNERA

Scabra. Imposing foliage plant. Leaves 4 feet in diameter. Height 8 feet. Protect the crown in winter from wet and frost. Each, 50 cts.

GYPSOPHILA

Paniculata fl. pl. This beautiful new hardy perennial has double pure white flowers, produced on huge branching panicles 3½ feet high, and is very valuable for cutting and desirable for the hardy border. Each, 40 cts.; doz., $4. Second size, each, 50 cts.

Paniculata (Baby's Breath). Grows 2 feet high. Small white flowers. August and September. Dainty for cutting purposes. Each, 15 cts.; 3 for 40 cts.; doz., $1.50. Second size, each, 25c.; doz., $2.50.



GYPSOPHILA PANICULATA FL. PL.

These Hardy Gaillardias are in bloom for 4 months and furnish an abundance of the most showy and handsome cut-flowers

HARPALIUM

Riginum semi-plenum. Flowers orange-yellow, semi-double. September and October. 4½ feet. Each, 15 cts.; 3 for 40 cts.; doz., $1.50.

Ligeri. New. Large single flowers, sulphur-yellow. 3 to 4 feet. Each, 30 cts.; 4 for $1; doz., $2.50.

HELENIUM (Sneezewort)

All of these are desirable border plants, with broad spreading heads of flowers, each species covering a long blooming season.

Autumnale superbum. Flowers deep yellow, in branching panicles, produced in wonderful profusion; one of the most distinct and striking perennial plants; flowers in September. 6 feet,

Hoopesi. Bright orange flowers. Showy and early. 4 feet. June to September.

Pumilum magnificum. A new hybrid of profusest bloom. Large delicate yellow flowers. 2½ feet. June to September.

Each, 15 cts.; 3 for 40 cts.; doz., $1.50; 100, $10. Second size, each, 25 cts.; doz., $2.50

HELIANTHUS

Hardy Sunflowers

The perennial Sunflowers are among the most effective hardy plants for large borders, for planting among shrubbery or as clumps on the lawn.

Divaricatus. Large single yellow flowers, 2-3 ft. high. Profuse bloomer, very useful for cut flowers.

Maximillianae. Yellow, long graceful sprays. Fine for cutting. 5 ft. September to October.

Mollis. Distinct. Foliage silvery gray; flowers single, lemon-yellow, with black center.

Multiflorus maximus. A gigantic single variety, growing from 5 to 6 feet high, producing immense single golden yellow flowers 6 to 8 in. across, from August to frost

Multiflorus plenus (Dahlia Sunflower). Loaded with yellow flowers; excellent cut-flower. 5 ft. August to September.

Sparsifolius. Of strong, vigorous growth. 6 to 8 feet high, and produces from August to October a mass of large, graceful, single, deep yellow flowers on long stems, making it a most valuable summer cut-flower as well as a beautiful plant for the hardy border. **Each, 25c; doz., $2.50.**

Any of the above except where noted, each, 15c; doz., $1.50; 100, $10; the set of 6 for 80c.

HELIOPSIS

Pitcherianus. Blooms all summer. Height 3 feet. Flowers deep golden yellow. July to September.

Scabra major. Producing large, deep orange-yellow flowers the entire summer. 3 feet high.

Each, 15c.; doz., $1.50; 100, $10. Second size, each, 25c, doz., 2.50.

HEMEROCALLIS

(Yellow Day Lily)

Aurantiaca. New. Exceedingly large, trumpet-shaped bright orange-yellow, sweet-scented flowers. June and July. **Each, 40c.; 3 for $1; doz., $3.50.**

Aureole. New. Flowers rich, deep orange, shaded crimson on the outside. Very fine. 2 feet. **Each, 50c.; doz., $5.**

Citrina. New. Extra free-blooming habit, as many as 25 lilies on one stalk. Color a light lemon-yellow. **Each, $1; doz., $10.**

Dr. Regel. New. Extra-fine late-flowering variety, with well-shaped rich apricot flowers. Height 2½ feet. **Each, 75c.; doz., $8.**

Aurantiaca major. Deep orange flowers, 5 inches across, sweet-scented. Height 2½ feet. June to August. **Each, 40c.; doz., $3.50.**

Dumortieri. Soft, rich yellow, exterior bronzy orange. 2 feet. June and July.

Flava (the common yellow Day Lily). Most useful; sweet-scented. 3 feet. July and August.

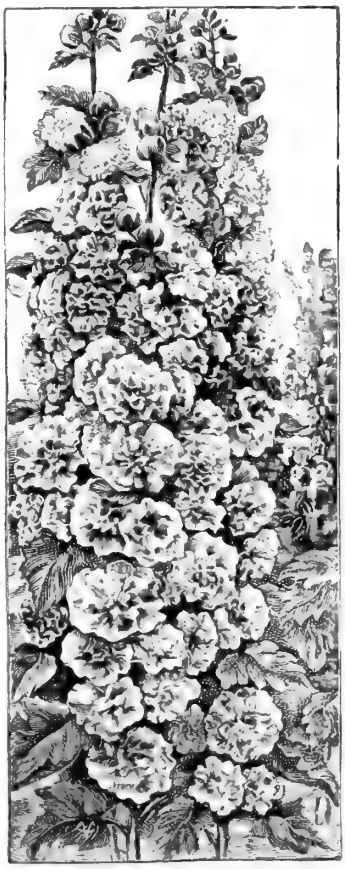
Kwanso fl. pl. (Double Orange Day Lily). Large orange-colored flowers, shaded copper. July and August.

Sovereign. Flowers large, with broad petals, soft chrome-yellow, shaded brown on outside. July. 2½ feet.

Unless noted, each, 15c.; doz., $1.50; 100, $10. Second size, each, 25c.; doz., $2.25. The set of nine Hemerocallis for $3.

HIBISCUS (CRIMSON EYE)

HEMEROCALLIS AUREOLE



DOUBLE HOLLYHOCK

HEUCHERA

Brizioides gracillima. Innumerable slender stems with tiny flowers of rosy carmine. **Each, 15c.; doz. $1.50.**

HIBISCUS

Crimson Eye. Flowers immense in size, pure white, crimson center. 4 feet. July to August.

Moscheutos (Swamp Rose Mallow). The flowers are 6 inches in diameter, of a light rosy red color, with darker eye. 5 feet. July and August.

Each, 15c.; 3 for 40c.; doz., $1.25. Second size, each, 25c.; 3 for 65c.; doz., $2.50.

In planning for your hardy perennial border, aim to secure variety and a continual succession of bloom. Plant the different varieties in masses, paying due consideration to color combinations. Plant the taller varieties in the background; dwarf kinds in the foreground. Write us your needs and we will gladly aid you in your selection of varieties

HOLLYHOCKS

Hollyhocks are undoubtedly among the most ornamental and handsome garden flowers, with their tall spikes, dotted all the way up with large double flowers, handsome as camellias and of the most lovely shades of color. They fit in the smallest garden and can be used with great effect in all kinds of borders, shrubbery, against the house, or along the fence. No matter where they are planted, they are always handsome, pleasing and ornamental. The Hollyhock requires a rich deep soil, well drained and will repay in quantity and elegance of bloom any extra care. A slight protection during the winter will be beneficial. Our stock consists of fine well-grown field plants ready to bloom this year. We offer the following colors: **Double White, Double Yellow, Double Pink** and **Double Red.**

First size roots, each, 15c; 3 for 40c.; doz., $1.25; 100, $10. Second size roots, each, 25c.; 3 for 60c.; doz., $2; 100, $15.

Old-fashioned Single. A fine strain of these old-time favorites; mixed colors. **Each, 15c.; doz., $1.50; 100, $10.**

IBERIS

(Hardy Candytuft)

Of spreading habit; flowers pure white, completely covering the plant with bloom. 9 inches. **Each, 15c.; 3 for 40c.; doz., $1.25; 100, $10.**

INULA (Flea Bane)

Ensifolia. Bright yellow flowers all summer. 6 inches. Suitable for rockery.

Macrocephala. Magnificent variety; flowers large, golden yellow. 4 to 5 feet.

Glandulosa grandiflora. Large, handsome yellow flowers from June to August. 2½ feet.

Each, 20c.; 3 for 50c.; doz., $1.75

INCARVILLEA

(Hardy Gloxinia)

Delavayi. A new, hardy, tuberous-rooted plant; one of the choicest perennial plants of recent introduction. It produces large, rose-colored, trumpet-shaped flowers, which remain in perfection a long time. These are produced in clusters on stems 18 inches high. **Each, 15c.; doz., $1.50.**

Grandiflora. More vigorous than above, with flowers twice as large. **Each, 25c.; doz., $2.50.**

INCARVILLEA DELAVAYI

GERMAN IRIS

GERMAN IRIS (Fluer-de-Lis)

The German Iris is one of the most desirable early spring-flowering plants. No garden is complete without a collection of these beautiful flags.

"S" refers to the three standard, or upright curling petals. "F" refers to the three falls, or drooping petals.

We offer the following choice collection:

Celeste. Fine satiny blue. This is the most beautiful Iris and highly recommended for cut flowers.

Clio. S. pale lavender passing to white; F. rich glowing purple, edged white; very handsome.

Darius. S. lemon yellow; F. purple bleaching on edged and top to pale yellow, large; 30 inches.

Hector. S. soft clouded yellow; F. velvety crimson; showy; 30 inches.

Her Majesty. Beautiful rosy lilac, the brightest of them all.

Mad. Chereau. The prettiest and tallest of all. S. and F. white; daintily edged with porcelain; blue; 40 inches.

Maori King. S. golden yellow; F. rich velvety crimson edged yellow; 14 inches.

Mars. S. light yellow; F. pale yellow with violet blotched and veins.

Mrs. H. Darwin. S. clear waxey white; F. white with violet veins; pretty; 2 feet.

Nellie. White and purple.

Pallida Speciosa. Reddish blue and white.

Pharaon. Lilac.

Penelope. S. white speckled violet; F. white, veined.

Queen Emma. Pure white.

Queen of May. S. lilac pink; F. lilac blended with white; distinct; 30 inches.

Sambucina. S. coppery rose; F. rosy purple with orange crest; 28 inches.

Trautlieb. Of purest clear rose, shading to white towards the center of the flower.

Variegata Major. Golden and bronze.

Price: Strong 1-year-old roots, each, 15c; 3 for 40c; doz., $1.50; per 100, $10.00, by express at purchaser's expense.

Special Offer No. 457. The set of 18 German Iris for $2.25, prepaid.

JAPANESE IRIS

NEW GERMAN IRIS

Iris Pallida Dalmatica.

The largest and most beautiful of all the German Iris. Perfectly hardy, strong grower and very free flowering. Exquisite shade of lavender. Valuable as a cut flower. Each, 25c; doz., $2.50.

IRIS PUMILA HYBRIDA

Dwarf variety of German Iris, growing about 8 inches high, very free blooming, sweet scented.

Cyanea. Rich royal purple with black shadings.

Florida. Beautiful lemon yellow shaded darker.

Each, 15c; 3 for 40c; doz., $1.50.

LATHYRUS

Latifolius Alba. Pure white hardy Sweet Pea.

Pink Beauty. (Pink Perennial Pea.) Free blooming running vine, 10 ft. June to October.

Latifolia Rubra. (Red Perennial Pea.)

Each, 15c; 3 for 40c; doz., $1.50. Second size, each, 25c; doz., $2.50.

IMPORTED JAPANESE IRIS

These magnificent Iris are among the most beautiful of our summer-flowering plants. They commence blooming about the middle of June and continue to bloom 5 to 6 weeks. Many of the flowers measure 8 to 10 inches in diameter. Our collection, imported from Japan, consists of the very choicest.

Blue Jay. Fine azure-blue, freely mottled.

Victor. Violet-purple, with white veins.

Gold Bound. Pure white, gold-bound center.

Pyramid. Violet-blue, veined white.

Princess Clothilde. Double, light blue.

Norane. Single blue, striped lighter. Fine.

Tortoise. Single; magenta, flaked white.

Mt. Hood. Light blue, shaded darker.

Norma. Very deep lavender; double.

Dinah. Double reddish pink, flaked white.

Oriole. Deep amaranth, yellow center.

Crystal. Double pale violet, veined white.

First size, each, 15c; 3 for 40c; any 12 for $1.25. Second size, each, 25c; any 12 for $2.50.

Special Offer No. 419. One each of the 12 Japanese Iris, in second size clumps, for $2.50 by express.

IRIS SIBIRICA ORIENTALIS, "YALE-BLUE"

Among the strong, free-growing Iris, adapting themselves to almost any position, and producing a mass of deep blue flowers under the most adverse conditions from June to August. First size, each, 15c; 3 for 40c; doz., $1.25. Second size, each, 25c; 3 for 60c; doz., $2.25.

LAVENDER

The leaves are sometimes used for seasoning, but the plant is chiefly grown for its flowers, which are used in the manufacture of perfumery. 18 inches. July and August. Each, 15c; 3 for 40c; doz., $1.25. Second size, each, 25c; doz., $2.00.

LILY-OF-THE-VALLEY

Clumps, each, 30c; doz., $3.00; 100, $22.00, by express.

LYCHNIS VESPERTINA ALBA FL. PL.

LINUM (Flax)

Flavum. Bright yellow flowers from June to September.

Perenne. A desirable plant for the border, with light graceful foliage and large flowers produced through the entire summer. Flowers delicate light blue and pure white; similar to Phlox. 12 to 15 inches. Each, 15c; 3 for 40c; doz., $1.50. Second size, each, 25c; doz., $2.50.

LOBELIA

Cardinalis. (Cardinal Flower.) Rich fiery cardinal flower. July to September. Each, 15c; 3 for 40c; doz., $1.50. Second size, each, 25c; doz., $2.50.

Syphilitica. Producing large spikes of flowers varying from deep blue to pale lavender. July to August. Each, 15c; 3 for 40c; doz., $1.50. Second size, each, 25c; doz., $2.50.

LYCHNIS (Rose Campion)

All of the Lychnis are of the easiest culture and this, in addition to their free-flowering habit, has brought them into high favor.

Chalcedonica. A most desirable plant, heads of brilliant orange scarlet, 2 to 3 ft., and blooms all summer.

Chalcedonica fl. pl. Producing immense heads of scarlet flowers; extra fine. 2 feet. July to September. Each, 25c; 3 for 65c; doz., $2.50. Second size, each, 50c; 3 for $1.25; doz., $4.00.

Haageana. Sometimes called scarlet "Maltese Cross." Very profuse bloomer; bright orange-scarlet flowers. 18 inches high. May and June.

Sieboldi. Beautiful white flowers, blooming in June and July. 12 in. high.

Viscaria. (Ragged Robin.) A showy double variety, with bright crimson flowers of a superior type; good. 1 foot. June and July.

Vespertina alba pl. Flowers double, white; blooms nearly all summer; fine. Each, 25c; doz., $2.50.

Price, unless noted, each, 15c; 3 for 40c; doz., $1.25; 100, $10.00. Second size, each, 25c; doz., $2.00.

LYSIMACHIA

Barystachis. (Strong-spiked Loosestrife.) A variety of easy culture, thriving best in a moist situation, such as the margins of ponds, etc. Plant erect; flowers white, small, disposed in dense erect terminal crowded racemes. 2 to 3 feet. Each, 20c; 3 for 50c; doz., $1.75.

LYTHRUM

Roseum Superbum. 3 feet high, producing large spikes of rose-colored flowers from July to September. Each, 15c; doz., $1.25; 100, $10.00. Second size, each, 25c; doz., $2.50.

MERTENSIA (Blue Bells)

Virginica. Early spring bloomer. Drooping panicles of light blue flowers, fading to pink. 18 inches. May and June. Each, 15c; doz., $1.50.

MINT

Old-fashioned Mint. Each, 10c; doz., $1.00; 100, $7.00. Second size, each, 20c; doz., $2.00. Large clumps, each, 50c.

MONARDA

Didyma. Large, brilliant scarlet flowers in profusion. 3 feet. June to September. Each, 15c; 3 for 40c; doz., $1.50; 100, $10.00. Second size, each, 25c; doz., $2.50.

MYOSOTIS (Forget-Me-Not)

Palustris Semperflorens. A hardy variety that is hardly ever out of flower; useful in a shady spot in the border. Each, 15c; doz., $1.50. Second size, each, 25c; doz., $2.50.

PEONIES

Once Planted, They Will Last a Lifetime

Cultural Directions are sent with every order for Peonies

These great big-hearted flowers of June are coming again to be as much liked as they were by our grandfathers, and as they have always been by those wonderful Japanese gardeners. Peonies will succeed in almost any kind of soil, but give best results when planted in a deep, rich and somewhatwhat moist loam. The Vaughan collection of Peonies is now one of the largest and choices in this country and we offer roots in all sizes at practically wholesale rates in order to give all of our friends and customers a chance to plant liberally of them.

Prices of Roots are based on the following sizes: First size will have 2 to 3 eyes; second size 4 to 5 eyes; third size 6 to 8 eyes; fourth size 10 to 15 eyes.

FESTIVA MAXIMA, THE BEST WHITE PEONY

WHITE SORTS

	1st size	2d size	3d size	4th size
Duchesse de Nemours. (Calot.) Very fine cup-shaped flowers. Pure white. Fragrant	$0.50	$0.75	$1.00	$2.00
Festiva Maxima. The standard of perfection in Peonies. Pure white with carmine spots on center petals. Flowers are of immense size, on long stiff stems	.50	.75	1.50	2.50
Jeanne d'Arc. We think this is one of the very best; is early. Very large, full flowers. Blush guard, center canary-yellow, fading to white, outer petals soft pink	.50	.75	1.25	2.50
La Tulipe. Blush white with red tulip-like markings on outside of guard petals	.50	.75	1.25	2.50
Madame de Verneville. Midseason. On strong stem; very well formed, compact, full imbricated blooms, literally packed with overlapping petals; very broad guards, sulphur-white, center delicate rose-white with an accidental touch of carmine. Grand for all purposes	.50	.75		
Mad. Breon. Extra-large rosy white flowers; very free	.25	.50	1.00	2.00
Marie Lemoine. Delicate ivory-white; solid massive blooms of extra size; very late	1.00	1.50	2.50	
Mad. Crousse. Very large flowers, snow-white; center petals edged bright carmine; one of the best	.75	1.00	1.50	2.50
Queen Victoria, or **Whitleyi.** Large, full white with creamy center	.25	.50	.75	1.50

LIGHT PINK SORTS

	1st size	2d size	3d size	4th size
Comata. Fine blush pink	$0.25	$0.40		
Delicatissima. Large flowers; delicate, clear pink; very fragrant	.50	.75	$1.50	$2.50
Dorchester. This is one of the prettiest, most delicate shell-pinks. Very late	.50	.75	1.50	2.50
Faust. Large rosy, flesh-colored flowers; chamoise center	.35	.65		
General Cavignac. Large, deep rounding flowers, crowded with short petals of a clear flesh pink. Extra good	.75	1.00	1.50	2.50
Gigantea. This is one of the best for cut flowers. Earliest to bloom. Enormous flowers on long stems. Deliciously fragrant	.35	.50		
Gloire de Chenonceaux. Large, very full, satiny pink flowers, slightly shaded with white. Excellent habit. Late bloomer	.35	.50		
Magnifica. A very pretty light pink with a cream-white center. It is a very satisfactory variety, being a free and early bloomer, with a turban-shaped flower	.25	.40		
Mad. Geisler. Very large. Lilac-pink edged white	.40	.65		
Room von Boskoop. When opening soft pink, later turning to white fine globular flowers; abundant bloomer	.50	.75		

RED AND CRIMSON SORTS

	1st size	2d size	3d size	4th size
Delachii. Dark crimson; good form; fine bloomer	$0.25	$0.50		
Edward Andree. Large, full flowers of deep carmine-red. A good one	.50	.75		
Felix Crousse. Large, full, ball-shaped flowers; brilliant red with ruby flamed center. We think this the best of all red Peonies	.75	1.00		
Louis Van Houtte. Very finely shaped blooms of large size; rather loosely formed and not overly double; exceptionally valuable in landscape work. Color brilliant carmine-maroon	.35	.50	$1.00	$2.00
Meissonier. Large convex blooms; broad petals. Color deep crimson. Extra fine	.25	.50		
Modeste Guerin. Bright lively purplish carmine, perfect ball-shape, fine foliage and habit. Extra	.40	.60		
Officinalis rubra fl. pl. The well-known early crimson; medium-sized flowers. First of all to bloom	.15	.25		
Rubra Triumphans. Dark purplish crimson; petals large; very sweet, semi-double; fine	.35	.50		
Tenuifolia fl. pl. Double red, early, foliage fern-like	.50			

BRIGHT ROSE AND DEEP PINK SORTS

	1st size	2d size	3d size	4th size
Comte de Nieppberg. Bright carmine. Early	$0.35	$0.50		
Jules Calot. Large flowers; bright carmine-pink	.50	.75	$1.25	$2.50
Modele de Perfection. Large, full, double, rose-pink	.50	.75	1.25	2.50
Mons. Jules Elie. Very large, full globular flower. Color glossy pink; flower of a nice form and quite fragrant. Midseason	1.00	1.50	2.50	
Officinalis rosea superba. Clear rose-pink. The earliest pure pink Peony to bloom	.40	.65		
Superbissima. Carmine. Very fine	.35	.50		
Thorbecki. Tender rose, center deep rose; early	.35	.50	1.00	1.50
Van Dyck. Rose salmon. Very fine	.40	.60		

JAPANESE TREE PEONIAS

These Tree Peonias grow in the form of a dwarf shrub. Very free flowering, blooming earlier than the herbaceous sorts, and while also perfectly hardy they are benefited by a slight protection through the Winter. The flowers are very large, from 8 to 12 inches across, and are of the richest and most lovely shades of color imaginable.

Each, $1.00, the set of 10 for $9.00, by express at buyer's expense. Order by number.

No. 8. Flower medium size. Base of petals rose, shading to shell pink. Edges of flowers white. Petals incurved.

No. 12. Larger than No. 8 and fewer petals. Base of petals shell pink, upper half of petals white. Shows stamens.

No. 21. In color like No. 12, but the center of the flower is filled with upright petals.

No. 22. Double white.

No. 23. Larger than No. 22, center of flower shows stamens.

No. 27. Rich plum color, like Brunhilde Dahlia.

No. 29. Very large flower, color rich lake, edges of petals white.

No. 32. Semi-double. Large flower, shows stamens. Rich deep lake, edges of petals rose.

No. 36. Semi-double. Flower shows stamens. White with a purple lavender marking on the base of each petal.

No. 38. Light plum color. Large flower. Shows stamens.

SINGLE PEONIES

Three Fine Single Japanese Peonies. Some of the Single Peonies are even more beautiful than the double. They are larger in size of flowers and more delicate in coloring. We offer white, crimson and rose. 1st size, each, 50c; 3 for $1.25, prepaid. 2d size, each, 75c.

PEONIES IN LARGE CLUMPS

We have a limited amount of choice kinds in red, pink and white in large clumps at $2.00, $3.00 and $4.00 each, depending on size and variety.

Ferulie Collection

If you want three choice Peonias take this collection.

1 Festiva Maxima, white. **1 Mons. Jules Elie,** pink.

1 Rubra Triumphans, red.

The 3 in 1st size for $1.50. The 3 in 2nd size for $2.00. } All Prepaid { The 3 in 3rd size for $3.75. The 3 in 4th size for $6.50.

OENOTHERA (Evening Primrose) Youngii. Numerous sprays of deep golden yellow flowers. 2 feet. Each, 15c; doz., $1.[illegible]

OLD MAN, or ROSEMARY. Each, 2[illegible]

PACHYSANDRA Terminalis. Low trailer forming mats of glossy green foliage; small spikes of white fl[illegible] where grass fails. 6 inches. Second size, each, 25c, doz. $2.25; 100, **$18.00.**

HARDY PHLOX

These we consider the most desirable of all hardy perennials, flowering abundantly from July until late in the autumn. These new French varieties are of a dwarf growth, seldom attaining a height of over 12 to 18 inches. The immense flower heads often measure from 7 to 9 inches across, with flowers as large as a silver dollar, and comprise all shades, vermillion to white. They delight in sunny locations and rich soil, but are not particular.

TWELVE CHOICE AND RARE HARDY PHLOX

This collection contains the cream of the choicest varieties we offer.
First size, pot grown plants (ready April 1st), each, 20c; doz., $2.00. Second size, roots, each, 30c; doz., $3.00.

Beranger. Ground color white, delicately suffused with rosy pink and a distinct amaranthe red eye; early. Medium high.

Flora Hornung. Milk-white, with carmine eye; large flower. Dwarf grower.

Fraulein von Lassburg. The purest snow-white in cultivation. Individual flowers larger than any other white. Extra fine. Tall.

G. A. Strohlein. Glowing orange scarlet, with blood-red eye. Immense heads.

General von Heutz. Brilliant salmon-red with white center. Very large heads. Free bloomer. Extra fine. Medium high.

Gruppen Koenigin. Flesh with dark eye. Immense heads, very large individual flowers, very free and lasting. Medium high.

L'Aiglon. One of the best of the deep rose colored varieties, bright carmine eye. Medium high.

Pantheon. Deep salmon rose, very fine. Tall.

R. P. Struthers. Rosy carmine with claret eye. Very bright. Tall.

Selma. Large trusses of very large pink flowers with cherry red eye. Extra fine. Medium high.

Tapis Blanc. Pure white. Immense heads, of extra dwarf habit. The best dwarf phlox in cultivation.

Von Hochberg. The ideal crimson. The richest of its color. One of the best.

TWELVE SUPERB STANDARD VARIETIES OF HARDY PHLOX

First size pot grown (ready April 1st), each, 15c; doz., $1.50. Second size, each, 25c; doz., $2.50.

Bridesmaid. Pure white with large crimson carmine eye. Very fine.

Clara Benz. Brilliant carmine rose. Medium high.

Coquelicot. A fine orange scarlet with crimson eye. Very fine.

Eclaireur. Brilliant rosy magenta with large lighter halo. An excellent variety.

Etna. Crimson suffused with fiery red. Extra good.

Jeanne d'Arc. Pure white, large flowering variety.

Lothair. Salmon red with carmine eye.

Madame Bezanson. Deep crimson. Very fine.

Mrs. Arthur Baker. Fine salmon. Very distinct.

Prof. Schlieman. Salmon rose with carmine eye. Extra good.

Rheingau. Cream white, good form.

Von Goethe. Pure clear pink, with white eye. Very fine.

Special Offer No. 462. One each of the above 12 Phlox, first size, $1.25; second size, $2.00.

Special Offer No. 463. Surprise Collection. This collection contains many varieties of Phlox not listed, all good standard varieties. 12 plants, our selection, first size, doz., $1.00; second size, doz., $1.50.

Special Offer 465. "CITY BEAUTIFUL."

PENTSTEMON BARBATUS TORREYI.

Collection of Hardy Plants

Aquilegia Coerulea. Color, true blue. 1 foot high. June to August.

Chrysanthemum Maximum. Flower ¾ in across. Pure white with yellow centers. Blooms from July to October.

Coreopsis Lanceolata Grandiflora. Begins to bloom early in June and continues in flower all summer; one mass of golden yellow.

Delphinium Formosum. (Larkspur.) Large, deep blue flower spikes with white eye. Blooms from July to September.

Dianthus Barbatus. (Sweet William.) Beautiful, sweet-scented flowers in variety of color. A great improvement over the old fashioned Sweet Williams.

Lobelia Cardinalis. (Cardinal Flower.) Rich, fiery red. July to September.

One each of the above 6 varieties for 60c; 5 sets for $2.50. Ready April 1st.

Special Offer 466.

HARDY PHLOX

Coquelicot. True orange scarlet with deep crimson eye.

Alice Pearson. Clear pink with carmine eye; of dwarf growth; blooms early.

Bridesmaid. Pure white with large crimson eye.

Berenice. Pure white, compact heads.

Eclaireur. Purplish crimson, very bright, with light halo.

Mad. Bezanson. Deep crimson, one of the best.

One each of the above 6 varieties for 75c; 5 sets for $3.50. Ready April 1st. **Customers will please state what date they desire plants sent.**

HARDY PHLOX.

EARLY-FLOWERING HARDY PHLOX

(Phlox-Suffruticosa)

This type, while it does not contain the rich bright colors which are a feature of the collections offered above, is invaluable on account of coming into bloom in May, or fully six weeks earlier than other sorts, and continuing throughout the season.

First size, each, 15c; doz., $1.50. Second size, each, 25c; doz., $2.50.

Miss Lingard. Pure white.

Lady Masgrove. Red, with white cross.

Mme. Fournier. White, with pink eye.

Special Offer No. 464. Set of above 4 kinds, first size, for 50c; second size for 85c, postpaid.

SURPRISE PHLOX COLLECTION

To introduce the Hardy Phlox in every garden, we will send for 50 cents 10 choice hardy Perennial Phlox, our selection of kinds, not labeled. Do not miss this special offer, which is less than half price. Ready April 15.

PHLOX SUBULATA (Moss, or Mountain Pink)

Amana. One of the best for rockery or border. It grows but 4 in. high and in Spring is a sheet of rich bright pink.

Alba. Similar to above, except white flowers.

Rosea. Spreading stems of narrow moss-like leaves; very dwarf; flowers pinkish purple, with dark center.

Each, 15c; 3 for 40c; doz., $1.25. Second size, each, 25c; doz., $2.50.

PHLOX DIVARICATA

Laphami (Perry's Variety). Most beautiful and distinct variety of the divaricata class. Recently introduced. Covered with sky-blue flowers from April to the end of July. Each, 35c; doz., $3.00.

PARDANTHUS (The Blackberry Lily)

Sinensis. Orange-colored flowers, succeeded by berries resembling Blackberries. Each, 15c; 3 for 25c; doz., $1.00; 100, $7.00. Second size, each, 20c; 3 for 50c; doz., $1.50. Third size, each, 30c; 3 for 75c; doz. $2.50.

PENTSTEMON (Beard-tongue)

Most useful hardy perennials, either for the border or rockery. They bear attractive and showy flowers.

Newbury Gem. The best border plant, producing loose panicles of tubular gloxinia-like flowers of a rich carmine-red; throat prettily marked. 2 to 3 feet. July and August. Each, 40c; 3 for $1.00; doz., $3.50.

Digitalis. Large spikes of long purple-white flowers with purple throats, during June and July. 2 feet.

Barbatus Torreyi. Spikes of brilliant scarlet flowers. Height 3 feet. June to August.

Each, unless noted, 15c; 3 for 40c; doz., $1.50; 100, $8.00.

PHYSOSTEGIA

PHYSOSTEGIA (False Dragon Head)

One of the most beautiful of our midsummer-flowering perennials, forming dense bushes 3 to 4 feet high, bearing spikes of delicate tubular flowers not unlike a gigantic heather.

Virginica. Bright but soft pink. **Virginica alba.** Pure white; very fine.

Each, 15 cts.; doz., $1.50; 100, $10. Second size, each, 25 cts.; doz , $2.50

PLATYCODON

Grandiflora. A constant bloomer from early spring until fall. Immense masses of deep blue bell-shaped flowers.

Mariesi (Tuberous-rooted Clematis). Bearing grand clusters of large bell-shaped flowers, lovely violet-blue. 1 foot.

Mariesi alba. Similar to foregoing, but with white flowers. New and very desirable.

Each, 15 cts.; 3 for 40 cts.; doz., $1.25; 100, $10. Second size, each, 25 cts.; doz., $2.50

PLUMBAGO (Leadwort)

Larpentae. Of dwarf spreading habit, growing 4 to 6 inches high; useful as an edging plant or for rockery; covered with beautiful deep blue flowers during the summer and fall months. Each, 15 cts.; 3 for 40 cts.; doz., $1.25; 100, $10 Second size, each, 25 cts.; doz., $2.50.

HARDY POPPIES (Papaver Orientale)

Nothing can equal these in gorgeous effect and, whether planted singly or in masses, their large flowers, rich coloring and freedom of bloom render them conspicuous in any position. They grow 3 feet high and bloom from May to August.

Goliath. Flowers scarlet, of enormous size; 3½ feet. Each, 25 cts.; doz., $2.50.

Mahony. Deep maroon, almost black. Each, 25 cts.; doz., $2.50.

Masterpiece. Purest salmon-pink, tinged mauve. Each, 25 cts.; doz., $2.50.

Princess Victoria Louise. Wonderful soft lilac-rose. Second size, each, 50 cts.; doz., $4.

Silver Queen. Silvery white tinted blush.

Mary Studholme. One of the best; flowers pure salmon with silvery shade and a touch of carmine at the base. Each, 25 cts.; doz., $2.50.

Oriental "Royal Scarlet." Mammoth scarlet flowers with black center. 3 feet. May to August. Each, 15 cts.; 3 for 40 cts.; doz., $1.25; 100, $10. Second size, each, 25 cts.; doz., $2.25; 100, $18.

Iceland. These range in color from the purest white and yellow to the deepest scarlet. Height 12 inches. Often a hundred flower-stems on a single plant. They bloom from June until October. Each, 15 cts.; doz., $1.50.

POTENTILLA (Cinquefoil)

Charming plants for the border, with brilliant flowers that are produced from June to August in profusion; they grow about 18 inches high and will succeed in any garden soil.

Formosa. Single, rosy red.

Hybrida. These we only offer in single mixed colors ranging from yellow to dark crimson.

Each, 15 cts.; doz., $1.50; 100, $10. Second size, each, 25 cts.; doz., $2.50.

Atrosanguinea. This very scarce Potentilla is one of the very best and most beautiful. The well-formed flowers which are produced freely throughout the summer, are of a fine brilliant scarlet color. Each, 35 cts.; doz., $4.00.

HARDY ORIENTAL POPPY

HARDY PRIMROSES

Acaulis Croussie pl. Double; rosy lilac with white margin.

Elatior aurea grandiflora. Golden yellow, large. English Cowslip. Each, 25 cts.; doz., $2.50.

Elatior gigantea hybrida. 1 ft. Many colors mixed, produced in umbels.

Elatior gigantea alba. Large white. Very fine abundant bloomer. Each, 25c; doz., $2.50.

Gold Laced. Flowers of brilliant colors with distinct yellow edges.

Rosea grandiflora. Bright rose, one of the prettiest of hardy Primroses.

Sieboldi, Atlas. Rosy pink, white center.

Sieboldi, Fairy Queen. White, under side of flowers lilac.

Sieboldi, Princess Beatrice. White, curled petals.

Sieboldi, Sirius. Crimson-scarlet with white eye.

Veris Grandiflora. Flowers measure from 1½ to 2 in. in diameter, borne on stout stems 12 in. long. Dark red, white, pink, red, yellow, etc. Second size, each, 25c; doz., $2.50.

Except noted, each, 15c; doz., $1.50; 100, $10.

RANUNCULUS

Aconitifolius fl. pl. (Fair Maids of France.) Branching bush, 2 ft. high; flowers double, pure white; May, June. Second size, each, 25c; doz., $2.50; 100, $20.

ROMNEYA

Coulteri. Flowers white, 6 in. across, delicate and transparent; fragrant. Second size, each, 50c; doz., $5.00.

PLATYCODON (JAPANESE BELLFLOWER)

PYRETHRUM HYBRIDUM

Too much cannot be said in favor of this grand hardy perennial. Their main season of blooming is in June, but if the old flower-stems are removed they will give a fair sprinkling of flowers in the autumn.

Alfred Kelway. Rich crimson, double.

Gazelle. Single carmine.

Lord Roseberry. Double red. The best of this color.

Maud. Single soft pink.

Ne-plus-Ultra. Double flesh.

Queen of Whites. Single white, cream center.

Princess de Metternich. Double white.

Yvonne Cayoux. Double cream with yellow center.

The above 6 sorts, each, 25 cts.; the 6 for $1.25; doz., $2.50.

Single Varieties, Kelway's hybrids. In pink, red and white.

Uliginosum (Giant Daisy). Grows 4 to 5 feet high, and is covered with large white daisy like flowers, 3 inches in diameter, from July to September.

Above 2 sorts, each 15 cts.; 3 for 40 cts.; doz., $1.25; 100 $10.

RUDBECKIA

Golden Glow. 5-7 ft. This is decidedly one of the brightest and most showy among the hardy plants and one of the easiest culture possible, commencing to bloom in July and continuing until killed by frost. The plant is compact, growing vigorously, producing numerous stems which are laden with double golden yellow flowers, in size and general shape resembling a cactus dahlia. Excellent cut flowers, lasting when cut.

Golden Ray. (An improved Golden Glow.) The flowers of this handsome new hardy perennial are a little smaller than those of Golden Glow, but are more double and of a clearer golden yellow. The petals are pointed and arranged in tile fashion over each other. Each, 25c; doz., $2.50.

Fulgida Compacta. 2 ft. Brilliant orange yellow; produced in masses on much branched plants. Flowers from July to September.

Maxima. 6 ft. A rare and attractive variety, with broad, oval glaucous, green foliage and immense flowers, frequently 6 inches across, of bright yellow, with a cone 2 inches long. It flowers continuously from June to September.

Newmanni. 2 ft. Dark orange-yellow flowers, with deep purple cone. Fine for cutting. June to September.

Sub-Tomentosa. 2½ ft. A pyramidal, densely branched plant, producing a mass of brilliant lemon-yellow flowers with dark purple centers.

Purpurea, "Evening Sun." 4 ft. New. A deep wine-red; perfect circle. Close, broad-petaled; flowers are borne on long slender stems. July to September. Each, 50c; doz., $5.00.

Nitida, "Fall Sun." 6 ft. The large golden yellow flowers are larger than Autumn Glory; the petals are of great substance. October. Each, 40c; 3 for $1.00; doz., $3.50.

Price of the above, unless noted, each, 15c; 3 for 40c; doz., $1.50; 100, $10.00. Second size, each, 25c; 3 for 65c; doz., $2.50; 100, $15.00.

SAPONARIA

Ocymoides Splendens. 9 in. Very showy rock plant, producing during the summer months masses of small, bright crimson flowers. Each, 25c; 3 for 65c; doz., $2.50; 100, $20.00.

SCABIOSA

Caucasica. 2 ft. This is one of the handsomest hardy plants and one which should be grown by every one, if only for the sake of its flowers for cutting, a use to which they are peculiarly adapted. They are a beautiful soft lilac; vigorous growers, perfectly hardy and free-blooming. June to September. Each, 15c; doz., $1.50.

Alba. Similar to Caucasica. Heavy, large white flowers Each, 15c; 3 for 40c; doz., $1.50.

Japonica. 1 ft. A dwarf, bushy grower with abundance of lilac-blue flowers from July to November. Each, 15c; doz., $1.50.

Gigantea. Similar to Japanese, with double creamy white flowers. Free bloomer. Each, 25c; doz., $2.50.

SEDUM

Acre. (Golden Moss.) Much used for covering graves; foliage green; flowers bright yellow.

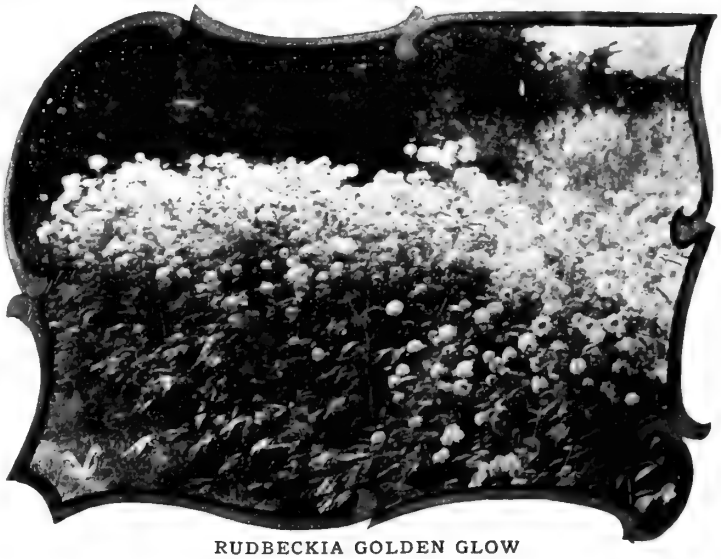
Spectabilis. (Brilliant Stonecrop.) One of the prettiest erect-growing species, attaining a height of 18 inches, with broad, light green foliage and immense heads of handsome, showy, rose-colored flowers. Indispensable as a late fall-blooming plant.

Each, 15c; doz., $1.50; 100, $10.00.

NEW GIANT-FLOWERED SWEET WILLIAM

STATICE LATIFOLIA.

932 Reed Place, Chicago, Ill.
I have used your seeds, plants and bulbs in my garden for a number of years with **splendid success.** My individual success with your well-known garden products is a strong evidence of their superiority in the market.
Mrs. Frieda Jacobson.



RUDBECKIA GOLDEN GLOW

SOLIDAGO (New Dwarf Goldenrod)

Virgaurea Nana. 18 in. Golden yellow feathery sprays; very fine. September. Each, 15c; 6 for 75c. Second size, each, 25c; doz., $2.50.

SIDALCEA

Rosy Gem. (India Mallow.) 3 ft. Beautiful new variety; produces graceful spikes of brilliant pink flowers. August and September. Tall and graceful.

Listeri. 3 ft. Flowers delicate pink. Tall and graceful spikes with flowers 2 to 3 inches across, of delicate shade of pink and finely fringed. July. Each, 20c; 3 for 50c; doz., $1.75.

SILPHIUM

Perfoliatum. (Compass Plant.) 4 ft. Large, composite; light yellow flowers; tall, branching flower stems. July. Each, 35c; 3 for $1.00; doz., $3.50.

SPIRAEA

Filipendula fl. pl. 18 in. Corymbs of double white flowers and pretty fern-like foliage. One of the most useful and showy perennials.

Lobata Venusta. 3 to 4 ft. Branching, feathery plumes of soft rose-color. One of the best.

Purpurea Palmata. 2 ft. Graceful plumes of lovely rosy crimson flowers.

Each, 20c; 3 for 50c; doz., $2.00.

STATICE (Sea Lavender)

Latifolia. Forms large heads 2 feet across, composed of pyramids of lavender flowers. Each, 15c; doz., $1.50. Second size, each, 25c; doz., $2.50.

STENANTHIUM ROBUSTUM

(Mountain Feather Fleece)

A very rare, remarkable perennial with tall, showy panicles of pure white feathery flowers on stem 4-5 ft. high. Valuable for naturalizing or planting in groups in the hardy border. Of bold and striking appearance. No collection is complete without this. Does well in moist or shady places. Each, 50c; doz., $5.00.

STOKESIA (The Cornflower, or Stokes' Aster)

Cyanea. 18 in. Produces showy aster-like, deep blue flowers which measure from 4 to 5 inches across. It is of the easiest culture, succeeding in any open sunny position. **The plants bloom freely from June until frost.** Each, 15c; 3 for 40c; doz., $1.25. Second size, each, 25c; doz., $2.50.

Cyanea Alba. In this new variety we have a counterpart of the above in general habit of growth and freedom of bloom, except in color. It is a pure white and one that is certain to be a welcomed addition to the hardy garden. Each, 25c; doz., $2.50.

SWEET WILLIAM Dianthus Barbatus

An improvement on the old-fashioned Sweet William, both in variety of color and size of flowers and trusses. The single florets often measure 1 inch in diameter.

Giant-flowered Single and Double Mixed. These are beautiful, sweet-scented pinks; very large flowers; many colors. May.

Giant-flowered Double Red. These beautiful, large-flowering, sweet-scented double pinks are fine for cemetery planting.

Double White. This variety is the largest double white sort grown. The stems are very long. May and June.

Each, 15c; 3 for 40c; doz., $1.25; 100, $10.00.

Gardeners' Situations. A register for applications of gardeners open for engagement, and employers seeking reliable men, is kept at both our New York and Chicago offices. We can often advise both parties interested. We have aided many each year. There is no fee.

THALICTRUM (Meadow Rue)

Delavayi. The best. Flowers borne on tall branching stems, of beautiful dark lilac color. 30 inches. **Each, 25 cts.; doz., $2.50.**

Flavum. Finely cut foliage; long spikes of yellow flowers, blooming freely from July to September. 4 feet in height.

Adiantifolium. Foliage resembles that of the Maidenhair Fern; yellow flowers. A form much used and admired. 8 inches. May and June.

Each, 15 cts.; 3 for 40 cts.; doz., $1.25. Second size, each, 25 cts.; doz., $2.25

TRILLIUM (Wood Lily, or Wake Robin)

Grandiflorum. Excellent for shaded positions in the hardy border or in a subaquatic position. Covered with large white flowers in early spring. **Each, 10 cts.; doz., $1; 100, $6; 1,000, $50.**

TROLLIUS

Asiaticus fl. croceo. True; very scarce; very fine dark orange.

Caucasicus, "Orange Globe." Large globular flowers of rich, deep glowing orange. 3 feet.

Japonicus Excelsior. Double, dark orange flowers; blooms a long time.

Hybrids. In many shades of yellow and orange and varying also in form. 3 feet. May to August.

Each, 20 cts.; 6 for $1; doz., $1.75.

TRITOMA

(Red-Hot-Poker Plant; Flame Flower, or Torch Lily)

Pfitzerii (the ever-blooming Flame Flower). Surpasses the finest Cannas for attractiveness and brilliancy; blooms incessantly from August until November. Plants show from 6 to 10 grand flower-stalks all the time, each holding at a height of 3 feet a great cluster of flame-colored flowers. Not hardy in our northern states and would advise taking up in the fall. **Each, 15 cts.; 3 for 40 cts.; doz., $1.50; 100, $10.** Second size, roots, **each, 25 cts.; doz., $2.50.**

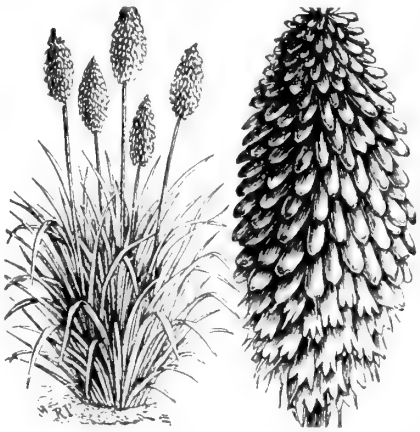
Obelisque. Producing chrome-yellow flowers on stems 3 feet high. **Each, 50 cts.; doz., $5.**

Triumph. Frequently produces flower-heads 16 inches long on stems 3 feet high. Color a rich golden yellow. Each, 50 cts.; Doz. $5.

Uvaria grandiflora. Producing tall spikes of bright orange flowers. 3 feet high. **Each, 15 cts.; 3 for 40 cts.; doz., $1.25; 100, $10.** Second size, **each, 25 cts.; doz., $2.50.**

Express. Brilliant orange with carmine; the earliest Tritoma. June, July and August. 2 feet. **Each, 25 cts.; doz., $2.50.**

One each of above 5 Tritomas, first size, for $1.25.



TRITOMA PFITZERII

HARDY ENGLISH VIOLET

Large, deep purple, double flowers, very fragrant. Perfectly hardy and should be planted in every garden. First size plants, **each, 15 cts.; doz., $1.50.** Second size plants, **each, 25 cts.; doz., $2.50, by express.**

VERONICA SUBSESSILIS, THE BLUE JAY FLOWER

YUCCA FILAMENTOSA.

VERONICA

Longifolia subsessilis (The Blue Jay Flower). A pretty species with blue flowers, produced on spikes a foot long, continuing in bloom the entire summer and fall; one of the best hardy flowers and should be in every permanent border. **Each, 20 cts.; 6 for $1.**

Spicata. An elegant border plant, growing about 3 feet high, producing long spikes of bright blue flowers. Lasts for weeks. **Each, 15 cts.; 3 for 40 cts.; doz., $1.25;** Second size, **each, 25 cts.; doz., $2.50.**

Elegans. Fine white; same habit as Spicata. **Each, 25 cts.; doz., $2.50.**

VINCA (Periwinkle, or Trailing Myrtle)

Minor. An excellent dwarf evergreen trailing plant that is used extensively for carpeting the ground under shrubs and trees, or on graves where it is too shady for other plants to thrive. **Each, 15 cts.; 2 for 25 cts.; 6 for 60 cts.; 12 for $1; 25 for $2.**

YUCCA (Adam's Needle)

Filamentosa. Flowers pure white, drooping, borne on long stems. A fine plant for the lawn or cemetery; hardy and evergreen. **Each, 15 cts.; 2 for 25 cts.** Large plants, by express, **each, 25 cts.; 5 for $1.** Larger size, **each, 50 cts.; doz., $5.**

Yuccas thrive in the most barren soil. Just the plant for sand-dunes or rocky situations

HARDY ORNAMENTAL GRASSES

For single specimens, beds or groups on the lawn, nothing gives a better effect

Arundo donax variegata. A variegated giant grass. Foliage creamy white and green; growing 6 feet. **Each, 30 cts.; 2 for 50 cts.;** Larger size, **each, 50 cts.**

Erianthus Ravennae (Plume Grass). Forming dense tufts of narrow foliage. 10 feet high. It closely resembles the Pampas grass.

Eulalia gracillima univittata. Narrow green leaves with silver, white midrib.

Eulalia gracillima Japonica variegata. Striped lengthwise with green, white and often pink and yellow. 4 feet.

Eulalia Japonica Zebrina (Zebra-Striped Grass). The foliage is distinctly marked across the leaf with broad, yellow bands. 5 feet.

Phalaris arundinacea variegata (Variegated Ribbon Grass, or Gardener's Garters). Large variegated foliage; an excellent grass for bordering large beds. **Each, 10 cts.; 6 for 50; 100, $7.** Second size, **each, 15 cts.; doz., $1.50.** Third size, **each, 25 cts.; doz., $2.50.**

Price, except otherwise noted, each, 25 cts.; doz., $2.50; Second size, each, 50 cts.; doz., [illegible]

ORNAMENTAL and FLOWERING SHRUBS.

We invite a visit to our nursery to inspect our stock of Ornamental Shrubs, Fruit and Shade Trees, etc. We have a choice lot of specimens such as are not usually seen. Our nursery is located at Western Springs, two blocks south of 47th Street, the continuation of East Boulevard.

A denotes shrubs which attain 9 to 12 feet in height at maturity.
B denotes shrubs which attain 5 to 8 feet in height at maturity.
C denotes shrubs which attain 1 to 4 feet in height at maturity.

ALMOND, DOUBLE-FLOWERING (B)

A desirable class of early-flowering shrubs, blooming in early Spring. The flowers are double and are either pink or white.

Double Pink or Double White. 2 to 3 ft., **40c; 3 for $1.10; doz., $4.25.**
Double White. Specimens, 3 ft., **each, 60c; 3 for $1.60.**

ALTHEA (Rose of Sharon) (A)

A free-flowering shrub of easy culture and very desirable on account of blooming in August and September. Flowers resemble a double hollyhock.

Double White or Double Red. 1 to 1½ ft., **each, 25c; 3 for 70c; doz., $2.75.** 2 to 3 ft., **each, 40c; 3 for $1.10; doz., $4.25.**
Double Purple or Double Pink. 2 to 3 ft., **each, 40c; 3 for $1.10; doz., $4.25.**
Variegated. 10 inch, **each, 25c; 3 for 70c; doz., $2.75.**
Coelestis, Blue. 1 to 1½ ft., **each, 25c; 3 for 70c; doz., $2.75.**

AMELANCHIER VULGARIS (European June-Berry)

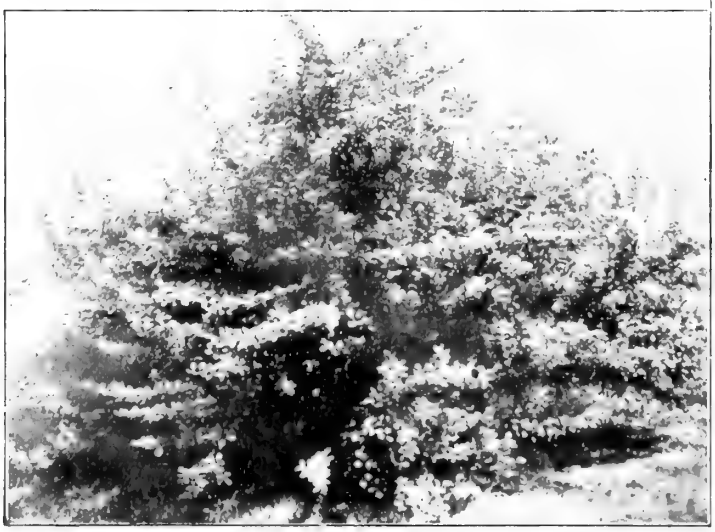
This variety blooms in early Summer. The flowers are white and the leaves color beautifully in the Fall. 3 ft., **35c; 3 for $1.00; doz., $3.50.**

AMORPHA FRUTICOSA (False Indigo) (B)

This large-growing shrub has dense terminal panicles of pretty, odd and attractive bluish flowers in July. 1 ft., **35c; 3 for $1.00; doz., $3.50.**
Canescens. (B.) A small native shrub, bearing light purple flowers, June. 3-year-old bushes, **each, 35c; 3 for $1.00; doz., $3.50.**

ARALIA (Hercules Club)

Spinosa. (A.) A large shrub of semi-tropical appearance. Very prickly stem. Bears immense clusters of white flowers.
3 to 4 ft., **each, 45c; 3 for $1.20; doz., $4.50.**
5 to 6 ft., **each, 50c; 3 for $1.40; doz., $5.50.** Specimens, each, **$1.00.**
Maximowiczi. (A.) A remarkably small tree with upright spiny trunk. Leaves rich deep green, on strong, long stems. 2 ft., **each, 35c; doz., $3.50.** 3 to 4 ft., **each, 60c; 3 for $1.70; doz., $6.50.**
Mandshuricus. (A.) Similar to A. spinosa, but grows taller, with immense panicles of white flowers in July. As it suckers from the root it should be planted where a large clump of it can be allowed to remain.
3 to 4 ft., **each, 60c; 3 for $1.70; doz., $6.50.**
Pentaphylla. (B.) A pretty Japanese shrub of medium size and rapid growth, branches furnished with spines, leaves palmate, five lobed.
3 to 4 ft., **each, 60c; 3 for $1.70; doz., $6.50.**



BERBERIS THUNBERGII (Japanese Barberry)

The decorative use of shrubbery about the house is like a handsome frame for a beautiful picture. There is nothing that will add to the beauty and value of the home so much as well selected or judiciously planted shrubs, and considering their very moderate cost and the fact that they last forever when properly cared for, is the best reason why they should surround every home. Each year increases their worth and attractiveness.

Our list includes only varieties and kinds which have proven to be hardy, beautiful and vigorous. We shall always be pleased to make suggestions as to the best varieties to plant for certain purposes or locations, and we shall endeavor to suggest only such kinds as in our estimation are the most suitable.

Our Shrubs are transplanted every two or three years and are furnished with plenty of fibrous roots and should not be compared to stock that is never moved from the cutting beds until sold. Our nursery is kept clean from weeds by frequent cultivation and the soil that adheres to the roots of our trees and shrubs is free from seeds of noxious weeds.

Specimens. This term is applied to shrubs that are perfect both in height and diameter as well as shape and are recommended where immediate effect is desired.

SHIPPING DIRECTIONS: Shrub orders amounting to $5.00 and over include prepayment either by express or freight, within limits of Chicago. Otherwise Shrubs and Trees must be sent by express or freight, customers paying charges. Always give full and explicit shipping directions, as our responsibility ends on delivery of Shrubs and Trees in good condition to the freight or express office.

ARTEMISIA ABROTANUM (Southernweed or Old Man) (C)

A deciduous shrub well known for its fragrance. Extra strong bushes, 2 ft., **each, 35c; 3 for $1.00; doz., $3.75.**

AZALEA MOLLIS (C)

A beautiful species from Japan, with large flowers of various shades of yellow, orange, carmine, etc. Large bushy plants full of buds. **Each, 75c; 3 for $2.10; doz., $8.00.**

BACCHARIS

Halimifolia. (Groundsel Shrub.) **(B.)** The whitish flowers of this, though not unattractive, are not as ornamental as the down clusters of seed which appear in late Summer. A good sea-shore shrub.
2 to 3 ft., **each, 40c; 3 for $1.10; doz., $4.25.**

BERBERIS THUNBERGII (Japanese Barbery) (B)

One of the most beautiful shrubs in cultivation, either for hedging or general purposes. It is a neat, compact growth and never need be touched with the shears. The foliage is beautiful at all times, and in the Fall turns to a most brilliant crimson color, but its most attractive feature is its fruit. The plant is literally covered with bright scarlet berries all the Fall and Winter. It seldom grows over 4 ft. high. It is fine for the edge of a terrace and along roads and walks; as it is quite thorny, boys and cattle will leave it alone. Plant 15 to 18 in. apart.
2-year size, 1 ft., **each, 20c; 3 for 55c; doz., $2.25; per 100, $12.50.**
3-year size, 1½ to 2 ft., **30c; 3 for $1.00; doz., $3.25; per 100, $20.00.**
4-year size, 2½ ft., **each, 50c; 3 for $1.40; doz., $5.00; per 100, $35.00.**
Specimen plants, **each, 75c and $1.00.**

BERBERIS VULGARIS (European Barberry) (B)

A handsome shrub suitable for hedge, with yellow flowers in May and June followed with orange-scarlet fruit.
1 ft., **each, 15c; 3 for 40c; doz., $1.50; per 100, $10.00.**
2 to 3 ft., **each, 35c; 3 for $1.00; doz., $3.50; per 100, $25.00.**
4 ft., **each, 65c; 3 for $1.80; doz., $7.00; per 100, $50.00.**

BERBERIS PURPUREA (Purple-leaved Barberry (B)

Especially remarkable for its dense upright growth and its large brilliant purple foliage and fruit. When full grown, plants attain a height of 4 to 5 ft., but can be kept at any height below this by shearing. It is very valuable as a border for walks and drives. Splendid for a hedge, also good as single specimens on the lawn. Endures partial shade and is perfectly hardy.
1 to 2 ft., **each, 20c; 3 for 55c; doz., $2.00; per 100, $12.50.**
2 to 3 ft., **each, 35c; 3 for $1.00; doz., $3.75; per 100, $25.00.**
3 to 4 ft., **each, 60c; 3 for $1.60; doz., $6.00.**

BERBERIS ILICIFOLIA (Holly-leaved Barberry) (B)

The thick spiny evergreen leaves of this species give it a very close resemblance to the holly.
2 ft., **each, 75c; 3 for $2.00.**

Buckthorn. See Rhamnus.

CALYCANTHUS (Sweet Shrub) (B)

The Calycanthus is one of the most desirable shrubs. The wood is fragrant, flowers are of a rare chocolate color, having an exquisite pineapple fragrance. They bloom in June and at intervals after .
2 to 3 ft., **each, 40c; 3 for $1.10; doz., $4.25.**
3 to 4 ft., **each, 60c; 3 for $1.60; doz., $6.00.**

Special Collection No. 470—for $3.00.

Ten Best Hardy Shrubs for Northern States.

Syringa (Philadelphus). 3 ft.
Spiraea Van Houttei. 3 ft.
Snowberry (Waxberry). 2 to 3 ft.
Berberis Thunbergii.
Spiraea Billardi. 2 to 3 ft.
Honeysuckle, Bush. 2 to 3 ft.
Hydrangea paniculata grandiflora. 3 ft.
Indian Currant. 2 to 3 ft.
Japanese Snowball. 2 to 3 ft.
Lilac, Purple. 3 ft.

This collection is sent by freight or express at buyer's expense for **only $3.00.** We cannot permit any change in its composition.

CARAGANA ARBORESCENS (A)

(Siberian Pea Tree)

Bush or low tree. Pea-shaped yellow flowers in May. **Each, 30c; 3 for 80c; dozen, $3.00.**

CATALPA BUNGEI (B)

We have extra fine stock in bush form, as round as a ball; fine for a single specimen on the lawn. Bushes 3 ft. high, many branches. **Each, 60c.**

CEANOTHUS AMERICANA (Jersey Tea) (B)

A small shrub, with a profusion of white flowers, in crowded panicles, in June. One of the best shrubs for growing in shady places.
1 ft., **each, 25c; 3 for 65c; dozen, $2.60.**

CEPHALANTHUS OCCIDENTALIS (B)

(Button Bush)

A tall-growing native shrub with globular heads of white flowers in July.
2 to 3 ft., **each, 35c; 3 for $1.00; dozen, $3.50.**
3 to 4 ft., **each, 50c; 3 for $1.25; dozen, $5.00.**
Specimens, 4-5 ft., **each, 75c.**

CERASUS VIRGINIANA (Wild Choke Cherry)

Handsome tree, of large spreading habit, clothed in May with long spikes of white flowers, followed by black berries. Often growing in bush shape, though of tree size. One of the prettiest of ornamental trees, and should be largely used. Grows 5 to 20 ft. 5 to 7 ft., **each, 60c.**

CHIONANTHUS VIRGINICA

(White Fringe Tree)

Large shrub or small tree, with large, heavy leaves almost hidden in Spring by a thick mist of fragrant, drooping white flowers. When planted against evergreens it is one of our very best, choicest lawn ornaments. Attains a height of 9 to 15 ft.
1½ to 2 ft., **each, 35c; 3 for $1.00; doz., $3.50; per 100, $25.00.**
Extra grade, 3 to 4 ft., **75c.**

CLETHRA ALNIFOLIA (A)

(Sweet Pepper Bush)

A grand shrub covered with spikes of clear white fragrant flowers in August.
Strong bushes, 1 ft., **each, 30c; 3 for 80c; doz., $3.00; per 100, $20.00.**
2 to 3 ft., **each, 50c; 3 for $1.25; doz., $5.00.**

COLUTEA ARBORESCENS (C)

A large shrub with small, delicate foliage and yellow pea-shaped blossoms, flowers in June and July, followed by reddish pods.
1 to 2 ft., **each, 30c; 3 for 80c; doz., $3.00.**
2 to 3 ft., **each, 40c; 3 for $1.10; doz., $4.25.**
4 ft., bushy, **each, 60c; 3 for $1.60.**

CORCHORUS (Kerria)

Japonica Aurea Var. (C) A graceful shrub, 3 to 5 ft. high, with double yellow flowers from early Summer till Fall. As pretty as a rose. Flowers very ornamental as a plant for lawn. Foliage edged green and yellow.
2 ft., **each, 40c; 3 for $1.10; doz., $4.25.**

Japonica Argentea Var. (B) A pretty dwarf variety with small, green foliage, edged white; slender grower. A valuable dwarf shrub. 2 ft., price same as above.
Specimens, **each, $1.00.**

CORNUS (Dogwood)

Alternifolia. Blue Dogwood. **(B)** A pretty, large shrub; forms almost a flat head. The bunches of white flowers borne in May are followed by deep blue berries.
1 to 1½ ft., **each, 30c; 3 for 80c; doz., $3.00.**

Mas. Cornelian Cherry. **(B)** One of the earliest of Spring blooming shrubs, bearing a profusion of small, yellow flowers along its naked branches in early days of April. Bright red berries, size small cherries, very ornamental.
1½ to 2 ft., **35c; 3 for $1.00; doz., $3.50.**

Sanguinea. (B) Red-branched Dogwood. Very conspicuous and ornamental. Bark in Winter blood-red.
1 to 2 ft., bushy, **30c; 3 for 80c; doz., $3.00.**
2½ to 3 ft., bushy, **each, 40c; 3 for $1.10; doz., $4.25; per 100, $30.00.**
Specimens, 5 to 6 ft., **$1.00; 3 for $2.70.**

Siberica. (B) Red Siberian Dogwood. A rare and remarkable variety with bright red bark in Winter.
Strong bushes, 2 to 3 ft., **each, 35c; 3 for $1.00; doz., $3.50; per 100, $25.00.**
Specimens, **each, 75c and $1.00.**

CRAB Bechtel's Double Flowering (A)

Most beautiful of all the flowering Crabs for this locality; hardy. Trees of medium size are covered in early Spring with large, beautiful double fragrant flowers of a delicate pink.
Fine trees, 4 to 5 ft., **$1.25; 3 for $3.25.**

DESMODIUM PENDULIFLORUM (C)

A shrub-like plant which dies to the ground in Winter but comes up vigorously each Spring. Bears attractive sprays of bright rose-colored flowers.
3-year-old, **each, 40c; 3 for $1.10; doz., $4.25.**

DEUTZIA, PRIDE OF ROCHESTER.

BECHTEL'S DOUBLE FLOWERING CRAB.

CURRANT

Crimson and yellow flowering, see Ribes.

CYDONIA JAPONICA (B) (Japan Quince)

A single shrub on the lawn is very attractive; brilliant crimson flowers, among the first in Spring. Valuable for ornamental hedges.
Fine bushes, 1½ to 2 ft., **each, 35c; 3 for $1.00; doz., $3.50; per 100, $25.00.**
Bushes, 3 ft., **each, 40c; 3 for $1.10; doz., $4.25.**
Specimens, **each, 75c.**

Ganjardi. (B) Orange-colored flowers. Large showy fruit. Forms a large shrub. Fine.
2 ft., **each, 40c; 3 for $1.10; doz., $4.25.**

Umbilicata. (B) Flowers brilliant rosy red. Succeeded by large showy fruit. Forms a large shrub. One of the finest.
1½ to 2 ft., **each, 35c; 3 for $1.00; doz., $3.50; per 100, $18.00.**

EXOCHORDA GRANDIFLORA (A)

(Pearl Bush)

A vigorous-growing shrub, forming a neat compact bush. Can be trimmed into any desired shape. Pure white flowers borne on slender racemes, on light and wiry branches that bend beneath their load of bloom. Hardy.
2 to 3 ft., **each, 40c; 3 for $1.10; doz., $4.25; per 100, $30.00.**

DEUTZIA

We are indebted to Japan for this valuable genus of plants. Their hardihood, fine habit, luxuriant foliage and profusion of attractive flowers render them among the most beautiful and most popular of flowering shrubs at the present time. Flowers in June and through July and August.

Candida. (B.) Pure white flowers.
3 to 4 ft., **each, 40c; 3 for $1.10; doz., $4.25.**

Crenata fl. pl. (B) Double white flowers.
2 to 3 ft., **each, 35c; 3 for $1.00; doz., $3.50; per 100, $25.00.**
4 ft., **each, 60c; 3 for $1.60; doz., $6.00.**
Specimens, **each, $1.00.**

Crenata rosea fl. pl. (B) Strong symmetrical shrub, bearing double pink flowers in June.
3 to 4 ft., **each, 50c; 3 for $1.35; doz., $5.00.**

Fortunei. (B) Large, pure white, single flowers.
2 to 3 ft., **each, 50c; 3 for $1.35; doz., $5.00.**
Specimens, **each, $1.00.**

Gracilis. Slender-branched Deutzia. **(C)** A charming species of dwarf habit, introduced from Japan. Flowers pure white. Fine for pot culture. Flowers freely in a low temperature in the Winter. The first on bloom, middle of June.
1 ft., **25c; 3 for 70c; doz., $2.60; per 100, $18.00.**

Gracilis Campanulata. (C) New. The large, broad-belled, milk-white flowers, produced in large spikes, just cover the branches; very desirable.
1 ft., **each, 35c; 3 for $1.00; doz., $3.50.**

Lemoinei. (B.) A hybrid of the well known Deutzia gracilis with Deutzia parviflora. Flowers pure white, borne on stout branches, upright growth.
1 to 2 ft., **each, 40c; 3 for $1.10; doz., $4.25.**
Specimens, 2 ft., bushy, **each, 60c.**

Lemoinei Compacta. (C) New. The dwarf, compact bushes are covered completely with white flowers during May and June.
1 to 2 ft., **each, 40c; 3 for $1.10; doz., $4.25.**
Specimens, very bushy, **each, 75c.**

Pride of Rochester. (B) A variety of Deutzia Crenata flore pleno, and producing large double white flowers; back of the petals slightly tinted with rose. It excels all the older sorts in size of flower, length of panicle, profuseness of bloom and vigorous habit; blooms nearly a week earlier than D. Crenata flore pleno.
1 ft., **25c; 3 for 70c; doz., $2.60; per 100, $18.**
3 to 4 ft., **each, 50c; 3 for $1.35; doz., $5.00.**
Specimens, **each, $1.00.**

Waterl. (B) A new form with double white, bell-shaped blossoms.
2 ft., **each, 30c; 3 for 80c; doz., $3.00.**

Welsii. (C) Another variety with double white flowers. Price same as Waterl.

DIERVILLA (See Weigelia, also)

Sessilifolia. A native shrub, 3 to 4 ft. high, of somewhat spreading growth, bearing terminal, loose heads of yellow flowers in July, continuing for some weeks.
1½ ft., **each, 30c; 3 for 80c; doz., $3.00.**
2 ft., **each, 50c; 3 for $1.35; doz., $5.00.**

Dogwood (See Cornus)

ELEAGNUS (Silver Thorn)

Longipes. (Edulis.) **(B)** Small, yellowish white flowers in May, followed by berries somewhat larger than currants; good for eating or cooking.
1 ft., **each, 25c; 3 for 70c; doz., $2.60.**
2 ft., **each, 40c; 3 for $1.10; doz., $4.25.**
Specimens, 3 ft., **each, 75c.**

Angustifolia. (B) Sweet-scented flowers in May or June; narrow leaves; hardy.
3 ft., **each, 50c; 3 for $1.35; doz., $5.00; per 100, $35.00.**
4 ft., **each, 60c; 3 for $1.60; doz., $6.00; per 100, $40.00.**

ELDERS (Sambucus)

Much in demand for the beautiful leaves. The flowers and fruits are also showy and attractive. Grows well anywhere and needs pruning to keep it in shape.

Golden-leaved. (A) Has bright leaves of a clear, constant golden-yellow.
2 to 3 ft., **each, 40c; 3 for $1.10; doz., $4.25.**
Specimens, 5 to 6 ft., **each, 75c and $1.00.**

Cut-leaved. (A) Has finely dissected leaves.
4 ft., **each, 40c; 3 for $1.10; doz., $4.25.**
Specimens, 5 to 6 ft., **each, 75c and $1.00.**

Variegata aurea. (A) Leaves variegated yellow and green.
3 to 4 ft., **each, 40c; 3 for $1.10; doz., $4.25.**
Specimens, 5 ft., **each, 75c.**

EUONYMUS (Burning Bush)

Alatus. (B) Dwarf, compact habit. Wood corky; leaves small; fruit red; very beautiful in Autumn, when the foliage turns bright red.
1½ to 2 ft., **each, $1.00; 3 for $2.50.**
3 ft., bushy, **each, $1.50; 3 for $4.00.**
4 ft., bushy, **each, $3.00.**

Europaeus. (European Burning Bush.) **(B)** Forms a tree sometimes 30 ft. in height. Rose colored fruit.
2 to 3 ft., **each, 30c; 3 for 80c; doz., $3.00.**
4 to 5 ft., **each, 50c; 3 for $1.35; doz., $5.00.**

Linearis. (C) [illegible] foliage narrow [illegible] fruit red; fine [illegible]
1 ft., **each, 25c; 3 for $1.00; doz., $3.50.**

FONTANESIA FILARIAEFOLIA (B)

A large shrub with somewhat slender shoots and small leaves. Bearing small clusters of small white flowers with yellowish anthers, towards the close of May.
2 to 3 ft., **each, 35c; 3 for $1.00; doz., $3.50.**
Specimens, 5 to 6 ft., **each, $1.00.**

FORSYTHIA (Golden Bell)

These are pretty shrubs of medium size. All natives of China and Japan. The flowers are drooping, golden yellow, and appear very early in Spring before the leaves. The best very early flowering shrubs. Admired by thousands in Chicago parks.

Viridissima. (B) A very pretty shrub of medium height; perfectly hardy in this country. The plant is covered with drooping yellow flowers, blooming very early in the spring with the lilacs.
2 to 3 ft., **each, 35c; 3 for $1.00; doz., $3.50; per 100, $25.00.**
3 to 4 ft., **each, 45c; 3 for $1.20; doz., $4.50.**
Specimens, 5 to 6 ft., **each, $1.00.**

Intermedia (B) A wide-growing form, with fine broad foliage and a dense habit.
2 to 2½ ft., **each, 35c; 3 for $1.00; doz., $3.50; per 100, $25.00.**

Suspensa (B) (The Weeping Forsythia). Fine drooping habit and covered with bright yellow flowers in early spring.
Strong bushes, 3 ft., **each, 35c; 3 for $1.00; doz., $3.50**
Specimens, **each, 75c.**

Fortunei. (Fortune's Forsythia.) **(B)** Growth upright, foliage deep green, flowers rich yellow.
3 ft., **each, 30c; 3 for $80c; doz., $3.00; per 100, $20.00.**
4 ft., **each, 40c; 3 for $1.10; doz., $4.00; per 100, $27.50.**
Specimens, 6 ft., **each, $1.00.**

Sieboldi. (B) Of drooping habit, flowers bell-shaped, light yellow; very pretty. 3 ft., **each, 40c; 3 for $1.10; doz., $4.00.**

HALESIA TETRAPTERA (A) (Snowdrop Tree, or Silver Bell)

A beautiful shrub, with pretty white, bell-shaped flowers. May and June. Very beautiful.
Strong bushes, 2 ft., **each, 35c; 3 for $1.00; doz., $3.50.**

HAMAMELIS VIRGINICA (Witch Hazel) (B)

A tall-growing shrub, yellow bell-shaped flowers. May and June.
Strong plant, 3 to 4 ft. high, **each, 50c; 3 for $1.35; doz., $5.00.**

HIGHBUSH CRANBERRY. (See Viburnum Opulus)

HIPPOPHAE RHAMNOIDES (B) (Sea Buckthorn)

A rigid growing shrub, with leaves of silver color on the underside.
1½ to 2 ft., **each, 30c; 3 for 80c; doz., $3.00; per 100, $20.00.**

BUSH HONEYSUCKLE (Lonicera Tartarica)

A shrub of spreading habit, bearing bluish-colored berries. All the upright or bush Honeysuckles are vigorous shrubs and suited to almost any soil or exposure. Valuable for shrubberies and for their profusion of flowers and bright-colored fruit.

Tartarica Alba, White Tartarian. **(B.)**
2 to 3 ft., **each, 35c; 3 for $1.00; doz., $3.50; per 100, $25.00.**
Specimens, 4 to 5 ft., **each, 75c and $1.00.**

Tartarica Rosea, Pink Tartarian. **(B.)**
2 to 3 ft., **each, 30c; 3 for 80c; doz., $3.00; per 100, $20.00.**
Specimens, 4 to 6 ft., **each, 75c and $1.00.**

Morrowii (Japanese Bush Honeysuckle). **(B.)** A strong, vigorous grower with pure white flowers produced in May and June, followed by brilliant-colored fruit.
4 ft., **each, 50c; 3 for $1.35; doz., $5.00.**
Specimens, 4 to 5 ft., **each, 75c and $1.00.**

Ledebouri. (B) A distinct species with red flowers in May; pretty.
2 to 3 ft., **each, 35c; 3 for $1.00; doz., $3.50.**

HYDRANGEA PANICULATA GRANDIFLORA

HYDRANGEA PANICULATA GRANDIFLORA (A)

Tens of thousands of this noble Summer and Autumn-flowering shrub have been sold the past few years, and the demand is now universal. They grow to a height of 8 to 10 feet and are absolutely hardy, grow in any soil and bloom the same year they are set out. They flower abundantly, bearing immense panicles of bloom a foot long, white at first, turning to rose in autumn, commencing to bloom in August, when very few shrubs are in bloom. To make a fine specimen, the soil should be prepared as for any other shrub. An annual shortening of branches tends to increase the size of the flowers. When first planted, the branches should be cut back 6 or 8 inches off the main stalk.
2-year-old bushes, **each, 20c; 3 for 55c; doz., $2.00; per 100, $15.00.**
3-year-old bushes, **each, 30c; 3 for 80c; doz., $3.00; per 100, $20.00.**
4-year-old bushes, **each, 40c; 3 for $1.10; doz., $4.00; per 100, $25.00.**
5-year-old bushes, **each, 50c; 3 for $1.35; doz., $5.00; per 100, $30.00.**
Specimens, extra strong, **each, 75c and $1.00.**

HYDRANGEA PANICULATA (Tree Form) (A)

These plants have a clear stem about 3 feet long, with a bushy top, making a grand show when in flower.
Each, 75c; 3 for $2.10; 12 for $8.00.
Extra selected stock, **each, $1.00; 3 for $2.75; doz., $10.00.**

New Hardy Hydrangea "Snowball" (C)

(Arborescens Grandiflora)

This new American Hydrangea was found growing wild some years ago in the woods of Ohio and bids fair to become the most beautiful hardy flowering shrub introduced during the last twenty years. Its greatest value, aside from its wonderful beauty, is that it comes into bloom just after the flowering time of the lilacs, syringas, viburnum and spring-flowering spireas and further it continues on into August. The panicle is more like a Snowball in form and size than Paniculata grandiflora (hence the name), and is a pure white. It seems to thrive well in various soils, but requires shade. We offer strong dormant splants.
1-year-old plants, **each, 35c; 3 for $1.00; doz., $3.50.**
2-year-old plants, **each, 50c; 3 for $1.35; doz., $5.00.**
3-year-old plants, **each, 75c; 3 for $2.10; doz., $8.00.**

ILEX VERTICILLATUS (Winter Berry) (B)

Foliage almost exactly like the English Holly; flowers in May and June, and in fall is covered with scarlet berries.
Strong bushes, 2 ft. high, **each, 50c; 3 for $1.35; doz., $5.00.**

LIGUSTRUM, See Privet.

LILAC, CHARLES X.
One of the best of the Purple Lilacs.

LILACS (True Syringa) (B)

Japonica. A species from Japan, becoming a good-sized tree. Foliage dark green, glossy, leathery; flowers creamy white, odorless, in great panicles. A month later than other Lilacs.
2 to 3 ft., **each, 50c; 3 for $1.35; doz., $5.00; per 100, $35.00.**
3 to 4 ft., **each, 75c; 3 for $2.00; doz., $7.50.**
Specimens (bush form), **each, $1.25, 3 for $3.50.**

Alba Grandiflora. Flowers pure white and very fragrant. Strong bushes.
2½ to 3 ft., **each, 50c; 3 for $1.35; doz., $5.00; per 100, $35.00.**
4 ft., **each, 65c; 3 for $1.75; doz., $6.50.**
5 ft., **each, 75c; 3 for $2.00; doz., $7.50; per 100, $60.00.**
6 ft., **each, $1.00; 3 for $2.75; doz., $10.00.**

Bertha Dammann. Magnificent pure white flowers, borne on large spikes.
3 to 4 ft., **each, 75c; 3 for $2.00; doz., $7.50.**

Charles X. A strong, rapid-growing variety, with large, shining leaves; trusses large, of a reddish purple color. Strong bushes.
2 ft., **each, 50c; 3 for $1.35; doz., $5.00.**
3 to 4 ft., **each 75c; 3 for $2.00; doz., $7.50.**
Specimens, 4 to 5 ft., **each, $1.00.**

Le Gaulois. Handsome, double, deep crimson flowers produced in very large panicles. A splendid sort.
3 to 4 ft., **each, 75c; 3 for $2.00; doz., $7.50.**

Mad. Lemoine. Double pure white flowers, borne in large clusters. Strong bushes.
2 to 3 ft., **each, 65c; 3 for $1.75; doz., $6.50; per 100, $50.00.**

Marie Legraye. Large panicles of white flowers. Valuable for forcing. The finest white Lilac.
2 to 3 ft., **each, 65c; 3 for $1.75; doz., $6.50.**
Specimens, 4 to 5 ft., **each, $1.25.**

Michael Buchner. Dwarf plant, vigorous. Double flowers of pale lilac color.
2 to 3 ft., **each, 60c; 3 for $1.70; doz., $6.00; per 100, $45.00.** Specimens, 4 ft., **each, $1.00.**

Persian, White. A native of Persia. Grows from 6 to 8 feet high, with small foliage and delicate white fragrant flowers, shaded with purple. Specimens, **each, $1.00.**

Persian, Purple. Same habit as the white except in color of the flowers, which are a bright purple. Strong plants.
2 to 3 ft., **each, 50c; 3 for $1.35; doz., $5.00; per 100, $35.00.**
4 ft., **each, 75c; 3 for $2.00; doz., $7.50.**
Specimens, **each, $1.25; 3 for $3.25; doz., $12.00.**

Rubra de Marley. The old-fashioned purple Lilac. Strong bushes.
2 to 3 ft., **each, 50c; 3 for $1.35; doz., $5.00; per 100, $35.00.**
4 ft., **each, 75c; 3 for $2.00; doz., $7.50.**
Specimens, **each, $1.00; 3 for $2.75; doz., $10.00.**

Souv. de L. Späth. The individual flowers as well as the clusters are of extraordinary size and in color a magnificent rich, dark purple.
2 to 3 ft., **each, 65c; 3 for $1.75; doz., $6.50.**

Vulgaris. Common Lilac. Bluish purple flowers. A standard variety. Always good.
2 to 3 ft., **each, 30c; 3 for 80c; doz., $3.00; per 100, $20.00.**
4 ft., **each, 65c; 3 for $1.75; doz., $6.50.**
Specimens, 5 ft., **each, $1.00; 3 for $2.75; doz., $10.00.**

COLLECTION No. 121 for $2.00

For $2.00 we will send 8 Hardy Ornamental Shrubs, our selection of sorts, 2 to 3 ft. high, by express at your expense. These will be first-class bushes.

Ligustrum (PRIVET)

Regelianum. (B.) This beautiful, graceful Privet is absolutely hardy and most desirable in every way. It is a dense shrub with stiff, twiggy, horizontal, spreading branches, drooping at the ends. An excellent shrub for specimens, massed planting or hedges. It will become one of the most popular varieties as soon as it is better known. It forms a graceful, symmetrical bush, sufficiently dense for hedge purposes without trimming. Effective when massed against buildings or on slopes or banks.

1 to 2 ft., **each, 25c; 3 for 65c; doz., $2.50; per 100, $15.00.**

3 ft., **each, 50c; 3 for $1.35; doz., $5.00.**

Specimens, 4 ft., bushy, **each, 75c and $1.00.**

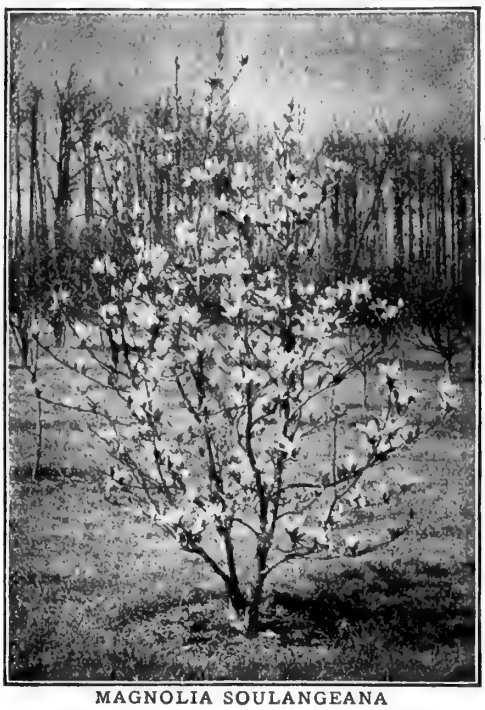
Amurense (Amoor Privet). **(B.)** A more slender grower than the common Privet; the foliage is finer and of a lighter green than that of the California. A fine hedge plant.

2 to 3 ft., **each, 30c; 3 for 80c; doz., $3.00; per 100, $20.00.**

California. (B.) This Privet has gained an immense popularity for hedging, but we found it unable to always stand the Illinois winters and can recommend it only for the Eastern and Southern states.

1½ to 2 ft., bushy, **each, 20c; 3 for 55c; doz., $2.00; per 100, $15.00; 250 for $50.00.**

Ibota. (B.) A valuable hardy Privet for the Western and Northern states. It is almost evergreen and grows freely in all soils. Compact and regular in form, and bears shearing to any extent. Flowers white and fragrant; leaves long and shiny. A charming shrub for hedges or specimens on the lawn.



MAGNOLIA SOULANGEANA

1½ to 2 ft., **each, 15c; 3 for 40c; doz., $1.50; per 100, $10.00.**
2 to 3 ft., **each, 20c; 3 for 55c; doz., $2.00; per 100, $12.50.**
2 to 3 ft., selected, **each, 25c; 3 for 60c; doz., $2.50; per 100, $15.00.**
3 to 4 ft., **each, 40c; 3 for $1.10; doz., $4.00.**

DWARF CHINESE PRIVET

Sinense nanum. (B.) Dwarf Chinese Privet. A compact, low-growing Privet, resembling the English Box. Can be kept as low as 12 to 18 ins. with shearing, thus forming a compact, low hedge. Dark green slender foliage. Perfectly hardy in Southern Illinois.
2 to 3 ft., **each, 30c; 3 for 80c; doz., $3.00; per 100, $20.00.**
4 ft., **each, 50c; 3 for $1.75; doz., $5.00; per 100, $30.00.**

Vulgare. (B.) European Privet. Very useful for hedges; can be clipped any shape. Grown as single specimens it produces panicles of white flowers in June. The foliage is of a lighter green than the other sorts. Its black berries remain on the bush all winter, and are quite ornamental.
3 to 4 ft., **each, 30c; 3 for 80c; doz., $3.00.**

HARDY MAGNOLIAS

We offer the two varieties best adapted to our climate, and that have proven hardy in Chicago.

Halleana (Japan Magnolia). Dwarf and shrubby. Its pure white semi-double flowers are quite fragrant and produced in April; earlier than those of other varieties. Still new and scarce. Bushes, 3 ft. high, **$3.00.**

Soulangeana. Flowers white and purple, 3 to 5 ins. across, borne in May, before its leaves, which are massive and glossy. Among the hardiest and finest of foreign Magnolias. Bush, 4 ft. high, **each, $3.00.**

MULBERRY

Tatarica. Russian. (20 to 25 ft. Hardier in the Northwest than all others. 3-4 ft., **30c; 3 for 80c; doz., $3.** 4-6 ft., **75c; 3 for $2; doz., $7.50.**

PRUNUS

Pissardi (Purple-leaved Plum). **(A.)** The finest purple-leaved small tree or shrub. The young branches are a dark purple; the leaves, when young, are lustrous crimson, changing to a dark purple, and retain this beautiful tint till they drop, later in autumn. The tree is covered early in the spring with small, single white flowers, which appear before the leaves. Beautiful as lawn specimens, or grouped with other shrubs and trees for foliage effect.
2 to 3 ft., **each, 40c; 3 for $1.10; doz., $4.00.**
3 to 5 ft., **each, 60c; 3 for $1.65; doz., $6.00.**

Triloba (Double-flowered Plum). **(B.)** Native of China. A very desirable addition to hardy shrubs; flowers double, of a delicate pink, upwards of an inch in diameter, thickly set on the long, slender branches; flowers in May.
Strong bushes, 3 ft., **50c; 3 for $1.35; doz., $5.**

PTELEA (Golden-leaved Hop Tree)

Trifoliata aurea. (A.) A round, low-growing tree with large trifoliate leaves, and with a glossy surface that brings out the rich, solid yellow of the leaves, as if varnished. Useful in a lawn border or group.
2 to 3 ft., **each, 50c; 3 for $1.35; doz., $5.00.**
3 to 4 ft., **each, 75c; 3 for $2.00; doz., $7.50.**
4 to 5 ft., **each, 90c; 3 for $2.50.**

Trifoliata. (A.) Same as the above except the foliage is green.
3 to 4 ft., **each, 30c; 3 for 80c; doz., $3.00.**
Specimens, 5 to 6 ft., **each, 75c; 3 for $2.00.**

RHAMNUS (Buckthorn)

Catharticus. (A.) A fine, robust shrub, with dark, green foliage, white flowers and small black fruit. A popular hedge plant. 2 to 3 ft., **each, 25c; 3 for 65c; doz., $3.50; per 100, $15.00.**
3 to 4 ft., **each, 35c; 3 for $1.00; doz., $3.50; per 100, $25.00.**

Frangula. (B.) (Alder Buckthorn.) A valuable and decorative species of erect habit, with glossy leaves and black berries. Its long black branches speckled with white are very attractive in Winter.
2 to 3 ft., **each, 35c; 3 for $1.00; doz., $3.50.**

Imeritina. (B.) A variety remarkable for its foliage. The leaves are dark, and sometimes reach a length of nine inches, assuming a rich bronze tint when full grown. 1½ to 2 ft., **each, 50c; 3 for $1.35; doz., $5.**

Purshiana. (B.) A rare shrub, valuable for its long dark leaves and red berries which turn to black in the Fall.
2 to 3 ft., **each, 50c; 3 for $1.35; doz., $5.00.**

Vaughan's City Garden Collection No. 122.

25 shrubs and vines for $5.00, retail value $7.00.

The following is a selection of the best hardy shrubs and climbers, suitable for Chicago and latitudes farther north. The plants are all selected, well-formed specimens, **well-branched** and **well-rooted** and will **make a show the first year. This collection is sent by freight at buyer's expense.** We cannot permit any changes in the composition.

1 Barberry, Thunbergii, large.
1 Barberry, Purple-leaved.
1 Cydonia (Japan Quince).
3 Deutzias. Three kinds; 3-year-old.
1 Forsythia (Golden Bells).
1 Fringe (Smoke Bush).
1 High Bush Cranberry.
1 Honeysuckle, Upright.
1 Hydrangea paniculata grandiflora.
1 Indian Currant.
2 Lilac, Purple and **White,** 2-3 ft.
1 Snowberry, 3 ft.
1 Snowball, Old-fashioned, 2-3 ft.
3 Spiraeas. Three kinds; 2-3 ft.
1 Syringa (Philadelphus). 2-3 ft.
1 Yellow-flowering Currant.
1 Crimson Rambler Rose.
1 Ampelopsis Engelmanni (Engelmann's Woodbine).
1 Clematis paniculata.

The collections are sent by express or freight at buyer's expense.

Philadelphus, or Syringa (MOCK ORANGE)

Indispensable well-known shrubs that are prized for their beautiful foliage and white flowers. The taller kinds flower profusely and nothing is finer in their season; while the dwarf varieties do not bloom so lavishly, they form pretty, compact bushes, useful for the front of shrubberies.

LIGUSTRUM REGELIANUM

Avalanche. (B.) New. The flowers are large, white, very sweet and produced in such profusion that their weight bends the long slender branches almost to the ground, producing a most wonderful effect as if the branches were loaded with new-fallen snow.
2 ft., **each, 50c; 3 for $1.35; doz., $5.00.**
2½ to 3 ft., bushy, **each, 75c; 3 for $2.00; doz., $7.50.**

Coronarius. (A.) A grand old favorite shrub. Should be in every yard. Covered with sweet-scented white flowers in June, resembling those of the apple tree.
1½ to 2 ft., **each, 30c; 3 for 80c; doz., $3.00; per 100, $20.00.**
3 to 4 ft., **each, 50c; 3 for $1.35; doz., $5.00.**

Dianthiflorus fl. pl. (B.) A dwarf-growing variety, with double cream-colored, fragrant flowers.
1½ to 2½ ft., **each, 30c; 3 for 80c; doz., $3.00.**
Specimens, 3 ft., **each, 75c; 3 for $2.00.**

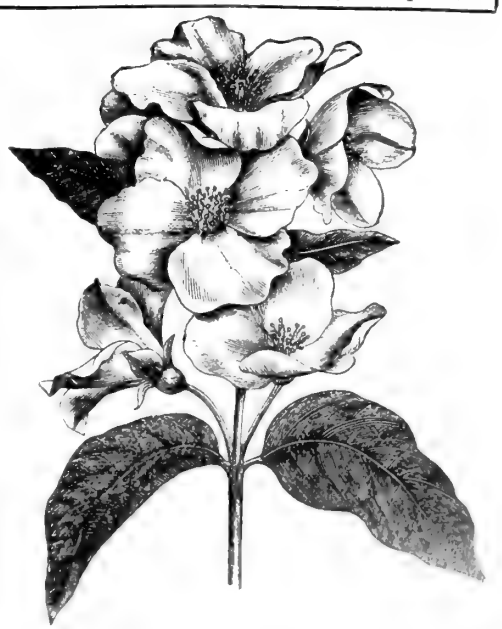
Grandiflorus. (A.) Large-flowered Syringa, fragrant with flowers.
2 to 3 ft., **each, 35c; 3 for $1.00; doz., $3.50.**
3 to 4 ft., **each, 50c; 3 for $1.35; doz., $5.00.**
Specimens, 5 to 6 ft., **each, 75c; 3 for $2.00.**

Lemoinei. (B.) A charming variety of erect growth; yellowish white fragrant flowers.
2 ft., **each, 35c; 3 for $1.00; doz., $3.50.**

Nivalis. (A.) The stamens are cream-colored, thus rendering the whole flower snowy white. Flowers inodorous. 3 to 4 ft., **each, 50c; 3 for $1.35; doz., $5.00.**

Speciosus. (A.) Large, pure white flowers. Very fine shrub.
2 to 3 ft., **each, 35c; 3 for $1.00; doz., $3.50.**

Zeheri. (A.) A large-flowered, odorless variety; blooms very late.
1½ to 2 ft., **each, 35c; 3 for $1.00; doz., $3.50.**



PHILADELPHUS (SYRINGA) MOCK ORANGE

RHODOTYPUS (White Kerria)

Kerriodes. (C.) A very ornamental Japanese shrub of medium size, with handsome foliage and large single white flowers in the latter part of May, succeeded by numerous small fruits.
1½ to 2 ft., **each, 30c; 3 for 80c; doz., $3.00.**
3 to 4 ft., **each, 45c; 3 for $1.30; doz., $5.00.**
Specimens, 4 ft., **each, 60c.**

RHUS COTINUS.

(Purple Fringe, or Smoke Tree.)

A common old shrub that is known under the name of "Purple Fringe," or "Smoke Tree," but rarely seen in perfection because of bad pruning. In good soil and allowed to develop naturally, it is exceedingly ornamental.
2 to 3 ft., **each, 35c; 3 for $1.00; doz., $3.50; per 100, $25.00.**
4 to 5 ft., **each, 60c; 3 for $1.60; doz., $6.50.**
Specimens, 6 ft., **each, $1.00.**
Rhus glabra. (Smooth Sumach.) Very effective in Autumn with its crimson seeds and foliage. 3 to 4 ft., **each, 30c; 3 for 80c; doz., $3.00.**
6 to 7 ft., **each, 75c; 3 for $2.00; doz., $8.00.**
R. glabra laciniata. (Cut-leaved Sumach.) A very striking plant, of moderate size, with deeply cut leaves resembling fern leaves; dark green above and glaucous below, and turning to a rich red in Autumn.
1½ to 2 ft., **each, 40c; 3 for $1.15; doz., $4.25.**

FERN-LEAVED STAGHORN SUMACH (Rhus typhina laciniata)

As its name indicates, the branches resemble the elks horn while developing, and it is one of the most tropical-looking native shrubs we possess. The foliage is finely cut and as beautiful as a tree fern. A rare novelty originating in the White Mountains. Attains height of 20 ft., but is generally used as a shrub. It turns a golden yellow in the Fall.
2 to 2½ ft., **each, 40c; 3 for $1.15; doz., $4.25.**
3 to 4 ft., **each, 60c; 3 for $1.60; doz., $6.50.**

RIBES, or FLOWERING CURRANT

Alpinum. (B.) An attractive shrub with fragrant golden-yellow flowers and deep scarlet fruit. 2 to 2½ ft., **each, 30c; 3 for 80c; doz., $2.75.**
Aureum. (B.) (Yellow-flowering, or Missouri Currant.) A native species, with glabrous shining leaves and yellow flowers. June and July.
2 to 3 ft., **each, 30c; 3 for 80c; doz., $3.00; per 100, $20.00.**
4 to 5 ft., **each, 50c; 3 for $1.35; doz., $5.00; per 100, $30.00.**
Specimens, 5 to 6 ft., **each, 75c; 3 for $2.00; doz., $7.50.**
Gordonianum. (B.) (Gordon's Currant.) A hybrid between Aureum and Sanguineum. Hardy and profuse blooming shrub. Flowers crimson and yellow in pendant bunches in May. 2 to 3 ft., **40c; 3 for $1; doz., $4.**
Sanguineum. (B.) (Crimson-flowering Currant.) Useful border shrub. Strong bushes. 1½ to 2 ft., **each, 30c; 3 for 80c; doz., $3.00.**

ROBINIA HISPIDA (Rose Acacia) (A)

A very handsome shrub. The branches closely resemble those of a Moss Rose. The leaves are similar to those of the Locust. In June and July long panicles of rose-colored flowers hang from the branches.
2 to 3 ft., **each, 40c; 3 for $1.10; doz., $4.00.**

ROSA RUBRIFOLIA (Purple-leafed Rose)

Valued for its beautiful reddish green foliage, as well as for its pink flowers in early June. It is one of the most attractive shrubs, especially when set among a mass of other shrubs or planted by itself in groups.
2 to 3 ft., **each, 40c; 3 for $1.10; doz., $4.00.**

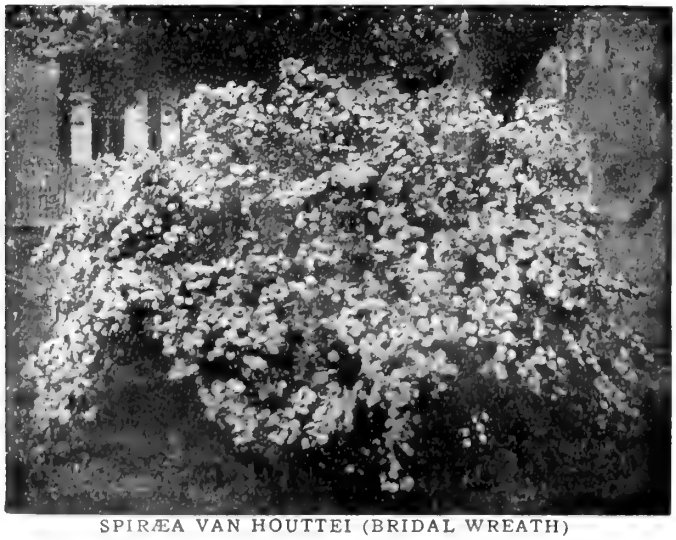
Roses, Rugosa in variety. See page 106. **Sambucus.** See Elder.

ENGLISH SWEET BRIAR ROSES

Highly prized on account of the delightful fragrance of their leaves and young branches. Strong 2-year-old bushes, **each, 40c; 4 for $1.00; 100 for $20.00, by express.**

SNOWBALLS

Japan Snowball (B.) (Viburnum plicatum). This Japanese variety of the old-fashioned Snowball is one of the most valuable of our hardy shrubs. It forms an erect, compact bush, 6 to 8 ft. high. It blossoms in early June, when the plant is completely covered from the ground to the top of the branches with large balls of flowers as white as snow.
2 to 3 ft., **each, 50c; 3 for $1.35; doz., $5.00; per 100, $30.00.**
3 to 4 ft., **each, 60c; 3 for $1.60; doz., $6.00; per 100, $40.00.**
4 ft., strong, **each, 75c; 3 for $2.00; doz., $7.75; per 100, $50.00.**
Old-fashioned Snowball (A.) (V. sterilis).
2 to 3 ft., **each, 35c; 3 for $1.00; doz., $3.50; per 100, $25.00.**
3 to 4 ft., **each, 50c; 3 for $1.30; doz., $5.00; per 100, $35.00.**
Specimens, **each, 75c; 3 for $2.00.**
Tree form, with 3 ft. stem, **each, $1.00; 3 for $2.75.**



SPIRÆA VAN HOUTTEI (BRIDAL WREATH)

JAPANESE SNOWBALL

SALIX (Willow)

The Willows will grow anywhere, but do best in rich moist soil. They are particularly valuable as among the few trees that will endure the harsh winds of the seacoast. None are better than the Laurel-leaved.
Babylonica (Weeping Willow). The stock we offer is grown to bush form, to be used not as a tree, but as a shrub. Strong, bushy plants.
6 to 8 ft., **each, 75c; 3 for $2.00.**
Japonica. This has broad, shining green leaves, quote ornamental.
2 to 3 ft., **each, 40c; 3 for $1.10; doz., $4.00.**
Pentandra (Laurel-leaved Willow). A rapid grower, erect form, with broad, glossy, dark green leaves; admirable for sea-shore and narrow streets.
3 to 4 ft., **each, 40c; 3 for $1.10; doz., $4.00.**
Regalis. Royal Willow. An elegant tree, with rich, silvery foliage.
1 ft., **each, 25c;3 for 65c; doz., $2.50.**
Rosmarinifolia. Rosemary Willow. This has quite small light green foliage and slender twigs. A desirable ornamental lawn tree.
2 to 3 ft., **each, 50c; 3 for $1:35; doz., $5.00.**
Uralensis. Another beautiful Willow with fine foliage. Strong bushes.
2 ft., **each, 35c; 3 for $1.00; doz., $3.50.**
Viminalis (Osier Willow, Basket Willow). A large bush with slender, straight branches, often used for tying material.
2 ft., **each, 35c; 3 for $1.00; doz., $3.50.**
Wisconsin Weeping. Of drooping habit and hardier than Babylonica. Valuable on account of its resistance to severe cold.
5 to 6 ft., strong, **each, 75c; 3 for $2.00.**

SPIRAEA. (Meadow Sweet)

The Spiraeas are all elegant, low shrubs, of the easiest culture, and their blooming extends over a period of three months.
Anthony Waterer (B.) (Perpetual-blooming Red Spirae). A fine, hardy, perpetual-blooming shrub, very desirable for the lawn. Makes nice, round bushes 3 ft. high and wide; beginning to bloom almost as soon as planted; rose red flowers in large, round clusters all over the bush.
1½ to 2 ft., **each, 30c; 3 for 80c; doz., $3.00; per 100, $20.00.**
Specimens, **each, 75c; 3 for $2.00.**
Arguta multiflora. (B.) Of dwarf, drooping habit; flowers pure white, commencing to bloom in June; fine foliage. 2 to 2½ ft., **each, 40c; 3 for $1.00; doz., $3.75.** Specimens, **each, 75c.**
Aurea. (B.) Golden-leaved, double white flowers.
1½ ft., **each, 15c; 3 for 40c; doz., $1.50; per 100, $10.00.**
3 to 4 ft., **each, 50c; 3 for $1.60; doz., $5.00.**
Specimens, extra strong, **each, $1.25; 3 for $3.50.**
Billardii. (B.) Pink flowers; blooms nearly all summer.
1½ ft., **each, 15c; 3 for 40c; doz., $1.50; per 100, $10.00.**
2 to 3 ft., **each 30c; 3 for 80c; doz., $3.00; per 100, $20.00.**
3 to 4 ft., **each, 50c; 3 for $1.60; doz., $5.00.**
Specimens, 5 to 6 ft., **each, 75c; 3 for $2.00; doz., $7.50.**
Bumalda. (B.) Light rose flowers. 1 to 2 ft., **25c; 3 for 65c; doz., $2.50.**
Bumalda ruberrima. (B.) Beautiful dwarf shrub with rich red flowers
2 ft., **30c; 3 for 80c; doz., $3.00.**
Callosa. (B.) The flowers of this are red, and in large flat heads. It blooms the first week in July, and continues for several weeks.
2 ft., **each, 35c; 3 for $1.00; doz., $3.50; per 100, $25.00.**
Callosa alba. (C.) Dwarf white Spiraea of bushy, symmetrical form. Keeps in flower all summer. A valuable small shrub.
1½ ft., very bushy **each, 60c; 3 for $1.60; doz., $6.00.**
Froebeli. (B.) Froebel's Spiraea. Choice free blooming sort, with large panicles of rose-colored flowers.
2 ft., bushy, **50c; 3 for $1.30; doz., $5.00.**
Froebeli Variegata. (B.) Like above, but with pretty variegated foliage.
2 ft., **each, 50c; 3 for $1.30; doz., $5.00.**
Sorbifolia. (B.) A vigorous species, with leaves like those of the Mountain Ash, and long, elegant spikes of white flowers in July. 2½ to 3 ft., **each, 40c; 3 for $1.10; doz., $4.00.**
Thunbergii. (B.) One of the first bloomers; pure white flowers.
2 ft., strong, **each, 50c; 3 for $1.30; doz., $5.00.**
2 ft., strong, **each, 50c; 3 for $1.30; doz., $5.00.**
Specimens, very bushy, **each, 75c; 3 for $2.00.**

SPIRAEA BRIDAL WREATH

Van Houttei. (B.) A splendid garden shrub, entirely hardy, and one of the most beautiful of all; immense bloomers; pure snow-white flowers.
1 to 2 ft., **each, 15c; 3 for 40c; doz., $1.25; per 100, $6.00.**
2 to 3 ft., **each, 20c; 3 for 50c; doz., $1.75; per 100, $8.00.**
2 to 3 ft., heavy, **each, 25c; 3 for 60c; doz., $2.50; per 100, $12.00.**
3 ft., strong, **each, 35c; 3 for $1.00; doz., $3.50; per 100, $25.00.**
4 ft., strong, **each, 50c; 3 for $1.30; doz., $5.00; per 100, $35.00.**
Specimens, **each, $1.00, $1.25 and $1.50, according to size.**

STEPHANANDRA FLEXUOSA (C)

A very hardy shrub, resembling the spiraea; flowers white; blooms in July and August. One of the most desirable of the dwarf shrubs, with branches and leaves from the ground; neat and ornamental hedge plant.
2 ft., **each, 35c; 3 for $1.00; doz., $3.50.**

SYMPHORICARPUS (St. Peter's Wort, or Waxberry)

Small native shrubs much used in shaded places and in open masses. They grow well in almost any soil, are quite hardy and very ornamental, especially so when covered with berries in Fall and Winter. They grow 3 to 6 ft. in height, have small leaves and slender branches.

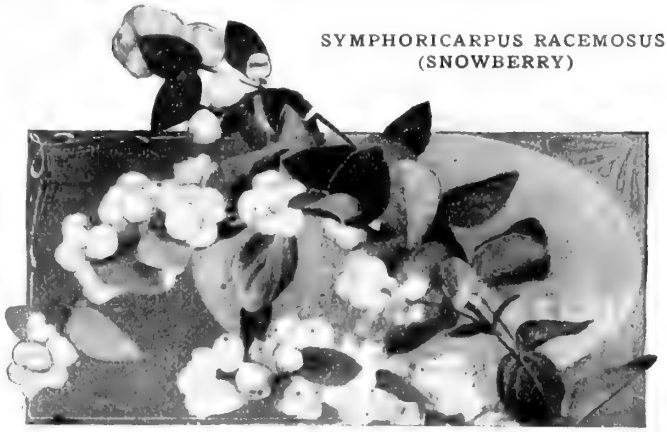
Heyeri. (B.) Handsome shrub; blooms freely when small; flowers pretty pink in July and August; berries white. 2 ft., **each, 40c; 3 for $1.10; doz., $4.00.** 3 ft., each, **60c; 3 for $1.65; doz., $6.00.**

Occidentalis. (B.) One of the prettiest of the Snowberries; growth strong and drooping; leaves large; flowers reddish white.
2 to 3 ft., **each, 50c; 3 for $1.30; doz., $5.00.**

Racemosus. (B.) (Snowberry.) July and August. Small red flowers, succeeded by abundant white berries.
2 ft., **each, 30c; 3 for 75c; doz., $2.75; per 100, $18.00.**
3 ft., **each, 50c; 3 for $1.30; doz., $5.00; per 100, $35.00.**
4 ft., **each, 60c; 3 for $1.65; doz., $6.00.**

Vulgaris. (B.) Indian Currant.) A shrub of very pretty habit. Foliage, flowers and fruit small; fruit purple, hangs all winter.
2 ft., **each, 25c; 3 for 60c; doz., $2.50.**
3 ft., **each, 40c; 3 for $1.10; doz., $4.00.**
4 ft., **each, 50c; 3 for $1.30; doz., $5.00.** Specimens, **each, 75c; 3 for $2.00.**

Vulgaris foliis variegatis. (C.) Same as the Vulgaris, except in foliage, which is green and white; ornamental shrub.
2 ft., **each, 35c; 3 for $1.00; doz., $3.50.**
3 ft., **each, 50c; 3 for $1.30; doz., $5.00.** Specimens, **each, 75c; 3 for $2.00.**



SYMPHORICARPUS RACEMOSUS (SNOWBERRY)

TAMARIX (B)

Shrubs of strong but slender, upright growth; clothed in foliage as light and feathery as that of the asparagus. Their delicate fringed flowers are usually some warm shade of pink or red and very ornamental at the back of shrubbery borders and valuable for seaside planting.

African. Handsome foliage; pink flowers; blooms in May.
3 to 4 ft., **each, 30c; 3 for 80c; doz., $3.00.**

Amurense. A splendid new hardy variety, with silky pink tassels; flowers all Summer. 4 ft., **each, 40c; 3 for $1.10; doz., $4.00.**

Gallica. Foliage fine and feathery on long slender branches that are covered their entire length with bright pink plume-like flowers.
3 ft., **each, 45c; 3 for $1.30; doz., $5 00.**

Hispida Aestivalis. A new variety of vigorous growth. In May the branches are covered half their length with numerous bright carmine-pink flowers. Blooms for a long time. Awarded first prize at the Paris International Exposition in 1900. 2 ft., **each, 50c; 3 for $1.30; doz., $5.00.** Specimens, **each, 75c; 3 for $2.00.**

Indica. Handsome shrub, with fine foliage, like that of the Juniper. Valuable for planting in sand and soil that few plants will do well in; small pink flowers. 4 to 6 ft., **each, 60c; 3 for $1.60; doz., $6.00.**

Odessana. An improvement on Africana, having longer racemes of flowers. 3 to 4 ft., **each, 60c; 3 for $1.60; doz., $6.00**

Tetrandra purpurea. A mass of purplish pink flowers in June and July.
2 ft., **each, 35c; 3 for $1.00; doz., $3.50.**
3 ft., **each, 50c; 3 for $1.30; doz., $5.00.**
Specimens, 5 ft., **each, 75c; 3 for $2.00.**

VIBURNUM

Cassinoides. (B.) (White Rod.) A medium-growing, upright shrub, nicely furnished with foliage of a dull green. The yellowish white flowers are followed by an abundant crop of fruit which changes in coloring from green to red and black. A very popular variety; increasing in use.
3 ft., **each, 75c; 3 for $2.00; doz., $7.50.**

Dentatum. (B.) May and June. A free-flowering shrub, especially admired for the abundance of its scarlet fruits that cling to the branches a long time. 2 to 3 ft., **each, 50c; 3 for $1.30; doz., $5.00.**

Lantana. (A.) (Early White Lantana-leaved Viburnum.) Large, robust shrub, with soft, heavy leaves, and large clusters of white flowers in May, succeeded with red fruit; retains its foliage very late.
4 ft., **each, 60c; 3 for $1.60; doz., $6.00.**

Opulus. (A.) (High-Bush Cranberry.) May. Spreading habit. Single white flowers borne in flat, imperfect clusters, followed by clusters of red berries that cling to the leafless branches all winter.
2 to 3 ft., **each, 40c; 3 for $1.10; doz., $4.00; per 100, $28.00.**
3 to 4 ft., **each, 60c; 3 for $1.60; doz., $6.00; per 100, $35.00.**
Specimens, 4 ft., **each, 75c; 3 for $2.00.**

Plicatum. See Japanese Snowball. **Sterile.** See Snowball.

Tomentosum. (B.) (The single form of the beautiful Japan Snowball.) Flowers pure white, in great profusion early in June. Perfectly hardy; vigorous and free-blooming; very desirable.
2 ft., **each, 50c; 3 for $1.30; doz., $5.00.**

WEIGELIAS (Diervilla) (B)

These shrubs bloom after the lilacs, in June and July. They make a strong growth, erect when young, gradually spreading and drooping into most graceful shape with age. Their large flowers are of wide trumpet-shape, colors from white to red, and borne in clusters thickly along the branches.

Amabilis. Of robust habit. Large foliage and pink flowers. Blooms freely in the Autumn. Distinct and beautiful.
2 to 3 ft., **each, 35c; 3 for $1.00; doz., $3.50.**

Candida. White-flowering Weigela flowering throughout the Summer.
2 ft., **each, 40c; 3 for $1.10; doz., $4.00.**
5 ft., **each, 75c; 3 for $2.00; doz., $7.50.**

Eva Rathke. A charming new Weigela. Flowers brilliant crimson; flowering throughout the Summer. This is the best of all Weigelas.
1 to 1½ ft., **each, 25c; 3 for 65c; doz., $2.75.**
2 to 3 ft., **each, 50c; 3 for $1.30; doz., $5.00.**
3 to 4 ft., **each, 75c; 3 for $2.00; doz., $7.50.**

Nana variegata. (C.) One of the most conspicuous shrubs; leaves beautifully margined, creamy white; flowers pink. A dwarf grower and admirably adapted to small lawns or gardens.
1 ft., **each, 30c; 3 for 80c; doz., $3.00.**
2 to 3 ft., **each, 50c; 3 for $1.30; doz., $5.00.**
Specimens, 3 ft., **each, 75c; 3 for $2.00.**

Rosea. A beautiful shrub, with rose-colored flowers in May and June. 2 to 3 ft., **each, 40c; 3 for $1.10; doz., $4.00.** Specimens, 4 to 5 ft., **each, 75c; 3 for $2.00.**

Sessilifolia. See Diervilla.

W. Sieboldi. Upright, compact grower; foliage heavy and vigorous, light crimson green margined with creamy white, which changes to pure white; flowers clear rose.
1 ft., **each, 35c; 3 for $1.00; doz., $3.50.** Specimens, 3 to 4 ft., **each, 75c; 3 for $2.00.**

Willow. See Salix. **Winter Berry.** See Ilex verticillata. **Witch Hazel.** See Hamamelis.

KOSTER'S BLUE SPRUCE.

XANTHOCERAS SORBIFOLIA (A)

May. A rare shrub with stout, upright branches, pinnate foliage and slender panicles of white flowers that are blotched with yellow and red. Hardy, but dies down to the ground in Winter; new growth in Spring. Valued for solitary planting.
3-year-old roots, **each, 40c; 3 for $1.10; doz., $4.00.**

PICEA PUNGENS GLAUCA KOSTERIANA

(Koster's Blue Spruce)

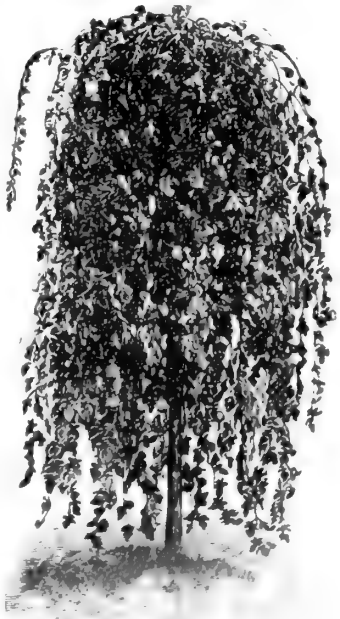
Notable variety from the Rocky Mountains and the most valuable conifer for ornamental planting. A rapid, vigorous grower, with stiff, close branches and brilliant, rich silvery blue foliage. Perfectly hardy under all conditions. More in demand at the present time than any other conifer. The stock we offer is grafted on the "Compacta" type, which is far more regular, compact and dense than the ordinary Koster Spruce, besides being of the deepest steel-blue. Beware of seedlings offered at low prices; these are not as blue in color nor as symmetrical and regular in shape. Well-shaped trees, specially selected from our large stock.

2 to 2½ ft., **each, $3.50.**
2½ to 3 ft., **each, $6.00.**
3 to 4 ft., **each, $7.50.**
4 to 5 ft., **each, $8.50.**
5 to 6 ft., **each, $10.00.**

Besides the above we have some larger specimens at **$12.00, $15.00** and **$20.00 each.** The best time to transplant these is in May and August.

TEAS' WEEPING MULBERRY

The most beautiful weeping tree of recent introduction. The slender branches grow downward parallel with the stem, forming an umbrella-like shape. All who have seen it agree that in light, airy gracefulness, delicacy of form and motion, it is without a rival. It undoubtedly takes the foremost place among weeping trees; it has beautiful foliage, is hardy, enduring the cold of the North and the heat of the South, safe and easy to transplant. Admirably adapted for ornamenting small or large grounds, or for cemetery planting. Trees, 6 to 8 ft., with 3 year-old heads, **each, $2.50; 3 for $7.00; 12 for $25.00.**



TEAS' WEEPING MULBERRY.

STANDARD BAY TREE.

BAY TREES. (Laurus Nobilis.)

For decorative purposes these stately plants cannot be excelled. Nothing can approach them as effective plants for decorating entrance halls or piazzas. We have on hand at all times, a large stock of fine plants grown in standard and pyramidal form.

STANDARD BOX TREE.

Beautiful Shaped Plants in Fine Condition

STANDARD OR TREE SHAPED. (See Cut.)

Stems. Crowns.	Each.
42-45 in. high, 20-22 in. in diameter	$ 7.50
42-45 in. high, 24-26 in. in diameter	8.50
45 in. high, 30-32 in. in diameter	14.00
45 in. high, 34 in. in diameter	15.00
45 in. high, 40-42 in. in diameter	20.00

BAY TREES.

Pyramidal Shaped.

5 ft. high, 26-28 in. in diameter	$10.00
6 ft. high, 30 in. in diameter	12.50
7 ft. high, 30-36 in. in diameter	20.00

DWARFED, STANDARD BAY TREES.

Not over 4-5 ft. in total height, 20-24 in. crowns	$6.00

BOX TREES. *Beautiful Shapely Plants in Fine Condition.*

These plants are sheared in compact pyramidal and globe form and make very beautiful specimens which are desirable for the same purposes as the Bay Trees and are not as expensive. Prices include trees planted in nice new green tubs.

Box Trees in Pyramidal and Standard Shapes.

PYRAMID SHAPED BOX TREES. *Fine Shapely Trees.*

	Each.	Pair.
2 ft. high	$ 2.00	$ 3.75
2½ ft. high	2.50	4.50
3 ft. high	3.00	5.50
3½ ft. high	4.00	7.00
4 ft. high	5.00	9.00
5 ft. high	8.00	15.00
6 ft. high	10.00	18.00

STANDARD OR TREE SHAPED BOX.

	Each.	Pair.
18-22 in. clear stem, 20-22 in. crowns	$3.50	$ 6.50
22-24 in. clear stem, 22-24 in. crowns	5.00	9.00
18-22 in. clear stem, 30-32 in. crowns	7.00	12.50
22-24 in. clear stem, 32-34 in. crowns	8.00	15.00

BUSH SHAPED BOX WOOD.

Fine bushy plants, 15-18 in. high, **each, 50c; doz., $5.00; per 100, $35.00.**

CHOICE SELECTION OF SMALL FRUITS.

BLACKBERRIES.

Plant in rows 8x4 ft. If to go by mail, add 35c per 100 for postage.

Eldorado. The vines are very vigorous and hardy, enduring the winters of the far northwest without injury, and their yield is enormous. Berries large, jet black.

Snyder. Extremely hardy, enormously productive, medium size, no hard, sour core; sweet and juicy.

Stone's Hardy. Best variety for the north; fruit rich and melting. **Price, each, 10c; per doz., 75c; per 100, $3.00.**

THE PERFECTION CURRANT.

CURRANTS.

Add 25c per dozen for postage on two-year-old plant prices if to go by mail.

Fay's Prolific. The leading red market variety. 2-yrs. only.

North Star Currant. It is a bright red color and is the **sweetest and best flavored currant known.** It is an early and prolific bearer, many of the clusters measuring from three to five inches in length.

Red Dutch. The old well-known red currant.

White Dutch. The well-known white currant.

Lee's Prolific. One of the best black Currants. 3-years only. **Strong, each, 30c; per doz., $3.00.**

Price of above, unless noted: 2-year-old, each, 15c; doz., $1.25; per 100, $8.00. 3-year-old, each, 25c; doz., $2.25; per 100, $18.00, by express.

PERFECTION CURRANT, NEW.

This grand new currant certainly deserves more space in our catalogue, as it is surely a wonderful variety, and especially remarkable for its size, color and quality. A cross of the famous Fay's Prolific and the white grape; originated by Mr. Chas. G. Hooker. A very productive variety with berries about as large as grapes of a beautiful bright red color, making it a valuable market sort. It is mild in flavor and free from the sharp sourness found in other red varieties, and is exceptionally fine for sauce, jellies and preserves.

Strong 2-year-old plants, each, 50c; per doz., $5.00, by express.

NEW WHITE CURRANT, BAR-LE-DUC.

This excellent Currant comes from the place whose name it bears and is the same after which this famous Currant Jelly is named. The clusters have from 12 to 14 large white transparent berries which are very sweet. The berries are whitish and not yellowish like other white currants. They only have from 2 to 3 little seeds, while other sorts have from 4 to 6, which are larger than those of the Bar-le-Duc. The berries have therefore a great deal more juice and meat. Plants grow upright and require a sunny location. We have had a great deal of difficulty in securing the true stock of this since it was held very closely in the locality where it originated. The plants we offer are genuine and excellent strong, 2-year-old plants.

Strong 2-year-old plants, each, 50c; per doz., $5.00, by express.

Raspberry, The Loudon.

RASPBERRIES.

Add for postage, 10c., per doz.; 50c per 100.

THE LOUDON. The largest Red Raspberry we have ever seen. When boxed for market it outclasses everything in the Red Raspberry line and sells quicker and for more money. It is an almost ever-bearing variety.

THE COLUMBIAN. Valuable and profitable. We have no doubt of the wisdom of investing $10.00 to $50.00 in this berry. The fruit is cone-shaped, of dark red, almost purplish color. Fruiting season extends from July 10th to August 15th. It is an excellent shipper and very productive. **Each, 10c; 12 for $1.00; 100, $4.00.**

OLDER. Of strong growth, producing canes very much branched, giving more fruiting surface than any other Black Cap. The fruit is of a shiny coal black without bloom; rich, juicy and very small seeds.

THE KANSAS. The best of all the Black Caps, berries large or larger than the Gregg; jet black, firm, handsome and of the best quality; very vigorous growth; exceedingly productive.

SHAFFER'S COLOSSAL. Truly colossal, plant and fruit, and ironclad in hardiness; dark red berries of a sprightly, sub-acid flavor. Increase from the tip.

GREGG. Large Black Cap; heavy bearer.

Price, except noted, **each, 10c; 12 for 75c; 100 for $3.00.**

SIX SELECT GRAPES.

CAMPBELL'S EARLY, King of American Grapes.

A grape in all respects better adapted to general use in all sections than any other which has yet been grown and tested. Large, nearly round, often an inch or more in diameter; black, with light purple bloom; skin thin; flavor rich and sweet. **Price,** 1 yr. old vines, **20c each; doz., $1.75, by exp.** 2 yr. old vines, **35c each; doz., $3.00, by exp.**

BRIGHTON. Dark red, bunches large; medium size, skin thin, flesh tender, quality the best. Must be grown with other sorts, as it does not pollenize itself.

CONCORD. Well known, reliable, deep purple.

DELAWARE. Bunches small, compact shouldered; small, round; skin thin, light red; flesh very juicy.

NIAGARA. Vine hardy; unusually strong grower; bushes large and compact, mostly round; light greenish white, semi-transparent, slightly ambered in the sun; skin thin, tough; sweet to center.

WORDEN. Black, handsome, compact bunch; ripens three weeks earlier than Concord.

Price (except where noted), postpaid, 1-year-old, **each, 15c; any 3 for 30c; 12 for $1.00.** 2-year, **each, 20c; any 3 for 50c; 12 for $1.50; 100 for $10.00,** by express. Extra heavy grade, 3-year vines, by exp., **each, 30c; 3 for 75c; 12 for $2.50.**

Special Offer No. 476. The set of 6 grapes, 1-year, for 75c, postpaid.

Special Offer No. 477. The set of 6 grapes, 2-year, for $1.25, postpaid.

Special Offer No. 478. The set of 6 grapes, 3-year, $1.75, by exp., at buyer's expense. Includes the new Campbell grape.

BLACK HAMBURG. For Conservatory Planting.

This is the standard hot house grape, grown in private conservatories.

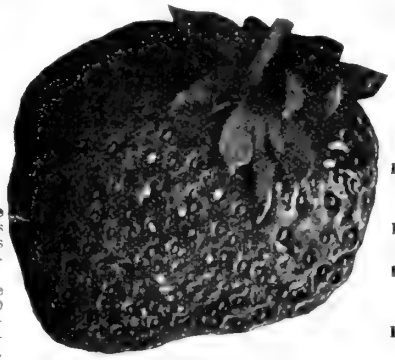
The berries are large and of a deep blue black color and of excellent flavor. The bunches of fruit weighing often 3 to 5 pounds.

We offer large pot grown plants with canes 6 ft. long. **Price, each, $1.50; 6 for $8.00; 12 for $15.00, all by express at buyer's expense.**

SMALL FRUITS--Continued.

STRAWBERRIES.

Varieties marked (P) have imperfect flowers; they will not produce well unless every fourth or fifth row or plant is a perfect flowering variety, as are all not so marked. Thus planted the (P) sorts are the most productive.



New Strawberry "Waldorf."

NEW AND STANDARD VARIETIES.

NEW STRAWBERRY "WALDORF."

A cross between Wm. Belt and President. Early, vigorous foliage, strong grower and very prolific. Exceeding in productiveness any variety in cultivation. The fruit is smooth, medium to large, color a bright scarlet, keeping qualities excellent and a splendid shipper. An ideal Strawberry either for home use or for the market gardener.

Our plants are specially grown for us by the originator. **Price, per doz., 50c; per 100, $3.00; per 250, $10.00.**

Price of all the following except where noted, per doz., 35c; 100, $1.25, postpaid; per 1,000, $7.50, by express. For Spring delivery only.

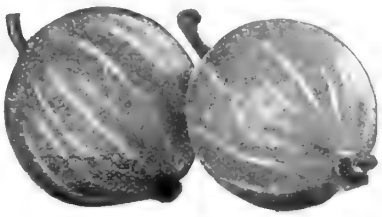
ALFONSO XIII. Berries medium to large in size. Clear scarlet in color. Quality better than any native sort; a fine garden variety, standing perfectly our Summer sun. The most promising European variety that has come to our knowledge. **Price, per doz., 50c, by mail; per 100, $3.50, by express.**

AUG. LUTHER. (P.) Well known standard variety, good grower and reliable. Fruit large, glossy, bright red, firm and of good quality. Always a good cropper.

BRANDYWINE. Berries large; ripen late. One of, if not the best, well tested varieties for both home and market use.

BETTER BELT. Excels all varieties in size and yield. Color deep glossy red, with crimson flesh right to the center. Fine grower, remarkably productive. Quality superb.

CHESAPEAKE. The best late variety in cultivation, uniform, good size and attractive in appearance. This variety is as late as the Gandy, equal in size and more productive, for firmness; eating and shipping qualities far superior. A vigorous grower. **Price, per doz., 50c, by mail; per 100, $3.50, by express.**



Gooseberry "Keepsake."

GOOSEBERRIES.

DOWNING. Largest of our native Gooseberries; pale green; very sweet. 2-year-old, **each, 20c; dozen $2.00; per 100, $15.00, by express.**

HOUGHTON. Well known, medium size, pale red, very productive. **Price same as above.**

INDUSTRY. It is one of the heaviest croppers. The fruit is of largest size, very early and sweet. 2-year, **each, 25c; doz., $2.00; 25 for $3.50, by express.**

KEEPSAKE. A very large, straw-colored variety of the finest quality and largest size. Its abundant foliage protects the fruit. 2-year plants, **by express, each, 30c; 6 for $1.50; 12 for $2.50; 25 for $4.00.**

RED JACKET. It is the best Red Gooseberry in existence; has good foliage; mildew proof; yields well. The berry is as large as Keepsake; smooth, bright red color and of excellent quality. 2-year plants, **by express, each, 25c; 6 for $1.25; 12 for $2.00; 25 for $3.50.**

STRAWBERRIES -Continued

CARDINAL. This Strawberry surpasses all in size of plant and abundance of runners; fruit stalks tall and robust, bearing fruit well off the ground; color, beautiful cardinal red all the way through; slightly acid. Does well everywhere.

GANDY. One of the best late varieties in cultivation. Berries large, of fine form and excellent quality. Flesh firm, good shipper.

JOHNSON'S EARLY. Early. Desirable variety for market or house, very prolific and healthy grower, fruit large, of good form and color, and delicious flavor.

NICK OHMER. Midseason. Very large, dark glossy red, firm and perfect in shape. Enormous yielder and of excellent flavor. Forces well.

PRES. DE LA DEVAN SAYE. (New French Variety.) Produces abundant early crop of extra large, dark red fruit of rounded conical shape. Excellent quality, good keeper. Awarded a certificate of merit in France. Fine for forcing. Worthy a trial. **Price, per doz., 50c, by mail; per 100, $3.50, by express.**

SENATOR DUNLAP. Exceedingly vigorous. Fruit large, regular and attractive in form, deep red to the center. Firm in substance, excellent in quality. Begins to ripen with the earliest and continues nearly a month.

SAMPLE. Prolific bearer, with large roundish berries of firm flesh, bright red color and good quality.

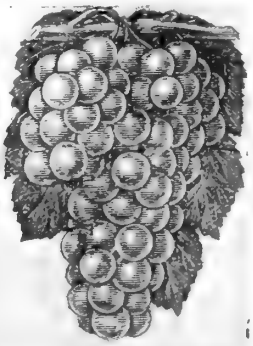
STEVEN'S LATE CHAMPION. (P.) Strong, vigorous and productive. Very large, fine flavor, bright color and good shipper. Will grow successfully where any strawberry will grow. Stands drought well and has never shown any signs of rust. Later than Gandy. An excellent variety. **Price, per doz., 50c, by mail; per 100, $3.50, by express.**

Special Offer No. 479. A Strawberry collection. 100 fine strong healthy plants (Spring delivery only), in four good sorts, our choice, **prepaid, $1.00.**

FOR SEPTEMBER AND OCTOBER DELIVERY.

Strawberry Runners, as above, $2.00 per 100.
Strawberry Pot Plants, as above, $3.50 per 100.

Campbell's Early



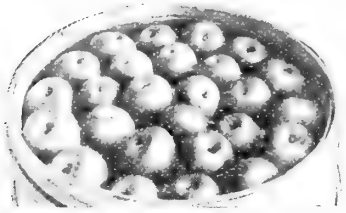
Niagara

We have no so-called "Agents" for our nursery stock. There are a great many traveling tree men who sell inferior stock at exorbitant prices. Buy your nursery stock direct from us and get the best at the least price.

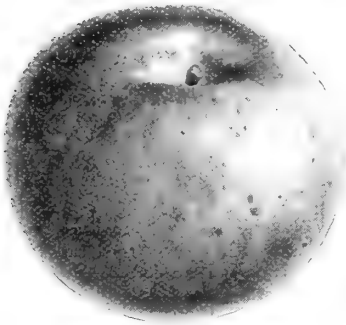
CHOICE FRUIT TREES.

These trees are 3 years old, 5 to 7 ft. high (except noted), well branched, and are sent out by express or freight. Prices do not include prepayment.

OUR GUARANTEE. All goods are guaranteed to reach you in good condition; mistakes, if made, will be promptly rectified; examine and count on receipt and notify us at once should there be any errors or damaged stock. This guarantee will not hold good unless above requirements are complied with. From the immense stocks stored in our frost-proof cellars, shipments can be made at any time to suit the planting requirements of customers in any locality. Certificate of Inspection, showing freedom of our stock from San Jose Scale and other injurious insects and diseases, will be attached to all freight and express shipments.



Apple, Yellow Transparent.



Apple, Ben Davis.

Pear, Kieffer.

Peach, Elberta.

QUANTITY AND PRICES.

Where price per tree is	We supply 3 for	Per dozen
$0.35	$1.00	$ 3.50
.40	1.10	4.25
.50	1.35	5.25
.60	1.60	6.25
.75	2.00	7.75
1.00	2.75	10.00
1.25	3.25	12.00

APPLE TREES.

ALEXANDER. A very large and beautiful apple; color deep; quality medium; very hardy; a medium bearer and moderate grower. Sept. and October. Each, 8 ft., extra heavy, **$1.25 and $1.50.**

BEN DAVIS. Large, handsome shaped, valuable Winter apple. Each, 5 ft., **35c**; 6 ft., **50c**; 6 ft., selected, **75c.**

BISMARCK. Dwarf growing, early bearing, 3-year-old fruit trees. Each, 4 to 5 ft., **50c.**

DUCHESS OF OLDENBURG. Yellow and red, juicy. Autumn. Each, 6 ft., **35c**; 6 to 7 ft., **50c**; 6 to 7 ft., extra heavy, **$1.00.**

EARLY HARVEST. Of medium size; color pale yellow; flavor mild; a good bearer; one of the first to ripen. End of August. Each, 6 to 7 ft., extra heavy, **$1.00.**

GRIMES GOLDEN. Good size, yellow; of highest quality. Very productive. Sept. Each, 5 ft., **35c**; 5 to 6 ft., **60c.**

JONATHAN. Medium, red; extra quality. Winter. Each, 5 ft., **35c**; 6 ft., **50c**; 6 ft., selected, **75c.**

MAIDEN'S BLUSH. Pale yellow with red cheek; flavor tender and pleasant; a free grower and good bearer. Valuable market sort. Sept. and Oct. Each, 6 ft., **50c**; 6 to 7 ft., selected, **75c.**

NORTHWESTERN GREENING. Hardy, yellow, rich and good keeper. Winter. Each, 5 to 7 ft., **50c**; 5 to 7 ft., selected, **75c**; 6 to 7 ft., extra strong, **$1.00.**

NORTHERN SPY. Large, striped, sub-acid; Winter. Each, 6 ft., **35c**; 6 to 7 ft., **50c**; 7 ft., selected, **75c.**

RED ASTRACHAN. Large beautiful deep crimson, one of the best Summer apples. Each, 5 ft., **35c**; 5 ft., selected, **50c.**

SALOME. Medium and uniform size, good quality, long keeper. Winter. Each, 6 ft., **35c**; 7 ft., **50c**; 7 ft., selected, **75c.**

TOLMAN SWEET. Medium, yellow and red, rich; Winter. Each, 5 to 6 ft. **35c**; 6 ft., **50c**; 6 to 7 ft., strong, **75c.**

WALBRIDGE. Handsome striped, red medium; Winter. Each, 5 ft., **35c**; 6 to 7 ft., **50c.**

WEALTHY. Large, red, sub-acid, productive; Winter. Each, 5 ft., **35c**; 5 to 6 ft., selected, **50c**; 6 to 7 ft., **75c**; 8 ft., extra heavy, **$1.00 and $1.25.**

WINE-SAP. Large, deep red, a good keeper; quality medium; a moderate grower and good bearer. Succeeds well in the West. Dec. to May. Each, 4 to 5 ft., **50c.**

YELLOW TRANSPARENT. Earliest and best, white, tender and juicy; sub-acid; late Summer. Each, 4 to 5 ft., **35c**; 5 to 6 ft., **50c**; 6 ft., selected, **75c**; 7 ft., extra strong, **$1.25.**

WOLF RIVER. Large, yellow striped and shaded red, juicy; Winter. Each, 5 ft., **35c**; 5 ft., selected, **50c**; 6 ft., **75c.**

CRAB APPLE TREES.

HYSLOP. Large, deep crimson; one of the most beautiful of Crabs. Oct. Each, 4 ft., **35c**; 5 ft., **50c**; 6 ft., **75c.**

SIBERIAN. Large, golden yellow; very popular; September. Each, 5 to 6 ft. **35c**; 6 to 7 ft., selected, **75c.**

TRANSCENDANT. Immensely productive, bright red; one of the most popular. Sept. and Oct. Each, 5 to 6 ft., **50c**; 5 to 6 ft., selected, **75c.**

WHITNEY. One of the largest, glossy green splashed carmine. Firm, juicy, pleasant, great bearer. Aug. Each, 4 ft., **35c**; 5 ft., **50c**; 6 ft., **75c.**

PEAR TREES.

BARTLETT. The most popular Summer pear; large fruit of musky melting flavor. The tree is a vigorous grower, an early and abundant bearer. Each, 5 to 6 ft., **50c**; 6 ft., selected, **75c**; 6 to 8 ft., extra heavy, **$1.25.**

CLAPP'S FAVORITE. Very large, yellow and dull red; very fine; August. Each, 5 ft., **40c**; 5 ft., selected, **60c**; 6 to 7 ft., **75c.**

FLEMISH BEAUTY. Large, juicy, rich, one of the hardiest. Autumn. Each, 4 to 5 ft., **40c**; 5 to 6 ft., **60c**; 6 to 7 ft., **75c.**

KIEFFER. Good for preserving and canning; extra large; good bearer. October. Each, 5 to 6 ft., **50c**; 6 to 7 ft., **75c**; 6 to 8 ft., **$1.00 and $1.25.**

KOONCE. Thoroughly tested for several years. Has produced good crop when all other varieties were killed by frost. Fruit medium to large yellow with carmine cheek; quality good; ripens in time for the earliest market. Each, 4 to 5 ft., **40c**; 5 to 6 ft., **60c**; 6 to 8 ft., strong, **75c and $1.00.**

SECKEL. Small, yellowish brown, red cheek; best to eat out of hand and pickle. Each, 4 ft., **40c**; 4 to 5 ft., selected, **60c**; 6 ft., **75c.**

CHERRY TREES.

BLACK TARTARIAN. Large, black, juicy, rich. Last of June. Each, 5 to 6 ft., **60c.**

DYEHOUSE. Very early and sure bearer; ripens a week before Early Richmond. June. Each, 5 ft., **60c**; 5 ft., selected, **75c**; dwarf, 3 ft., **45c.**

EARLY RICHMOND. Dark red, juicy, rich acid, good, hardy bearer. June. Each, 5 to 6 ft., **60c**; selected, **$1.00**; extra heavy, **$1.25**; dwarf, 3 to 4 ft., **45c.**

EARLY RICHMOND. Crafted on Morello. This is the best for Chicago and vicinity; bears more profusely and earlier. Each, 4 to 5 ft., **$1.25.**

ENGLISH MORELLO. Fair size, blackish red, rich acid, juicy, good. August. Each, 4 to 5 ft., **60c**; 6 to 7 ft., selected, **$1.00.**

GOV. WOOD. Large, bright red, sweet and juicy. June. Each, 5 to 7 ft., **60c**; dwarf, 3 to 4 ft., **45c.**

MONTMORENCY. Large, red, acid, about 10 days later than Early Richmond. Very prolific and hardy. Each, 4 ft., **60c.**

NAPOLEON. Large, pale yellow or red, juicy and sweet. July. Each, 5 to 6 ft., **60c.**

SCHMIDT. Large size, deep black, very juicy and sweet. July. Each, 5 to 6 ft., **60c.**

WINDSOR. It originated in the cold climate of Canada, and is therefore very hardy. The fruit is very large of dark liver color, firm, solid and rich; good quality. July. Each, 5 to 6 ft., **60c**; selected, **75c.**

WRAGG. Dark purple, fine quality; medium. July. Each, 5 ft., **60c**; 6 ft., **75c**; 6 to 7 ft., **$1.00.**

PEACH TREES.

CRAWFORD'S EARLY. Large, yellow; of excellent quality. Very vigorous and prolific.

CRAWFORD'S LATE. Very large and productive; yellow; ripens about the close of the peach season.

CROSBY. One of the hardiest; abundant bearer, bright yellow. Sept.

ELBERTA. Large, yellow; one of the leading market varieties. Sept.

TRIUMPH. Earliest yellow-fleshed peach, sure and abundant bearer; fruit yellow with red and crimson cheeks.

WONDERFUL. Freestone peach; rich, golden yellow, overspread with rich carmine; excellent keeper.

Trees, 4 to 5 ft., **each, 25c; 3 for 65c; 12 for $2.40, by express.**

One each of above 6 varieties of Peaches, $1.20.

PLUM TREES.

ABUNDANCE. This is the plum for you, if you try but one. Lemon yellow ground, nearly overspread with cherry; flesh yellow. Each, 5 to 7 ft., **40c; 3 for $1.10; doz., $4.25.**

BURBANK. The best and most profitable among growers for market. Tree hardy, sprawling, vigorous grower, unequaled in productiveness; bears young; fruit large, excellent quality, cherry red with lilac bloom. Aug. Each, 5 to 6 ft., **40c**; selected, **60c.**

DE SOTO. Very hardy, bright red. Each, 5 to 6 ft., **40c**; 6 to 7 ft., selected, **75c.**

WOLF. Very popular, large, immensely productive. Aug. Each, 4 to 5 ft., **35c**; 6 to 7 ft., selected, **75c.**

MULBERRY.

NEW AMERICAN. Vigorous grower; very productive; the best variety for fruit; ripe June to Sept. Trees 3 to 4 ft., **each, 50c.**

RUSSIAN. Very hardy, vigorous grower, fruit of small size; varies in color from white to black.
3 to 4 ft., **each, 30c; 3 for 80c; doz., $3.00.**
4 to 6 ft., **each, 75c; 3 for $2.00; doz., $7.75.**

QUINCE.

MEECH. A vigorous grower and immensely productive. The fruit is large, lively orange yellow, of great beauty and delightful fragrance. Its cooking qualities are unsurpassed. 3 to 4 ft., **each, 60c.**

WALNUT.

JAPAN. Hardy, rapid grower, bears young and abundantly; worthy of extensive planting. 2 to 3 ft., **each, 40c; 3 for $1.10; doz., $4.25.**
5 to 6 ft., **each, $1.25; 3 for $3.25.**

BLACK. 5 to 6 ft., **each, $1.25; 3 for $3.50.**

ABOUT PRUNING.

When trees are dug in the nursery a portion of the roots are broken or cut off and the balance that existed in the structure of the tree is deranged. It is therefore necessary that the branches be pruned. Fruit trees from 5 to 7 ft. in height usually have clear stems varying from 3 to 5 ft., with the branches forming a head. The branches must all be cut back to within three or four buds of their base. All broken or bruised roots must be cut off smoothly to the sound wood. In case of larger trees the pruning must be in proportion.

We shall be glad to prune fruit and other trees ready for planting if requested; in that case, however, our customers cannot expect to receive trees that answer our specifications as to height, since they are for trees not pruned.

SHADE and ORNAMENTAL TREES.

These prices on Ornamental and Shade Trees are F. O. B. railroad station or express office at Chicago, purchaser paying transportation charges from there. On Chicago city orders we prepay delivery charges if the order for trees (alone) amounts to $7.50 and upwards, at these prices, except where other arrangements are made.

AILANTHUS. (Tree of Heaven.)

A. GLANDULOSA. A lofty, rapid growing tree from Japan, with long elegant feathery foliage. One of the most distinct of ornamental trees. 6 to 7 ft., **each, 60c; 3 for $1.60.**

ASH. (Fraxinus.)

AMERICAN WHITE ASH. A fine tree that produces large clusters of greenish white flowers on the ends of the branches in June.
8 to 10 ft. trees, 1½ inch caliper, **each, $1.25.**
8 to 10 ft. trees, 2 inch caliper, **each, $1.75.**
8 to 10 ft. trees, 2½ inch caliper, **each, $2.25.**

WEEPING ASH, with 7 ft. clear stem, 3-year heads. **Each, $5.00.**

BIRCH. (Betula.)

B. LENTA. (Sweet Bark or Cherry Birch.) A native tree with dark brown bark and bronze-reddish twigs. Leaves somewhat heart shaped. Thrives in low as well as high ground.
6 to 7 ft., pyramids, **each, 75c; 3 for $2.00.**

CUT-LEAVED WEEPING BIRCH. A tree of wonderful grace and beauty. The bark is silvery white, the leaves delicately cut. A favorite tree for lawn groups, specimens and cemetery planting.
8 to 10 ft., **each, $1.25; 3 for $3.50; doz., $12.00.**

BOX ELDER. (Ash-Leaved Maple.)

Of quick growth and irregular, spreading form.
10 ft. trees, 2 inch caliper, **each, $1.50; 3 for $4.00.**
10 ft. trees, 2½ inch caliper, **each, $2.50; 3 for $6.50.**
12 ft. trees, 3 inch caliper, **each, $3.50; 3 for $9.00.**

CATALPA.

C. BUNGEII. Grafted tops on straight stems, forming a pretty dome-shaped head of great soft heavy leaves.
5, 6 and 7 ft. clear stem, 5-year heads, **each, $3.00.**
2-year heads, **each, $2.00.**

C. SPECIOSA. White flowers, edged with violet and dotted with purple and yellow.
7 to 8 ft. trees, 2 inch caliper, **each, $1.00; 3 for $2.75; doz., $10.00.**
10 ft. trees, 2½ inch caliper, **each, $2.50; 3 for $7.00.**
10 to 12 ft. trees, 3 inch caliper, **each, $3.50; 3 for $9.50.**

ELM. (Ulmus.)

AMERICAN. The ideal street tree. We offer fine shapely trees.
6 to 8 ft. trees, 1½ inch caliper, **each, $1.25; 3 for $3.50; doz., $12.00.**
8 to 10 ft. trees, 2 inch caliper, **each, $2.00; 3 for $5.00; doz., $18.00.**
8 to 10 ft. trees, 2½ inch caliper, **each, $3.00; 3 for $8.00.**
8 to 10 ft. trees, 3 inch caliper, **each, $4.00.**
8 to 10 ft. trees, 3 inch caliper, selected, **each, $5.00.**

PURPLE-LEAVED. Fine trees for the lawn with purplish green foliage.
6 to 7 ft. trees, 1½ to 2 inch caliper, **each, $1.25; 10 for $10.00.**

SCOTCH OR WYCH. A rapid growing Elm from the north of Europe.
7 to 10 ft. trees, 2 to 3 inch caliper, **each, $3.00; 3 for $8.00.**

CAMPERDOWN WEEPING. Grafted 5 to 6 ft. trees, **each, $1.50; 2 for $2.75.**

HORIZONTALIS. Similar to above.
3-year heads. 6 to 7 ft. clear stem, **each, $5.00.**

GINGKO. (Maidenhair Tree.)

BILOBA. A Japanese tree of medium size, with fern-like foliage. Rare and elegant. 7 ft. trees, **each, $1.75; 3 for $4.50.**

JUDAS TREE. (Red Bud.)

It blooms in early spring. Its masses of small delicate rosy red flowers wreathe the leafless branches so quickly as to give very fine contrasts and cheery Spring effect. 8 to 10 ft. trees, **each, $1.50; 3 for $4.00.**

LINDEN. (Tilia.)

AMERICAN LINDEN. A fast growing, upright, close-headed native, with large leaves and fragrant flowers. Grows well in light soil.
7 to 9 ft., 2 inch caliper, **each, $2.50.**
7 to 9 ft., 3 inch caliper, **each, $3.50.**

Tolono, Ill. Permit me to thank you for the prompt shipment of my order of the 2nd inst. Goods arrived today and all in first-class shape and all first-class stuff. You can rest assured that you will get all my future orders and that your way of doing business is highly appreciated. LLOYDE H. SANDS.

A BLOCK OF CAROLINA POPLARS AT OUR NURSERIES.

MAPLE. (Acer.)

DASYCARPUM. (Silver Maple.) A fast grower, makes a dense shade and thrives in any kind of soil. We offer fine, straight, clear trees with high tops for street planting.
8 to 10 ft. trees, **each, 75c; 3 for $2.00; doz., $7.50.**
10 to 12 ft. trees, **each, $1.25; 3 for $3.50; doz., $12.00.**
12 to 14 ft. trees, 3 inch caliper, **each, $2.50.**
14 ft. trees, 4 inch caliper, **each, $3.00, $4.00 or $5.00, according to size.**

PLATANOIDES. (Norway Maple.) Handsome round-headed tree. Excellent for lawns where a spreading tree is wanted.
2 inch caliper, **each, $2.50.**
2½ inch caliper, **each, $3.50.**

SCHWEDLERI. (Purple Norway Maple.) Foliage bright crimson in early Spring, changing to purplish green in the Fall.
6 to 8 ft. trees, 1¼, 1½ and 2½ inch caliper, **each, $2.00, $3.00 and $4.00, according to size and shape of tree.**

WIER'S CUT-LEAVED SILVER MAPLE. Partly drooping habit and finely divided leaves; it is a rapid grower and is an excellent lawn tree.
8 to 10 ft. trees, **each, 75c; 3 for $2.00.**
10 to 12 ft. trees, 3 inch caliper, **each, $4.00.**
12 ft. trees, 4 inch caliper, **each, $6.00.**

MOUNTAIN ASH. (Sorbus.)

EUROPEAN MOUNTAIN ASH. A small, pretty tree with pinnate leaves laden until Winter with large clusters of red berries. Examine for borers in Spring and Autumn.
Specimen trees, 2 inch caliper, **each, $2.00;** 3 inch caliper, **each, $3.00.**
1½ inch caliper, **each, $1.75; 3 for $5.00.**
2 inch caliper, **each, $2.25.**
3 inch caliper, **each, $3.00 and $4.00.**

GOLDEN-LEAVED MOUNTAIN ASH. A handsome variety, foliage bright yellow. Very effective. 2 inch caliper, **each, $4.00;** 3 inch, **each, $5.00.**

OAK-LEAVED MOUNTAIN ASH. A remarkably fine lawn tree with oak-shaped leaves; also suitable for entrance to garden.
Specimen pyramidal trees, 10 ft. high, with 2 to 3 ft. clear stem
2½ inch caliper, **each, $2.50;** 3 inch, **$3.50.**

WEEPING EUROPEAN MOUNTAIN ASH. A beautiful variety of rapid growth and decidedly pendulous and trailing habit. One of the most desirable lawn trees.
2-year heads, **each, $1.50; per doz., $12.00.**
4-year heads, **each, $2.00; 6 for $10.00.**

POPLAR.

As a class the Poplars grow fast, cost little and are quickly effective.

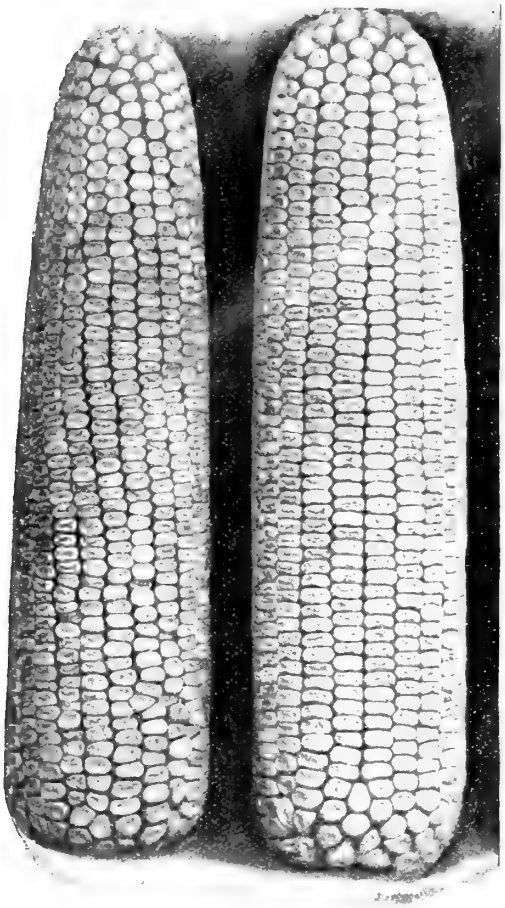
CAROLINA POPLAR. Of rapid growth. Very desirable where quick shade is wanted.
1½ inch caliper, **each, $1.25; 3 for $3.50; doz., $12.00.**
3 inch caliper, **each, $3.50.**
4 inch caliper **each, $5.00 and $6.00, according to shape.**

LOMBARDY POPLAR. Of upright compact habit, very distinct.
2½ inch caliper, **each, $3.00.**
Fine specimens, 3 inch caliper, **each, $5.00;** 3½ inch caliper, **each, $6.00.**
2¾ to 3 inch caliper, **each, $3.00, $4.00, $5.00 and $6.00, according to size and shape.**

PLATANUS. (Plane.)

P. OCCIDENTALIS. A favorite avenue tree; it forms a large spreading tree. Recommended when a fast growing tree is wanted.
7 ft. trees, **each, $1.25.**

VAUGHAN'S PEDIGREE SEED CORN



Leaming *Reid's Yellow Dent*

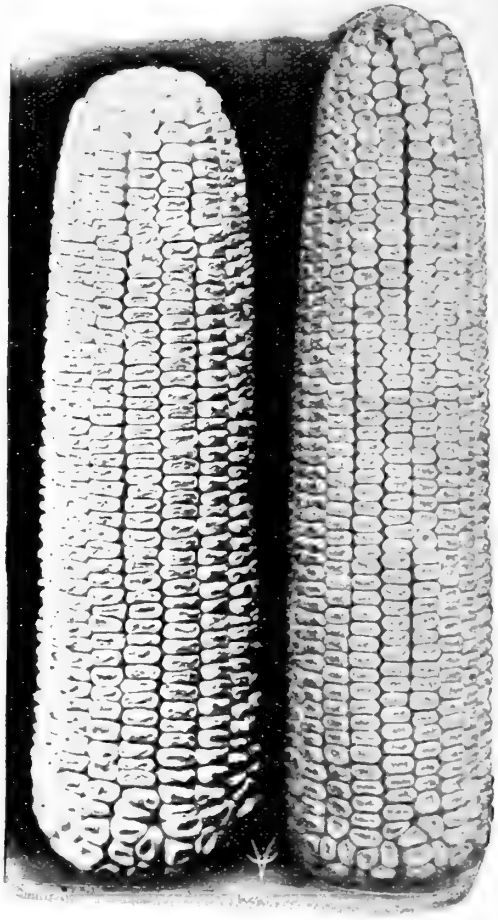
Vaughan's Pedigree Seed Corn is grown by experienced breeders and growers in many different sections of the country. As plastic as corn is, the various kinds do best only in their own chosen localities. No one section, though growing many varieties, could furnish a wide-spreading territory. Southern Corn will often not mature in the North—Northern Corn will increase in size and take a longer growth in the South. If you want a certain crop the current year choose a variety of your latitude, grown on your Isothermal line. Note the localities where our corns are grown.

Our corn is tested monthly in season and any of unsatisfactory germination is at once discarded. We advise ordering early so each grower may test his corn for himself before planting.

REID'S YELLOW DENT,

Pedigreed Stock.

The standard Yellow Dent Corn for Northern Central Illinois, Northern Iowa and like climates in Indiana and Ohio. Brought to Illinois in 1846 from Ohio. Fifty years of careful selection has resulted in remarkable evenness in appearance of ears. It is more accurately described as follows: Ear 9 to 10 inches long, very slowly tapering; about 7 inches around; 18 to 24 rows, with narrow space between; kernels light yellow. Our strain is slightly rough, tapering very slightly; cob medium. Matures under favorable conditions in 110 to 115 days. Much planted in Northern Illinois and Southern Wisconsin, but always at the risk of not maturing. Our breeder has won first prizes in competition with the best growers at the Springfield State Fair and National Corn Show. Grown in Central Illinois. Our crates of selected ears cannot be beaten anywhere. **Selected ears, bushel crate, $3.00; three for $8.25. Shelled Corn, selected, tipped and butted, ½ peck, 35c; peck, 60c; bu., $2.00; 4 bu. lots, $7.25; 10 bu. lots, $17.50. Postpaid, large pkt., 10c; pint, 20c; quart, 30c.**



Iowa Silver Mine *Boone County White*

BOONE COUNTY WHITE, Pedigreed Stock. This is the best type of White Dent Corn for the Central Corn belts—such as Central and Southern Illinois and South Central Iowa. At the Springfield Fair this corn is always a winner in the White classes. The corn has been bred for very large ears and consequently matures rather slowly—about one hundred and twenty days of good weather. Tips do not fill as well as some varieties; however, our strain has been selected to improve this fault, as can readily be determined by the ears in our crates. The ear tapers slowly, length usually 10 inches; circumference, 7½ inches; 16 to 22 rows, medium space between; the kernels are broad and somewhat rough; the cob is white and of medium size. Our strain has won many prizes—grown in Central Illinois. **Selected ears, per crate, $3.00; 3 bu., $8.25.**

SHELLED CORN—Selected, tipped and butted, ½ peck, 35c; peck, 60c; bu., $2.00; 4 bu. lots, $7.25; 10 bu. lots, $17.50. Postpaid, large pkt., 10c; pint, 20c; quart, 30c.

LEAMING IMPROVED. (See illustration.) Probably planted over a greater area of country than any other sort on account of its great adaptability. Ripens in 100 to 110 days under favorable conditions in central corn belts. The ear is tapering, length 10 inches, circumference, 7 inches; kernels smooth and firm on the cob; 18 to 20 rows, with medium spaces between; well filled and rounded tips and butts; kernels yellow and wedge shaped; cob red, of medium size. The stalks are of good size and in New York and New England used a great deal for ensilage. Our seed is grown from prize stock in the central corn belt. **Shelled, selected, tipped and butted, price, peck, 60c; bu., $2.00; 4 bu. lots, $7.25. Postpaid, large pkt., 10c; pint, 20c; quart, 30c.**

GOLD MINE. A Yellow Dent similar in its general characteristics to the Silver Mine. Average about half an inch shorter than Silver Mine and two rows less. The kernels are rough and deep. Cob small. In certain sections of North Central Illinois and Iowa as far north as Cedar Rapids, parts of Kansas and Nebraska—a standard sort. This variety has not been as carefully bred as some sorts; however, it has good points. A 110 day corn. Our seed is carefully selected, grown by a noted breeder in the West Central Corn section, a specialist on this excellent variety. **Shelled, selected, tipped and butted, price, peck, 55c; bu., $1.75; 4 bu. lots, $6.50. Postpaid, pkt., 10c; pint, 20c; quart, 30c.**

IMPROVED CALICO. This is a good feeders' corn—the ears are of good size, usually nine to ten inches; the color of the corn varies a great deal from dapple yellow to a deep red. The ears taper slowly, 7 to 7½ inches around; about 20 rows, medium spaces; cob fair size and red. Suitable only in a central corn belt, requiring 110 to 115 days to mature. Height is medium, with abundant foliage, making it desirable for ensilage. Our corn is a good strain, raised in the best central corn section. **Shelled, selected, tipped and butted, price, ½ peck 35c; peck, 60c; bu., $2.00; 4 bu., $7.25. Postpaid, pkt., 10c; pint, 25c; quart, 35c.**

SILVER MINE. (See illustration.) One of the very best yielding White Dent Corns. Matures in North Central Illinois and in Iowa as far north as Dubuque. Originated in Ford county, Illinois, and introduced in Iowa. Creamy white in color, cylindrical shape, tapering only a little at the tip; 18 to 20 rows; length 9 inches; circumference, 7¼ inches; kernels rough and deep, a little space between rows; cob small and white. A fine shelling and high yielding variety. In good corn weather ripens in 110 days. Our seed is grown by one of the most famous Iowa breeders. Shelled only—however, every ear selected and tipped and butted. **Peck, 60c; bu., $2.00; 4 bu., $7.25. Postpaid, pkt., 10c; pint, 20c; quart, 30c.**

HICKORY KING. The most famous White Corn for Southern States. The tapering ears run very large. The general conformity of the ear varies greatly, as this corn has been bred for small cobs and large kernels, making a corn that cannot be surpassed in shelling qualities. The corn requires a rich soil and a shade better than 120 days to mature. The foliage is abundant, usually two ears to a stalk, and very few barren stalks. Especially easy to husk. Our corn is grown in Northern Missouri by a most careful breeder. **Shelled, peck, 55c; bu., $1.75; 4 bu., $6.50. Pkt., 10c; pint, 20c; quart, 35c, postpaid.**

POP CORN.

Selected Ears for Seed.

Price of any kind of Pop Corn, postpaid, pkt., 5c; ½ lb., 12c; lb., 20c. Not prepaid, lb., 12c; 5 lbs., 40c; 10 lbs., 65c; 25 lbs., $1.40; 100 lbs., $5.00.

ILLINOIS SNOWBALL. An improved variety, very prolific; is best Pop Corn for home use.

WHITE RICE. The most popular for general use. The grain is pointed, pops white, is full.

MAPLEDALE PROLIFIC. A great yielder. It pops pure white.

QUEEN'S GOLDEN. It pops perfectly white, and a single kernel will expand nearly one inch.

We sell full bushels only in crates.

(Write for free copy of Vaughan's Corn Belt Map (1885) showing where these and other corns will mature.)

THE ABOVE PRICES ARE AS LOW AS WELL BRED, SELECTED SEED CORN CAN BE OFFERED.

Northern Grown Seed Corn.

On this page are listed the purest bred varieties of Northern grown seed corn to be found. They were grown and matured in Dakota, Wisconsin, Minnesota, Michigan, Central Ohio and Northern Nebraska. They begin with the very earliest Flint (Jehu), include the earliest Dent (Sunshine), early Dents and conclude with the medium season Golden Surprise. All are well bred to type and are the heaviest yielders for their respective sections.

Farmers have found out by costly experience that a so-called 90-day corn in Southern localities requires 110 days to mature in the North. Beware of the so-called 70-80 day varieties. Farmers should plant no seed corn grown over fifty miles south of their locality.

A fine drying season, this year has given us corn of high germination for seed. The drought through the summer, however, has prevented large, typical ears. Corn should be ordered early so the seed may be tested before planting.

MADISON YELLOW DENT. See illustration. This corn is, we believe, the best Corn ever introduced for the vicinity of Chicago, Northwestern Indiana, Wisconsin and Michigan. Matures in 100 days of ordinary corn weather, and is a wonderful yielder. The ear is a little smaller than Reid's Yellow Dent, but much resembles it otherwise. Ears 8½ inches long, 16 rows, dark red cob. As near a pure bred corn as can be found in any Northern Corn Belts. It has yielded well and in nearly every case better than all local corns wherever we have sold it in above sections in 1907-1908. It is the most even and handsome appearing early Dent Corn. Our seed is grown on our own farm in central Michigan. We offer ears in 1 bushel crates or shelled. **Prices of ear corn, bu., $3.00; 3 bu., $8.25. Shelled, from selected ears, ½ pk., 35c; pk., 60c; bu., $2.00; 2 bu., $3.75. Postpaid, pkt., 10c; pt., 25c; qt., 40c.**

MADISON YELLOW DENT.

MINNESOTA No. 13, or WISCONSIN No. 8. A heavy yielding, extremely early Yellow Dent. Matures in 90 days of Corn Weather. Furnishes a good amount of fodder, 8 ft. on good soil. Ears medium, 8 inches, 16 rowed and tapering. The kernels show a good Dent type and are of good depth. Central Michigan grown, shelled, from selected ears. **Price, ½ peck, 35c; peck, 60c; bu., $2.00; postpaid, pkt., 10c; pint, 25c; quart, 40c.**

SILVER KING, or WISCONSIN No. 7. See illustration. Matures in 100 to 105 days. Introduced the last two years by Prof. Moore, of the Wisconsin Experiment Station. Of good cylindrical shape. Ears 8 inches, usually 14 rowed. The kernels are deep set, just thick enough that rapid ripening is not checked. Excellent for Southern and Central Wisconsin, Northern Illinois, Southern and Central Michigan. **Wisconsin seed. Price, on the ear, bu. crates, $3.00; shelled, from selected ears, ½ peck, 35c; peck, 60c; bu., $2.00; postpaid, pkt., 10c; pint, 25c; qt., 40c.**

PRIDE OF THE NORTH. Well known early yellow Dent. Will ripen in Northern Illinois and Iowa. Will mature in 90 to 95 days of good even weather. Type varies. Grown in Northeastern Nebraska. **Price, shelled, peck, 50c; per bu., $1.70; 2 bu., $3.25, including bags; postpaid, pkt., 10c; pint, 25c; qt., 40c.**

NORTH STAR. An early Yellow Dent which has been carefully selected for thirty years, catalogued and sold by Vaughan's Seed Store for more than twenty years. Sixteen rows, deep grain, small red cob, the most valuable Dent Corn, suitable for Corn Belt in the latitude of Southern Minnesota and Middle Wisconsin. Our seed is grown this season in the vicinity of Baraboo, Wis., and is safe for planting in such corn belts and south of there. **Price, shelled, from selected ears, tipped and butted, peck, 65c; bu., $2.25; 4 bu., $8.50.**

PICKETT YELLOW DENT. A small Reid's Yellow Dent, bred in Michigan. Michigan seed raised from the first prize Michigan corn at last year's National Corn Show. **½ peck, 40c; peck, 75c; bu., $2.50.**

THE "CHAPMAN" CORN. An early, pale yellow, deep grained, superior shelling, light-capped Dent corn, bred by the Chapman family, first in Northern Ohio, beginning in 1818, and after 1845 in Michigan, where its high reputation is well known. A certain maturing, high yielding corn for Northern Illinois, Indiana to Central Michigan and Wisconsin. Michigan seed from H. S. Chapman, Cassopolis. Similar in shape and size to Madison Yellow Dent. (See illustration.) **½ peck, 40c; peck, 75c; bu., $2.50.**

GOLDEN SURPRISE. Remarkable for its small cob and high shelling qualities. Central Ohio seed. Recommended for localities south of line drawn from Cleveland to Peoria. **Price, ½ peck, 35c; peck, 60c; bu., $2.00; 2 bu., $3.75.**

DAKOTA SUNSHINE DENT. Matures in better than ninety days. Short growth with 7-inch ears. The kernels are quite hard, dented, yellow tinged with red in color. Red cob of medium size. Yields well if planted closely. Stands much closer planting than other corns. Good for a late planting in Northern Illinois, Central Wisconsin and Michigan. **Dakota grown, shelled, ½ peck, 40c; peck, 75c; bu., $2.50. Postpaid, pkt., 10c; pint, 25c; qt., 40c.**

FLINT VARIETIES.

RHODE ISLAND WHITE CAP FLINT. This is the White Flint variety used in New England for hominy and hulled corn; for table quality, flavor and sweetness it is the best variety of Indian Corn. Its ample foliage makes it desirable for ensilage and fodder. **Price, shelled, pkt., 10c; pint, 25c; quart, 35c; peck, 55c; bu., $1.85.**

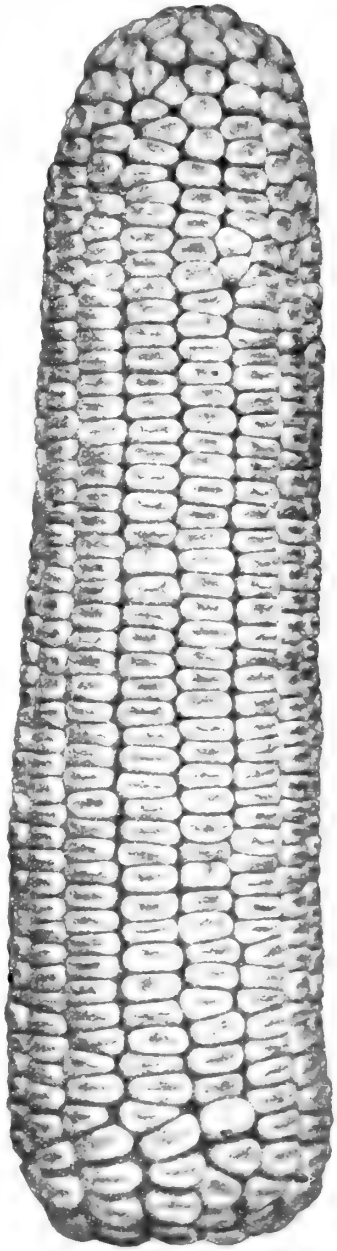
GIANT LONG FLINT. A tawny and smoky white variety, one of the best for ensilage and fodder because of its suckering habit and breadth of blade. **Price, ½ peck, 35c; peck, 60c; bu., $2.00; 2 bu., $3.75. Postpaid, large pkt., 10c; pint, 25c; quart, 35c.**

GOLDEN DEWDROP. A handsome bright, yellow, 8-rowed Flint. **Price, shelled, large pkt., 10c; pint, 25c; quart, 35c, postpaid. Peck, 60c; bu., $2.00; 2 bu., $3.75.**

KING PHILIP. Reddish Flint. **Price, shelled, pkt., 10c; pint, 25c; quart, 35c, postpaid. Peck, 60c; bu., $2.00.**

WILL'S JEHU 70-DAY. This is probably the earliest valpable Yellow Corn we have. It has won first premium in Dakota for the best Yellow for that climate. **Pkt., 10c; pint, 25c; quart, 40c, postpaid. By express, ½ peck, 45c; peck, 75c; bu., $2.50; 2 bu., $4.75.**

LONGFELLOW FLINT. A beautiful 8-rowed Yellow Flint. Ears from 10 to 15 inches long; very prolific. **Price, shelled, large pkt., 10c; pint, 25c; quart, 35c, postpaid. Peck, 65c; bu., $2.25.**



SILVER KING.

FODDER CORN.

Bags 25c each on Bushel Lots and Over.

SWEET FODDER. There is nothing better for Summer and Fall green feed or for curing for Winter than Sweet Corn; being sweet and palatable, cattle eat every part of the stalks and leaves. Always a great favorite with dairy and excellent for soiling. Can be planted as other corn or sown thickly in drills, or broadcast. [illegible] per acre in drills; 1 to 1½ bushels broadcast. **Peck, 75c; bu., $2.50; 2 bu., $4.75.**

Virginia Mammoth White Horse Tooth. Well known everywhere. **Peck, 45c; bu., $1.35; 5 bu., $6.35**

"Red Cobb" Ensilage, or Fodder. This selection has a great reputation for this purpose. It [illegible] cob, strong, leafy stalks and short joints. Adapted to al[illegible] country and a general favorite with thousands of dairy farmers. **Peck, 40c; bu., $1.15; 5 bu., $5.35.**

ADD 20c PER BUSHEL TO ABOVE PRICES IF ORDERED FROM NEW YORK STORE.

VAUGHAN'S FARM SEED DEPARTMENT.

Under this head we list standard varieties of farm and field seeds, and also such new things as have been thoroughly tried.

All of our seeds are carefully recleaned, and from most reliable sources and growers.

Prices:—The market on this class of seeds is changing constantly, and prices quoted below are subject at all times to market fluctuations. On account of our situation in Chicago and New York, two great trade centers, we can buy and sell as cheaply as any house in the United States. Where our prices seem high, write for the latest market quotation.

SEED BARLEY.

ODERBRUCKER BARLEY. Introduced through Prof. R. A. Moore of the Wisconsin Agricultural College. It is now regarded as the best barley for localities similar to Wisconsin. It is a heavy-strawed, six-row, bearded barley, and an immense yielder. It differs from Mandscheuri in stiffness of straw, rust resistance and yield, being larger grained and better feeding value of grain than that variety. On account of high protein content, Oderbrucker Barley, for feed, surpasses any other variety. Our seed is a fine sample, carefully grown, and recleaned, Wisconsin grown. Sample will be sent free on application. **Peck, 40c; bushel, $1.30; 10 bushels, $12.00. Two-bushel grain bags, 22c extra.**

MANDSCHEURI BARLEY. The standard, six-row variety generally recognized as the most reliable yielding sort. The heads are plump and long. We have a nice, clean, bright and heavy sample of the improved strain. **Peck, 40c; bushel, $1.30; 10 bushels, $12.00. Two-bushel grain sacks, 22c each extra.**

SUCCESS, OR BEARDLESS BARLEY. An extremely hardy and early six-row sort. It is beardless, making it very easy to handle, and allowing stock feeding of the straw without danger of injury to the animals. The ear compares very favorably with the beardless sorts. **Peck, 45c; bushel, $1.50; 10 bushels, $14.00. Two bushel grain sacks, 22c each extra.**

WHITE HULLESS. A barley with a grain like that of Wheat. In feeding value, almost equal to wheat, while the yield is nearly twice as large. Especially good feed for hogs. Our seed is Northwestern grown, fine, bright and remarkably free from hulls. This variety never runs entirely true. **Peck, 50c; bushel, $1.60; 10 bushels, $15.00. Two-bushel grain bags, 22c each extra.**

AUSTRALIAN SALT BUSH. A forage plant for arid or alkali lands. The plant after three seasons seems to neutralize the soil so other plants will grow. One pound to the acre. Sow in garden bed, and transplant 7 feet apart. **½ oz., 10c; 1 oz., 20c; ¼ lb., 50c; lb., $1.40, postpaid.**

NEW VELVET BEAN. A very heavy yielding Legume belonging to the Soja and Cow Pea class. The most rampant growing of all these sorts. Very popular in the South—and of value in the North for a cover crop. **Price, 3 oz. pkt., 10c; ½ lb., 20c; lb., 30c, postpaid. By freight or express, ½ peck, 50c; peck, 90c; bu., $3.50; bags included.**

GIANT BEGGAR WEED. (Florida Forage Plant.) Belongs to the Legume or Pea family. Grows upright. A fine fodder plant and a great enricher of nitrogen when plowed under on light sandy soils. Cut for hay when first blooms. Ten pounds to the acre. **Price, per pkt., 10c; ½ lb., 35c; 1 lb., 60c, prepaid. By express or freight, 5 lbs., $2.25; 10 lbs., $4.00.**

BIRD SEED.

We have facilities for supplying fancy, clean and reliable Bird Seeds and Bird Foods; the best only, re-cleaned and dust blown out. The highest grade seed only, of every kind, is used in Vaughan's Mixture. If seed is ordered to go by mail, add **10c** per pound.

BIRD SEED, VAUGHAN'S MIXED. Lb., 10c; 5 lbs., 40c; 10 lbs., 75c.
BLUE MAW (Poppy). Per lb., 20c; 5 lbs., 80c.
CANARY SEED. Per lb., 10c; 5 lbs., 40c; 10 lbs., 75c.
CUTTLEFISH BONE. Per lb., 30c.
HEMP. Per lb., 10c; 5 lbs., 35c; 10 lbs., 65c.
LETTUCE. Per ¼ lb., 10c; lb., 25c; 5 lbs., $1.00.
MILLET, RECLEANED. Per lb., 6c; 10 lbs., 50c.
MOCKING BIRD FOOD. Per lb., tin, 35c.
RAPE. Per lb., 10c; 5 lbs., 45c; 10 lbs., 80c.
SUNFLOWER. Per lb., 10c; 5 lbs., 40c; 10 lbs., 75c.

COTTON. *25 lbs. per acre.*

MEDIUM BOLL. We have fine seed of this type of cotton, from a careful Georgia grower. One of the best for the South Atlantic region. **Per lb., 15c; postpaid. Peck, 75c; bushel (40 lbs.), $1.50.**

LARGE BOLL. Selected Georgia Seed. **Lb., 15c, postpaid. Peck, 65c; bushel (40 lbs.), $1.50.**

PRINCIPAL GRAIN AND GRASSES OF THE CENTRAL STATES.

SOJA OR SOY BEANS.

A valuable legume somewhat on the order of cow peas. The dry beans and green forage furnish good feed, being high in protein; and, also like Clover, a nitrogen gatherer, enriching the soil. Used as hay when cut before the pods are fully developed. Also often grown with corn, and used in silos.

The beans are sown after all danger of frost, in drills 30 inches apart, and 3 or 4 inches apart in the row. One-half bushel is usually needed per acre.

MEDIUM GREEN. Michigan Grown seed. Matures in about one hundred days. Foliage abundant, upright habit. **Price, 3 oz. pkt., 10c; ½ lb., 20c; lb., 30c, postpaid. ½ peck, 50c; peck, 90c; bushel, $3.50.**

SOUTHERN GROWN SOY BEANS. (Write for latest prices.) **½ peck, 40c; peck, 75c; bushel, $2.50.**

COW PEAS.

COW PEAS. *The Great Soil Improver.*

More and more Cow Peas are planted every year as the farmer realizes more and more their great value as a soil enricher. The plant is a legume, and through the agency of the nitrogen producing bacteria on its roots adds this valuable plant food to the soil much cheaper than it is possible to obtain it in any other way. Cow Peas also make excellent hay; should be cut and cured the same as Clover; then the stubble with its new growth may be turned under as a fertilizer. Kaffir corn sown with Cow Peas holds the vines off the ground, causing a better growth.

For those in the North who have had poor success with Cow Peas, we suggest the plant must have a warm, almost sandy soil. Where never grown before, the best results may be had in drilling the seed and cultivating at first as for field beans—the growth being quite slow at first; weeds get the best of things unless kept down. Inoculating the soil with Cow Peas bacteria is also valuable.

NORTHERN GROWN COW PEA: *Michigan Favorite.*

A true early type so long sought. The best for Northern planting, as it is ripens as far north as Central Michigan and Wisconsin. **Peck, 90c; bushel, $3.25.**

SOUTHERN BLACK EYE. **Peck, 80c; bushel, $3.25.**

WHIP-POOR-WILL. **Peck, 75c; bushel, $2.50.**

Cow Peas, 35c per quart, postpaid.

Market price unsettled. Write us for latest quotations.

Write for market price on quantity of any of the above.

CHUFUS, or EARTH ALMONDS Used to fatten hogs. The nuts grow under the ground very near the surface, easily reached by pigs or poultry, and destroyed by them if they have free access. Plant in April, in rows 3 feet apart, and 8 to 10 inches apart in the row. If seed is dry, soak before planting. Sow 15 lbs. of seed per acre. **Pkt., 10c; lb., 30c, postpaid. By express, lb., 20c; 10 lbs., $1.50; 100 lbs., $12.00.**

Vaughan's FARM SEED DEPARTMENT.

BROOM CORN.

IMPROVED EVERGREEN. (The standard variety most planted.) Ripens early. Brush of good length. Does not turn red in field before it is cut. 3 lbs. to acre. **Lb., 15c., postpaid; by express or freight, 10 lbs. 45c; 50 lbs., $1.80; 100 lbs., $3.50.**

OKLAHOMA DWARF. An extra early sort. Average height 5 ft. **Lb., 20c, postpaid; 10 lbs., 40c; 50 lbs., $1.85; 100 lbs., $3.50.**

BUCKWHEAT.

Market prices change. Write for quantity and price.

JAPANESE. A popular and standard sort. Very large grains of dark brown color. Early. Choice, recleaned seed. **Peck, 40c; bu., 48 lbs., $1.35; 2 bu., or over, $1.20 per bu;** bags included.

SILVER HULL. A very prolific and favorite sort. Grain light gray. A fine seller. Choice seeds. Price the same as Japanese.

Swedish Select Oats.

SEED OATS.

NOTE—The Oat prices quoted here include burlap bags. If wanted in grain bags add 25 cents for each 2½ bushel order.

SWEDISH SELECT OATS. *The best early oat.*

This Oat, whose introduction to popularity is largely due to Prof. Moore of the Wisconsin Agricultural College, is today the most largely planted of all varieties in the Northern Central States. Briefly described, the oat is pure white in color, the hull is thin and the kernal large and plump; straw is stiff and strong enough to withstand lodging. A remarkable root development makes the Swedish Oat a good drought resister, a special feature on light soil. Season medium early, and the earliest of the heavy yielding sorts. **Peck, 35c; bu., $1.25; 10 bu., $11.50; 2½ bu. bags included.**

LINCOLN OATS.

This is a western favorite, popular with Wisconsin and Minnesota farmers, a good strong grower; grain has a thin hull, heavy meat and soft nib, making it valuable for grinding as well as feeding. Minnesota seed, **peck, 35c; bu., $1.15; 10 bu., $10.50, burlap bag included.**

BLACK TARTARIAN OATS.

The darkest of the Black Oats and one which seldom lodges; a hardy variety, good grower, heavy and prolific. We offer heavy Canadian grown seed, **peck, 40c; bu., $1.50; 3 bu.** (in grain bag), **$4.50, bags included.**

WHITE TARTAR OATS, (Long's.)

This early sort of recent introduction has made excellent records in Eastern States, yielding as high as 100 bushels to the acre. It is a heavy oat with a long stout straw, standing up well. This has sold well in every community where grown. New York state seed, **peck. 50c; bu., $1.40; 2½ bu., $3.40; 10 bu., $13.50, f. o. b., New York or Chicago. Burlap bags free.**

KHERSON OATS.

The most popular new Oat for rich prairie soils. A very early variety and heavy yielding, withstanding rust well; straw short, grain small and light yellow in color. Introduced by the Nebraska Experiment Station. **Peck, 35c; bu., $1.25; 2½ to 10 bu. at $1.10 per bu.**

WINTER TURF OATS.

Valuable for winter grazing and grain in the South. Its turfing and stooling qualities are remarkable, even when thinly sown soon spreads and covers the ground. Sow ½ to 2 bushel per acre. **Price, lb., 30c; 3 lbs., 70c., postpaid. Not prepaid, peck, 40c; bu., $1.50.**

MILLETS. *FANCY RECLEANED.*

These prices are at Chicago, most Millet seed being grown in the west. Write us for market prices and samples on larger lots, because the market varies often. Price includes bags.

GERMAN OR GOLDEN. Planted on good land produces a large crop of hay or forage during the summer months and leaves the ground in the finest condition for wheat. There is no larger yielding forage plant. Seed is valuable for poultry. (Bu., 50 lbs.) Sow ½ bushel to the acre. Values constantly changing. Write for prices. **Bushel, $1.65; 100 lbs., $3.25, bags included.**

HUNGARIAN GRASS. Yields heavy growth of excellent hay. When saved for hay should be cut before the seeds become hard. Can be sown as late as July. (Bu., 48 lbs.) Sow ½ bushel to the acre. Subject to market changes. Write for latest prices. **Bushel, $1.70; 100 lbs., $3.00, bags included.**

JAPANESE MILLET. Entirely distinct. It grows 6 feet, yields 10 tons green fodder per acre. When cured it makes an excellent quality of hay, and is a much relished green fodder. Cure as you would a heavy crop of Clover. It may be sown from the middle of May to the 1st of July, broadcast; at the rate of 15 lbs. per acre; but it is better to sow it in drills, 12 to 18 inches apart, using 10 to 12 lbs. per acre, and cultivate until 15 inches high, when its rapid growth will smother all weeds. **Lb., 25c., postpaid. By freight or express, 10 lbs., 75c; 50 lbs, $3.00; 100 lbs., $5.50, bags included.**

COMMON MILLET. **Price same as German.**

PEARL OR CAT-TAIL MILLET. No other plant makes so much forage. Three succession cuttings of one crop in Georgia yielded 52,416 lbs. per acre. Stools at ground; thick foliage. Can be cut when 3 feet high. Sow 5 lbs. per acre in drills 3 feet apart or broadcast at the rate of 25 lbs. per acre. **Oz., 5c; ¼ lb., 10c; lb., 25c., postpaid. By express, lb., 15c; 10 lbs., 90c; 100 lbs., $8.00, bags included.**

FARM BOOKS, By Mail, Postpaid.

See also List of Rural Books, page 151.

FARM APPLIANCES. Illustrated. Very valuable; cloth *$0.50*
FARM DRAINAGE. French's. Cloth *1.00*
FARM GARDENING AND SEED GROWING. Brill. Cloth *1.00*
FERTILITY, THE, OF THE LAND. By I. S. Roberts. Cloth; 415 pp *1.25*
FERTILIZERS. By Prof. E. B. Voorhees. Cloth; 335 pages *1.25*

CANADA FIELD PEAS.

Very valuable in the Northern States for cattle feeding. Excellent for horses and pigs when sown with oats. With the present season's high prices for oats farmers will find it very profitable to sow these peas with oats for feed. We have a splandid grade of Northern grown fancy seed. Sow broadcast and harrow in at the rate of 2 bushels per acre; if sown with oats use one bushel, **Present price** (market fluctuates), **bu., $1.75; 2 bu., $3.25; 10 bu., $16.00, includes bag.** Write for price on larger lots.

FENUGREEK. Annual. The seed is often sought by hostlers to give a temporary fire and vigor to their horses. Good for soiling. **Oz., 10c; ¼ lb., 15c; lb., 30c, postpaid.**

FLAX SEED. Sow as soon as danger of frost is over and early enough to catch the spring rains. ½ bushel to the acre is the quantity to sow for raising seed, or 1 bushel for raising fibre. **Peck, 60c; bu., $2.00, (bags included), by freight or express.**

LENTILS. A leguminous annual. Succeeds best in dry, sandy soil. Splendid pigeon food and also used for soups. **Lb., 25c, postpaid.**

LUPINS, Yellow. Succeeds well in the poorest soil, and is exceedingly valuable for ploughing under to improve sandy soils. It makes good forage, either green or as hay. The seeds are very fattening when used with hay. Sow in the spring when ground has become warm, at the rate of 90 pounds to the acre. **Lb., 25c, postpaid. By freight or express, 10 lbs., $1.20; 25 lbs., $2.50; 100 lbs., $9.00.**

VAUGHAN'S SEED POTATOES.

Have a good reputation of over twenty-five years' standing.

TRUE TO NAME. Grown by only experienced and careful men.

HAND SORTED. Free from scab, the prongy and small stock thrown out.

GROWN IN THE FAR NORTH. In the Red River Valley of Dakota insuring healthy, early and good sized tubers.

PRICES RIGHT.—Freight charges from Dakota, careful hand sorting and growing make our costs much higher than field run Wisconsin, Michigan and New York stocks. Our prices nevertheless are little, if any, higher than those asked by houses selling the poorer stock. (See pages 47, 48, 49).

FARM SEEDS AND FORAGE CROPS.

PRICES SUBJECT TO MARKET CHANGE.

KAFFIR CORN. One of the best forage plants. If the crop is wanted mainly for fodder, it is recommended to cut down the whole stalk when the first seed heads come into bloom. The second growth springing at once from the roots, will still mature (in climates similar to Central Kansas) a full crop of grain and a second full crop of forage by Oct. 15. For grain sow in rows 3 feet apart, 5 lbs. per acre. For fodder, sow three pecks broadcast. **Price per pkt., 5c; lb., 15c; 3 lbs., 40c, postpaid. By freight or express, 100 lbs., $2.10, bags included; 10 lbs., 30c; 50 lbs., $1.20.**

JERUSALEM CORN. The best and surest grain crop for dry countries and seasons. 3 feet high. Make one large head on main shoot and several small heads on side shoots. Sow 3 to 5 lbs. per acre. **Pkt., 5c; ½ lb., 15c; lb., 25c, prepaid. By freight or express, 10 lbs., 80c; 50 lbs., $2.75; 100 lbs., $4.50, bags included.**

MILO MAIZE. A variety of sorghum, non-saccharine, growing stalks 8 to 10 feet high. It bears dry weather and makes its crops where corn would wholly fail. Plant in 3-foot rows and cultivate as corn; 3 to 5 lbs. per acre. **Lb., 20c, postpaid. By freight or express, 10 lbs., 50c; 50 lbs., $1.60; 100 lbs., $3.00.**

SUGAR CANE.—Vaughan's Early Amber.

Our customers appreciate what we have so often said of the value of Amber Cane for a green fodder crop. We think it the best green food that can be grown for feeding cows, horses and young stock during the dry spells which we have every August and September. Even fodder corn does not produce so rich and rank a growth of good feed for so little money as Sugar Cane. You can get a lot of feed from ½ acre on a little more than $1.00 invested for seed. Northern Seed—Sow 60 lbs. to the acre. **¼ lb., 10c; lb., 20c, postpaid. By freight or express, 10 lbs., 40c; 50 lbs., $1.85; 100 lbs., $3.50.** Southern Seed—For Fodder Purposes—**10 lbs., 40c; 50 lbs., $1.60; 100 lbs., $3.00.**

VAUGHAN'S GRASSES AND CLOVERS.

We handle choice seed only of the standard Grasses, Clovers and Alfalfa. We invite careful microscopic analysis and comparison of samples. Our central locations in the Western Central Market enables us to buy at the lowest first hand prices nearly all of these grasses and clovers which are usually sown. We only try to meet competition on a Quality basis.

PEANUTS.

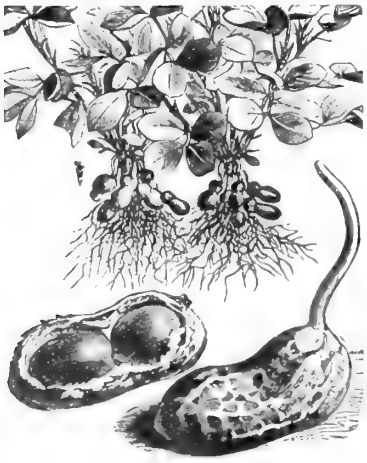
SPANISH. The earliest variety grown; pods are small, but remarkably solid and well filled. Interesting for children. Sow in drills 3 feet apart, placing the nuts 8 to 10 inches apart to allow for the bushy habit of the plants. **Pkt., 10c; ¼ lb., 12c; lb., 30c, postpaid. By express, lb., 20c; 5 lbs., 75c.**

MAMMOTH VIRGINIA. The most profitable variety to grow as a market crop, though not so early as Spanish, more easily cultivated; very erect stems and upright foliage with large pods and kernels. Sow in drills 4 feet apart, placing the nuts 6 inches apart. **Pkt., 10c; ½ lb., 20c; lb., 30c, postpaid. By express, lb., 20c; 5 lbs., 75c.**

JUMBO, or NEW ORLEANS SPECIAL. This is the giant of the lower Mississippi Valley; surprises everybody. **Pkt., 10c; ½ lb., 25c, postpaid.**

SAINFOIN, or ESPARSETTE. An excellent perennial Fodder Plant, growing about 3 feet high, flowering in June and July. It is adapted for light, chalky soils, being an enriching, heat-resisting Clover; does well in Southern and Western States. May be sown in drills or broadcast. Sow 25 lbs. per acre broadcast; 12 to 15 lbs. in drills. **Lb., 25c, postpaid. By freight or express, 10 lbs., $1.20; 50 lbs., $4.50; 100 lbs., $8.50.**

VAUGHAN'S EARLY AMBER SUGAR CANE.



SPANISH PEANUTS.

GIANT SPURRY. An annual plant extensively cultivated in Europe as a winter pasture for cattle and sheep; grows well on poor, dry, sandy soil; an excellent fertilizer for light soil and valuable for forage. Sow 12 lbs. per acre. **Price, per lb., 25c; 3 lbs., 65c, postpaid. Express, 5 lbs., 60c; 10 lbs., $1.00.**

MAMMOTH RUSSIAN SUNFLOWER.

The Giant of All Sunflowers.

The best variety for the farmer. Growing to double the size of the common, and the yield of seed is **twice as great.** It is highly recommended for poultry; the best egg-producing food known; the leaves make splendid fodder, much relished by all kinds of stock. The seed is good feed for horses, and yields a fine quality oil. **Oz., 5c; lb., 10c (postpaid, 20c); 10 lbs., 75c; 25 lbs., $1.50; 100 lbs., $5.25.**

TEOSINTE.

A valuable continuous cutting forage plant for Southern and Southwestern states, furnishing a most nutritious food green or dry for horses and cattle. It resembles Indian corn, the leaves being larger and the sap sweeter. It stools out enormously; cutting improves it. Sow in May or June in drills 3½ to 4 feet; 2 to 3 lbs. per acre. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c, postpaid.**

DWARF ESSEX RAPE.

WINTER VETCH.

The Ideal Sheep Feeder is easily grown and perfectly hardy, and possesses remarkable fattening properties. One acre will pasture 36 head of sheep two months, and lambs will make a gain of 8 to 12 pounds a month. **Pigs and cattle are also very fond of it.** The plant is a rank grower and should have heavy manuring as well as high cultivation. Any corn soil will grow Rape. Sow the seed by the end of June, and the crop can be ready to feed **at a season when it is most needed.** It does well sown with oats. After oats are cut the Rape grows rapidly. If the soil is rich and clean, sow broadcast; if not so clean, sow in drills and cultivate as for corn. When sown broadcast use 5 lbs., and if in drills, 2 lbs. to the acre. **True Dwarf Essex Rape,** our own importation. **Price, pkt., 10c; ¼ lb., 15c; lb., 25c, postpaid. By freight or express, 10 lbs., 80c; 25 lbs., $1.75; 50 lbs., $3.25; 100 lbs., $6.00, bags included.**

SAND, HAIRY OR WINTER VETCH.

The Winter Cover Crop.

VICIA VILLOSA. This is a hardy legume growing somewhat similar to a pea; sown in the Northern states in the Fall months; growing well that season, and remaining green all winter. It supplies a place in the North that the less hardy crimson clover does in the South. As a Winter cover crop, it prevents washing or leaching of soil during the Winter, and at the same time being a nitrogen gatherer, enriches the soil. Vetch also furnishes a very valuable hay or pasture. The plant is now being much used by Northern fruit growers who plant Vetch in the fall, and plow under in the Spring, thus adding both nitrogen and humus to the soil.

Drill for cover crop, 10 to 20 lbs. per acre. For hay use, 1 bushel. **Price, lb., 25c, postpaid. Bu., 60 lbs., $4.50; 100 lbs., $7.00.** Write for latest prices in fall.

SPRING VETCH, or TARES.

(Vicia Sativa—Oregon Vetch.) Sown broadcast at rate of 1 to 1½ bushels to the acre, like wheat or barley, and sometimes mixed with oats for soiling. Valuable for orchards. Used in France and Canada as a substitute for peas. Also ground up into flour, after which it is mixed with wheat flour for making bread. Culture, same as field peas. **Per qt., 20c; pk., 85c; bu., $3.00. Bags, 20c each, extra.**

WHEAT—SPRING.

Subject to market fluctuations. Write for prices. **2 bu. grain bags, 25c.**

BLUE STEM. A heavy yielding variety, very popular in the Northwest. Heads are large and well filled. Plants stool freely. Our seed is carefully selected. **Price, pk., 50c; bu., $1.75; 5 bu., $8.50.**

SASKATCHEWAN FIFE. A very hardy and productive red variety. Makes the famous Northwest No. 1 milling wheat. **Price, peck, 50c; bu., $1.65; 5 bu., $7.50.**

MACARONI WHEAT. We have true and carefully selected stock of this now famous introduction of the U. S. Dept. of Agriculture. Best for dry districts. **Price, pk., 50c; bu., $1.65.**

SPELTZ, or EMMER WHEAT.

A grain for dry lands, introduced from Russia. This is a remarkable grain, and should receive the attention of all farmers. It is a species of drought-resisting wheat, and not inclined to rust. Can be sown in the Fall, or early in Spring like oats, being hardy, and will produce a fair crop under almost any condition of climate. It grows best in dry prairie regions with hot summers, thus giving excellent results. Thrives on poor land or stony ground. The Experiment Stations of both the Dakotas report that it resists drought better than oats or barley. All animals eat it green greedily, and are fond of the straw. Grain yield is considerably better than oats or barley, and is a fine feed for horses, cattle or hogs. Drill the seed in 1½ to 3 bushels per acre. Minnesota seed. **Price, lb., 20c; 3 lbs., 50c, postpaid; bu., 40 lbs., $1.25; 5 bu., at $1.15 per bu., bags included.**

SPRING RYE. A good catch-crop, as it may be sown later than most grains. Not so good a yielder as Winter Rye. **Price, peck, 50c; bu., $1.75.**

VEGETABLE PLANTS.

Prices do not include prepayment by mail. If wanted by mail, add 6c per doz.; 12c per 50; 20c per 100.

Cabbage. Ready about April 20th. We can supply the following varieties: Early Jersey Wakefield, Danish Summer Ballhead, All Head, Late Flat Dutch, All Seasons, Iron Head Savoy and Mammoth Rock Red.

Cauliflower. Ready April 20th. The following varieties: Vaughan's New, Snowball and Extra Early Erfurt.

Tomato. Ready about May 15th. The following varieties: Acme, Dwarf Champion, Dwarf Stone, Ponderosa, New Stone, Beauty, New Globe, Dwarf Aristocrat and Yellow Plum.

Prices of above: 2-in. pot plants (sent by express only at buyer's expense), doz., 50c; per 100, $3.00.

Transplanted plants from flats, doz., 40c; 25 for 75c, postpaid. By express, 100 for $2.00; 500 for $8.00; 1,000 for $15.00.

Seedlings from the hot beds, doz., 20c; 50 for 75c; 100 for $1.25, postpaid. By express, 1,000 for $6.00.

Egg Plant. Ready about May 15th. New York Purple Improved.

Pepper. Ready about May 15th. Vaughan's Sweet Mountain, Chinese Giant, Magnum Dulce, Ruby King and Cayenne.

Prices of the above: 2-in. pot plants (by express only at buyer's expense), doz., 60c; 100 for $4.00.

Transplanted plants from flats, doz., 45c; 25 for 80c; 50 for $1.50, prepaid. By express, 100 for $2.00; 500 for $8.00; 1,000 for $15.00

Seedlings from the hot beds, doz., 25c; 50 for 80c; 100 for $1.50, postpaid.

Early Celery. Ready in June. White Plume, Golding Self Blanching and Giant Golden Heart.

Late Celery. Winter Queen and Giant Pascal.

Celeriac. Giant Prague.

Transplanted plants, doz., 20c; 50 for 50c; 100 for 75c, postpaid. By express, 250 for $1.50; 500 for $2.50; 1,000 for $4.50.

Sweet Potatoes. Ready about May 20th. Extra Early Carolina, Yellow Nansemond and Red Jersey. **Plants, 50 for 65c; 100 for $1.00. postpaid. By express, 1,000 for $4.00.**

Chives. **Clump of roots, by express, 10c; doz., $1.00. By mail, add 10c per clump.**

HERBS.

Hop Roots. Plant early. **Doz., 30c; by mail, 35c.**

Lavender Plants. Used for seasoning and perfumes. **First size, 15c each; 3 for 40c; doz., $1.25. Second size, 25c each; doz., $2.00, postpaid.**

Mint. Old Fashioned, for flavoring, sauces, etc. **One year old, 10c each; doz., $1.00. 2 years old, 20c each; doz., $2.00. Large plants, 50c each; doz., $4.00, prepaid.**

Sage. Holt's Mammoth. For seasoning and stuffing. **2 in. pot plants, each 15c; 3 for 35c; 7 for 50c; 12 plants for $1.00; by mail, postpaid.**

Tarragon Plants. For flavoring and vinegar. **First size, 15c each; doz., $1.00. Second size, 25c; doz., $2.50, postpaid.**

RHUBARB, or PIE PLANT ROOTS.

These roots planted in good soil in the early spring will make a good growth, yielding stalks for the table the following spring.

Clumps, 15c; 25, 50c and $1.00 each, according to the size. Sent by express at buyer's expense.

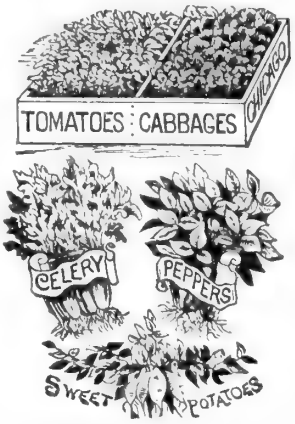
Seedlings, one year from seed, each, 10c; doz. $1.00, postpaid.

HORSE RADISH SETS.

A very profitable crop in many places. Gardeners near any good market can make big money raising this root. Good clean sets. **Price, per 50, 50c; 100, 90c, postpaid; 500, $3.00, by express.**

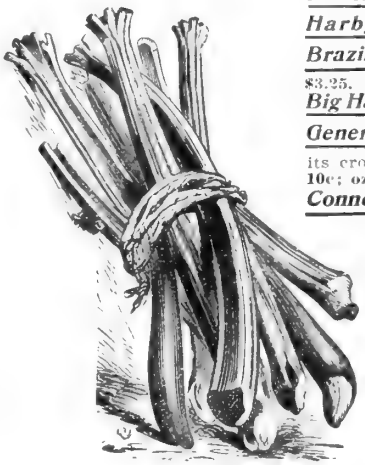
ARTICHOKE ROOTS (Jerusalem).

They are the best hog food known. Very fattening and very productive (over 1,000 bushels have been grown on one acre). Easily grown. They need not be dug, the hogs should be turned in on them. One acre will keep from 20 to 30 hogs in fine condition from October until April, except when the ground is frozen too hard for them to root. Three bushels will seed an acre. Cut and plant like potatoes. **Lb., 35c; 3 lbs., $1.00, postpaid.** By freight or express, **peck, $1.00; bu., $3.00; bbl. of 3 bu.** (enough for one acre), **$7.50;** F. O. B. Chicago. If to go from New York, add **10c per peck, 20c per bu., and 50c per bbl.** to these prices.



VAUGHAN'S VEGETABLE PLANTS.

HORSE RADISH ROOTS.



RHUBARB.

TREE SEEDS.

Evergreen seeds should be sown very early in spring, in a firm, sandy seed-bed. Give the young seedlings some shade the first summer. Apple, Pear and Locust should be mixed with sand in boxes and exposed to frost; where this cannot be done, soak in hot water for an hour before sowing. The other deciduous seeds can be sown in April or May in drills 2 ft. apart.

One-pound lots and less include postage; larger lots at buyer's expense.

	Pkt.	Oz.	¼ lb.	Lb.
Apple (10 lbs., $3.00; 100 lbs., $25.00, not prepaid)	**$0.05**	**$0.10**	**$0.15**	**$0.40**
Arbor Vitae, American	.10	.20	.65	2.50
Birch, White	.10	.20	.50	1.75
Box Elder (10 lbs., $3.50)	.05	.10	.15	.40
Catalpa Speciosa, True	.15	.35	1.00	3.50
Catalpa Teas Hybrid, Japan	.10	.15	.35	1.10
Locust, Honey (5 lbs., $1.25)	.05	.10	.15	.35
Locust, Black or White	.05	.10	.15	.35
Maple, Oregon Mammoth	.05	.10	.30	1.00
Mulberry, Russian	.10	.20	.65	2.50
Osage Orange (10 lbs., $3.75; 100 lbs., $35.00)	.05	.15	.20	.50
Pear, French	.10	.20	.60	2.00
Pine Scotch	.10	.20	.60	2.00
Spruce, Norway	.05	.15	.30	.80

SMALL FRUIT SEEDS.

These germinate slowly. Sow them early.

Strawberry, Bush Alpine. Grows in true bushy globular form with upright leaves. Can be used for borders. Fruits are perfectly true from seed. We offer both colors, red and white. Plants do not have runners. If sown early plants will bear the next year. Red or White, **per pkt., 10c; 1 pkt., of each for 15c.**

Strawberry Seed, Mixed. Of several best kinds; new hybrid seed; may produce valuable sorts. **Pkt., 15c; 2 for 25c.**

Strawberry, Belle de Meaux. **Pkt., 15c; 2 for 25c.**

Raspberry Seed. Large fruited sorts, mixed. **Pkt., 10c; oz., 20c.**

Currant, Red. **Pkt., 10c; oz., 20c.**

Currant, White. **Pkt., 10c; oz., 25c.**

Currant, Black. **Pkt., 10c; oz., 20c.**

New Everbearing Strawberry "La Perle." See Novelties.

TOBACCO SEED.

Comstock's Spanish. The favorite variety in the Wisconsin Tobacco district. **Pkt., 10c; oz., 30c; ¼ lb., $1.00; lb., $3.50.**

Primus. Yields big crops of extra fine quality. **Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., $2.50.**

Harby. A Turkish variety; stands heat and drought. **Pkt., 10c; oz., 30c; ¼ lb., $1.00; lb., $3.50.**

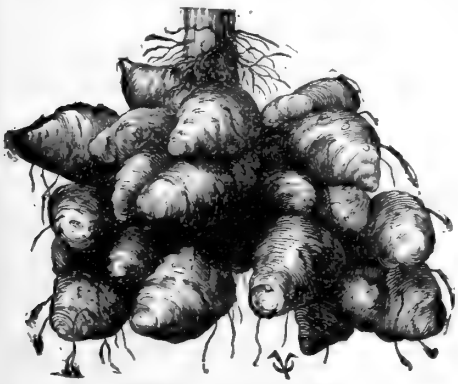
Brazilian-American. Finest Brazilian strain. **Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., $3.25.**

Big Havana. A hybrid Havana or Cuban seed leaf. **Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., $2.50.**

General Grant. It produces leaves 44 in. long, of proportionate breadth, and matures its crop perfectly as far north as Duluth, Minn. **Pkt., 10c; oz., 30c; ¼ lb., $1.00; lb., $3.50.**

Connecticut Seed Leaf. Best adapted to the climate of the Middle and Northern States, as it is hardier and endures cold better than others. **Pkt., 10c; oz., 25c; ¼ lb., $2.50.**

Big Oronoko. Has no equal for strips and dark wrappers. **Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., $2.50.**



JERUSALEM ARTICHOKE.

BUSH ALPINE STRAWBERRY.

GENERAL GRANT TOBACCO.

Vaughan's High Grade Recleaned Grass and Clover Seeds.

Our endeavor is to handle only the very best and purest grass seeds. Our fancy grasses for lawns and golf courses, as well as our standard farm species, are direct from the producers and are the very best samples the market and season afford. We supply only the best and highest germinating seed and our prices are based on supplying this quality. We cannot, therefore, nor do we wish, to compete with half-cleaned, mixed and graded seed offered at cheaper prices. **We invite analysis and mircoscopic examination.**

Prices on grass seed fluctuate like those of grain, changing daily, therefore, although we shall do our our best to maintain the prices below; **these figures are at all times subject to market changes.** Should these seem high, write for the latest quotations. Our locations, Chicago, the grass seed center of the United States, and New York, the largest importing center, put us in a position to quote the very lowest prices on the qualities we supply. Samples for the asking.

Prices below do not include postage. If desired by mail, add **8c per lb. Grain bags 25c each** extra for bushel lots or more. Unless otherwise noted, prices on this and the next two pages apply to shipments either from Chicago or New York.

RED TOP GRASS (Agrostis Vulgaris).

KENTUCKY BLUE GRASS (*Poa Pratense*).

Fancy Seed. Agriculturally this is well called the King of all Pasture Grasses. However, it is not such a general purpose grass as is Red Top. Wherever this grass does well, generally on lime soil, land there at once commands a high price, as it becomes the animal breeder's ideal location. This grass requires some time to establish itself. For a couple of years should only be lightly grazed. Time for sowing depends on the locality. There are three principal times of sowing, in the Fall, in the early Spring and again in June. Sow three bushels (14 lbs. to the bu.) per acre. This seed should never be covered, but only rolled after sowing, as the seed germinates better in the light than in the dark. Our seed this year was specially saved for us by one of the largest Kentucky growers, is almost free from foreign and chaffy matter, and our tests show a very high percentage of germination. Purchasers should beware of cheap Blue Grass, as it is sure to be light seed or else mixed with the cheaper Canadian Blue Grass.

For lawn purposes it is the standard and superior to any other sort. Under favorable soils it will withstand all variations in weather and climate.

V Brand **Fancy Seed.** **lb., 25c; 3 lbs., 55c; 5 lbs., 85c; bu. (14 lbs.), $2.25; 5 bu., $10.50.**

Kentucky Blue Grass.

RED TOP GRASS (*Agrostis Vulgaris*).

This is one of the most generally useful agricultural grasses we have. It will grow upon every soil and give entire satisfaction to the farmer. It is not only a good meadow grass, but is one of the best pasture species, grazing being a benefit and almost a necessity for its perpetuation and preservation. In a moist soil it does the best, and in swampy places that would otherwise produce nothing in the grass line, Red Top will thrive with the greatest vigor. Where other grasses demand special soils, Red Top will do well, whatever is the character or location of the soil. Not so good as Timothy for hay, but as a combination for hay and then pasture, it is the best of nearly all the economic grasses. Sow alone or with a nurse crop. One bushel of chaff, or unhulled Red Top, or one-half bushel of Fancy Seed is sufficient to sow an acre.

For lawn purposes it is one of the very best, forming a low growing turf and germinating rapidly. Seed comes in two grades—the chaff or unhulled seed, weighing 14 lbs. to the bushel, and the fancy, re-cleaned from chaff, seed, weighing 32 lbs. to the bushel. Our seed is the cream of this year's crop, has been carefully re-cleaned and is free from noxious weeds and light chaff.

V Brand **Fancy.** Bushel, 32 lbs. **Lb., 25c (by mail, 33c); 10 lbs., $2.00; 100 lbs., $18.00.**

Common. Bushel, 14 lbs. **Lb., 15c (by mail, 23c); 10 lbs., $1.20; 100 lbs., $10.00.**

AGROSTIS CANINA (*Rhode Island Bent Grass*).

A valuable lawn grass. Resembles Red Top somewhat, but has shorter and narrower leaves. Much used in the East, especially in the New England States. Makes a very fine colored, close turf and readily adapts itself to almost any soil, wherein again it is similar to Red Top. Of considerable value for permanent meadows and pastures. For lawn sow 3 to 4 bu. This seed is imported, and on account of poor crop conditions in Europe this season, is scarce. 14 lbs. to the bushel. **Lb., 30c (by mail 38c); 10 lbs., $2.75; 100 lbs., $25.00.**

AGROSTIS STOLONIFERA (*Creeping Bent Grass*).

The ideal grass for golf-putting greens. Very distinct, with long prostrate or creeping stems. Its creeping root and spreading habit form a lasting turf that withstands hard usage better than other sorts. The leaves are fine and dense growing, making it valuable for low bottom lands and especially for slightly sandy soil. Good for both hay and pasture. Our sample specially cleaned and heavy. Seed scarce. Sow 50 lbs. to the acre. 14 lbs. to the bushel. **Lb., 30c (by mail 38c); 10 lbs., $2.75; 100 lbs., $25.00.**

ALOPECURUS PRATENSIS (*Meadow Fox Tail*).

The most valuable grass for moist meadows and pastures, particularly the latter. One of the earliest of all grasses, thus permitting early pasturage. Very hardy, and after the second or third year, when it comes to full yield, produces a large amount of excellent forage. Should enter into all mixtures for permanent pastures. Is never sown alone, as it does not reach maturity for two or three years. Sow with other grasses, 3 to 4 lbs. to the acre; 7 lbs. to the bushel. **Lb., 40c (by mail 48c); 10 lbs., $3.75; 100 lbs., $35.00.**

ANTHOXANTHUM ODORATUM PUELLI (*Sweet Vernal Grass*).

An annual of sweet scent but bitter taste, so that it is of small value for pasturage, but is of some value for lawn purposes. 10 lbs. to the bushel. **Lb., 20c (by mail 28c); 10 lbs., $1.50; 100 lbs., $11.00.**

ANTHOXANTHUM ODORATUM (True Sweet Vernal). A perennial. **Lb., 50c (by mail 58c); 10 lbs., $4.75.**

AVENA ELATIOR (*Tall Meadow Oat Grass*).

An excellent meadow grass both for Winter grazing and for hay for the Southern States and dry climates. Growth is rapid, it blooms early and when cut dries out rapidly. Not suited to heavy, moist soils. Yield very heavy, permits three to four cuttings on good soil. Should not be sown alone, as it does not form a compact turf. Very hardy, withstanding extreme drouth, heat and cold. 13 lbs. to the bushel. **Lb., 25c (by mail 33c); 10 lbs., $2.25; 100 lbs., $20.00.**

CANADA BLUE GRASS (*Poa Compressa*).

This is a hardy perennial grass, which forms a strong turf on account of its dense creeping root stalks. It adapts itself to all soils and withstands differences of soils and climate better than most other grasses. Particularly adapted to the Eastern and Middle States for pasture and dairy use. For a lawn grass it is of considerable value where the turf is subjected to hard usage. 14 lbs. to the bushel. **Lb., 15c (by mail 23c); 10 lbs., $1.25; 100 lbs., $10.00.**

ENGLISH BLUE GRASS (*Festuca Pratense, or Meadow Fescue*).

A native of Europe, it has become thoroughly naturalized here. The grass is a very permanent one and is especially valuable for permanent pastures where the soils are not too dry. In the Western Central States it has done especially well. Should be sown with other grasses, as it does not come to full bearing for two or three years. Our seed is choice American grown. Sow 1½ bushels to the acre. 20 lbs. to the bushel. **Lb., 30c (by mail 38c); 10 lbs., $2.75; 100 lbs., $25.00.**

BERMUDA GRASS (*Cynodon Dactylon*).

A very valuable grass in the warmer climates. In the Southern States and warmer regions of the Southwest on the Pacific Coast, it is cultivated extensively and is most highly prized, chiefly for grazing, all kinds of stock being exceedingly fond of it. Resists extreme drouth and high temperature and grows freely on a sandy soil where other grasses will not thrive. Does not do well in the shade. As a lawn grass it is much used in the South with excellent results. Being difficult to eradicate, it should not be placed in a soil except desired permanently. Seed should be sown at the rate of 15 lbs. to the acre. Sow in the Spring. 36 lbs. to the bushel. **Lb., 50c (by mail 58c); 10 lbs., $4.50; 100 lbs., $40.00.**

BROMUS INERMIS.

(Awnless Brome Grass.)

A most valuable and comparatively new grass for meadow use. In the arid regions of the West and Northwest this grass has a great future. It is very hardy, strongly stoloniferous (creeping roots), and quickly makes a thick, firm turf. Particularly hardy and unusually drought resisting, it is now more highly regarded for its feed value than a few years ago, and does not compare unfavorably with Timothy or similar hay. Somewhat difficult to eradicate, so should be given a permanent place. Cut when first coming into bloom. Our seed is choice and re-cleaned. 14 lbs. to the bushel. Sow two bushels to the acre. **Lb., 25c (by mail 33c); 10 lbs., $1.50; 100 lbs., $12.00.**

CYNOSURUS CRISTATUS.

(Crested Dog's-tail.)

A valuable lawn grass, as it forms an even and compact sward. Does fairly well in shade and should be a constituent of all good shade lawn mixtures. Good for pasture. For lawn purposes it should be sown with other grasses, about 5 lb. to the acre. 21 lbs. to the bushel. **Lb., 40c (by mail 48c); 10 lbs., $3.50; 100 lbs., $32.00.**

AWNLESS BROME GRASS.

ORCHARD GRASS.

ORCHARD GRASS (*Dactylis Golmerata*).

A very hardy popular grass grown successfully almost anywhere in the United States, flourishes in shade or sunshine, therefore excellent for woodland pastures with good soil. Wet soils do not suit it. Good for both hay and pasture. Valuable in pasture because it offers feed a few days after moist weather in Spring, and it may be cut for hay before Timothy. Deep pasturing that would destroy Timothy improves this grass. Has a tendency to grow in stools and leave bare spaces, which may be overcome by rolling and harrowing. Red Clover sown 10 lbs. to the acre is also a good preventive. Not a good lawn grass, even in shade. 14 lbs. to the bushel. **Lb., 30c (by mail, 38c); 10 lbs., $2.75; 100 lbs., $25.00.**

The market price on grass seeds varies like that of grain. Purchasers in quantity should write for the latest prices and samples before ordering.

TIMOTHY (*Phleum Pratense.*)

The most popular of all grasses for hay and the standard to which all other hay is compared. It is a perennial, doing best on a moist, tenacious, rich soil. On light soils the yield is generally scant. The best results are had by sowing Timothy with a mixture of Red Top and Clover. Timothy does not make a desirable pasture as there is little growth after being cut and tramping of stock soon destroys it. Hay should be cut just when it has stopped flowering. Quantity of seed per acre varies with the character of the soil. On heavy soils sow one-third to one-half bushel per acre, on light soils less.

Our choice (V) Brand is clean, bright and of high germination. Market varies; 45 lbs. to the bushel. Present price, January, **lb., 12c (by mail, 20c); 10 lbs., 75c; 100 lbs., $6.00.**

FESTUCA DURISCULA (*Hard Fescue.*)

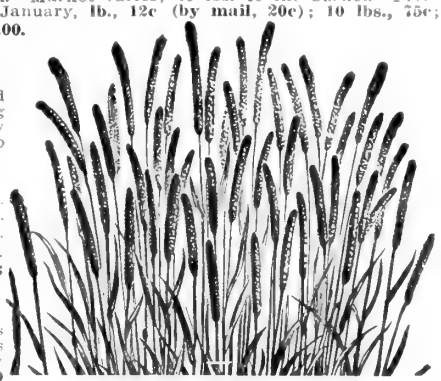
This grass does well in sandy pastures. Is a slender, and very tufted perennial, a dwarf form of Sheep's Fescue. A good grass for resisting drought. Of fair value as a lawn grass, and must be sown very thickly on account of its forming tufts. Sow 50 lbs. to the acre; 12 pounds to the bushel. **Lb., 20c (by mail, 28c); 10 lbs., $1.75; 100 lbs., $15.00.**

FESTUCA HETEROPHYLLA (*Various Leaved Fescue.*)

A perennial grass, native of Europe. Of some value agriculturally as a bottom grass in pastures. Good for both hay and pasture. For lawn purposes is quite desirable, especially for shaded places, its fine soft leaves and its creeping roots making a very good turf. Sow 40 lbs. to the acre; 15 lbs. to the bushel. **Lb., 30c (by mail, 38c); 10 lbs., $2.75; 100 lbs., $25.00.**

FESTUCA OVINA (*Sheep's Fescue.*)

A good grass for up-land pastures and for sandy and poor soils. Is very hardy and resists extremes of weather. It grows in tufts, but its fine foliage and dense growth permits its use for lawn purposes. Sow 35 lbs. to the acre; 12 lbs. to the bushel. **Lb., 20c (by mail, 28c); 10 lbs., $1.75; 100 lbs., $15.00.**



TIMOTHY (Phleum Pratense.)

FESTUCA RUBRA. (*Red, or Creeping Fescue.*)

This is a creeping rooted species of Fescue. On account of its creeping roots, forms a compact and durable turf, especially valuable for binding loose soils and for gravelly banks and dry slopes. An excellent bottom grass for pastures and especially for those which are quite shaded. For a lawn grass, is very good, especially for shaded spots. Sow 30 lbs. to the acre; 14 lbs. to the bushel. **Lb., 25c (by mail, 33c); 10 lbs., $2.25; 100 lbs., $20.00.**

FESTUCA TENUIFOLIA (*Slender Fescue.*)

Of principal value for lawn purposes where it does very well on dry and inferior soils as well as in shady places. Good for edgings. Sow 30 lbs. to the acre; 22 lbs. to the bushel. **Lb., 35c (by mail, 43c); 100 lbs., $30.00.**

JOHNSON GRASS (*Andropogon Halepensis.*)

A drought resister and much used in the warmer parts of the southern states. Used for hay, it should be cut just as it comes into bloom, when it is much liked by all kinds of stock. It is very difficult to eradicate on account of its powerful and rapidly spreading roots, and should be used only on permanent pastures or meadows; 25 lbs., to the bushel. **Lb., 25c (by mail, 28c); 10 lbs., $1.75; 100 lbs., $15.00.**

LOLIUM ITALICUM. (*Italian Rye Grass.*)

Called a perennial but rarely lasts for two years. Likes a rich, moist, loamy soil where the grass does remarkably well and produces good hay and pasturage. Desirable for this purpose in temporary pastures. Develops very rapidly and is excellent for soiling. Withstands extremes of temperature and remains green throughout the Winter. Valuable in lawn grass mixtures demanding immediate effect. Eighteen lbs. to the bu. **Lb., 20c (by mail, 28c); 10 lbs., $1.00; 100 lbs., $7.50.**

LOLIUM PERENNE. (*English or Perennial Rye Grass.*

The hay grass of England where its position is the same as Timothy in the United States. Also does very well in this country. Good for both pastures and meadows. Moist and rich clays or loams are the soils best suited to it. The seed is heavy and very quick to start. It is a valuable lawn grass, especially where quick results are sought. Sow 50 to 60 lbs. to the acre.

Perennial Rye Grass—Extra Heavy Seed (30 lbs. to the bu.) **Lb., 20c (by mail, 28c); 10 lbs., $1.50; 100 lbs., $10.00.**

Perennial Rye Grass—Standard Weight (24 lbs. to the bu.). **Lb., 12c (by mail, 20c); 10 lbs., $1.00; 100 lbs., $7.50.**

POA TRIVALIS (*Rough Stalked Meadow Grass.*)

A perennial species closely related to Kentucky Blue Grass. Does best in moist cool locations and its principal use is as a bottom grass in permanent pastures. For lawn purposes it does well on sandy moist spots on account of its spreading roots. Sow about 15 to 20 lbs. to the acre, 14 lbs. to the bushel. **Lb., 35c (by mail, 43c); 10 lbs., $3.25; 100 lbs., $30.00.**

POA NEMORALIS (*Wood Meadow Grass.*)

In the Northern and Middle States this is the best of all lawn grasses for deep shade. Very hardy and a perennial. Its creeping roots establish a lasting, even and deep green turf. On dry rich soils it makes good pasturage and hay, but is usually too expensive to sow. 14 lbs. to the bushel. **Lb., 55c (by mail, 63c); 10 lbs., $5.25; 100 lbs., $50.00.**

Vaughan's Hay and Pasture Special Grass Mixtures.

OUR customers have been quick to appreciate the value of these special mixtures in producing a heavier, thicker and longer continued growth than when one or two grasses only are used. The use of such mixtures is sure to become universal. For other conditions or soils not stated below, write us.

Every sample of grass in each mixture is of the choicest recleaned quality. The following are the leaders:

THE AMOUNT OF SEED necessary to sow an acre largely depends on the quality of the land; the poorer the soil the larger the quantity required. A fair average is from 35 to 40 pounds to the acre. The thicker seeds are sown, the sooner will a fine close turf be obtained.

VAUGHAN'S MEADOW MIXTURES.

No. 1. ON GOOD LAND, NEITHER TOO DRY NOR TOO WET.

This mixture is composed of the following grasses and clovers, blended in the proper proportions:

		Perennial Rye Grass.
Fancy Red Top.	Orchard Grass.	Timothy.
Meadow Foxtail.	Hard Fescue.	Red Clover.
Tall Meadow Oat Grass.	Sheep's Fescue.	Alsike Clover.

Price, 10 lbs., $1.25; 35 lbs. (about enough for one acre), $4.00; 100 lbs., $10.50; 1,000 lbs., $100.00.

No. 2. FOR HIGH AND DRY LAND.

This mixture is composed of the following grasses and clovers:

Fancy Red Top.	Hard Fescue.	Rough-Stalk Meadow Grass.
Tall Meadow Oat Grass.	Sheep's Fescue.	Red Clover.
Crested Dog's Tail.	Timothy.	White Clover.
Orchard Grass.		

Price, 10 lbs., $1.75; 35 lbs., (about enough for one acre), $5.00; 100 lbs., $13.50; 1,000 lbs., $130.00.

VAUGHAN'S PASTURE MIXTURE.

No. 3. ON GOOD LAND, NEITHER TOO DRY NOR TOO WET.

This mixture contains some of each of the following, properly proportioned

	Sheep's Fescue.	Kentucky Blue Grass.
Tall Meadow Oat Grass.	Hard Fescue.	Timothy.
Red Top.	Perennial Rye Grass.	Red Clover.
Orchard Grass.	Meadow Foxtail.	White Clover.

Price, 10 lbs., $1.75; 35 lbs. (about enough for one acre), $5.00; 100 lbs., $13.50; 1,000 lbs., $113.00.

No. 4. ON DRY LAND.

This mixture is composed of the following:

		Hard Fescue.
Creeping Bent Grass.	Orchard Grass.	Sheep's Fescue.
Tall Meadow Oat Grass.	Red Clover.	Timothy.
Kentucky Blue Grass.	White Clover.	Perennial Rye Grass.

Price: Same as mixture No. 2.

No. 5. ON WET LAND.

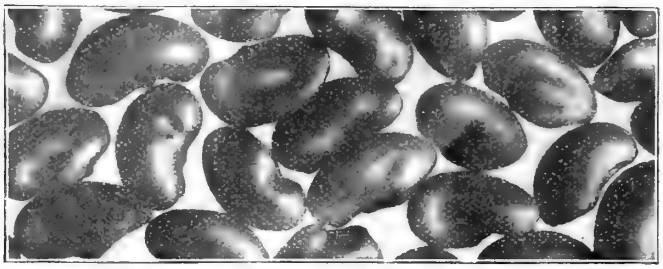
This mixture contains:

Orchard Grass.	Kentucky Blue Grass.	Timothy.
Fancy Red Top.	Alsike Clover.	Rough-Stalk Meadow Grass.
Meadow Fescue.	White Clover.	
Perennial Rye Grass.	Meadow Foxtail.	

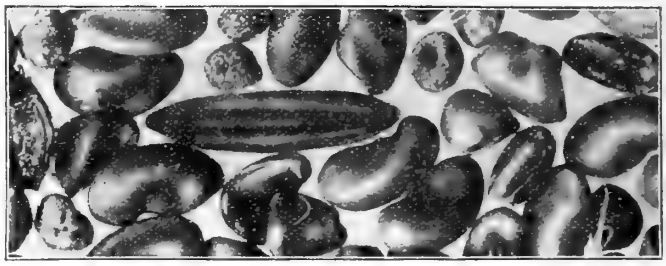
Price: Same as mixture No. 3.

Vaughan's Extra Choice Clover Seeds

Clover and Alfalfa prices vary greatly with the market. The prices below represent fair market figures when this book is printed and are subject to change. Purchasers of large quantities should write for latest prices.



Clean Alfalfa Seed.



Poor Alfalfa Seed with Weed Seeds and Dodder.

The two illustrations above photographed with the seed under a microscope, showing the difference between good clean and cheap poor imported seed.

ALFALFA or LUCERNE.

This is such a profitable crop when once established that every farmer can afford to take great pains in order to obtain a stand.

Alfalfa under ordinary conditions yields three to four cuttings per year, yielding a good four to five tons per acre and many times higher. Besides this heavy yield the hay produced has a feeding value of almost equal weight to grain, and while producing is an actual benefit to the soil on account of its nitrogen gathering bacteria on its roots.

There have been a great many failures in establishing this crop in the eastern states, but with increasing knowledge of its needs, eastern acreage is larger each year, and it is safe to prophesy that in twenty years there will be a good sized field on nearly every farm. Farmers who have not tried the crop should begin with a small experiment and gradually increase the acreage.

Methods of planting vary greatly. In the East spring sowing has not been generally successful as weeds start earlier than Alfalfa, win the race and spoil the stand. A successful method has been to manure the Alfalfa field in winter or early spring and harrow it in with a disk. Harrow as early as possible. Let a plowing follow and afterwards disk at regular intervals. Disking is practiced to keep down weeds and to prevent hardening of the ground. After a thorough cultivation and harrowing, about the last of July, broadcast the seed about 20 lbs. to the acre. Harrow it in 1 inch. Do not sow on wet, acid or poor soils.

Our seed is American grown and raised on non-irrigated land. It is as free as possible from noxious weeds. Purchasers of Alfalfa should examine their seed carefully themselves, or submit samples to authorities like their State Experiment Stations, or the Seed Laboratory at Washington, for analysis. **Price, lb., 25c (by mail, 33c); 10 lbs., $2.00; 100 lbs., $18.00.**

TURKESTAN-ALFALFA.

This seed is imported from Asia and has given excellent satisfaction in many localities, being generally regarded as hardier than American seed. Uniform hardy seed is hard to obtain as Turkestan is a large country and the climate varies as much as northern and southern United States. Small planting only recommended. **Price, lb., 25c (by mail, 33c); 10 lbs., $2.00; 100 lbs., $18.00.**

ALSIKE or HYBRID CLOVER.

For wet, cold and stiff soils. Seed is small and plants a wider area than Medium or Mammoth. Sow 5 to 6 lbs. to the acre. **Vaughan's (V) Brand, lb., 25c (by mail, 33c); 10 lbs., $2.00; bu. (60 lbs.), $11.00; 100 lbs., $17.50.**

FANCY MEDIUM RED CLOVER, Vaughan's (V) Brand.

Clover seed is high priced and scarce this year. There is a great deal of imported cheap seed full of weeds being sold. The farmer who plants clover cannot be too careful to sow only the purest seed he can find. If you cannot determine for yourself what is good seed, send samples to your State Experiment Station or the Department of Agriculture and Seed Laboratory at Washington, D. C., for analysis. Our seed is the purest and cleanest we can buy and we are at all times willing to send samples. There is hardly enough good seed to meet the demand and we advise ordering early. Sow 8 to 10 lbs. to the acre. **Price, Jan. 1st (write for latest quotations), lb. 20c (by mail, 28c); 10 lbs., $1.50; bu. (60 lbs.), $7.00; 100 lbs., $11.00.**

MAMMOTH RED CLOVER, FANCY SEED.

Grows larger than the medium, does well on light, thin lands. **Price, Jan. 1st, lb., 20c (by mail, 28c); 10 lbs., $1.50; bu. (60 lbs.), $2.00; 100 lbs., $11.00.** Always subject to market changes.

WHITE CLOVER.

Mixed with other grasses. For lawn purposes this is very desirable on account of its creeping stems. It spreads rapidly and acts as a binder. Very hardy. In permanent pastures is of considerable value. Extra fancy seed. **Lb., 30c (by mail, 38c); 10 lbs., $2.50; bu. (60 lbs.), $13.75; 100 lbs., $20.00.**

Choice Seed. Clean, but not as bright as above. **Lb., 25c (by mail, 33c); 10 lbs., $1.75; bu. (60 lbs.); $10.00; 100 lbs., $16.00.**

CRIMSON CLOVER.

Annual crop much used in the East and South for soiling or pasture. It is being tried in the North. **Lb., 15c (by mail, 23c); 10 lbs., $1.00; bu. (60 lbs.), $5.50; 100 lbs., $8.00.**

Bokhara or Sweet Clover.

Used for soiling. Also valuable for planting near bees. **Lb., 25c (by mail, 33c); 10 lbs., $2.25.**

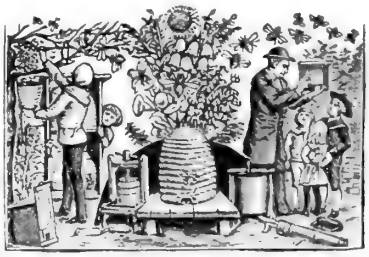
WHITE CLOVER.
An Excellent Binder in Lawns.

Splendid HONEY PLANTS.

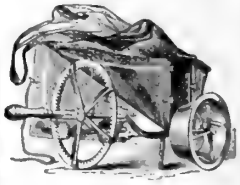
Phacelia.

SIBERIAN DRAGONHEAD. This is one of the honey plants best liked by bees. The plants bloom from June till August, grow about 18 inches high and are very ornamental besides being useful. Sow the seed thinly where the plants are to remain in April. **Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; lb., 65c.**

PHACELIA (Tansy-Leaved). Best of all bee foods. This is much liked in Russia because of the mild honey it furnishes. The plants grow about 3 feet high and come into bloom very quickly, for that reason they can be had in bloom throughout the entire season if sown four times during the summer. It requires about 4 lbs. to sow an acre. The seed is small and should be covered but little. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 75c. Bokhara or Sweet Clover.** See above.



Bee Keeping.



Cahoon Seeder.

Holds 22 Quarts. Scatters 20 feet. Weight, 5½ Pounds. **Price each, $2.90.**

OTHER GOOD HONEY PLANTS.

	Time of Blooming.	Pkt.	Oz.	¼ lb.	lb.
ALYSSUM,	June-Oct.	5c	20c	60c	$2.00
BARTONIA,	July-Sept.	5c	25c	60c	....
BORAGE,	July-Sept.	5c	15c	45c	1.50
CENTAUREA, (Cyanus)	June-Sept.	5c	15c	35c	1.00
CLARKIA,	July-Sept.	5c	20c	50c	1.60
CYNOGLOSSUM,	June-Sept.	5c	15c	40c	$1.00
MATHIOLA,	June-Aug.	5c	15c	40c	1.40
MIGNONETTE,	July-Sept.	5c	10c	20c	.60
NIGELLA,	June-Sept.	5c	10c	30c	.90
WHITLAVIA,	June-Sept.	5c	20c	60c	1.80
ALL THE ABOVE (Mixed),	June-Oct.		15c	30c	1.00

Special Offer No. 777. One pkt. each of the 12 Honey plants for **50 cents.**

Special Offer No. 888. One ounce each of the 12 Honey plants for **90 cents.**

Vaughan's "Fair Green" Golf Mixture, composed of extra cleaned and heavy lots of hardy and vigorous grasses.

FOR GOLF AND TENNIS CLUBS.

We make special mixtures suitable for different soils and conditions. Certain grasses do better than others under certain conditions, and on particular soils. All our fancy grasses for lawn purposes are especially cleaned, and the pick of the markets both in this country and abroad. We invite the closest analysis on all our grasses. Write us concerning wants, and we shall be pleased to furnish samples and latest market quantity prices. We supply many of the very largest clubs in the country. For full descriptions and approximate prices of fancy grasses used on lawn and recreation grounds, see pages 138 and 139.

VAUGHAN'S "GOLF LINK" (FAIR GREEN) GRASS SEED.

Most of the older Golf Clubs have their own special mixtures which they have found best suited for their needs. For those who have not, this mixture is one that will give general satisfaction on the majority of soils. The grasses comprising the mixture will stand wear and tear, and still retain its good appearance. Sow 75 to 100 lbs. per acre. **Price, per lb., 25c; 5 lbs., $1.00; 50 lbs., $9.50; 100 lbs., $18.00.** Special price on larger lots.

VAUGHAN'S "PUTTING GREEN MIXTURE"

A mixture of the extra fine leaved low growing grasses that will make a close, firm, green and lasting turf. The "Putting Green" is, of course, the most important turf on the whole links, so we invite correspondence as to local conditions which may affect the growth of the different grasses. Sow 1 lb. every 350 to 400 sq. ft. **Price, per lb., 30c; 5 lbs., $1.10; 50 lbs., $10.00; 100 lbs., $19.00.**

VAUGHAN'S MIXTURE FOR TENNIS LAWNS.

For Cricket, Croquet, Bowling Greens, etc.

A mixture of strictly perennial grasses without clovers, specially adapted to produce a close fine enduring sward. Sow from 50 to 60 lbs. per acre for a new lawn or bowling green; 15 to 20 lbs. per acre to improve existing turf. **Price, per lb., 25c; 5 lbs., $1.00; 15 lbs., $2.75; 25 lbs., $4.25; 50 lbs., $8.25; 100 lbs., $16.00.**

Vaughan's Putting Green Mixture—the fanciest samples of low-growing, velvety-appearing grasses.

HARD WOOD ASHES.

This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. If used on the lawn at the rate of a ton or more per acre as a first application, an annual dressing of three hundred pounds afterwards will insure a thrifty growth of dark color, exemption from ill effects of dry weather and freedom from weeds. It is also very beneficial to vegetable and field crops, and especially recommended to Cabbage and Onion growers. **Price: 25 lbs., 45c; 50 lbs., 75c; 100 lbs., $1.25; 500 lbs., $5.00; 1,000 lbs., $9.00; ton, $17.00.**

GYPSUM, or LAND PLASTER.

This is still used as a fertilizer for grass and we can supply it at: **100 lbs., 90c; 500 lbs., $3.50; 1,000 lbs., $6.50; ton, $12.00.**

TOBACCO DUST.

This contains some of the elements that induce the growth of grass, and is a real good fertilizer for that purpose. **10 lbs., 40c; 25 lbs., 75c; 50 lbs., $1.35; 100 lbs., $2.50; 500 lbs., $11.25.**

VAUGHAN'S HIGH GRADE LAWN FERTILIZER.

It does the work of twenty times its weight of barnyard manure.
Does it better, quicker, cheaper and lasts longer.
Does not disfigure the lawn with an unsightly, ill-smelling mass.
Contains no seed weeds.
Is easily applied.

Lawn grass is a voracious feeder, and must have plant food in order to hold its beautiful, dark green color and velvety appearance. The ordinary stable manure contains the desirable chemical plant foods. However, it has serious drawbacks, in being hard to handle, ill-looking, decidedly odorous, and, not the least of all, it contains weed seeds. All of these objections are obviated by the use of our lawn fertilizer. If the lawn is in fair condition it is only necessary to rake off the dead leaves and grass in the early spring and scatter broadcast over its surface some of **our Lawn Fertilizer** with a little of **our Chicago Park Lawn Seed** over the thin spots, and the work is done.

DIRECTIONS FOR USE. The first application should be made early in the Spring, as soon as the frost is out of the ground, at the rate of 25 pounds of fertilizer to every 1,000 square feet of lawn, evenly distributed. For seeding down a new lawn, scatter double the amount, say 50 pounds of fertilizer, broadcast on every 1,000 square feet, and rake it in thoroughly before sowing the seed.

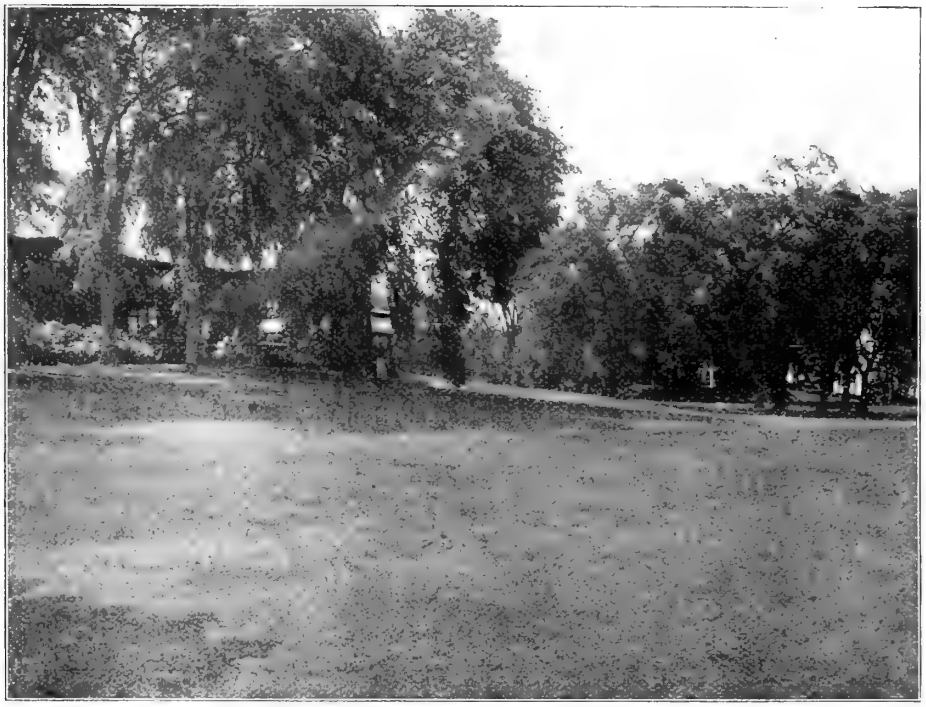
Price.—5 lbs., 30c; 10 lbs., 50c; 25 lbs., $1.00; 50 lbs., $1.75; 100 lbs., $3.00; 200 lbs., $5.50; 500 lbs., $12.00; 1,000 lbs., $22.00; 2,000 lbs., $42.00.

Price includes delivery within 20 miles of Chicago.

New York Prices.—Add **50c** per 100 lbs., and **$7.00** per ton above prices.

FOR FARM AND GARDEN FERTILIZERS, SEE PAGE 143.

Vaughan's "Chicago Parks" Lawn Seed.



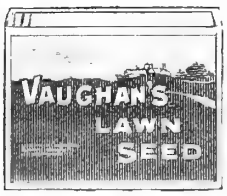
THIRTY years' experience has perfected our "Chicago Parks" Mixture in all ways, not alone in the fitness of every grass to its part in making a permanent and lasting turf, but in the right proportion of each and the adaptability of all.

Further, the seeds used are from sources where each grows to perfection. Several states and foreign countries contribute their best. They are cured, cleaned, screened and tested for vitality by our best methods. We invite analysis and comparison, or microscopic examination.

Of individuals and Clubs who have used with satisfaction Vaughan's Lawn Grass Seed, may be mentioned. President Roosevelt, Oyster Bay, L. I.; John D. Rockefeller's Golf Grounds, Lakewood, N.Y.; Tuxedo Park Association, Tuxedo Park, N.Y.; Many of the finest show places on Long Island, along the Hudson and in New Jersey. In the West, the Glenwood, Glenview, Calumet, Exmoor, Evanston, Westward Ho, Homewood, Midlothian, Ravisloe and other Chicago Golf Clubs, and almost all of the fine private grounds in Lake Geneva, Oconomowoc, Lake Forest, and along the Chicago North Shore.

"HOW TO MAKE A LAWN."

A few suggestions and hints in pamphlet form which we enclose in all our packages of lawn grass seed.



THE very best lawns in the United States are produced from our Lawn Grass Mixtures. The Chicago Parks Lawn Grass seed mixture originally planned for use in our famous city parks has been sold at our stores for many years with very general satisfaction. It will produce an even, dense growth of permanent sward as early in the season as it is possible to do. There are no annual grasses for the making of a "quick show" to the detriment of a good lawn. Only those grasses of lasting value and hardiness which once established need no re-seeding for years, are contained in this mixture. Every grass used is as pure as can be found anywhere, our cost being of secondary consideration when purchasing. Careful cleaning of the best varieties makes this mixture as free as it possible to make it from foreign matter.

QUANTITIES TO USE.

1 lb. for 350 square feet.
5 lbs. for 1,750 square feet.
10 lbs. for 3,500 square feet.
15 lbs. for 5,250 square feet.
25 lbs. for one-fourth acre.
50 lbs. for one-half acre.
100 lbs. for one acre.

If intended for renovating an old lawn, about half the above quantities are sufficient for the given spaces.

PRICE: Per lb., 25c; 3 lbs., 65c; 5 lbs., $1.00; 10 lbs., $1.95; 15 lbs., $2.90; 20 lbs., $3.85; 25 lbs., $4.75; 50 lbs., $9.25; 100 lbs., $18.00. If to go by mail add 8 cents per lb. for postage.

SPECIAL QUOTATIONS.—We shall be pleased to quote special prices to Golf Clubs, institutions, parks and others, who require Lawn Grass and Clover Seeds in large quantities.

Vaughan's "COLUMBIAN" Lawn Grass Seed.

For Shaded Lawns and Sandy Soil.

QUANTITIES TO USE.

1 lb. for 400 square feet.
5 lbs. for 2,000 square feet.
10 lbs. for 4,000 square feet.
15 lbs. for 6,000 square feet.
25 lbs. for one-fourth acre.
50 lbs. for one-half acre.
100 lbs. for one acre.

A SELECTION of the fine grasses which thrive naturally under the shade of trees or buildings, or are suitable for light sandy soil. This mixture was extensively used on the World's Fair Grounds, where we furnished large quantities of this seed to the landscape department, and where it gave splendid results. Sow at least 100 lbs. of seed per acre to make a new lawn, or 50 lbs. per acre for thin grass. PRICE: **Per lb., 25c; 3 lbs., 65c; 5 lbs., $1.00; 10 lbs., $1.95; 20 lbs., $3.75; 25 lbs., $4.50; 50 lbs., $8.50; 100 lbs., $17.00.** If by mail add 8 cents per lb. for postage.

VAUGHAN'S "QUICK SHOW" LAWN MIXTURE.

There are many people who desire a lawn that will make a showing immediately after planting. This mixture contains the quickest growing grasses, and while not possessing the permanency or color of our "Chicago Parks," will still make a respectable showing after the first season. Sow 50 lbs. to acre. **Price per lb., 20c; 5 lbs., 75c; 25 lbs., $2.85; 100 lbs., $10.00.**

VAUGHAN'S SPECIAL GRASS MIXTURE.

This extra-choice mixture contains a large proportion of the finer and more expensive species, such as Rhode Island Bent, Crested Dog's Tail, Creeping Bent, in extra-heavy samples, bringing the weight up to 20 lbs. per bushel, and producing a turf of the closest and finest texture possible. Sow 50 lbs. to acre. **Price per bu. of 20 lbs., $4.50.**

VAUGHAN'S DEEP SHADE MIXTURE.

For use under large trees where the shade is dense. Made up of the most expensive fancy grasses only, such as Wood, Meadow, Rough Stalked Meadow, Slender Fescue, etc. **Per bushel of 20 lbs., $7.00.**

VAUGHAN'S LAWN RESTORING GRASS MIXTURE.

A mixture of grasses peculiarly suited to take firm hold and grow quickly on hard, worn-out or burned spots. The best time to re-sow them is very early in spring, but seed may also be sown in the fall from first of September to first of October. Some Lawn-restoring Grass Seed should also be sown before every summer rain on thin places. **Price per quart, 25c; per bushel of 24 lbs., $4.50.**

KENTUCKY BLUE GRASS. Many prefer this to a mixture of grasses, and the fact cannot be denied that a lawn of Blue Grass only is magnificent; it takes longer, however, to get it established. Fancy Clean Seed. **Per lb., 25c; 3 lbs., 55c; bushel, 14 lbs., $2.25; 5 bushels, $10.50.**

RED TOP GRASS. Fancy Clean Seed. **Per lb., 30c; 5 lbs. for $1.25.**

RED TOP GRASS. Choice Seed. **Per lb., 20c; 5 lbs., 75c.**

WHITE CLOVER. Extra Choice Seed. **Per lb., 30c; 3 lbs., 85c; 5 lbs., $1.35; 10 lbs., $2.50.** Add 8 cents per lb. to above price if wanted by mail.

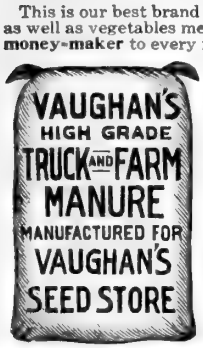
VAUGHAN'S HIGH-GRADE FERTILIZERS.

The Yield and Quality of Vegetables Depend Upon Continuous and Rapid Growth.

It has been demonstrated that market-garden crops of the best quality are those which are grown under conditions which permit of a continuous and rapid development. Any delay in the growth of a lettuce or radish causes that sharp and pungent flavor of the former and the bitterness and toughened fibre of the latter, beets become stringy, etc. Plant food of the right amount and kind controls the yield and quality of market-garden-products more than any other condition, and it is neither wise nor economical to depend on the natural condition of the soil or the application of stable manure only for profitable crops.

VAUGHAN'S HIGH-GRADE TRUCK AND FARM MANURE.

This is our best brand of concentrated Manure, suitable for **lawns and flowers** as well as vegetables mentioned below. It is of exceptional value and will prove a **money-maker** to every farmer or gardener that uses it.



To be used on	Rate per acre.
Essex Rape	200 to 500 lbs.
Asparagus	1000 lbs.
Beans	400 to 600 lbs.
Beet	500 to 1500 lbs.
Cabbage	400 to 1500 lbs.
Carrot	300 to 800 lbs.
Celery	600 to 800 lbs.
Cucumber	400 to 800 lbs.
Lettuce	500 to 1000 lbs.
Onion	500 to 1500 lbs.
Tomato	500 to 1000 lbs.
Strawberries	500 to 1000 lbs.

Price, 25 lbs., 70c; 50 lbs., $1.25; 100 lbs., $2.40; 200 lbs., $4.60; 500 lbs., $11.25; 1,000 lbs., $22.00; 2,000 lbs., $43.00.

TRUCK MANURE No. 2. **"All Soluble."** This brand has been prepared for such crops as require an extra quick, strong fertilizer; should be mixed well into the soil. Adapted for tobacco, hops, potatoes, flax, sugar beets, early cabbage, cauliflower, celery, fruits, especially strawberries, suitable for all soils (except sour). Quantity of pounds to be used per acre: Corn, 300 to 500; Clover, 200; Timothy, 200; Pasture, 200 to 600; Early Cabbage and Melons, 400 to 800; Peas, 400 to 800; Pumpkin and Squash, 300 to 600; Radish and Spinach, 500 to 1,000. **Price, 25 lbs., 70c; 50 lbs., $1.25; 100 lbs., $2.25; 200 lbs., $4.00; 1,000 lbs., $18.00; 2,000 lbs., $35.00.**

VAUGHAN'S MANURE FOR HOME GARDEN. This is suited for all kinds of flowers, vegetables and the lawn, being a high-grade complete fertilizer, just what is needed to make plants grow. **Price, 5 lb. box, 30c; 10 lbs., 50c; 25 lb. bag, $1.00; 100 lbs., $3.00.**

FRUIT AND ROOT CROP MANURE. For fruit trees and small fruits, garden truck, tobacco, etc. Quick in starting, lasting in effect, giving firm, healthy growth and developing the fruit. Quantity of pounds to be used per acre: Beet, 500 to 1500; Carrot, 300 to 800; Parsnip, 400 to 1,000; Potato, 500 to 1,000; Sage, 200 to 600; Salsify, 500 to 1,000; Turnip, 500 to 1,000; Blackberries, 400 to 800; Grapes, 400 to 500; Strawberries, 500 to 1,000. **Price, 25 lbs., 60c; 50 lbs., 95c; 100 lbs., $1.75; 200 lbs., $3.35; 500 lbs., $8.00; 1,000 lbs., $15.50; 2,000 lbs., $30.00.**

BONE AND BLOOD. For Cabbage, Cauliflower, Corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash, salts, or hard wood ashes, and if so used it is especially adapted to fruits, if applied early. For garden crops use 300 to 500 lbs. per acre. **Price, 25 lbs., 60c; 50 lbs., 95c; 100 lbs., $1.75; 200 lbs., $3.25; 1,000 lbs., $15.00 2,000; lbs., $29.00.**

CLAY'S FERTILIZER. This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. It should also be used in potting soil and as a top-dressing. **Price, 7 lbs., 75c; 14 lbs., $1.25; 28 lbs., $2.00; 56 lbs., $3.75; 112 lbs., $7.00.**

HORN SHAVINGS. These are largely used by florists on such plants as Fuchsias, Geraniums, etc., and in the large vases in Parks and Cemeteries, to supply food after the natural fertility of the soil is exhausted. **Price, 5 lbs., 40c; 10 lbs., 70c; 25 lbs., $1.25; 100 lbs., $4.00.**

KAINIT or German Potash Salt. This contains an average of 12 per cent. of actual potash. It should be applied a considerable time before the crop is planted in order that it may be well distributed. It is not advisable to put it in the hill or row immediately before planting. Mixed with Bone Meal it is a splendid fertilizer as a top dressing for fruit trees and small fruits. **Price, 10 lbs., 30c; 25 lbs., 50c; 100 lbs., $1.50; 500 lbs., $6.25; 1,000 lbs., $11.50.**

GUANO. A standard Fertilizer. **Price, 5 lbs., 30c; 10 lbs., 50c., 50 lbs., $1.85; 100 lbs., $3.50.** Write for price on larger lots—subject to market changes.

SCOTCH SOOT. (Genuine Imported.) Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut worms. **Price, 28 lbs., $1.50; 56 lbs., $2.50; 112 lbs., $4.00.**

VAUGHAN'S CONCENTRATED PLANT FOOD.

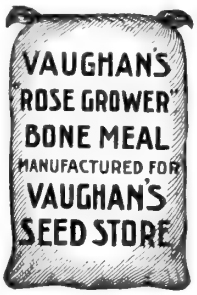
A most useful Fertilizer for all kinds of plants raised in pots. It produces a rapid and vigorous growth and an abundance of flowers.

Package containing food for 20 plants for 3 months, **15c; 3 for 40c; if by mail, add 9c. per package.** Large package, containing sufficient plant food for one year, **25c; 3 for 65c; if by mail, add 17c. per package.**

Each package contains full directions.

BOWKER'S PLANT FOOD. A first-class plant food. **Small size pkg., 15c; by mail, 22c; large size pkg., 25c; by mail, 40c.**

VAUGHAN'S "ROSE GROWER" BONE MEAL.



This is a special brand we have put up for our trade. **It** is ground fine, hence acts quickly. Free from acid and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Ammonia 4½ to 5½ per cent; total phosphoric acid, 22 to 25 per cent; bone phosphate, 48 to 54 per cent. **Price, 5 lbs., 25c; 10 lbs., 50c; 25 lbs., 75c; 50 lbs., $1.25; 100 lbs., $2.25; 200 lbs., $3.90; 500 lbs., $9.00; 1,000 lbs., $17.00; 2,000 lbs., $34.00.**

Quantity Required.—For permanent pasture and mowing lands ½ to 1 ton per acre; for trees and vines, 2 to 4 quarts each; for top-dressing, 1,000 to 1,500 lbs. per acre; rose beds and plants, 1 part to about 50 of soil; for starting a new lawn, as a base, 3 to 5 lbs. per 100 square feet.

REGULAR BONE MEAL. **5 lbs., 20c; 10 lbs., 35c; 25 lbs., 60c; 50 lbs., $1.00; 100 lbs., $1.80; 200 lbs., $3.40; 500 lbs., $8.00; 1,000 lbs, $15.50; ton, $31.00.**

NITRATE OF SODA or Chili Saltpeter. Nitrate of Soda is not a substitute for other manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Gardeners who are using farm manure should continue to use it, but use Nitrate of Soda in addition to other fertilizers. If your object is **to grow maximum crops** you must in some way furnish the plants with Nitrogen. No matter what manure or fertilizer is used the Nitrogen must be converted into Nitrate before the plants can use it.

HOW TO USE NITRATE OF SODA.

Remove the lumps before using and break them up which can be done by pounding. Use as a top-dressing at the rate of 100 lbs. per acre on the following vegetables, when plants are well established: **Beets, Cabbage, Cauliflower, Cucumber, Celery, Egg Plant, Lettuce, Spinach, Onions.**

For **Asparagus**, a top-dressing of 250 lbs. per acre just as soon as the first shoots make their appearance.

For **Strawberries**, a top-dressing of about 100 lbs. per acre after the plants have blossomed.

For the **Home Garden** apply as a solution one ounce to two gallons of water.

Price (subject to market changes), 5 lbs., 35c; 10 lbs., 60c; 25 lbs., $1.25; 100 lbs., $3.75; 500 lbs., 17.50. Write for prices on larger quantities.

VAUGHAN'S SHEEP MANURE.

This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary. **5 lbs., 25c; 10 lbs., 40c; 25 lbs., 65c; 50 lbs., $1.00; 100 lbs., $1.50; 500 lbs., $6.00; 1,000 lbs., $10.50; ton, $20.00.**

MURIATE OF POTASH. A form of Potash Salts to be used with Bone Meal, Bone and Blood or farm manures on fruits, celery, asparagus, corn, oats, turnips, cucumbers, grapes, carrots, onions, peas, clover, and beans. Must not be used on hops, potatoes, tobacco, flax, sugar beets, cabbage or cauliflower. 50 to 400 lbs. per acre. **Price, 5 lbs., 30c; 10 lbs., 50c; 25 lbs., $1.00; 50 lbs., $1.85; 100 lbs., $3.50; 200 lbs., $6.50; 500 lbs., $15.50. Write for prices on ton lots.**

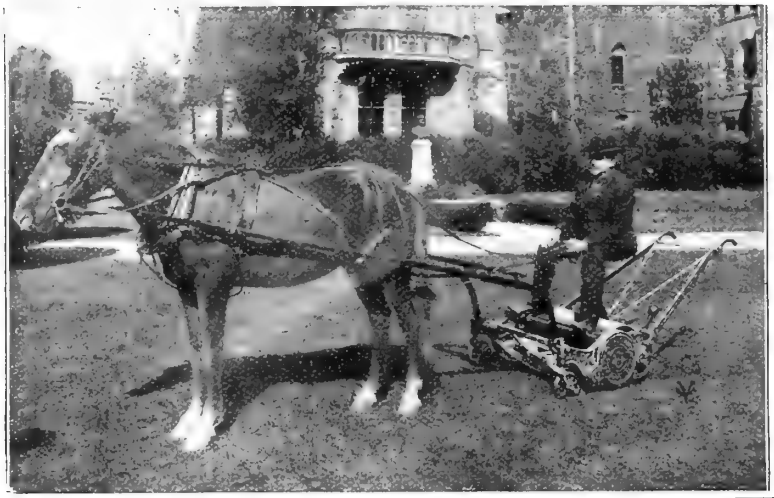
SULPHATE OF POTASH. A desirable form of Potash to be used on all crops, but especially on tobacco, hops, potatoes, flax, sugar beets, cabbage or cauliflower. Use 50 to 400 lbs. per acre. It is the best form for greenhouse use, and may be applied either broadcasted and mixed with the soil, or in solution in water. In re-potting or in shallow beds, use a tablespoonful to a bushel of the soil. In water use a tablespoonful in 12 quarts. **Price, 5 lbs., 30c; 10 lbs., 50c; 25 lbs., $1.10; 50 lbs., $2.00; 100 lbs., $3.75; 200 lbs., $7.00; 500 lbs., $17.00.**

SULPHATE OF AMMONIA. Used for its Nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use 1 pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil, or 3 gallons of water. **Price, 1 lb., 25c; 5 lbs., 60c; 10 lbs., $1.10; 25 lbs., $1.75; 100 lbs., $6.50.**

SHREDDED CATTLE MANURE. An efficient, high grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings from cattle pens. There is no offensive odor, and when spread on lawn and garden it works down into the soil so there is no refuse to blow about or be raked off when the growing season begins. If applied to the lawn in the fall it protects the grass roots all through the winter. It is as easy and cleanly to handle as grain, being perfectly dry and can be stored anywhere until wanted for use. **Price, f. o. b., Chicago: 100 lbs., $1.65; 500 lbs., $7.00; 1,000 lbs., $12.50; 2,000 lbs., $20.00.**

REGARDING PRICES.—The above prices on Clay's Fertilizer, Nitrate of Soda, Horn Shavings, Scotch Soot, Guano and Vaughan's Manure for the Home Garden are f. o. b. New York or Chicago; all the other prices are f. o. b. Chicago; if to be shipped from New York, add at the rate of 50c. per 100 lbs., or $7.00 per ton on lots of 1,000 lbs. or over to the above prices.

VAUGHAN'S LAWN MOWERS, ROLLERS, WEEDERS, SCYTHES, LAWN BOOTS, ETC.



THE EAGLE PHILADELPHIA HORSE LAWN MOWER.

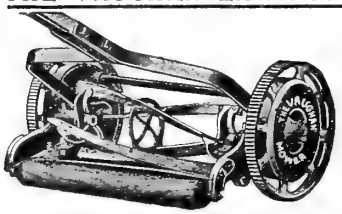
One of the best Horse Lawn Mowers on the market. Can be used in Parks, Cemeteries, Golf Courses or Private Lawns. Made of best material throughout. Cutting cylinder has five knives, ensuring even and close cut and leaving a smooth lawn, fitted with side draft which allows horse to walk on the cut grass and avoids trampling down the unmown grass. The roller of this mower is in two sections and is 14 inches high, making the 40-inch machine light work for one horse. Weight, exclusive of shafts, 35-inch, 580 lbs., 40-inch, 610 lbs.

Price F. O. B. Chicago or New York:

35-inch cut **$80.00**
40-inch cut **95.00**

N. B.—We can also supply any standard make of Horse Mowers. Write for prices before purchasing.

THE VAUGHAN LAWN MOWER.



Only the best material has been used in this machine, the driving wheels are ten inches in diameter, the cylinder is fitted with 4 blades suitable for long or short grass. The cutting cylinder can be removed from the machine without in any way disturbing the frame of the machine. We guarantee every Vaughan Mower to do satisfactory work in every respect.

15 in.	17 in.	19 in.	21 in.
$8.50	**$9.50**	**$10.50**	**$11.50**

PHILADELPHIA LAWN MOWER.

High Wheel (Steel). Style A.

The King of High Wheel Mowers. Constructed of steel throughout, it is much lighter in weight than any other mower of its size, consequently it is lighter in draught and easier to push. Fitted with four cutting-blades, and ten-inch drive-wheels, does not readily get out of repair, and in this way makes up for the higher cost by lower repair bills.

15 in.	17 in.	19 in.	21 in.
$10.25	**$11.25**	**$12.50**	**$13.75**

High Wheel, Style K.

For all-round general purposes this is one of the best style mowers on the market. With its high wheels it runs light, and five knives it cuts smooth and even, with the principles of construction so evenly balanced that it has the greatest amount of durability.

14 in.	16 in.	18 in.	20 in.
$6.00	**$6.75**	**$7.35**	**$8.00**

Write for complete Philadelphia Lawn Mower Catalog for 1909.

VICTORY BALL BEARING MOWER.

The lightest and easiest running Mower on the market. These mowers are well speeded, and bite small and frequent, leaving a beautiful velvety lawn. The ball bearings are of the highest grade, which reduces the friction and renders it possible to use a much wider machine.

14-in.	16-in.	18-in.	20-in.	22-in.	24-in.
$8.50	**$9.50**	**$10.50**	**$11.50**	**$12.50**	**$13.50**

PHILADELPHIA GRASS COLLECTOR.

Has a galvanized iron bottom, never-rip cloth connections. Always be careful to state size and style of mower when ordering.

Price for High Wheel and Style K and the Vaughan Mower, 14 and 15-inch, $1.70; 16 and 17-inch, $1.80; 18 and 19-inch, $1.90; 20 and 21-inch, $2.00.

ACME LAWN MOWER SHARPENER.

The best hand sharpener we have seen. If directions are carefully followed, anyone, no matter how inexperienced, can sharpen their own machine. **Price, each, 50c, postpaid.**

HORSE LAWN BOOT.

Indispensable where Horse Mowers are used. Our boots are made to fasten round the ankle, and is the most humane boot on the market. Made in three sizes.

No. 2 for No. 2 horse shoe 5½ in. inside measure.
No. 4 for No. 4 horse shoe 6½ in. inside measure.
No. 6 for No. 6 horse shoe 7 in. inside measure.

Per set of four, $9.00.

Capitol Lawn Trimmer and Edger.

Does what Lawn Mowers leave undone. Having one side without wheel, it can be run close to walls and trees, cutting grass clean and quick. Can also be used for trimming edges of walks, etc.; 4 steel blades, 6 inches wide. **Price, each, $6.00, complete.**

GEM LAWN SWEEPER.

This machine will clean the lawn more thoroughly and quickly than three or four men with hand rakes, and greatly benefit the turf. Put together in the most durable and thorough manner. The rakes are flexible, the rake-heads being divided in the middle and hung on easy-swinging hinges which are kept in position by retaining springs. We can guarantee the machine to do good work. **Price, 24-inch wide, each, $16.00.**

Philadelphia Horse Lawn Sweeper.

A revolving brush in front sweeps the sod clean and throws the sweepings backward into a large box in the rear. This box can be dumped without stopping. The only reliable horse machine on the market. Sweeps 40 inches wide. **Price, $72.50.**

LAWN SHEARS.

For cutting grass in places which cannot be reached by lawn mower.

BORDER SHEARS.

For trimming the edges of borders and walks. **7 in., $2.00.**

With wheels, $2.25

Two wheels each, $2.50

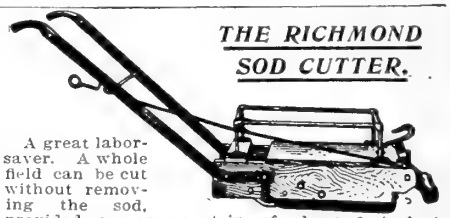
SCYTHE BLADES.

English Riveted Back, 30-inch, $1.25; 36-inch, $1.35; 40-inch, $1.50.

Scythe Snath or Handle, with patent fastening, each, $1.00.

Talacre Scythe Stones, each, 25c; 3 for 60c.

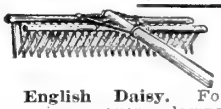
THE RICHMOND SOD CUTTER.



A great labor-saver. A whole field can be cut without removing the sod, provided a narrow strip of about 1 inch in width is taken out at the start. **Price, $23.00.**

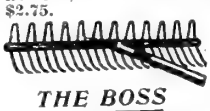
Grass Edger. "The Planet Junior." Will do either straight or curved edging at a speed of a mile an hour. **Price, $5.00.**

LAWN RAKES.



Automatic Self-Cleaning. A backward motion of the operator clears all the teeth at once. **Each, 70c.**

English Daisy. For running over lawns, tearing off disfiguring daisy and dandelion flowers; 20 teeth. **Each, $2.75.**



Lawn Queen. Wire teeth, reversible head. 24 teeth, **each, 45c;** 36 teeth, **each, 75c.**

THE BOSS LAWN ROLLER.

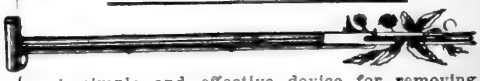
These are well made rollers with smooth turned face. Rolling the lawn in early Spring is absolutely essential if you want a fine lawn.

Diameter.	Face.	Sec'ns.	Wt.	Price.
No. 1—15 in.	15 in.	2	150 lbs.	**$ 9.00**
No. 2—15 in.	22 in.	3	200 lbs.	**12.00**
No. 4—20 in.	20 in.	2	250 lbs.	**14.00**
No. 6—20 in.	24 in.	2	300 lbs.	**18.00**
No. 7—24 in.	20 in.	2	400 lbs.	**24.00**
No. 9—28 in.	24 in.	2	500 lbs.	**30.00**
No. 10—28 in.	30 in.	3	600 lbs.	**36.00**

PIQUA LAWN WEEDER.

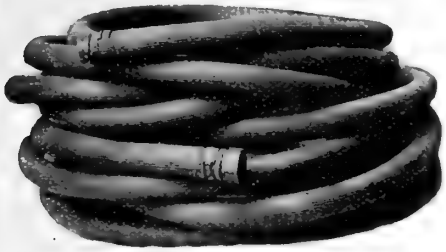
A simple and effective device for removing all weeds from the lawn. Handle and blade made of one piece of steel tubing. Grab rod enclosed in tube. **Price, $1.00.**

B'S WEED EXTRACTOR.



A simple and effective device for removing weeds of all kinds from the lawn. Easy to operate. **Price, 60c.**

VAUGHAN'S LAWN HOSE, SPRINKLERS, LAWN SWEEPERS, RAKES, NOZZLES, ETC.



RUBBER HOSE.

Electric Non-kinkable.

Best hose on the market, finest quality of rubber being used in its manufacture. Will not kink and will last for years. We can supply in any length and will fit with "snap" hose couplings if advised at time of ordering. **Price, ¾ inch, per 25 feet, $5.50; 50 feet, $10.00; 100 feet, $20.00.**

Excelsior Brand. A fine grade of hose, which we can readily recommend. Comes in 25 and 50 foot lengths only. **Price, ¾ inch** (including plain couplings), **per 25 feet, $4.00; 50 feet, $7.75; 100 feet, $15.00.**

"Standard Brand." ¾ inch; will give good service. **Price** (including couplings), **25 feet, $3.00; 50 feet, $5.50; 100 feet, $10.00.**

ALL IRON HOSE REEL.

Very light weight, frictionless, the wheels being so high they are very easily worked; never break or wear out.
No. 10, 100 ft. ¾ in. hose..$2.75
No. 20, 150 ft. ¾ in. hose.. 3.00

THE "SNAP" HOSE COUPLER.

Best hose coupler on the market, being simple, durable and always tight, for ¾ inch hose. **Per pair, 30c.**

Hose Coupler, Brass, for ½ or ¾ inch hose. **Each, 15c; doz., $1.50.**

Hose Straps, Coldwell. Used in fastening coupler on hose. **Doz., 15c.**

THE COOPER HOSE MENDER.

The best hose mender on the market, made of copper, with sharp barbs on either end, which prevents hose slipping off. ½ or ¾ inch, **each, 8c; doz., 75c; 1 inch, each, 10c; doz., $1.00; postage 5c doz. extra.**

Iron Mender, for ¾-inch hose. **Each, 5c; doz., 50c.**

TWIN COMET LAWN SPRINKLER.

With a good pressure of water it will thoroughly sprinkle an area 60 feet in diameter. The nozzle and the tips on ends of arms are adjustable and can be set so as to sprinkle any desired space, or the nozzle can be set perpendicular to send the water upwards in a straight stream like a fountain. Best results can only be obtained with good pressure. **Price, $5.00.**

THE EVANSTON SPRINKLER.

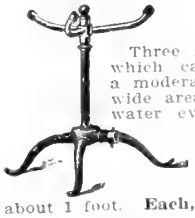
One of the best lawn sprinklers on the market; has no revolving parts to wear out and will not clog with sand or dirt. Gives an even distribution of water over a large area. The fineness and symmetry of its spray makes it especially desirable for new lawns and flower gardens. Its location may be changed while under full working head, with perfect ease, by the aid of a wire or cord. **Each, 35c; postpaid, 60c.**

Lincoln Park, or Butterfly.

Used for years in our Chicago parks; one of the most satisfactory sprinklers made. **Each, 30c.**

Mounted on stand, **2 foot, 75c; 4 foot, 85c; 6 foot, $1.00.**

"Columbia" Sprinkler.



Three Arm Lawn Sprinkler, which can be operated with a moderate pressure, covers a wide area and distributes the water evenly. The revolving arms throw the water in a fine spray into the air and the motion produces a fine mist. Height, about 1 foot. **Each, $1.25; 3 for $3.45.**

"AUSTRALIAN" SPRINKLER.

This sprinkler is one of the best distributors of water made, by reason of its rapid revolution and the form of its wings it distributes the water very finely and evenly.

Mounted on stand, **2 foot, 65c; 4 foot, 75c; 6 foot, 85c; 8 foot, $1.00.**

HOSE NOZZLES.

Boston Rose Spray. Brass; for ¾ inch hose; useful for watering lawn and garden. **Each, 60c; by mail, 70c.**

Standard. With stream and 2 inch spray. **Each, 75c; if by mail, 90c.** Same with 2½ in. spray. **$1.00; if by mail, $1.15.**

Gem. Best all-around hose nozzle; can be used for lawn or garden, as it can be changed from fine spray to a stream by simply turning; for ¾ inch hose. **Each, 50c; if by mail, 60c.**

WATER BARREL TRUCK.

Can be used for a variety of purposes, barrel can be easily attached or detached from the truck by simply raising or lowering the handles.
Water Barrel and Truck, with 2½ in. tires.....$11.00
Truck only, without barrel but with one pair trunnions 8.75
Barrel, with sprinkler attachment only.. 3.25

HAND CART BOX.

Used with truck makes a very convenient dumping hand cart. Length, 37 inches; width, 23½ inches; depth, 8 inches. Hand Cart Box with truck, **$11.50;** without, **$3.00.**

LEAF RACK.

Very convenient for the cartage of leaves, cut grass from the lawn, etc. Rack has an average width of 28 in. by 42 in., and is 21 in. deep. Leaf Rack with truck, **$13.50;** without, **$5.00.**

HOT BED MATS.

Straw Mats, rye straw, 3x6 ft., **each, $1.00; dozen, $11.00** Same mat, 6x6 ft., **each, $1.75; dozen, $20.00.**

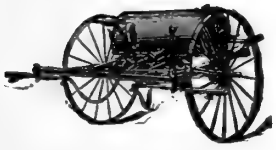
Burlap Mats, lined, waste wool and cotton, quilted. **Size A,** 40x76 inches, **$1.00 each; per dozen, $11.00. Size B,** 76x76 inches, **$1.40 each; per dozen, $16.00.**

Duck Mats. Same as above, with waterproofed duck on one side to shed rain. **Size C,** 40x76 inches, **$1.50 each; per dozen, $16.75. Size D,** 76x76 inches, **$2.00 each; per dozen, $21.50.**

Rattan Mats, Singapore Fibre. 6 ft. 2 in. long by 6 ft. wide. **Each, $2.50; doz., $27.00.**

SPRAYERS AND DUSTERS. FOR APPLYING INSECTICIDES, WET OR DRY.

IRON AGE FOUR ROW SPRAYER.



The sprayer having become an absolute necessity in successfully raising various crops, especially potatoes, we are offering the Iron Age Sprayer as being the best and most up-to-date on the market, an air pressure machine, the pump deriving its power from main axles by a sprocket wheel, driven by both wheels.

The tank is 18½ inches in diameter, 48 inches long and holds about 55 gallons, and is made of heavy galvanized iron, being fitted with dashers, which in revolving just wipe the bottom of tank, thus insuring perfect agitation. Wood tank can also be supplied, either 50 or 100 gallon. The pump is well made, of best material, and can be depended on.

The spraying nozzles are located in the rear of the machine, in plain sight of the operator and adjustable in height, spraying both small and very large plants, also adjustable to four different widths of rows, 28, 30, 33 and 36 ins.

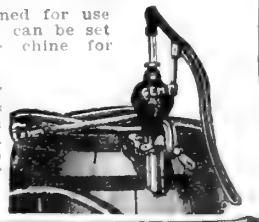
An orchard attachment can also be supplied for spraying trees, grape vines and berry bushes. For this purpose two persons are required, one to operate the pump and the other to handle the spray nozzle. This same operator can easily guide the horse from tree to tree.

Write for descriptive circular illustrating complete line.
No. 102 Four Row Sprayer, rear discharge (equipped with shafts).....$70.00
Orchard Attachment 7.00

SIMPLEX BARREL SPRAY PUMP.

It is an absolute necessity to have a barrel sprayer in extensive orchard work and the Simplex is in our estimation the most convenient and effective. The pump which can be fastened to the end of a whiskey or oil barrel has all brass working parts, mechanical agitator, large air chamber, insuring constant stream, and the discharge is fitted for two leads ½ inch hose. Pump complete with 3 feet suction pipe, strainer, agitator and 2 leads ½ inch hose, 5 feet long, fitted with two Vermorel or Bordeaux Nozzles. **$10.00.**

GEM SPRAY PUMP.



This pump is designed for use with Barrel Cart, and can be set on any part of the chine for either right or left hand person. All working parts are of brass, and pump has 4-inch stroke, with 1½-inch cylinder. **Price,** Pump with 4 feet of discharge hose and Bordeaux Nozzle. **$6.00.**

Little Giant Bucket Pump

The best hand pump made; working parts solid brass; throws continuous stream, either solid or as a mist. Being light it is easily carried around in a bucket, making it just the thing for spraying low bushes, trees, etc. Can also be used for whitewashing. **Price, $3.50;** fitted with lever handle and Bordeaux Nozzle for Whitewashing, **$4.25.**

INSECTICIDE NOZZLES.

These are especially designed for use in spraying insecticides. Made to fit ¼-inch pipe connection. If wanted to fit ¾-inch hose, order reducer, **25c extra.**

Bordeaux Nozzle. Each, 75c; by mail, 80c.

Vermorel Nozzle. Each, 75c; by mail, 80c.

Coupling to fit nozzles to hose. **Each, 25c.**

Bamboo Extension Rod. Lined with aluminum. Ten foot long, with stop cock. **Each, $4.50.**

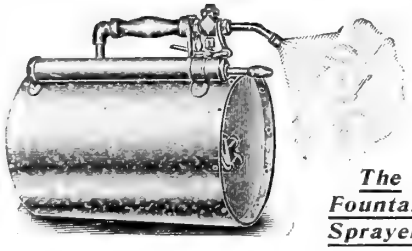
Bamboo Extension Rod.

SPRAYERS and DUSTERS—Continued.

The Brandt Sprayer.

This is the first and only knapsack compressed air sprayer on the market that gives an even and uniform spray. The trouble with all compressed air sprayers hitherto offered has been the necessity of pumping them ahead. This makes the pressure too high at the beginning and too low at the end. The result is an uneven discharge. In the "Brandt" the pumping is done during the progress of the work, this filling the tank with pressure as the liquid is discharged. About one stroke of the pump for each 15 to 25 hills of potatoes. The pressure is always under perfect control and is the same at all times, regardless of the amount of solution contained in the tank. Prices:

Galvanized Tank, **$5.00**; with shut-off nozzle	**$5.50**
Brass Tank, **$6.00**; with shut-off nozzle	**6.50**
Double Nozzle for spraying two rows	**1.50**
Tree Nozzle with 3-foot extension	**1.50**



The Fountain Sprayer.

One of the best compressed air sprayers on the market. The tank has a capacity of 3 gallons and is tested to an air pressure of 50 lbs. to the square inch, which obviates any danger of bursting. The machine is carried in one hand like a satchel, and the spray can be started, or stopped, by a thumb lever operated by the same hand that carries the sprayer. Price, Galvanized Tank, **$5.50**; Brass Tank, **$7.00.**

The Auto Spray.

Eight to ten strokes of the plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. The "Auto Spray" has been improved by the addition of the "Auto Pop" shown in illustration. Briefly described the "Auto Pop" is an automatic valve which is closed by the air pressure used to operate the "Auto Spray." In operation a lever is moved by simply closing the hand, thus opening the valve and allowing an instantaneous discharge of spray. Price, galvanized iron reservoir, **$5.65; with Auto Pop, $6.55**; solid brass reservoir, **$7.65; with Auto Pop, $8.60.** Extension rods, 2 foot lengths, **45c.** Two row attachment, **$1.50.**

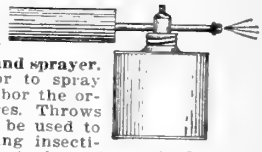
The Daisy Sprayer.

A splendid little hand sprayer which has the advantage over similar makes that it will spray when held either up or down. The plunger is fitted with a double washer which gives a spray with the backward stroke as well as with the forward. Each, **65c.**

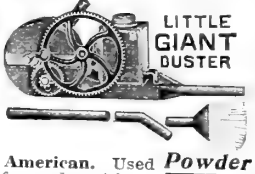
The Lowell Sprayer.

For applying insecticides in the form of a mist or vapor. The reservoir of this sprayer is made of glass, which enables the operator to see ingredients mixing. The glass sprayer will not corrode or rust. If broken can be replaced at once with a Mason Fruit Jar. Price, each, **75c; 3 for $2.00.**

Pneumatic Sprayer.

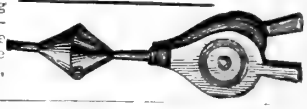


Compressed air **hand sprayer.** Enables the operator to spray with one-half the labor the ordinary sprayer requires. Throws a fine mist and can be used to advantage in applying insecticides, etc. One quart size. Galvanized Tank, each, **$1.00**; Brass Tank, each, **$1.75.**



The best dry powder gun; will distribute any dry insecticides and fungicides. Will do as much work in a day as a horse power sprayer. Dusts two rows at once. Price, **$5.50.**

Powder Bellows.



American. Used for dusting plants with sulphur or like material. Three sizes, each, **65c, 90c and $1.00.**

INSECTICIDES and FUNGICIDES.

Arsenate of Lead. This is a very popular remedy for use against all eating insects that attack foliage and fruit trees. It does not wash off nor will it injure, in any way, the foliage. Use two or three pounds to fifty gallons water. **1 lb., 25c; 5 lbs., $1.00; 10 lbs., $1.80; 25 lbs., $3.75; 50 lbs., $6.50; 100 lbs., $12.00.**

Ant Exterminator. A non-poisonous powder which, if scattered about their haunts or runs, will kill or drive away ants from lawns, etc. **Per box, 25c; by mail, 35c; smaller size, 15c.**

Bordeaux Mixture. **(Liquid or Paste.)** The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. One gallon will make 50 gallons liquid. **1 qt., 40c; 1 gal., $1.00; 5 gals., $4.50.**

Bordeaux Mixture. **(Dry.)** Ready for use by simply adding water. One pound will make 50 gallons liquid. **Lb., 25c; postpaid, 40c; 5 lbs., 85c; 28-lb. kegs, $4.50.**

Fir Tree Oil. Fine spray for greenhouse and house plants affected with mealy bug, scale, red spider, black and green aphis, thrip, lice, worms and slugs. **Small bottle, 25c; ½ pint, 40c; pint, 75c; quart, $1.25; gallon, $4.00.**

Fir Tree Oil Soap. For thrip, red spider, black and green fly, mealy bug, worms. **½ lb. tin, 25c; 2 lbs., 75c.**

Flowers of Sulphur. **Per lb., 10c; 10 lbs., 75c; 25 lbs., $1.50.**

Grape Dust. Excellent for the prevention and destruction of mildew on plants. **Per lb., 10c; 5 lbs., 35c.**

Hellebore Powdered White. Less poisonous than Paris Green and safer to use when fruit is nearly ripe. **Per lb., 25c; by mail, 40c; 5 lbs., $1.00; 10 lbs., $1.80.**

Lime-Sulphur. The best remedy for San Jose scale. One gallon makes ten. Also one of the best Summer sprays, as it is an excellent fungicide. When used in Summer dilute with 20 to 30 parts water. **Per qt. can, 40c; 1 gal., $1.00; 5 gal. can, $4.50; bbl., 50 gals., 75c per gal.**

Lemon Oil. Destroys mealy bug, scale, thrip, red spider, etc. **½ pint, 30c; pint, 50c; quart, 85c; gal., $2.00.**

Horicum. Sulphur, Lime, Salt, etc., in such proportions as to make an effective wash for use as a preventitive and cure for San Jose scale. Use one gallon to 20 gallons of water and spray trees when leaves are off. **Per gal., $1.00; 5 gals., $4.50.** Write for Barrel prices.

Kil-o-Scale. One of the best remedies for San Jose scale. Perfectly soluble in water in any proportion and will stay in suspension indefinitely. **1 gal., $1.50; 5 gals., $6.75.** Write for Barrel prices.

Kerosene Emulsion. One of the best insecticides for all soft bodied sucking insects feeding openly so as to be within reach of actual contact, such as plant lice, fleas, beetles, aphis, green fly, mealy bug, also for insects of fruit trees, including San Jose scale. **Per qt. can, 40c; 1 gal., $1.00; 5 gal. can, $4.50.**

Nico-Fume. Strips of Paper strongly saturated with Nicotine. These when suspended and lighted make one of the best and simplest methods of fumigating greenhouses. Use 4 to 6 sheets for ordinary house 100 ft. long by 20 ft. wide. **Price, 24 sheets, 75c, postpaid, 90c; 144 sheets, $3.50; 288 sheets, $6.50.**

Nico-Fume Liquid. For fumigating or spraying; contains 40 per cent nicotine. **¼ pint, 50c; pint, $1.50; ½ gal., $5.50; gal., $10.50.**

Nicoticide. Fumigating or spraying compound for killing all kinds of insects on plants in greenhouses and frames. **4 ozs., 70c; ½ pint, $1.25; pint, $2.50.**

Nicotine. Highly concentrated. **Pint, $1.50.**

Persian Insect Powder. **Lb., 40c; by mail, 55c.**

Solution of Copper. For trees, vines or vegetables affected with rot, blight or scab. **Pint, 35c; quart, 60c.**

Slug Shot, Hammond's. Guaranteed to destroy potato bugs and those on tomato and egg plants, currant worms, cabbage lice and worms. **Price, 1 lb. carton, 15c; 5 lbs., 30c; 25 to 50 lbs. at 4¾c per lb.; keg of 125 lbs., net, $5.00; barrel in bulk, 250 lbs., $9.35**

Slug Shot Duster. **Each, 35c.**

Paris Green. A poisonous insecticide in powdered form, for insects which chew. When applied as a powder use one part Paris Green to 100 parts plaster or flour. As a liquid one pound Paris Green in 150 to 300 gallons water. If used on fruit trees add one pound quicklime. **¼ lb., 15c; ½ lb., 20c; per lb., 35c; 5 lbs., $1.65; 14 lbs., $4.20.**

Thrip Juice. For mealy bug, scale, thrip, codling moth, canker worm, beetles, caterpillars, etc. **Per pint, 40c.**

Rose Leaf Extract of Tobacco. An effectual insecticide for the destruction of all insects and scale on plants. Dilute with from 30 to 150 parts of water. **Pt., 30c; qt., 50c; gal., $1.25.**

Rose Tobacco Soap. One of the best for green fly on roses. **Per ½ lb. box, 25c; by mail, 30c; 2 oz. pkg., 10c.**

Tobacco Stems. For fumigating. **5 lbs., 20c; per 100 lbs., $1.50.**

Tobacco Dust. One of the best remedies for green and black aphis, fleas, beetles, etc. **Lb., 10c; by mail, 25c; 5 lbs., 25c; 10 lbs., 40c; 100 lbs., $2.50.**

Fish Oil Soap. (Commonly known as Whale Oil Soap.) Makes an excellent wash for trees and plants where insects and eggs affect the bark, including the San Jose scale; also used for smearing on trees to prevent worms crawling up. **Per lb., 15c; 2 lbs., 25c; 5 lbs., 50c.**

X. L. All-Liquid Insecticide. For spraying. English nicotine preparation, harmless to very delicate plants. Kills mealy bug, red spider and all insect pests. **Price, ½ gal., $2.00; 1 gal., $3.75.**

EUREKA WEED KILLER.

A special preparation which dissolves in water. Will destroy all weeds, moss, etc., on gravel walks, carriage drives, etc., and keeps them under for the whole season.

All who have used this preparation praise it highly. Large size tin, enough for 100 square yards of path, **$1.00; 12 lb. tin, $3.00.**

Sulphate of Iron.

A remedy for weeds on lawns for which it is claimed that it will kill dandelions without injuring the grass. To be successful, liquid should be applied with a fine spray. The lawn should be thoroughly watered and spraying should be done on bright sunny day. Full particulars on application. **5 lbs., 25c; 10 lbs., 40c; 25 lbs., 75c; 50 lbs., $1.25; 100 lbs., $2.25.**

CHINESE WORM SOAP.

Invaluable for putting greens, lawns and pot plants, effectually destroying worms and other insects without injuring the grass or the most delicate plants. Full directions with each tin. **Price, 25c.**

VAUGHAN'S GARDEN TOOLS and REQUISITES.

APRONS, Rubber. For use in watering plants, etc., made of black sheeting, ¼-yard long. **Each, $1.50, 3 for $4.35. Postage 25c each extra.**

BASKETS—Wire Hanging. (Fig. 1.) **6-inch, 10c each; 8-inch, 15c each; 10-inch, 20c each; 12-inch, 25c each; 14-inch, 30c each.**

Rustic Hanging. Diameter bowl **8-inch, each, 75c; 9-inch, 85c; 10-inch, 95c; 11-inch, $1.00; 12-inch, $1.25; 14-inch, $1.75.**

CARNATION SUPPORTS. (Fig. 2.) Model; wire, 2 rings. **Dozen, 45c; 100, $3.00; 3 rings, doz., 55c; 100, $3.50.**

DANDELION PULLER.—The Vaughan. (Fig. 3.) This is the best Dandelion Puller on the market. It is made of best steel, after an English pattern, measures 13½ inches and weighs 10 ounces. **Each, 50c; by mail, 60c.**

DIBBER. (Fig. 4.) For transplanting vegetable plants; steel point. **Each, 30c; postpaid, 40c.**

FORK. Digging or spading, 4 angular tines. **Each, 85c.**

FUMIGATORS. (Fig. 5.)

No.		Capacity.	
1	Eureka, Galvanized,	½ pk. of stems	$1.50
2	Eureka, Galvanized,	1 pk. of stems	2.00
3	Eureka, Galvanized,	½ bu. of stems	2.75
4	Eureka, Galvanized,	¾ bu. of stems	3.50

GARDEN LINE REEL. (Fig. 6.) **Each, 60c.**

GARDEN LINE. (Fig. 7.) Each heavy braided. **Per 100 feet, 50c; by mail, 60c.**

GLAZING MATERIAL.

GLASS CUTTER AND GLAZING TOOL. Each, 10c.

GLASS CUTTER, DIAMOND. Each, $3.00.

GLAZING POINTS. Van Reyper Perfect. No rights or lefts. No. 2, small, single thick glass; No. 1, large, single thick glass; No. 2½, double thick, for greenhouse and skylights. **Price, per box of 1,000, 70c; by mail, 85c.**

Seibert's Improved. Easy to drive, and made so that they will not wedge or crack the glass in driving them. They are made in 2 sizes, ⅝ and ⅞-inch long. **Price, per lb., 50c; by mail, 65c.**

MASTICA. For glazing greenhouses, hotbeds, sash, etc., much better than putty; does not crack, always remains soft. **Per gallon, $1.25.**

MASTICA MACHINE. (Fig. 10.) For applying above. **Each, $1.25.**

TWEMLOW'S OLD ENGLISH GLAZING PUTTY. Semi-liquid. To be used in same manner as Mastica. **Per gallon, $1.30.**

SCOLLAY'S PUTTY BULB. A useful tool with a tube for applying liquid putty in glazing greenhouses. **Each, 85c.** If by mail, add 10c each for postage.

GLOVES.—Gardener's. (Fig. 8.) Heavy Goatskin. **Per pair, $1.00.**

GRASS HOOKS or Sickles. (Fig. 11.)—**English.** Riveted backs, **each, 50c.**

German. The best cheap Sickle on the market; much used by cemeteries and parks, where tools get hard usage. **Each, 30c.**

GRAFTING WAX. Per ¼-lb. bar, 12c; ½-lb. bar, 20c; 1-lb. bar, 35c. If by mail, add 10c per lb.

HOE.—Draw or Field. Socket Handle. **Each, 50c.**

Combination Draw and Rake. 4½ inches cut and 4 teeth. **Each, 50c;** 6½-inch cut and 6 teeth, **60c.**

English Scuffle or Push. (Fig. 13.) **6-inch, 55c; 8-in., 65c; 10-in., 75c.**

Prong Hoe or Potato Hook. Four tines. **50c.**

Warren. The best Garden Hoe made. **Each, 70c.**

Weeding and Cultivating. Single Prong. **Each, 30c.** Double Prong. **Each, 35c.**

HORSE RADISH GRATER. (Fig. 14.) Capacity 20 lbs. of root per hour; weight, 38 lbs. **Each $8.00.**

KNIVES.—Asparagus. American. **Each, 45c; by mail, 50c.**

Asparagus, with end cut in V shape. **Each, 45c; by mail, 50c.**

Budding (Fig. 17). Ivory handle. **Each, $1.10; by mail, $1.20.**

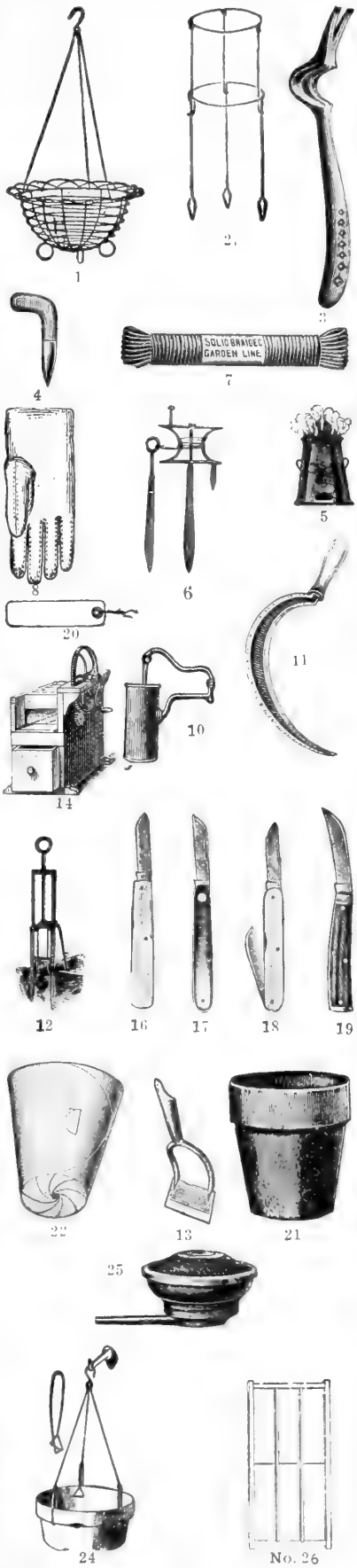
Budding. Black handle, ivory tip, strong. **Each, 85c; by mail, 95c.**

Propagating. Ivory handle. **Each, $1.10; by mail, $1.20.**

Propagating (Fig. 16). "The Vaughan," the best of all. **Each, 75c; by mail, 80c.**

Budding and Propagating. (Fig. 18.) 2 blades, ivory handle. **Each, $1.50; by mail, $1.60.**

Pruning. (Fig. 19.) Stag handle, English. **Each, $1.10; if by mail, $1.20.** American, a good tool, **75c.**



KNIVES.—German Pruning. Two blades. **Each, $1.00.**

Potato Knife. "The Humphrey." Will cut to one or more eyes without injuring the vital tissues. **Each, postpaid, 30c; 3 for 75c.**

LABELS.—Aluminum Tree Labels (Fig. 20). They are wired and measure 3¾ inches long, 1 inch wide. **Price, per doz., 30c; 100, $2.00; 1,000, $18.00.**

Class. Per doz., 25c; per 100, $2.00.

Wooden. For pots, painted.

	100	1000		100	1000
4 in.	$0.15	$1.00	6 in.	$0.25	$1.75
5 in.	.20	1.50	12 in.	.65	5.50
Tree, Copper Wired			3½ in.	.20	1.50

COPPER. Indestructible. **Small, 20c doz.; 100, $1.25; large, 25c doz.; 100, $1.50.**

CYPRESS. For use outside, will last for years, 16x1¼ in. **Doz., 25c; 100 for $1.25;** 18x1¾ in., **doz., 30c; 100 for $1.50.**

IRON AGE. Made of galvanized iron. The reading is protected by a sheet of Mica. **Each, 20c; doz., $2.00; 100 for $15.00.**

LEAF MOULD. For potting ferns and like plants. **Bbl., $1.80.**

CARBOLENIUM PAINT. Used on labels will preserve them for years. **Qt., 25c; gallon, 75c.**

MOLE TRAPS. Out o' Sight. One of the best mole and gopher traps. **Each, 85c.**

Reddick (Fig. 12), **$1.00; German,** Old Style, **25c.**

PEAT. For potting orchids, etc. **Per. bbl., $2.50.**

PEAT MUCK. For potting Azaleas. **Per bbl., $2.00.**

PENCILS, Indelible. With tip. For marking labels. **Each, 15c; doz., postpaid, $1.50.**

PLANT BED CLOTH.—For Flower Beds. Cheap substitute for glass, answering many uses equally well. 20 yards and upward, medium, **per yard, 10c;** heavy, **14c;** 50 yards and upward, medium, **per yard, 9c;** heavy, **13c;** 100 yards and upward, medium, **per yard, 8¾c;** heavy, **12½c.** We do not sell less than 20 yards of a kind.

POTS, SAUCERS, PANS.

RED FLOWER POTS (Fig. 21).—We pack these carefully but will not be responsible for breakage in transit.

	Doz.	100	1000		Doz.	100
3 -in.	.20	1.25	10.00	8-in.	1.40	10.00
3 -in.	.20	1.25	10.00	8-in.	1.40	10.00
4 -in.	.35	1.75	15.00	10-in.	each	.25
5 -in.	.45	3.50	25.00	12-in.	each	.50
6 -in.	.65	4.00	40.00			

SAUCERS, RED.

	Doz.	100		Doz.	100
3-inch	$0.15	$1.00	7-inch	$0.50	$3.50
4-inch	.25	1.50	8-inch	.80	5.00
5-inch	.35	2.00	10-inch, each	.15	
6-inch	.45	2.75	12-inch, each	.20	

SAUCERS, FIBRE, waterproof and unbreakable.

	Doz.	100		Doz.	100
4-inch	$1.00	$7.50	8-inch	$1.50	$10.00
5-inch	1.15	8.00	9-inch	1.65	11.00
6-inch	1.25	8.50	10-inch, each	.25 doz.	2.50
7-inch	1.35	9.00	12-inch, each	.20 doz.	1.80

FERN PANS, RED.

	Each.	Doz.		Each.	Doz.
6-inch	$0.07	$0.75	9-inch	$0.15	$1.50
7-inch	.08	.85	10-inch	.25	2.00
8-inch	.12	1.25			

AZALEA PANS, RED.

	Each.	Doz.		Each.	Doz.
5-inch	$0.05	$0.50	9-inch	$0.25	$2.50
6-inch	.07	.75	10-inch	.35	3.50
7-inch	.12	1.25	12-inch	.50	
8-inch	.15	1.50			

NEPONSET PAPER (Fig. 22). Made of waterproof paper and are light, clean, and unbreakable.

	Per 100	1,000		Per 100	1,000
2¼-inch	$0.35	$3.00	4-inch	$0.95	$8.25
2½-inch	.40	3.50	5-inch	1.30	12.00
3 -inch	.60	5.00	6-inch	1.85	16.50
3½-inch	.75	6.35			

POT HANGER. Kramer's (Fig. 24). Converting flower pots into hanging baskets. **Price, each, 15c; doz., postpaid, $1.35.**

POWDER GUN.—Jumbo. (Fig. 25.) **Each, 30c; small size, 10c; by mail, 15c.**

RAKES.—Steel Bow Garden. Best rake; does not break in the center. **12 teeth, 60c; 14 teeth, 75c; 16 teeth, 90c.**

Garden. 12 teeth, 50c; 14 teeth, 60c; 16 teeth, 75c.

Lawn. (See Page 140.)

RAFFIA. The best tying material for plants. **Per lb., 25c; postpaid, 40c.**

SASH HOTBED. (Fig. 26.) Unglazed, for 10-inch glass, **each, $1.35; 3 for $4.00; doz., $15.00.**

For 8-inch glass, **each, $1.15; 3 for $1.25; doz., $16.50.**

Write for prices on Glazed Sash.

VAUGHAN'S GARDEN TOOLS and REQUISITES.—*Continued.*

SAWS.—Double Edge Pruning. Holes are provided in the handle for attaching to a pole; **16-inch, 85c; 18-inch, $1.00; 20-inch, $1.15.**

Vaughan's "Perfection" Pruning. Adjustable blade, so branches can be easily removed close to the trunk of the tree. **Each, $1.85;** extra blades, **25c.**

SCISSORS.—Grape Thinning. (Fig. 28.) **Each, 60c.**

SHEARS.—Hedge. (Fig. 29.) Best imported English.

8-inch, **$1.25;** with notch.....**$1.40**
9-inch, **1.50,** with notch..... **1.65**
10-inch, **1.75,** with notch..... **1.90**

The notch is at the crutch of the blades for cutting small branches.

German Pruning. (Fig. 27.) **4½-inch. Price, each, 75c; 5½-inch, 85c; 6½-inch, 90c; 7½-inch, $1.15; 8½-inch, $1.25; 9½-inch, $1.40.** Extra springs, **each, 15c.**

California Pruning. Best grade, with double brass springs and one extra blade. **Each, $2.25.**

Levins Pruning. (Fig. 30.) One of the best pruning shears made. **Each, 50c.**

Sheep. With thumb guard. For trimming grass on edges and around flower beds. **Each, 35c.**

Sheep. Best quality steel, 6½-inch blade, **$1.25.**

Buckeye Pruning. Long handle. **Each, 75c;** large size, heavier, **$1.25.**

Clyde Draw Cut Pruner (Fig. 31). Extra strong, long handle, **$2.25.**

Improved Wire. For cutting annealed wire. **Each, 85c.**

SHOVELS.—Ames—D handle, round point. **Each, $1.35.**

Ames—Long handle, round point. **Each, $1.30.**

Ames—D handle, square point. **Each, $1.30.**

SIEVES.—For sifting soil, 18 inches in diameter, all sizes mesh from ⅛ to ¾ inch. **Each, $1.25.**

SOIL.—Potting. This is a mixture especially prepared by us and such as used at our own greenhouses. It is suitable for all ordinary plants and bulbs, and will be sent by express or freight at buyer's expense, sifted and packed ready for use. **Per pk., 35c; bu., $1.00; bbl., $2.00.**

SPADES.—Vaughan's—Special D handle (Fig. 32). **Each, $1.25.**

SPRINKLERS.—The Lenox (Fig. 33). A splendid Sprayer for in or outdoor plants, rose bushes, etc. A fine spray may be thrown under, over, or upon the foliage of any plant or shrub, removing the dust and insects. **Each, 35c; by mail, 40c.**

Scollay's Rubber—(Fig. 34). Indispensable for Floral work. **Large, $1.00; by mail, $1.10; medium, 75c; by mail, 82c; small, 60c; by mail, 65c.**

STAKES.—Green Painted Wood; very useful for tying plants, shrubs, etc.; 25 of one kind at the 100 rate.

	Per doz.	100		Per doz.	100
Light—1½ ft.	**$0.20**	**$1.00**	**Light**—3½ ft.	**$0.60**	**$4.50**
Light—2 ft.	**.25**	**1.75**	**Light**—4 ft.	**.75**	**5.50**
Light—2½ ft.	**.35**	**2.50**	**Light**—5 ft.	**.85**	**6.50**
Light—3 ft.	**.50**	**3.50**			

Heavy Dahlia—3 ft. **$0.75 $5.50**
Heavy Dahlia—4 ft. **1.00 7.00**
Heavy Dahlia—5 ft. **1.15 9.00**

	Per 100	1000
Cane Stakes—6 to 8 ft. long.....	**$1.00**	**$7.00**
Cane Stakes—9 to 12 ft. long, ex. heavy	**1.50**	**12.00**
Bamboo Stakes—4 to 6 ft. long, light Japanese cane, will last a long time especially useful for tying up pot plants	**.75**	**6.00**

GALVANIZED WIRE.—

No. 8—	Per doz.	100		Per doz.	100
1½ ft.....	**$0.15**	**$0.75**	3½ ft.....	**$0.30**	**$1.25**
2 ft.....	**.18**	**.85**	4 ft.....	**.35**	**1.45**
2½ ft.....	**.20**	**.95**	5 ft.....	**.40**	**1.80**
3 ft.....	**.25**	**1.10**			

STAND, ROLLING.—(Fig. 35.) For heavy plants. Made of indurated fibre ware. Castors have ball bearings; **12-inch, 75c; 14-inch, 85c; 16-inch, $1.10; 18-inch, $1.20; 20-inch, $1.35; 22-inch, $1.70.**

SYRINGES.—(Fig. 36.) **Brass**—14-inch, 2 sprays and one straight stream, for small greenhouses or windows, **$3.25.**

No. 5—Greenhouse syringe, 18-inch barrel, **$6.00.**

English—Brass, No. 11, 18-inch barrel, with two different sprays and one stream, **$1.00.**

Brass—For liquid insecticides. **Each, $1.65.**

THERMOMETERS.—These cannot be sent by mail.

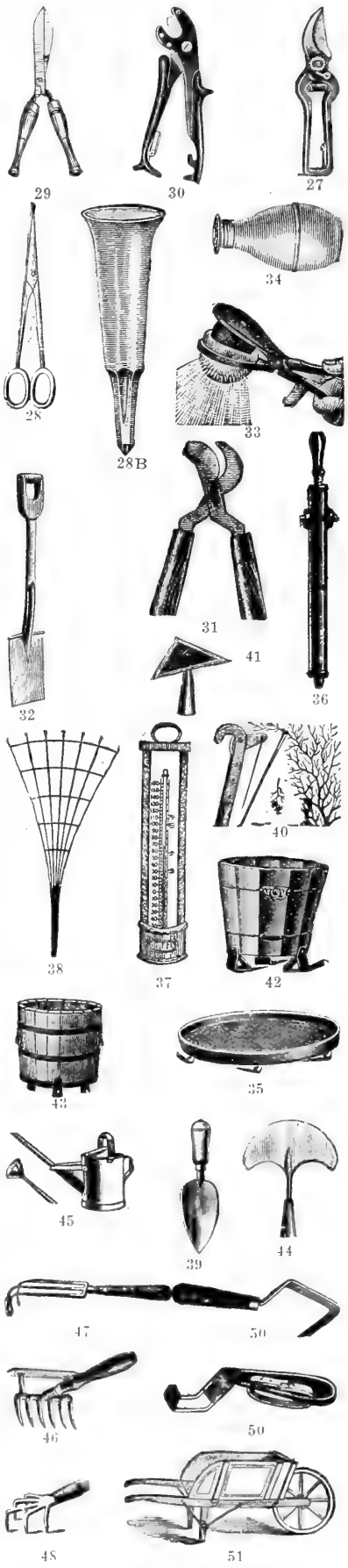
Tin Case. (Fig. 37.) **8-inch, 20c; 6 for $1.00.**

Cabinet. Wood case, **50c; 3 for $1.35.**

Imported German. All glass, very accurate for propagating and hot beds, **30c.**

Hot Bed. Brass point, wooden frame, **$2.00.**

Self-Registering. With magnet to set it, 8-inch, **each, $3.00;** registers highest and lowest temperature. Minimum for registering cold, **$1.65.**



THISTLE CUTTERS.—Narrow blade for removing thistles or weeds from lawns. With foot rest, **50c.**

TOMATO SUPPORTS.—Made of heavy galvanized wire, will last for years.

F. O. B. New York. **Each, 20c; doz., $1.75.**
F. O. B. Chicago. **Each, 25c; doz., $2.00.**

TORCH ASBESTOS.—Saturate with kerosene oil, light and hold under the caterpillars' nest and along the branches where the insects lodge. **Price, 30c; by mail, 40c.**

TRELLIS WOOD.—Fan Shape (Fig. 38). **18-inch, 15c; 3 for 40c; 24-inch, 25c; 3 for 60c; 30-inch, 30c; 3 for 75c; 36-inch, 50c; 3 for $1.25; 3½-feet, 21 inches wide, 60c; 4-feet, 27 inches wide, 75c; 5-feet, 32 inches wide, 85c; 6-feet, 38 inches wide, $1.00; 7-feet, 42 inches wide, $1.20.**

Veranda.—18-inch wide, 5 feet, 75c; 6 feet, 85c; 7 feet, $1.00; 8 feet, $1.20; 9 feet, $1.30; 10 feet, $1.50.

TROWELS.—Vaughan's Steel. (Fig. 39.) One solid piece of steel and will outwear all others. **Each, 50c; 3 for $1.40. Postpaid, each, 60c.**

Ordinary Garden. 6-inch, **each, 12c;** prepaid, **20c;** 7-inch, **each, 15c;** prepaid, **23c;** 8-inch, **each, 20c;** prepaid, **28c.**

English Steel. 6-inch. (By mail add 10c), **25c.**

Cleve's Angular. By mail, **25c.**

TREE PRUNERS.—Water's. (Fig. 40.) Length of pole, **4 feet, 60c; 6 feet, 75c; 8 feet, 90c; 10 feet, $1.00; 12 feet, $1.10.**

Extra knives, **each, 20c.**

Lee's New Pole Tree Pruner. Without pole, **$1.00.** Extra springs, **15c.**

TREE SCRAPER.—(Fig. 41.) With handle. **Each, 75c.**

FLOWER TUBS.—Columbian. (Fig. 42.) Made of the best pine lumber. Has 12 staves in tapered shape held together by two steel wires. Natural varnish finish. Measurements are outside of tub.

F. O. B. Chicago only.

12 by 11 inches.....**Each, $1.00; 3 for $2.75**
15 by 14 inches.....**Each, 1.50; 3 for 4.00**
18 by 16½ inches.....**Each, 2.00; 3 for 5.25**
21 by 18½ inches.....**Each, 2.50; 3 for 6.75**
24 by 20½ inches.....**Each, 3.00; 3 for 8.00**

Union Cypress. (Fig. 43.) These tubs are made of ⅞-inch cypress, which insures their keeping for years without rotting. Measurements are outside of tub.

No.		
1—13½ in. diam., 12-in. high.	**Each, $1.00; 4 for $3.60**
2—14 in. diam., 14-in. high.	**Each, 1.25; 4 for 4.60**
3—16 in. diam., 16-in. high.	**Each, 1.50; 4 for 5.25**
4—19 in. diam., 18-in. high.	**Each, 2.00; 4 for 7.25**
5—21 in. diam., 20-in. high.	**Each, 2.80; 4 for 10.50**

TURF EDGER.—American (Fig. 44). **Each, 50c.**

English. Imported steel blade only, **$1.00.**

VASE.—(Fig. 28B.) **Clara Cemetery.** Glass, 12 in., sharp pointed, **50c.**

Fibre. For Cut Flowers. Unbreakable.

9¼ in. deep, 4¾ in. wide.....**Each, $0.45**
11 in. deep, 6 in. wide.....**Each, .50**
13 in. deep, 6¼ in. wide.....**Each, .60**
21 in. deep, 9 in. wide.....**Each, .90**

WATERING POTS.—American (Fig. 45). Heavy galvanized round can, two copper-faced roses, long spout; **4 quart, $1.75; 6 quart, $2.00; 8 quart, $2.25; 10 quart, $2.50; 12 quart, $2.75.**

French Style. Oval, otherwise same make as above; **6 quart, $2.25; 8 quart, $2.50; 10 quart, $2.75; 12 quart, $3.00.**

WEEDERS.—Combined (Fig. 46). **Each, 25c.**

Eureka (Fig. 47). The best little hand weeder for loosening soil around plants that we know of. **Short handled, 25c; long handled, 35c.**

Excelsior (Fig. 48). **Each, 10c.**

Hazeltine Each, 20c.

Langs (Fig. 50). This we find to be by actual trial a first-class labor saver. **Price, each, 20c; postpaid, 25c.**

WHEELBARROWS.—The Globe Garden (Fig. 51). Inside measurement of box, 30 inches long, 19 inches wide at wheel end, 24 inches at handle end, 12 inches deep. Has a 20-inch wheel. **Price with steel wheel, $3.60.**

The Vaughan Greenhouse. We have had numerous calls for a wheelbarrow which could be used in a greenhouse, the ordinary barrow being too wide for that purpose, and we had built for us a special barrow which will fill this want perfectly. **Price, each, $5.00.**

GARDENERS' REGISTER.

High-class men, with good records, can be obtained at VAUGHAN'S SEED STORES, **Chicago and New York.**

"IRON AGE" Farm and Garden Tools for '09.

A COMPLETE DESCRIPTIVE "IRON AGE" CATALOGUE SENT FREE ON APPLICATION.

The "Iron Age" Garden Tools are made "on honor" from the best of material and with the best workmanship. We have sold garden tools for a quarter of a century and we know of no better line than the "Iron Age." They cover all the requirements of cultivation and sowing. They do all that garden tools can do to the ground, on the ground and in the ground. Once used always kept.

PREPAID.—Orders for these Tools or for Seeds and Tools (Seeds not prepaid unless so offered on other pages) amounting to $7.50 will be prepaid to any railroad station in the United States within five hundred miles of Chicago or New York.

The No. 6 "Iron Age" Combined Double Wheel Hoe, Hill and Drill Seeder.

This tool is without question the most practical and complete combined garden tool ever offered the public—the ease and simplicity of adjustment, the lightness combined with great strength, the accuracy by which it drills or hills the seed, and the small amount of power required to operate it, are the important features. The wheel is made of steel, 16 inches high, the frame of pipe, coupled to malleable castings. In each form, whether a Seed Drill, a Double Wheel Hoe, or a Single Wheel Hoe, it is equal to any tool or tools made especially for the one purpose. It places the seed in drills or in hills as at 4, 6, 8, 12 or 24 in. apart. Complete as in cut. **Price, $12.00.**

PRICE COMPLETE $12.00

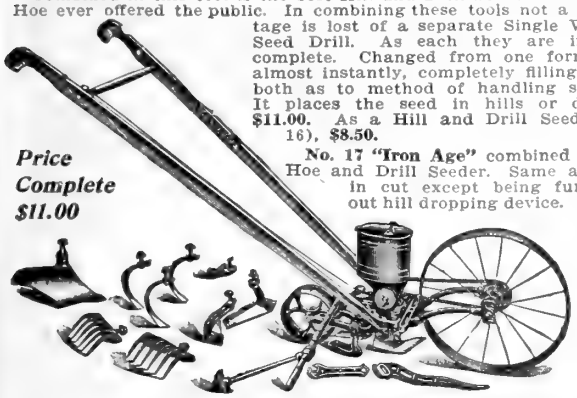
No. 15 "Iron Age" Combined Single Wheel Hoe, Hill and Drill Seeder.

Combined in this tool is the best Hill and Drill Seeder and Single Wheel Hoe ever offered the public. In combining these tools not a single advantage is lost of a separate Single Wheel Hoe or Seed Drill. As each they are in themselves complete. Changed from one form to another almost instantly, completely filling every desire both as to method of handling seed and soil. It places the seed in hills or drills. **Price, $11.00.** As a Hill and Drill Seeder only (No. 16), **$8.50.**

No. 17 "Iron Age" combined Single Wheel Hoe and Drill Seeder. Same as tool shown in cut except being furnished without hill dropping device. **Price, $10.00.**

No. 18 "Iron Age" Drill as a seeder only **$7.50.**

Price Complete $11.00



No. 12 "Iron Age" Wheel Plow and Cultivator.

In the accompanying cut we show a tool of exceeding lightness but of great strength, which is designed to do a greater variety of work than any other tool of the same price. It will accomplish all the work in cultivating needed to be done in a small kitchen garden, plowing, furrowing, covering, hoeing, raking and cultivating. This tool is emphatically a friend of those who can afford only to invest a small amount of money in a garden tool, and whose moments in a garden must be devoted to "straight ahead" work. **Price, $3.50.**

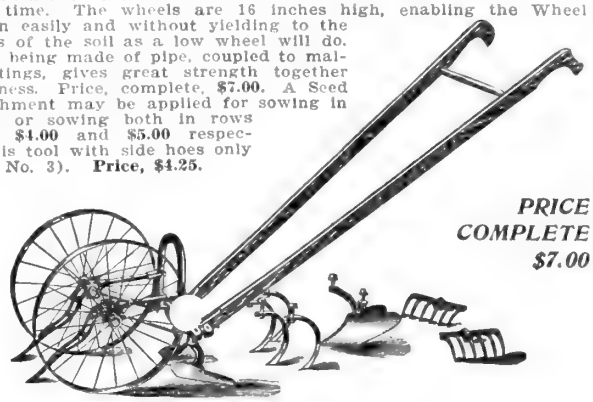
Iron Age. No. 11, this tool, with plow only. **Price, $2.50.**

PRICE COMPLETE $3.50

No. 1 "Iron Age" Double and Single Wheel Hoe.

Wheel Hoe form of the No. 6 opposite. One great advantage which this double Wheel Hoe possesses is, that it can be made into a practical Single Wheel Hoe in a moment's time. As a double wheel it may be used astride the row and thus cultivate both sides of the row at the same time. The wheels are 16 inches high, enabling the Wheel Hoe to run easily and without yielding to the inequalities of the soil as a low wheel will do. The frame being made of pipe, coupled to malleable castings, gives great strength together with lightness. Price, complete, **$7.00.** A Seed Drill attachment may be applied for sowing in rows only, or sowing both in rows and hills, **$4.00** and **$5.00** respectively. This tool with side hoes only (Iron Age No. 3). **Price, $4.25.**

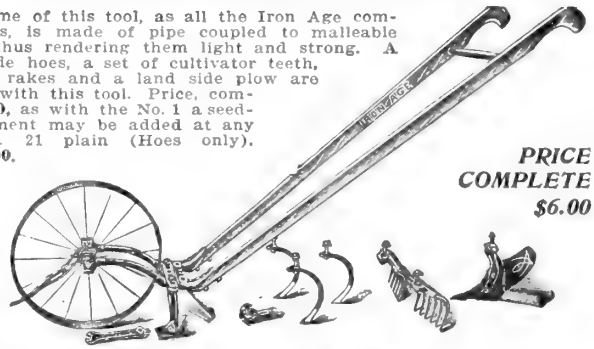
PRICE COMPLETE $7.00



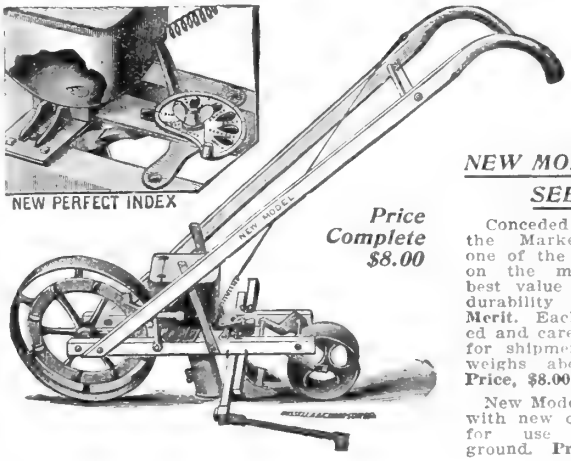
No. 20 "Iron Age" Single Wheel Hoe.

The frame of this tool, as all the Iron Age combined tools, is made of pipe coupled to malleable castings, thus rendering them light and strong. A pair of side hoes, a set of cultivator teeth, a pair of rakes and a land side plow are furnished with this tool. Price, complete, **$6.00,** as with the No. 1 a seeder attachment may be added at any time. No. 21 plain (Hoes only). **Price, $4.00.**

PRICE COMPLETE $6.00



NEW PERFECT INDEX



Price Complete $8.00

NEW MODEL SEED DRILL.

Conceded to be for the Market gardener one of the best seeders on the market. The best value in material, durability and **True Merit.** Each Drill crated and carefully packed for shipment. Packed weighs about 40 lbs. **Price, $8.00.**

New Model Drill No. 2 with new opening plow for use in trashy ground. **Price, $8.00.**

PRICE COMPLETE $11.00

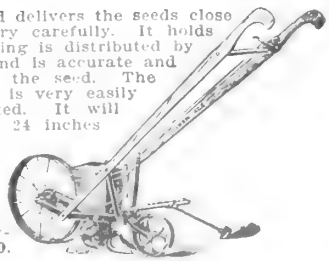
The No. 4 "Iron Age" Combined Double Wheel Hoe and Drill Seeder. This tool is similar to the No. 6 "Iron Age" combined tool. Instead of placing seed in both hills and drills, it places it only in drills. **Price, $11.00.**

THE "IRON AGE" SINGLE WHEEL HOE CULTIVATOR and RAKE No. 9.

Price, $5.25.

No. 8 "Iron Age" Hill and Drill Seeder.

The hopper is low, and delivers the seeds close to the ground and very carefully. It holds four quarts. The feeding is distributed by the revolving brush, and is accurate and even without injuring the seed. The distance between hills is very easily changed and regulated. It will drop 4, 6, 8, 12 and 24 inches apart. It will not clog under any circumstances. By hooking out the small lever the same is changed from a hill dropper to a sowing drill. **Price, $11.00.**



"Iron Age" Farm and Garden Tools for 1909—Continued.

SPECIAL DELIVERY OF GARDEN TOOLS.

By reason of our central location at Chicago and New York City, and by special arrangement with seedsmen known to us in other large cities, we are prepared to make QUICK SPECIAL DELIVERY of both Iron Age, Planet Jr., and other gardening tools generally within 2 days from receipt of order, often in one day. Remember and send us your order for these tools and get promptest shipment.

No. 22 "IRON AGE" Combined Fertilizer, Distributer, Hill and Drill Seeder.

This tool applies the fertilizer in connection with the seed, just where it will do its greatest good; or, by the use of the same tool in its other form (without seeder), by applying quick acting fertilizers to growing plants. The opening plows are immediately followed by the coverers which draw the soil over the fertilizer just deposited. The Fertilizer Distributor contains a force feed device which prevents stoppage by small lumps. The Seed Sowing Device is the same as used on Nos. 6 and 15 Combined Seed Drills. The seed may be sown in rows or dropped in hills. **Price, $18.00.** Iron Age No. 23, as a Fertilizer Distributor only, **$13.00.**

PRICE COMPLETE $18.00

No. 25 "IRON AGE" Fertilizer Attachment.

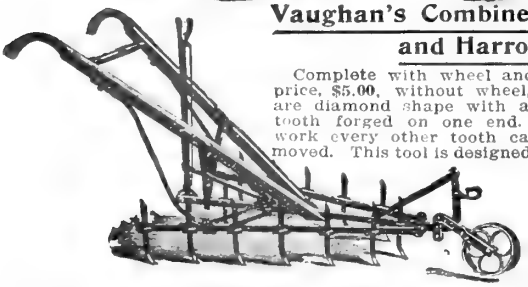
This Hopper holds four quarts. It may be applied to many of the "Iron Age" tools as Nos. 1, 4, 6, 15, 17 or 20 in the same manner as the seeder attachment, thus making a complete Fertilizer Distributor. With the "Iron Age" Fertilizer Distributor, fertilizer may be sown across the bottom of the furrow or on either side so it will not come in contact with the seed and possibly injure it; or, the tool may be used for side dressing the growing crops. Side dressing often forces a crop to mature earlier, becoming more tender and salable. The tool is light in weight and very strongly built. **Price, $4.50.**

No. 19 "IRON AGE" Wheel Plow and Cultivator.

PRICE COMPLETE $3.25

This tool is adapted to localities desiring an extra high wheel. Another feature, as with all "Iron Age" tools, is the combination of lightness with great strength. The wheel is 24 inches high. The frame is made of steel throughout. The working tools consist of a landside plow, rake, scuffle hoe and two cultivator teeth. **Price, $3.25.**

Vaughan's Combined Cultivator and Harrow.



Complete with wheel and lever expander, price, **$5.00**, without wheel, **$4.50.** Its teeth are diamond shape with a small cultivator tooth forged on one end. For very close work every other tooth can be quickly removed. This tool is designed especially for the cultivation of berries and small crops, as it thoroughly pulverizes the soil but at the same time throws very little earth.

"Iron Age" No. 6 Horse Hoe and Cultivator.

We can recommend to all of our customers as being one of the best tools made. **Price,** as in cut, **$8.00;** without Furrow Closing Attachments, **$6.25,** with Plain Wheel and without Furrow Closing Attachments, **$5.75.** Furrow Closing Attachment, **$1.25.**

The Gem Cultivator.

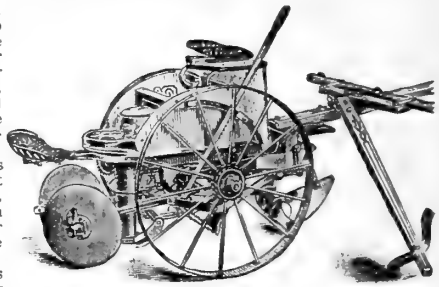
Is without doubt one of the most popular and best of all the hand cultivators made. Over twenty thousand have been sold, over half of them through Vaughan's Seed Store, since they were introduced, and all have given satisfaction. It is a most practical tool and made of the best material only.

Single Wheel Gem No. 1 includes 5 stirring teeth, 1 narrow shovel, 1 wide shovel, 1 pair plows. **Price,** not prepaid, **$5.00.**

Hand Corn Planter.

"The Eagle." This is a rotary planter, having three different sized plates, which can be put in or taken out as needed in the easiest possible manner. One of the most popular. **Each, $1.25.**

Iron Age Potato Planter.



A great labor saver. Will plant from four to seven acres per day. One of the members of our firm uses both Planter and Digger on his farm, and we know they will give satisfaction. Write for full descriptive circular.

Nos. 3 and 4 Planters are designed to plant especially large cut seed, weighing not less than about 4 ounces. In other respects the planters are the same.

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Just as indispensable as the Planter, and we have no hesitation in recommending it. Write for descriptive circular.

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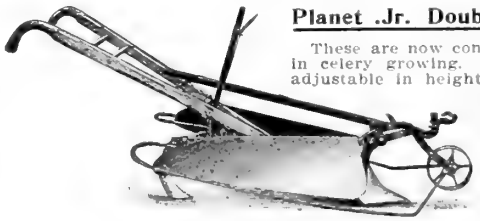
Planet Jr. Double Celery Hiller.

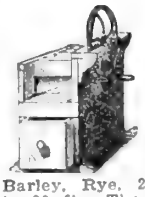


These are now considered indispensable in celery growing. The leaf lifters are adjustable in height, and are especially valuable for first workings. Fitted with lever wheel, hilling blades, 43 inches long, adjustable in height or width as wanted. **Price, $15.00.**

"Planet Jr." Single Celery Hiller.

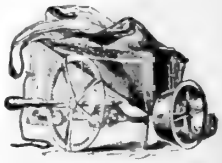
This runs lighter than the double, and throws rather higher; it works any width rows. Where market gardeners plant close and first bleach every other row, it is "just the thing." It is also excellent help for burying the crop. **Price, $12.00.**

Horse Radish Grater.



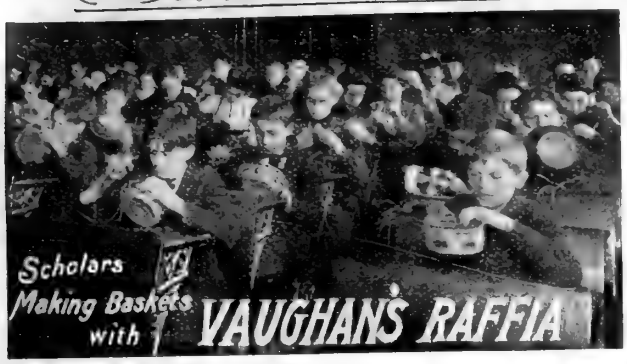
The best grater on the market. It is made with steel pins in the cylinder, and when worked properly will grate 20 pounds per hour. **Price, $8.00.**

Cahoon Seeder.



It will seed evenly, 4 to 6 acres per hour. It will scatter the following distances: Wheat, Barley, Rye, 25 ft.; Clover and Timothy, 18 to 20 ft. The bag and hopper hold about 22 quarts. Weight, 5¾ pounds. **Price, each, $3.00.**

Ask for complete Iron Age Catalogue, mailed free on request. Any tools not listed on these pages can be obtained from the factory on short notice.



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The Raffia which we import is the finest grade to be obtained on the island, and should not be compared with the cheaper coarse material offered by many and used principally as tying material in gardens and nurseries. Besides the natural shade, we have it in fourteen different colors, a sample card of which will be mailed upon request.

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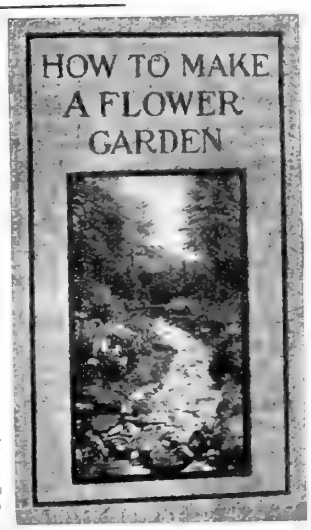

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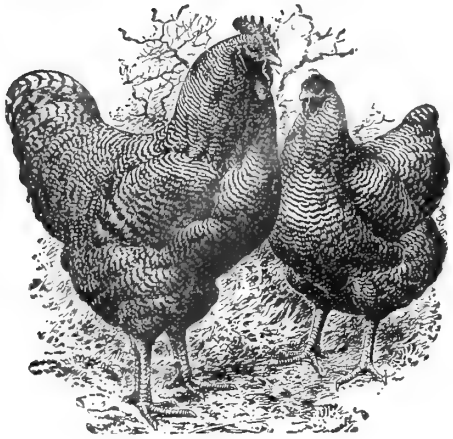

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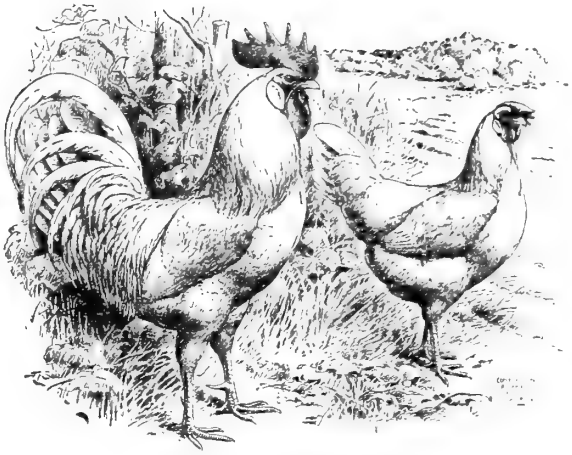

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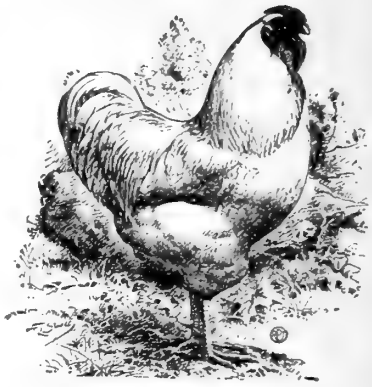

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THOROUGHBRED POULTRY.

We will not attempt to give a full list of poultry because of so many varieties, and quality or value depends upon the stock wanted. Please describe fully your wants and we will gladly quote you the lowest possible prices consistent with quality on any breed we can furnish.

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We contract each year with reliable breeders whose pens are mated with careful attention to fertility of eggs. We carry no eggs in our stores, but supply fresh laid stock from the pens after receiving your order. Shipments are carefully packed and forwarded by express from the yards. While we take the greatest care to maintain purity of stock, fresh eggs, and careful packing, there are so many risks involved that we can at these prices give no guarantee whatever regarding the results.

If eggs are wanted at Chicago Store, add 25 cents per setting to list prices, add 35 cents extra for two settings, and 50 cents per 100 eggs for large lots, to cover express charges to store. We supply incubator eggs for such varieties as we can for $9 to $15 per 100.

No eggs are likely to hatch that are placed under a lousy or unsteady hen, or in an unclean or loosely constructed nest. If eggs are received from a long distance by rail do not set until resting them twenty-four hours.

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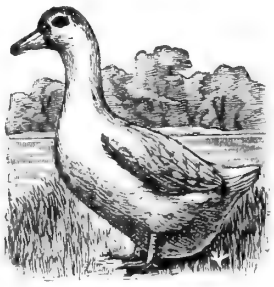

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If this catalogue does not contain what you want in poultry and pigeon supplies, write us at once and we will gladly give you any and all information that we can.

Prices on Poultry Supplies are F. O. B. Chicago, where we carry our stock.

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: : VAUGHAN'S INCUBATOR PAGE. : :

DIFFUSION INCUBATORS.

To those who desire to rear as well as to hatch chicks and ducks, the selection of an incubator is of vital importance. The high death rate experienced with chicks the first ten days is more frequently due to imperfect incubation than to any other cause. Too many incubators of to-day are constructed with reference solely to hatching the desired number without considering the manner in which they are brought into existence.

Weak, anaemic chicks lacking in strength and vitality are of no value if you hatch thousands, hence, the importance of carefully considering the merits of an incubator in this direction before making a selection.

The fact that an incubator is offered to the prospective buyer at a price, which is frequently not over one-half the amount asked by **reputable** manufacturers who have been in the business very many years, should in itself be sufficient to cause a careful person to stop and consider the why and wherefore of such, it is simply because there is just that **difference in quality**.

Would you not select a machine for hatching that possessed more and greater claims for your preference than merely the price at which one is sold. It is a **Prairie State Incubator** that produces strong **livable**, chicks, a machine which imbraces the most advanced ideas in artificial incubation and so automatic in operation that your constant attention is wholly unnecessary.

The Prairie State Sand Tray Incubators have proven themselves by thousands of tests both in the hands of the novice as well as in comparative results obtained by the large poultry plants using different makes of incubators

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"PRAIRIE STATE" INCUBATORS

The enviable reputation gained for these goods has been acquired solely by their efficiency and in accomplishing the desired results in the most approved manner. The successful construction of Prairie State Incubators was made possible by actual tests in connection with setting hens and a knowledge gained of the requirements that were necessary to make a machine as effectual as mother hen in hatching **strong, livable chicks.**

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MOISTURE—Is constantly supplied in the most effective manner by the use of the large sand pan and have proven its great value as applied in producing **all the chicks** possible and such as have enough vitality to grow and develop.

FIXTURES.—Everything required is furnished including egg tester, lamp and trays.

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Before going into detail with the old hen and her method of hatching, let us say a few words about the factors involved in changing an egg to a chick. The ordinary incubators of to-day can only reproduce the principal elements necessary in artificial incubation, such as heat, air and humidity. There are others, the lack of which account for the difference in the kind of chicks hatched in an incubator and those hatched under a hen.

Here is where we have made a big step forward during the past year. We started out to incorporate these "other factors," and we did, with the result that we have produced a machine which not only has the highest hatching powers of any yet made by us or any one else, but hatches chicks that are **larger, stronger** and a much greater per cent of them live, thrive and mature.

In fact we have hatched chicks time and again that experts declared were never hatched in an incubator because they looked so different and acted so much like those hatched by the hen. If that is not proof that we have the greatest hatcher ever put on the market we don't know what better could be offered. It's the greatest "step ahead" in artificial incubation yet attained, and when you have read how we accomplished such remarkable results you will not be so much surprised. We have simply exemplified nature—that's all.

INCUBATOR Jr. No. 2

The No. 2 Junior Incubator is a good low-priced machine. It has the highest hatching power of any machine upon the market, outside of our "Radio-Diffusive" Prairie State; in all respects being equal, except it does not have as heavy a case, nor will it operate in a room of as high a temperature. That is, we do not mean to say the machine can not be operated in a warm room, but when operated in a warm room the lamp has to be turned down, whereas the other machine does not.

This machine is for the farmer, the poultryman or those who raise poultry in limited numbers, and owing to their small size, to reduce the care and attention required to the minimum, or the lack of experience in operators, every automatic feature that could be incorporated in an incubator has been used without a multitude of parts; no trap-doors, felts or tubes to bewilder or confuse the user. It comes the nearest to putting in your eggs and taking out your chicks of any incubator with which we are acquainted.

TESTIMONIAL.

MEADOW BROOK STOCK FARM, LEAVITTSBURG, OHIO.
MY DEAR SIR: July 15, 1907.

As we have run the Prairie State Incubators in competition with other machines and under exactly the same conditions since the first of the season, we are pleased to submit to you a report of the results. We use a card system on all incubators and brooders, which makes results undisputable. Incubator cards show an average of 90% of fertile hen eggs and 88% of fertile duck eggs hatched in the **Prairie State Machines,** while the other machines show an average of 65% to 70%. The brooder cards show a loss of but 10% of Prairie State hatched chicks as against 50% loss of those hatched in the other machine.

Our new brooder house equipped with twenty-five No. 5 Prairie State Brooders has given the best results and the No. 1 Colony Brooders are simply perfection.

Yours respectfully,
E. E. CRONSER, Supt.

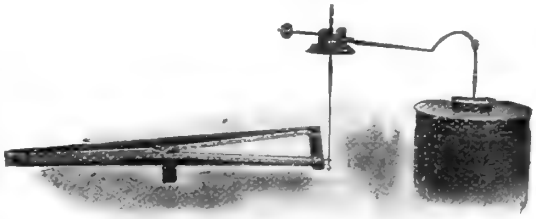
THE EDDY--CURRANT DISTRIBUTOR FOR DIFFUSION INCUBATOR.

We use the "Eddy-currant" as a vehicle for carrying the hot air to the cold parts of the machine, thus changing it from a detrimental to a beneficent feature. The greater the difference of temperature in the radiator, the more rapid is the induced circulation. We practically secure by means of a gravity circulation the same result that is attained by a mechanical agitator in the radiator.

The ventilating currant in the egg-chamber, does not in any way influence the automatic heat distribution, nor is the heat distribution affected by the width of the opening of the regulator valve.

The distribution of heat is more uniform under greater ranges of temperature than in any other incubator.

The heat is so uniformly distributed that we use a flat tray in the largest machine. The flat-bottom tray conduces to the quickness and ease of turning.



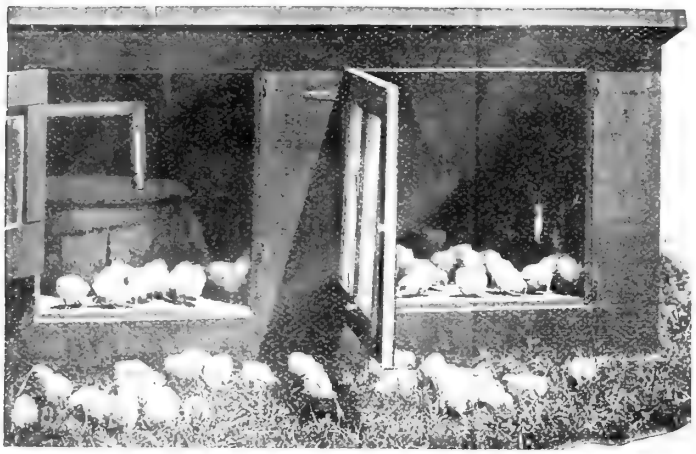
INCUBATOR REGULATOR.

The thermostat is of entirely new design, constructed of heavy channel steel with triangular form with channel zinc toggles in the center. It is very powerful and sensitive. The rivets we use in assembling are three-sixteenths of an inch and one-fourth of an inch, respectfully, in diameter, having from ten to twenty times the strength in construction of methods used by other manufacturers in assembling toggle-joint thermostats. The thermostat will not collapse nor break in use, has five times the thrust of the thermostat we have used heretofore and we had no complaints in regard to the efficiency of our former regulators.

PRICE LIST OF INCUBATORS

No. 0.—Diffusion, 100 hen eggs—87 lbs. net weight; 135 lbs. crated	$18 00
No. 1.—Diffusion, 150 hen eggs, 115 duck eggs—108 lbs. net weight; 160 lbs. crated	22 50
No. 2.—Diffusion, 240 hen eggs, 200 duck eggs—175 lbs. net weight; 240 lbs. crated	32 00
No. 3.—Diffusion, 390 hen eggs, 300 duck eggs—220 lbs. net weight; 275 lbs. crated	38 00
No. 2.—Standard, 220 hen eggs, 190 duck eggs—155 lbs. net weight; 220 lbs. crated. (1906 Model)	21 00
No. 3. Standard, 360 hen eggs, 290 duck eggs—205 lbs. net weight; 285 lbs. crated. (1906 Model)	26 00
No. 2.—Junior, 115 hen eggs, capacity—70 lbs. net weight; 95 lb. crated	15 00
No. 1.—Special, 120 eggs capacity. (1905 Model)	12 00

VAUGHAN'S BROODER PAGE.

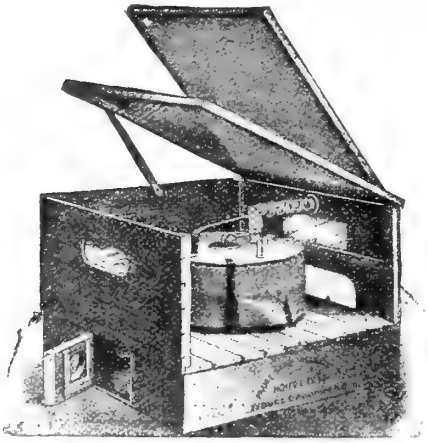


COMBINATION No. 1 COLONY BROODER.

"THE POULTRYMAN'S FAVORITE."

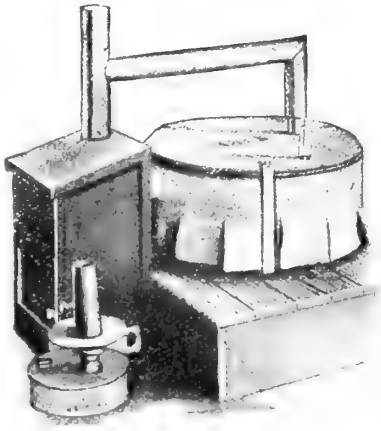
The proper device for rearing is just as necessary as a good machine for hatching. For outdoor use, the Combination Colony House Brooders have no equal. Being carefully built, they maintain the desired temperature as well as the best ventilation under all the varying conditions of weather. Zero weather has no ill effects and you can rest assured that your chicks are safe and comfortable either with a rain, hail or snow storm raging outdoors. Large and convenient, they are all one could desire; the sanitary conditions are easily maintained because of the plan of construction.

NO. 5 INDOOR BROODER



Indoor Brooder No. 5 is the most convenient brooder ever constructed, being easy to clean and operate. Every part is accessible and removable. The removable upper case used on this brooder overcomes the most serious objection to indoor brooders, as with it, it is possible to suit any plan of building, as the chick exit door and the lamp door can be fixed to suit any arrangement of doors or windows. The arrangement of the case with its muslin lid, gives perfect ventilation without draughts and the hover permits three gradual changes of temperature before the chick gets outside, preventing chills and sudden changes and hardening the chicks for out of doors.

PRAIRIE STATE UNIVERSAL HOVERS.



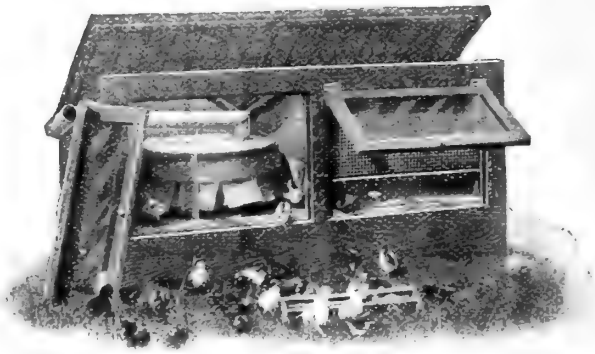
This device is what we use in all of our popular colony brooders. On account of its adaptability to so many varying conditions and the fact that it furnishes the heat needed in all kinds of weather makes it valuable to everybody.

The hover can be used in any style of box, brooder or colony house, having two feet square or more of space—requires no cutting of floors, furnishes a top heat and does not weaken your chicks with the bottom heat. After the chicks do not require artificial heat, the hover may be removed to another box or house, and roosts placed in house No. 1 for use of the first chicks produced.

It is practical, successful and economical.

PRICE OF UNIVERSAL HOVERS.

Hover, with lamp case, smoke conductor' lamp and thermometer.....$7 00
When used indoors alone, lamp case is not required.
Hover and lamp with smoke pipes.....$6 00
With regulator attached, $1.00 extra.



No. 2 COLONY BROODER.

The sides and floor of this outdoor brooder are made of tongued and grooved chestnut or poplar boards one inch in thickness. The roof of one-half inch boards, with dead air space and heavy strawboard insulator, all of which is covered with the best quality of roofing tin, carefully fastened with nails and covered with several coats of best grade anti-rust paint. The whole roof being hinged, may be easily removed to reach the interior.

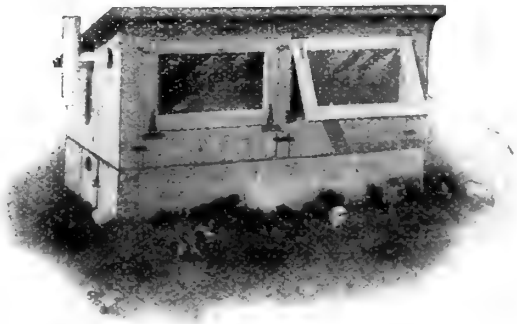
Size—The brooder is 60 inches long, 30 inches wide, 20 inches high in rear and 30 inches high in front.

The interior is divided into two large compartments by a movable wooden partition—the nursery room and sun parlor, or exercising room; the floor throughout being on a level, and 8 inches from the ground.

Between the nursery and exercising room is an opening 18 inches wide, with a wooden door, hinged to open and close at will, so when desired the chicks may be confined in either apartment. With the wooden door opened, the space is covered with a heavy felt curtain, slitted to permit easy passage of the chicks back and forth.

Two glass doors, 26x14 inches, furnish access to the chicks confined. A movable door below the glass door brings each opening level with the floor and permits easy cleaning of each apartment. The brooder is particularly economical in use of oil.

No. 3 COLONY BROODER.



This brooder is constructed on the same general plan and lines as the larger Colony Houses and has proven equally satisfactory in practical use. We believe it is the best brooder that has ever been offered to poultry raisers for the money.

It is constructed of tongued and grooved chestnut and poplar boards one inch thick, with the exception of the roof, which is made of one-half inch lumber covered with paper insulation and dead air space between, the whole roof being covered with the best roofing tin and well painted.

Dimensions of this brooder are 4 feet long and 27 inches wide; rear 19 inches high and 28 inches in front.

PRICES OF COMBINATION COLONY BROODERS.

No. 1.—(Outdoor) Floor space 36x72 inches—weight, crated, 300 lbs.....$20 00
No. 2.—(Outdoor) Floor space 30x60 inches—weight, crated, 208 lbs..... 16 00
No. 3.—(Outdoor) Floor space 27x48 inches—weight, crated, 150 lbs..... 12 00
No. 5.—(Indoor) Floor space 36x36 inches—weight, crated, 100 lbs..... 12 00
Heat regulator attached to any of the above brooders $1.00 extra.

SEND FOR COMPLETE CATALOG.

TESTIMONIAL.

POTSDAM, OHIO, June 12, 1906.

MY DEAR SIR.—I have had the Combination Colony Brooders, No.1, in operation for four or five weeks now, and to say that I am well pleased with them is expressing it rather lightly. My experience with them justifies me in saying that, given proper care and attention, they will raise every livable chick placed in them; in other words; I believe them to be capable of giving maximum brooder results.

With best wishes for your success and with personal regards, I beg to be and remain, Very cordially yours, R. B. SANDO.

Vaughan's Chick Food.

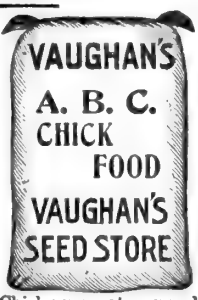
This contains all that is necessary for chickens until they are four or five months old, except water (skimmed sweet milk is best) to drink, and clean fresh grass or green feed. With proper care and attention to their surroundings this Food will raise every chick. Never feed more than they will eat up clean and make them hunt or scratch for most of it. Turn food out and mix well together, as grit and small seeds settle to the bottom of packages

GRADES.

A—For chicks up to 4 weeks old.
B—For chicks 4 to 8 weeks old.
C—For chicks 8 weeks to 4 months old.

NET PRICES.

100-lb. bags	$2 75
50-lb. bags	1 50
25-lb. bags	1 00
5-lb. carton	25



Chicks grow strong and healthy if fed with Vaughan's Chick Food

Vaughan's "Wonder" Turkey Feed.

This preparation is a complete Turkey food fit to be fed from infancy to maturity. It gives the delicious morsel in the most economical manner. Its results are astonishing. This is a long-looked-for food as we all know young turkeys are delicate birds and therefore must have more care than chickens. One half the loss is caused by bad feeding. The results are noticeable from the time you start feeding this.

100 lbs	$2 50	25 lbs	$0 75
50 lbs	1 25	5 lbs	25

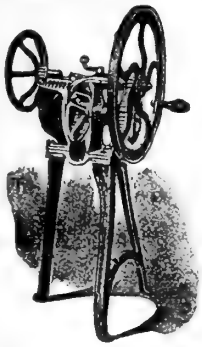
VAUGHAN'S CEREAL MIDDAY MASH—For Young Chicks.

A good mash for young chicks is quite essential to their good health, and the difficulty hitherto existing in feeding mashes to young chicks was the liability of bowel trouble and danger of catching cold, etc. This has been overcome in our Vaughan's Cereal Mash. It is a thoroughly cooked, predigested food, and can be fed to chicks with the assurance of seeing a marked improvement right from the start. It is prepared by the simple addition of skimmed milk or warm water.

Price per 5-lb. package	$0 20	Price per 50-lb. bag	$1 25
Price per 25-lb. bag	80	Price per 100-lb. bag	2 50

BONE CUTTERS.

THE HUMPHREY BONE MILL.



NO. 1 HUMPHREY.

The Hopper is an open bowl tapering from top to bottom and closed on one side by the revolving head casting carrying 4 cutting knives, and on the other by the pivoted wing. The cutting head consists of a disk nine inches diameter with four slots radiating at right angles from a common center, with heavy braces in the back to insure strength, and with recesses in the face in which the knives are placed even with surface of the plate. The power is applied by the double leverage secured by having the turning handle at the outer edge or rim of a large fly wheel, the axel of which is a small cog wheel which engages with a larger wheel, to which cutting knives are attached, thus securing a great force with the smallest possible expenditure of energy.

The No. 2 Humphrey in appearance is the same as No. 1, but is made from heavier patterns and supplied with a pulley wheel made to run by power.

No. 1. Hand Power	$12 00
No. 2. Power only	13 50
No. 2½. Hand and Power	15 00

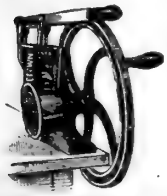
MANN BONE CUTTERS.

No. 5B. For bench use. Price, $8.00.

No. 7 is intended for a flock of 50 to 100 hens. Weight, 107 pounds. Price, $12.00.

Mann's No. 9. The description of No. 7 will apply to this machine. The difference consists in larger cylinder, greater holding capacity, different design and larger table. Weight, 163 pounds. Price, $18.40.

CROWN BONE CUTTER.



This machine cuts meat or bone equally well. It has steel knives which can easily be taken out, sharpened and replaced. The cutter is always ready, quickly cleaned, turns easy and cuts fast. The material to be cut is in hopper and pressed down with a lever which requires very little pressure by the operator. It is furnished with stand complete, or can be fastened to a bench instead.

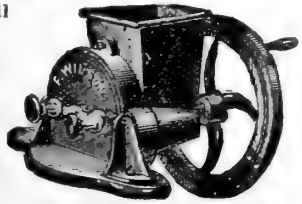
PRICES.

Weight, with stand, 80 lbs.	Price $8 00
Weight, without stand, 50 lbs.	Price 6 00

WILSON DRY BONE MILL.

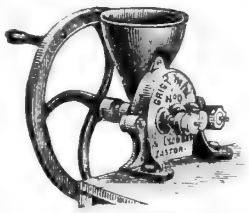
This Mill will grind dry bones, shells, all kinds of grain, gravel, stones and old crockery

Price, without stand, $5.00; weight, 33 lbs. Price, with stand, $7.00; weight, 64 lbs. Diameter of hand wheel, 22 inches.



NO. 1 DRY BONE, SHELL AND CORN MILL.

WILSON No. 0 MILL.



NO. 0 FAMILY GRIST MILL.

This Mill is especially made for grinding Graham flour or corn-meal for table use. It can also be adjusted for cracking grain if desired. The grinding surfaces are of very hard material, especially made for this purpose, and are ground off perfectly true on emery wheels, and will last for years. The shaft is made of steel and will not bend or break. Diameter of hand wheel, 20 inches; without stand, weight, 30 lbs. Price, $5.00. With stand, weight, 60 lbs. Price, $7.00.

AMERICAN SANITARY ROOSTING DEVICE.

The device that made the complete destruction of Poultry House Vermin a possibility. With its sanitary metalic dropping boards and louse and mite proof roosting bars it will increase the egg yield from 20 to 40% the year round.

Keeps the droppings off the floor provides means for rapidly removing same from the house. Improves the health of your fowl. Prevents the Lice and Mites from reaching your birds or hiding on the device as there are no cracks or crevises for them to secret themselves in.

To make a long story short it simply destroys them. Write for circular thoroughly explaining same.

ONE STYLE. THREE SIZES.

4 Foot Long	$7.00
5 " "	8.00
6 " "	9.00

AMERICAN PIPE SYSTEM FOUNTAIN.

As the cut shows it can easily be arranged in series to supply any number of pens by piping either way. The greatest labor saver known. Will not tip over. Is perfectly sanitary in every respect. Positively automatic in action. It can be cleaned in a minute. The water remains perfectly fresh as it is not confined with foul air as in some other makes. Price, each, $1.50, 6 for $8.60, 12 for $16.90

MISTO WHITEWASH PUMP.

The Misto Sprayer or Whitewash Machine is costructed entirely of brass throughout. No light or cheap material in it; guaranteed to successfully handle properly mixed whitewash, cold water paint, Bordeau Mixture or any liquid that can be formed into a spray. For whitewashing, cold water painting, spraying trees, shrubbery, or washing windows and buggies.

Price, including action brass pump, 4 feet of ⅜ inch discharge hose, spray nozzle, sieve and 5 gallon tank. Price, $5.50.

STYLE H WHITEWASH MACHINE.

This machine consists of a 4-gallon heavy galvanized iron tank with all joints well riveted and soldered and equipped with a powerful self-contained all brass air pump. These machines are subjected to a test of 100 pounds pressure per square inch before shipping and are thoroughly first class in every detail of construction. Capacity equal to work of five men with brushes.

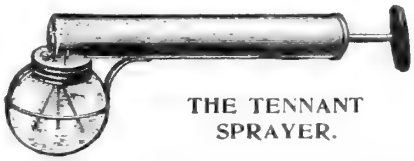
Net weight, 15 lbs.
Gross weight, 20 lbs.
Price, $9.50.

SUCCESS WHITEWASH AND SPRAY PUMP.

FIG. 659.

This spray pump is a most excellent one for use in gardens, greenhouses, orchards, washing windows and buggies, also for whitewashing and spraying poultry houses. It is fitted with a Bordeaux nozzle, which is the best combination spraying device, and can be changed from a solid stream to a spray. It is double action and has a large air chamber which throws an absolutely continuous stream solid or in fine spray. We consider it one of the best pumps made for the money.

Price, complete $4.50

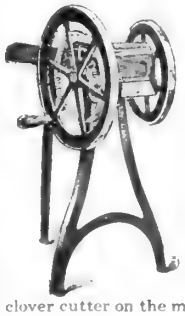


THE TENNANT SPRAYER.

The receptacle is a new and special design of extra heavy glass, well protected with a spring steel lantern wire guard. Holds about a quart of liquid; easily filled and washed out; contents always in sight. Pint or quart Mason fruit jar may be screwed in the can if desired.

Large size, 75c. Medium size, 60c. Small size, 40c.

THE HUMPHREY CLOVER CUTTER.



A heavy well finished machine to cut clover and alfalfa hay into pieces one-eighht inch and less. By the ingenious use of plates and screens all long stems are passed back to the cutters to be recut, so that the product is of even lenght and of a size that makes it the best prepared green food given to poultry. Forty cuts of the knife for each revolution of the hand wheel makes speedy work of clover cutting, and the heavy balance wheel makes easy work for the operator. The bed knife is double edged, giving double the wear of any clover cutter on the market. Price, $10.00

MIDLAND POULTRY FOOD.

The Balanced Ration for Poultry.

200 Eggs per Year.

They are complete and ready to feed. Need no green bone or other accessories. There is not, and never has been anything on the market to compare with it. Thousands of poultrymen are using it and it is an acknowledged standard today. Random or haphazard feeding is not profitable and the man who persists in it must have Feed to Burn. Profit is only assured where every pound of feed is made to show returns. The hen is a very accurate machine, and will convert egg-making material into eggs rapidly if given the right proportions of all such materials as are needed. This is what **constitutes a balanced ration.**

Midland Poultry Food is the only scientifically prepared and properly balanced ration for Poultry. Each brand is a perfect food for the purpose. The prices on the various brands must, owing to their composition, be based on the current prices of grain, and market changes will effect our prices. All quotations must therefore be subject to grain market changes. Put up in 2 bushel sacks, each sack containing the full measure quantity. Each brand differs slightly in weight per bushel.

1—Nursery Chick Food.
2—Growing Chick Food.
4—Egg and Feather Producing Food.

PRICE OF ANY OF THE ABOVE 3 BRANDS:

¼	Bushel Bags	$0.40
½	Bushel Bags	.75
1	Bushel Bags	1.25
2	Bushel Bags	2.25
5	Sack Lots, per sack	2.15

Ask for Free Booklet—"The Science of Feeding"

This feed used in conjunction with our A B C Mixture will be found very essential for the general welfare of young chick life.

MIDLAND GRENADIER MEAL.

This is a specially prepared grain product for growing broilers and finishing market poultry. It produces meat, not oil-fat, and very materially improves the flavor and quality as well as quantity of flesh.

Put up in 100 lb. bags.....$3.25

VAUGHAN'S GROUND BEEF SCRAPS.

Or Prepared Meat for Poultry.

This is the finest thing we know of to cause hens to lay during the winter. Feed 3 times a week at the rate of 1 oz. to each fowl, mixed with the daily mash.

As high prices for Eggs prevail at this season of the year it makes very profitable feeding.

100 lbs	$2:75	25 lbs	.80
50 lbs	1.50	5 lbs	.25

VAUGHAN'S MEAT MEAL.

Our Meat Meal is a fine, clean preparation manufactured from Beef's Blood and meat scrap; carefully treated under steam pressure, resulting in a valuable commercial product rich in protein, nitrogen, bone phosphate and albumen for growing chicks and laying hens. It is not a refuse or gleaning from fertilizer works, but a pure, wholesome, profitable food for poultry.

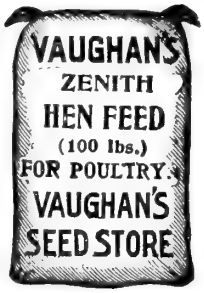
100 lbs	$2.50	25 lbs	$0.75
50 lbs	1.35	5 lbs	.25

VAUGHAN'S RED ALBUMEN.

Per lb	35c	By mail postpaid	45c
5 lbs. by express	$1.50	11 lbs. by express	$2.85
100-lb bag, f. o. b. Chicago			23.00

VAUGHAN'S "ZENITH" HEN FEED.

A Whole Grain Balanced Ration.



Vaughan's superior Hen Feed is composed only of sound, wholesome grain, carefully and scientifically balanced, so that it will meet all the requirements of maturing chicks and laying hens. No stale or damaged grain is ever used in preparing this feed. It is the best grain mixture upon the market and contains all the elements necessary in the grain line. Grit, Bone, Meat Meal, Charcoal, and Green Food should be supplied in addition, as most convenient.

In feeding Vaughan's Hen Feed, it may be scattered in litter of any kind, such as cut clover, hay, that will hide the feed and induce action to get it. The more exercise the better.

100 lbs	2.25	25 lbs	75c
50 lbs	1.25	10 lbs	35c
		5 lbs	20c

VAUGHAN'S MEAT AND BONE.

This is a special preparation containing all the elements of our meat meal with the addition of fine ground bone, for the purpose of furnishing more lime to laying hens and producing a food of great strength and growing properties for maturing stock.

100 lbs	$2.25	25 lbs	75c
50 lbs	1.25	5 lbs	25c

CUT CLOVER HAY.

Vaughan's Second Growth Cut Clover Hay is the very best the market affords and is the standard green food for winter egg production. Clover hay contains over twenty times more lime (for the shells) than does any kind of grain, and nearly as much solid matter as corn, hence it is a concentrated food and highly nourishing. It may be fed mixed with a soft mash or placed in a trough or scattered on clean boards. The fowls will pick it to pieces, eating all of it, including the stems. Cut clover makes a very fine litter for brooders, especially for newly hatched chicks. It is healthy, giving invigorating and lasting benefit.

100 lbs	$2.25	25 lbs	75c
50 lbs	1.25	10 lbs	40c

ALFALFA CLOVER MEAL.

By the use of new and improved muchinery we are now enabled to offer to our poultry patrons the best and finest clover meal yet produced. Every part of the clover stalk, leaf and blossom is ground together so that the fowl gets all the substance and material entering into this great food product which comes nearest to a natural perfect balanced ration of any grain or vegetable obtainable. This meal readily mixes with any kind of mash or ground feed and can be fed to young chicks as well as older birds. It adds greatly to the luster and plumage of poultry and keeps them healthy and vigorous all winter when green feed is scarce and not easily supplied.

100 lbs	$2.25	25 lbs	75c
50 lbs	1.25	10 lbs	40c

DRIED BLOOD MEAL.

This is a highly concentrated form of animal food, rich in albumen and egg-forming materials. Do not think it is expensive because price is heigher per weight than other animal foods, as much less is required. It is odorless and contains only pure blood, which makes it the cheapest animal egg food on the market today.

100 lb. bags, each	$3.40
50 lb. bags, each	1.75
25 lb. bags, each	.90
5 lb. cartons, each	.25

GROUND RED PEPPER.

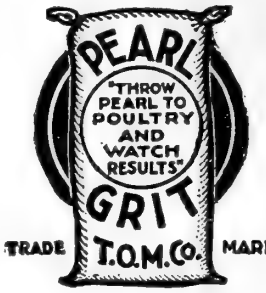
Mix this with Red Albumen for a worm feed.

Per lb.....35c

Prices on Poultry Supplies are F. O. B. Chicago, where we carry our stock.

VAUGHAN'S COMPLETE PEARL GRIT.

The Proper Feed for Fowls.



To get the best results they must be made strong, healthy and prolific. They need shell-forming, feather-building, sinew-strengthening materials that will invigorate the system and develop their laying qualities. Pearl Grit is a grit and shell-maker combined. Guaranteed to contain all essential properties of both grit and shell.

PRICE:

100 lbs	75c	25 lbs	25c
50 lbs	45c	5 lbs	10

CRUSHED OYSTER SHELLS.

100 lbs	75c	25 lbs	25c
50 lbs	50c	5 lbs	10c

GROUND BONE.

Course Ground for large poultry and Granulated for young chicks and pigeons.

200 lbs	$4.75	25 lbs	75c
100 lbs	2.50	5 lbs	25c
50 lbs	1.50		

CHARCOAL.

Coarse Ground for large poultry and Granulated for young chicks and pigeons.

PRICES:

100 lbs	$2.75	10 lbs	50c
25 lbs	1.00	1 lb	10c

PHEASANT'S FOOD.

Crissel or Prairie Meat is a carefully selected meat preparation for Pheasants and young chickens. It is a substitute for ant eggs and other insects. It contains neither pork, bone or fat of any kind, being nothing but a pure meat product. It is used by all the large Pheasant Breeders of England and America.

100 lbs	$5.00	25 lbs	$1.25
50 lbs	2.50	5 lbs	.30

SPRATT'S GAME MEAL.

This is a complete balanced ration carefully put up for Pheasants and all game fowl.

100 lbs	$5.75	25 lbs	$1.75
50 lbs	3.00	5 lbs	.40

CRACKED CORN.

Valuable for mixing and feeding with other grains.

100 lbs	$2.00	25 lbs	60c
50 lbs	1.00	5 lbs	20c

HARD RED WHEAT FOR PIGEONS.

Extra choice recleaned Seed.

PRICE:

100 lbs	$2.75	5 lbs	25c
25 lbs	.85		

TARES OR VETCHES.

Used extensively for feeding pigeons.

PRICE:

100 lbs	$5.25	5 lbs	40c
25 lbs	1.60		

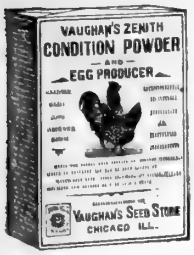
"YANKEE" CORN.

This is a small kernel flint corn extensively used in conditioning show birds and especially for Games. Our stock is selected with great care and we offer it very low. Prices are subject to market changes.

PRICE:

100 lbs	$2.50
50 lbs	1.50
25 lbs	.90
10 lbs	.45
5 lbs	.25

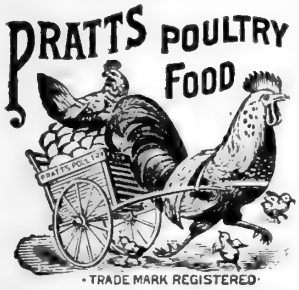
VAUGHAN'S ZENITH CONDITION POWDER.



As the name implies it stands at the head of Condition Powders. It is scientically compounded, thoroughly balanced and perfectly pure and free from any harmful substance. In this day of egg production, it stands to reason that a condition powder given at intervals of 2 or 3 days apart is a great benefit to keep the fowls in the pink of condition and enables them to bear up under the egg-forcing process.

15 oz. box.....15c **2½ lb. box**.....25c

Full directions for feeding on each package.



PRATT'S POULTRY FOOD.

A guaranteed egg producer. Purely vegetable. Highly concentrated. Absolutely pure. Coupons for pictures of all standard bred fowls and directions for feeding in every package.

25 ounce packages, each.....$0.25
25 ounce packages, per dozen..... 2.50
5 pound packages, each..... .60

PRUSSIAN POULTRY FOOD.

Prussian Poultry Food is the cheapest on the market. A 25-cent package makes 750 feeds and at the average price of eggs througout the country, two dozen of eggs will pay for one package. We guarantee that by a prudent use of Prussian Poultry Food the production of eggs will be increased.

Sold in 25-cent and 50-cent packages.

LEE'S EGG MAKER AND CHICK GROWER.

A highly concentrated food for poultry. Contains no irritant or stimulant. Is designed for a definate purpose—to supply food elements that chicks and fowls can obtain only by free range in summer.

Price, per package.....25c

VAUHAN'S POULTRY CURE.

Price, each.....25c

MORRIS POULTRY CURE.

Price, each.....25c

This is a balanced ration of egg producing properties. Each material used is of the highest quality. All of which is thoroughly mixed in with choice Alfalfa clover meal, making it easy to mix with all the cleanings from the table. It is put up in a neat paper carton containg 5 pounds.

Price, per carton, 5 lb......25c

PHILADELPHIA POULTRY MARKER.

There is no better or quicker way than by this marker, as over two hundred different marks can be made by punching web between toes; for instance, between the first and second toe of the right foot can mean Wyandotte or Plymouth Rock, between the second and third toe, White Leghorns or Langshan, so that hundreds of private marks can be made.

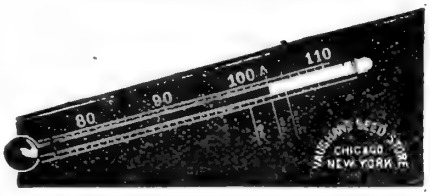
Size No. 1, ½ in. in diameter, each.....27c
Size No. 2, 1/16 in. in diameter, each..27c
Sent postpaid on receipt of price.

SPRING LEVER POULTRY PUNCH.

The best and most satisfactory punch yet produced. It is self-opening, perfectly aligned, absolutely accurate, handsomely finished, carefully tested and exceedingly cheap. Spring lever.

Price postpaid, each 27c

THERMOMETERS.



There is no point in the use of an Incubator or brooder more important than to maintain the correct degree of heat and the best incubator made is worthless without an accurate thermometer. Cheap thermometers are unreliable. Good ones are economical. Especially is this true in incubator use. All thermometers listed here are thoroughly seasoned, tested and guaranteed by the manfacturer.

CERTIFIED THERMOMETER.

Vaughan's Certified Thermometer, highly sensitive. Each one is thoroughly tested before leaving factory. For incubators only.

Price, each.....$1.00
By mail at purchaser's risk..... 1.10

PRAIRIE STATE THERMOMETERS.

These thermometers are especially adapted to the Prairie State Incubators and Brooders and should invariably be used with these machines. These thermometers are well made, thoroughly tested and fully guaranteed. These tubes are seasoned for two years before used.

Brooder Thermometer for hover, by mail.....$0.60
Brooder Thermometer for hover, at store..... .50
Reclining Thermometer, by mail..... 1.00
Reclining Thermometer, at store..... .85

CAPONIZING SET.

Poultrymen can double there profits by Caponizing their chicks. The operation is very simple—the instructions are so full and explicit that any man, women or child after a careful reading will be able to perform the operation. It is highly successful from every point of view. The demand for Capons far exceeds the supply, the price per pound being twice as much as for ordinary chicks. The object of Caponizing is to largely increase the weight of fowl, causing them in many cases to grow as large as turkeys and weighing from 10 to 15 pounds; and to make the meat a finer flavor and very juicy and tender.

Complete with instructions.....$2.50

We send the book—"Complete Guide for Caponizing" with every set.

PRAIRIE STATE EGG TESTER.

One of these testers is given free with every Prairie State Incubator sold. It fits any No. 2 lamp burner and makes a strong, powerful light for the egg so that any person can easily determin the fertility. We sell at the low price of **30 cents each. By mail, 35 cents.**

PILLING'S POULTRY KILLER.

The use of this knife is so simple that the most inexperienced can do the work of an expert in killing poultry. By simply turning the wrist the jugular vein and spinal cord are cut, thereby bleeding the fowl, allowing the feathers to be removed without using water. **Price, postpaid**.....50c

PIGEON SUPPLIES.

MUIR'S BOSS PERCH.

A good pearch made of seasoned hard wood and has no sharp corners, easily put up; keeps the birds clean prevents fighting in the loft.

Each..... .08
Price per dozen.....$0.75
Price per 100..... 6.75

THE JERSEY PERCH.

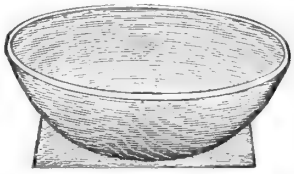
Made of seasoned maple and coppered steel wire in two sizes. It has no staples or nails, screws into the woodwork of the loft without the aid of any tool. Can be placed anywhere in the loft and taken down without breaking. It does not leave an unsightly mark when removed.

Each.....6c
Dozen.....65c

VAUGHAN'S CLAY PIGEON NESTS.

Made of very high grade and valuable clay terra cotta in color, well formed in design and superior in finish. Diameter 8 in. Each, 15c; doz., $1.25; 100, $9.00.

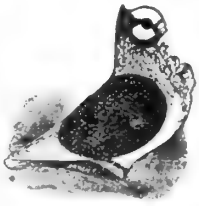
VAUGHAN'S WOODEN PIGEON NESTS.



Made out of hard maple. Regular size, diameter 8 inches. Can be fastened to wall if desired. These nests are preferred by many pigeon fanciers to the earthenware ones on account of their smooth finish which makes it hard for dirt to accumulate and easy to clean them.

Price, each..... 10c **Dozen**.....$1.10

VAUGHAN'S PIGEON FOOD.



A scientifically prepared Balanced Ration Food. Especially adapted to the growth of young pigeons and squabs. It makes the best general feed for all kinds of Fancy and domestic Pigeons. Keeps the birds healthy and develops shape, style and plumage to a remarkable degree. As a foundation food it has no equal.

Put up in the following packages.

5-lb. cartons.....$0.25 **50-lb. sacks**..... $1.50
25-lb. sacks..... 1.00 **100-lb. sacks**..... 2.75

VAUGHAN'S SALT CAT.

An aromatic nutritive and tonic combination for Homing and Fancy Pigeons, Game Fowls, Pheasants, Turkeys, etc., etc.

Price per package.....15c

FOUST'S HEALTH GRIT.

This grit is not intended to take the place of digesting grits. It is, as the name implies, recommended as a health grit for pigeons and contains ingredients that form bone and muscle, and acts as an all around condition powder. Its action is noticeable from the day you start using it.

100 lbs.....$2.10 **25 lbs**..... 75c
50 lbs..... 1.25 **5 lbs**.....25c

PIGEON BANDS.

Seamles and Open Aluminum iBands. Made in three sizes, as follows:

Prices of Open Aluminum Bands:

Plain or Numbered only, all sizes; per dozen, 20c; per 25, 35c; per 50, 60c; per 100, $1.00.

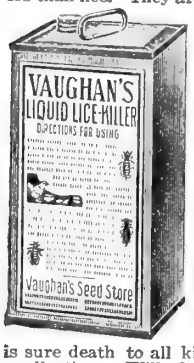
Prices on Seamless Aluminum Bands:

With Year and No. or plain; per dozen, 25c; per 100, $1.90.

With Year and Initials, to order; per dozen, 25c; per 100, $1.90.

VAUGHAN'S LIQUID LICE KILLER.

Probably no one cause, or even many causes combined, has discouraged and ruined more poultry raisers than lice. They are several varieties and they find refuge in every nook, crack and corner of coops, houses and buildings where poultry is kept. They inhabit the nests, cover young chicks as soon as hatched, stop hens laying and make sad havoc everywhere if not checked. There are in fact few flocks free from these blood sucking pests which kill more fowls and young chicks than any other cause. Vaughan's Liquid Lice Killer successfully exterminates all kinds of lice that infest poultry, and turns a flock of droopy, dejected, profitless fowls into a happy, vigorous, money making colony. It is worth many times its cost, contains no harmful ingredients to either fowls or persons, but is sure death to all kinds of vermin. It is easy of application. Will furnish immediate relief. No trouble to follow directions which are given upon every package.



1 gal. size	$1 00
½ " "	60
1 quart size	35

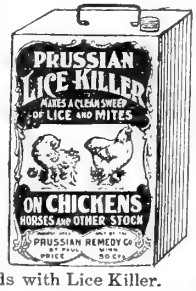
LEE'S LIQUID LICE KILLER.

This Lice Killer is well known by poultrymen and if used according to directions will be found a sure and effective cure for lice on fowls and hogs.

1 gal. size	$1 00
½ " "	60
Quart	35

PRUSSIAN LICE KILLER.

The effects of lice, fleas, etc., are that fowls cease to gain flesh, become poor and scrawny, get rough plumage, and scabby skins, cease to lay, sometimes desert their young and their homes, and if attacked by serious disease are likely to die.



The remedy for lice and other surface parasites are simple, easily applied, and sure in effect. Paint the perches and also the drop boards with Lice Killer.

1 Gallon cans	$1. 00
½ " "	50
1 Quart "	35

VAUGHAN'S LICE POWDER.

THE BEST ON THE MARKET.

Those who try one package will use no other.

Removes that itchy feeling.

Three Sizes.

5-oz. package	10c
16-oz. package	25c
48-oz. package	50c
100-oz. package	$1.00

LEE'S LICE POWDER.

15-oz. package ..... 25 cents each

LAMBERT'S DEATH TO LICE.

This well known disinfectant will rid your fowls of all vermin. It is cheap and effectual. The poultry man with this powder and a supply of whitewash need not fear that his flock will be bothered with lice.

Prices—5-oz. box, 10c.; 15-oz. box, 25c.; 48-oz. package, 50c.; 100-oz. package, $1.00. Add 1c. per ounce to pay postage if sent by mail.

LIGHTNING LICE KILLING MACHINE.

To kill lice on poultry with the Lightning Lice Killing Machine is simple and easy. The better way is to take the machine into the pen where the fowls are roosting. They are more easily handled and you will not get those cleaned mixed up with those that are not cleaned. You can go to the poultry house any evening and clean 150 to 200 fowls in an hour or two.

A half pound can of Lightning Lice Killing Powder is given free with every machine sold. The machines are made in three sizes, as follows

No. 1 Machine	10 lbs.	9½ in.	18 in.	$2 00
No. 2 Machine	15 lbs.	12 in.	30 in.	3.00
No. 3 Machine	20 lbs.	20 in.	30 in.	4 00

LIGHTNING LICE POWDER.

½ lb. tin	25c
1 lb. tin	50c

VAUGHAN'S LIQUID DISINFECTANT.

Aa a general disinfectant and cleaner stands without an equal.

Infallable destroyer of all vermin and disease germs. Certain eradicator of insects and diseases of all animals. Kills Cockroaches. Water Bugs, Ants, Etc.

Pint	25c
Quart	40c
½ gal	75c

LAMBERT'S HEAD LICE OINTMENT.

This Ointment kills head lice on young chickens, cures scaly legs. Price 25c

VAUGHAN'S HEAD LICE OINTMENT.

Vaughan's Lice Ointment kills head lice on young chickens. Cures scaly legs. Price 25c

VAUGHAN'S ZENITH FLY KNOCKER.

A sure and effective remedy against flies and mosquitos; also lice, screw worms and horn and blow flies.

It kills lice when applied to horses, cows and other animals.

It prevents inflammation and fly-blows and causes wounds to heal quickly.

It keeps flies out of stables.

It makes stock fatten better.

It is considered the best remedy in use for cuts scratches, burns, scalds, flesh wounds, old sores, etc.

It keeps flies away and kills maggots where sores are infected with them and heals quickly.

Price, quart size, 50c.; ½ gallon 75c.; 1 gallon $1.25

ROUP CURES.

VAUGHAN'S GOOD HEALTH FOR POULTRY.

A positive cure and preventitive for colds, sore mouth and canker, sore eyes, sore breast, back or shoulders, cracked heels, trush, wounds, cuts, sores, saddle galls and roup.

Price { Large bottle $0 50
Small " 25

Vaughan's Magic Liquid Roup and Cholera Cure.

Every poultry raiser should have a can of it; not wait until the roup makes its appearance. It will be found

A Good Preventative

if a small quantity is put in drinking water.

½ pint can	25c
1 pint can	50c

CONKEY'S ROUP CURE.

Will positively cure roup in all its forms. It is simply put in drinking water and the chicken takes its own medicine. It prevents colds and is unequalled for canker, especially in pigeons. One 50-cent package makes 25 gallons of medicine.

Small package, by mail, prepaid, $0 50
Large package, by mail, prepaid, 1 00

VAUGHAN'S ZENITH ROUP CURE.

Our Roup Cure is a positive and dependable remedy for this dreaded disease in all its forms and stages. It also prevents and cures colds and canker in poultry and pigeons. It is administered by dissolving it in the drinking water of the fowls, as per printed instructions which accompany each package.

Large size, each, $1 00 Small size, each, $0 50

VAUGHAN'S ZENITH ROUP PILLS.

A RELIABLE REMEDY.

The most effective Roup Pills on the market.

Small box (50 pills)	$0 50
Large box (120 pills)	1 00

Evanston, Ill., Nov. 19, 1906.

I have used Vaughan's Good Health for Poultry as a Roup Cure, when my hens were in the last stages of the disease, in less than a month my hens were laying. Vaughan's Good Health for Poultry should be in every poultryman's medicine chest. CHARLES JOHNSON.

COMPOUND SPONGIA TABLETS.

Prepared especially for the prevention and cure of Roup, Colds, etc. **Price by mail, postpaid, 35 cents per box, or three boxes for $1 00.**

LEE'S GERMOZONE.

A cure for all diseases of the Head, Throat or Bowels. Is easily administered. It not only cures but if given in time will prevent all these diseases so common among Poultry. In liquid or powder form. **Price** $0 50

POULTRY BOOKS.

The American Standard of Perfection, Cloth Price	$1 50
A Living from Poultry—Price	25
Ducks and Geese—Fully Illustrated and up-to-date. Instructions for breeding, rearing and feeding	50
Duck Culture—By James Rankin—Price	50
Eggs and Egg Farms—By Successful Breeders, Price	50
Farm Poultry Doctor—Py Dr. N. W. Sanborn,	50
Little Chicks—A treatise on successful raising of chicks, 144 pages	50
Money in Broilers and Squabs—By M. K. Boyer. Best Book Published. Price	50
Poultry Craft—By John H. Robinson—272 pages, 5¾x9 inches, cloth bound, Price	2 00
Poultry Culture—By Judge I. K. Felch	1 50
Poultry Account Book. Price	25
The Practical Poultry Keeper—By Lewis Wright, 300 Pages, properly illustrated, cloth, Price	2 00
Turkeys—Their Care and Management, with colored reproduction of Sewell's oil painting	50
Turkeys—And How to Grow them—By Herbert Myrick—(cloth bound), Price	1 00
The New Egg Farm—By H. H. Stoddard—A Practical Manual, 331 pages, 140 Illustrations, cloth	2 00
The Bantam Fowl—By T. F. McGrew—only complete Bantam book (60 illustrations) Price	50
999 Questions and Answers—On poultry turkeys, geese and ducks, diseases, eggs, incubators and buildings—By Frank Heck	1 00
Reliable Poultry Remedies—full instructions, 64 Pages, 5x6 inches, Price	25
The Plymouth Rock, Barred, Buff and White—By experts in breeding	50
The Wyandottes—Silver, Golden, White, Buff and Partridge. By experts in Breeding, 50 pages, 9x12 inches, Price	50
The Leghorns—All Varieties—By experts. 64 Pages, 9x12 in, (Illustrated.) Price	50
Pheasants, all about them, beautifully illustrated, also illustrations of all game and wild fowl. Price	1 00

POPULAR PIGEON BOOKS.

Diseases of Pigeons—This book treats of all diseases that pigeons are heir to, giving symptoms and treatment for each	$0 50
Fanciers' Loft Register and Pedigree Book—Registers the young from 100 pairs, and gives the correct pedigree of every bird,	50
Broilers and Squabs—By Michael K. Boyer	50
Pigeons and All About Them—By Frank M. Gilbert.. Handsomely illustrated, full description of every variety. Tells how to mate, breed, and manage; contains 264 pages	1 00
The Pigeon Standard—Illustrated. Gives the latest Standard of Perfection for all Varieties. This is the judge's guide book	50
Practical Pigeon Keeper—By Lewis Wright. Fully Illustrated; Cloth, 222 pages. Greatest amount of Practical Information in one book	1 50
The Homing Pigeon—Illustrated. Complete Treatise on Mating, Breeding, Training and Flying these Winged Messengers	25
National Standard Squab Book—By Elmer C. Rice—a practical manual giving complete and precise directions for the management of a successful squab plant. Illustrated, cloth	50
Working Homer—By J. A. Webber	50

PRINTED SUPPLIES.

Pedigree Blanks for Pigeons, per doz., 10c.; per 100 75c.

Record Cards for Homers, per doz., 25c.; per 100 $1 25.

VAUGHAN'S ZENITH CONDITION POWDER AND EGG PRODUCER gives the best results.

See page 150.

LEG BANDS AND DRINKING FOUNTAINS.

CLIMAX LEG BANDS.

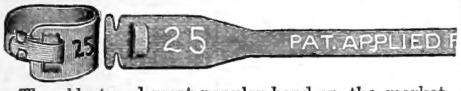
CLOSED.

These bands have been on the market for years and have proved a most satisfactory device for marking poultry. They are especially desired for marking birds with feathered legs, and are neat, simple and easy to put on, and absolutely secure if properly applied. Rings are made of spring brass and tags of aluminum.

Sizes: No. 1, ½ in, No. 2, ⅝ in. No. 3, ¾ in. No. 4, ⅞ in. No. 5, 1 in. No. 6, 1⅛ in.

Prices postpaid: Per doz., 25c; per 25, 40c; per 50, 75c; per 100, $1.35 Write for prices on larger lots.

IMPROVED CHAMPION LEG BANDS.



The oldest and most popular band on the market. It is made in one piece, adjustable to fit any leg. It will stay where you put it. It is impossible for it to come off, as it is held by a double lock. Made of aluminum,

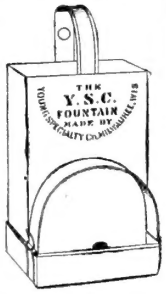
Prices: 12, 15c; 25, 30c; 50, 50c; 100, 80c; postpaid.

THE SMITH SEALED LEG BANDS.

Prices: 12, 30c; 25, 50c; 60, $1.00; 100, $1.50.

Bands stamped with initials and numbers or name and address, 5c for 50 or less; 10c per 100 extra.

VAUGHAN'S PIGEON AND POULTRY FOUNTAIN.



This fountain is made of heavy galvanized tin which will not rust and is so constructed that it can be placed on the floor of the loft or hung on the wall to be reached easily by the pigeons.

The bottom is fastened by hinges on the back of the fountain and closes up at the front by a spring on each side. In front is an arch to keep dust and dirt from entering the water.

Price: ½ gal. size, 50c; 1 gal. size, 75c; 2 gal. size, $1.25.

VAUGHAN'S BROODER FOUNTAIN.

This sanitary brooder fountain is made of the best grade of galvanized iron, well soldered at corners and sides. It is made with a handle on top and has a hole in the rear of it, making it easy to hang up on the wall of the brooder at any height required. The base is fastened to the top by two hinges well riveted to the top or fount and has a spring on both sides to hold the base in position when filled. Made in one size only, 2 quarts.

Each ..... .60
Per dozen 6.50

PRAIRIE STATE FOUNTAIN.

These fountains are made of galvanized iron and so constructed that fowls can get at all sides of it. It is entirely round, as shown in cut. Made in four sizes.

Prices:	Each	Doz.
1-quart	20c	$2.00
2-quart	25c	2.50
1-gallon	35c	3.25
2-gallon	50c	4.75

THE "SANITARY" FOUNTAIN.

Made of heavy galvanized iron, perfect in workmanship. Sets upon the floor or hangs upon a nail. Easily cleaned and filled; it is the best and most convenient fountain made.

Prices:

1 gallon, 50c; per doz., $5.50
2 gallon, 85c; per doz., 9.00

VAUGHAN'S "SANITARY" SELF-FEEDING BOX.

Three spaces. Made of heavy galvanized iron. Will last a lifetime. Saves waste. Hangs on a nail. Holds four quarts. Soon pays for itself. Neat, cheap and convenient. Try them.

Price, 50c; per doz...$5.50

WOODEN FEED OR GRIT BOX.

This box is made of wood with only one space. Fine for dry feed.

Price 35c

GALVANIZED IRON DRINKING FOUNTAIN.

We claim that these Iron drinking fountains are an improvement on all other styles of fountains on the market.

Prices: 2-quart size, 35c; 1-gallon size, 45c; 2-gallon size, 60c.

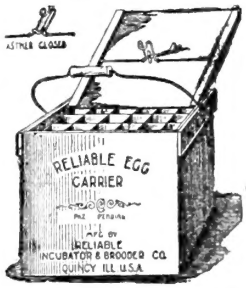
Price by the dozen: 2-quart size, $3.60; 1-gallon size, $4.50; 2-gallon size, $6.00.

VAUGHAN'S EARTHENWARE FOUNTAIN.

For anybody who desires an earthenware drinking fountain these founts are not excelled for poultry and pigeons. They will keep the water cool and clean and are so manufactured that it is impossible for chickens to get wet or drown while using them. They are easily filled; never tip over, and never get out of order. Terra cotta in color. The saucer is glazed, but the fountain is not. Made in three sizes.

Prices: 1-quart, each, 20c; doz., $2.25. 2-quart, ea., 30c; doz., $3.35. 4-quart, ea., 40c; doz., $4.50.

RELIABLE EGG CARRIER.

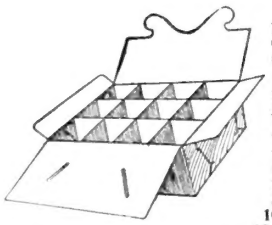


The most complete egg carriers on the market, holds 12 dozen eggs. It is equipped with an adjustable cover and a patent combination lifter and fastener, just the thing for the farmer and poultry man. It is so arranged that when only one dozen eggs are placed in it the lid can be dropped down and fastened just the same as though it was full of eggs. When a farmer or poultryman wishes to save his eggs for market this carrier is what is needed. It is equipped with the very best heavy A, No. 1 fillers.

Egg Carrier.....each, 50c. Per doz.....$4.25

THE GEM EGG CARRIER.

Square Style.



This is the most practical egg carrier on the market. It is shipped set up and nested ready to receive the contents. Packed 250 in a bundle, shipping weight, 28 pounds per 250. **Price:**

Per doz	$0 15
25 for	30
50 for	50
100 for	85
1000 for	8.00

Prices on Poultry Supplies are F. O. B. Chicago where we carry our stock.

WIRE HENS' NEST.

These nests are strongly made from heavy wire, and will last a lifetime. There is no room on them for lice to find lodging place, and they are easily kept clean.

Price, ea. 15c; ½ doz., 75c; one doz., $1.50.

PORCELAIN NEST EGGS.

Porcelain. These eggs are best flint glass, white, and will last a life time.

3c each, 2 for 5c; doz., 25c; gross, $2.50.

Knox's Medicated. Effective, lasting. Just the thing to chase the lice from laying or setting hens and clear the nests of vermin. Retains its strength but gradually reduces in size.

6c each, or 60c per doz.

AMERICAN FEED PAN OR WATER TROUGH.

PRIZES.

No. 1—Size, 18 inches long	$0 50
No. 2—Size, 24 inches long	75
No. 3—Size, 36 inches long	1 00

CLIMAX POULTRY NETTING.

Made with three-strand selvages. Galvanized after weaving. Strongest poultry netting made in the world. Put up in bales 150 feet long.

Prices per Bale, F. O. B. Chicago. Five bale lots delivered free of freight when rate does not exceed 50c per 100 lbs.

Width	3-in. Mesh No. 18 Wire	2-in. Mesh No. 19 Wire	1-in. Mesh No. 20 Wire
12 inches	$	$1 00	$2 05
18 "	.....	1 45	3 10
24 "	1 90	1 85	4 10
30 "	2 35	2 35	5 10
36 "	2 80	2 80	6 25
42 "	3 25	3 25	7 25
48 "	3 75	3 70	8 25
54 "	.....	4 20	.....
60 "	4 65	4 65	.....
72 "	5 60	5 55	.....

Note:—Blank spaces indicate wire is not made in those meshes.

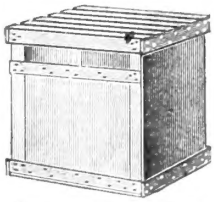
In less than full bale lots, price of 2-in. and 3-in. mesh is 1c per square foot; 1-in. mesh, 2c per sq. foot.

VAUGHAN'S EXHIBITION COOP.

Made of the best selected material; strong, neat and durable. Front is ¼-inch round iron bars, the top, ends and back are heavy canvas, and there is a strong canvas curtain that fastens down in front for shipping to protect birds from cold and drafts. It has a narrow door full length at the bottom for cleaning. Door full height. Nicely painted.

Price for trio size.....$2.00
Pen size 2.25

ALL-WOOD SHIPPING COOPS.



Considered one of the best on the market. A closed coop made of light lumber having a two-inch opening in front and back under slated top so as to give fowls plenty of fresh air when shipping them. Birds shipped in this coop are in no danger of smothering, free from heat of steam pipes, drafts on depot platforms, and arrives at destination without having their plumage harmed. Made in the following sizes:

No.	Length	Width	Height	Each	Per Doz.
1	12	18	18	$0 30	$3 25
2	18	18	18	35	3 75
3	12	21	21	35	3 65
4	18	21	21	40	4 50
5	24	21	21	50	5 50
6	30	21	21	55	6 00

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Explanation of Table Below: Numbers prefixed with (*) represent Novelties; B, Bulbs; F, Farm Seeds; P, Plants; R, Roots; S, Seeds.

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Vaughan's New Cantelope
HOODOO

Favorable Points.

QUALITY--The flesh is of fine grain, (not stringy) and of the sweetest flavor. **HOODOO** melons from Michigan points this last season brought the highest prices on the Chicago market, in competition with the whole United States.

SIZE and SHAPE--The size of **HOODOO** is just right (about the same as Rocky Ford) so that it may be served cut in halves. In shape somewhat more round than the Rocky Ford Gem, a fine feature in packing for shipment.

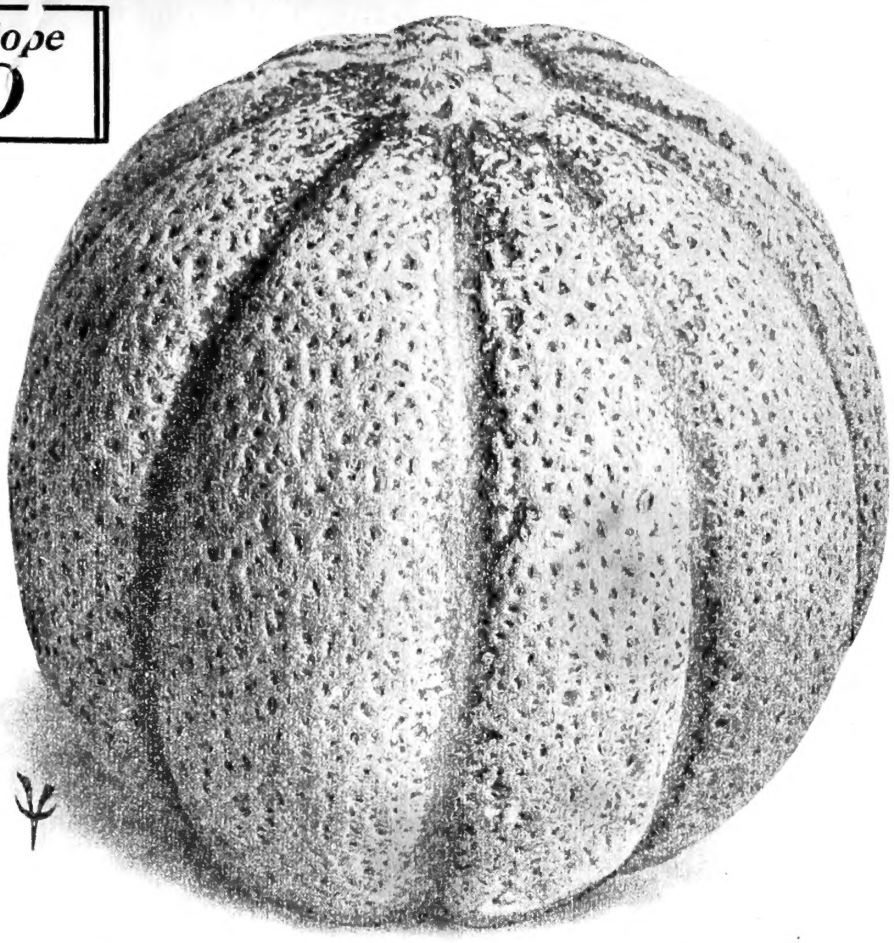
FLESH and COLOR--The flesh is of a deep orange color, and extremely thick, there being only a small seed cavity.

AS A SHIPPER -- The netting is ideal, heavy and close; the melon solid and heavy, and firm at the blossom end. It is absolutely without a superior in shipping to distant markets.

VIGOR--A wonderfully prolific melon, which nearly always, even under unfavorable conditions, produces a fine quality melon. Quite early in the season, it also withstands blight much better than other varieties.

TRUENESS TO TYPE--The veteran melon grower and originator of this variety firmly fixed its characteristics by careful selection so the melons run as evenly as any sort we have ever seen.

Price-Pkt. 10c, oz. 25c, ¼-lb. 85c, lb. $3.



HOODOO--"The best all-purpose musk melon in the world."

The Genuine: We are the original introducers of the HOODOO. All others have it at "Second Hand." You are sure of the original and genuine seed from Vaughan's Seed Stores, (other dealers who have not bought of us are offering this variety).

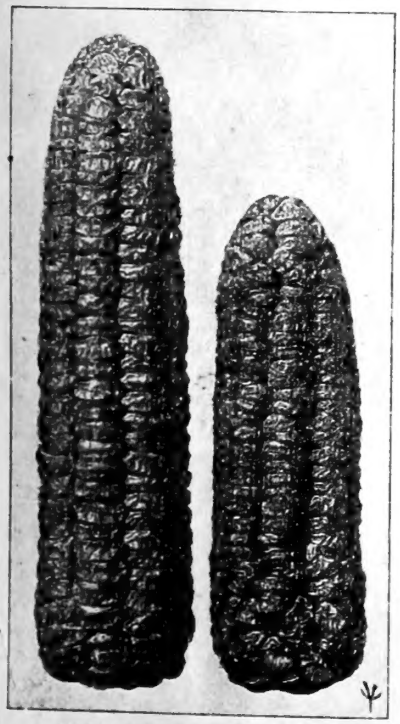
Desirable New Vegetables

See Back Cover for Illustrations from Nature.

Early Iowa Sweet Corn.

We are offering the earliest, real sweet corn of marketable size before the public today. The Malakoff, (and its near relative, Peep O' Day), are the earliest sweet corns to date. In our illustration below, we show the relative size of Early Iowa and the Malakoff. Early Iowa is always within two days in season of Malakoff, and one week earlier than "Early Cory" or "First of All." For two years we have tested this variety in different parts of the country, and we believe we are now offering a most valuable addition to the list of sweet corns. The ears are light and ten rowed and average six inches in length. The Quality is good; far superior to Early Cory. Stalks very dwarf, with little foliage. The type is well fixed. It originated with one of the most successful market gardeners in the State of Iowa, Mr. W. B. Perry, who has grown it for many years, always bringing his corn onto the market first, from a week to ten days. We predict a big future for this corn.

PRICE--Pkt. 15c postpaid; pt. 25c, (by mail 30c); qt. 40c, (by mail 50c); 2 qts. 75c; pk. $2.50.



EARLY IOWA and MALAKOFF.
(Showing relative sizes of ears.)

New Pea, "Little Marvel."

A new variety we offered for the first time last year, which will surely take a place ahead of the popular Nott's Excelsior or the American Wonder. The season is the same, while the pods are larger. The peas are slightly smaller, however, they run usually two to a pod more than Nott's Excelsior, and are of equal, if not superior flavor. The vine bears considerably heavier than the two older sorts. Added features of great value are the dark green color of the pods and peas, and their lasting quality—permitting use several days longer than Nott's Excelsior when ripe at the same time. The wide awake gardener ought surely to give this pea a trial, or he will miss a good thing.

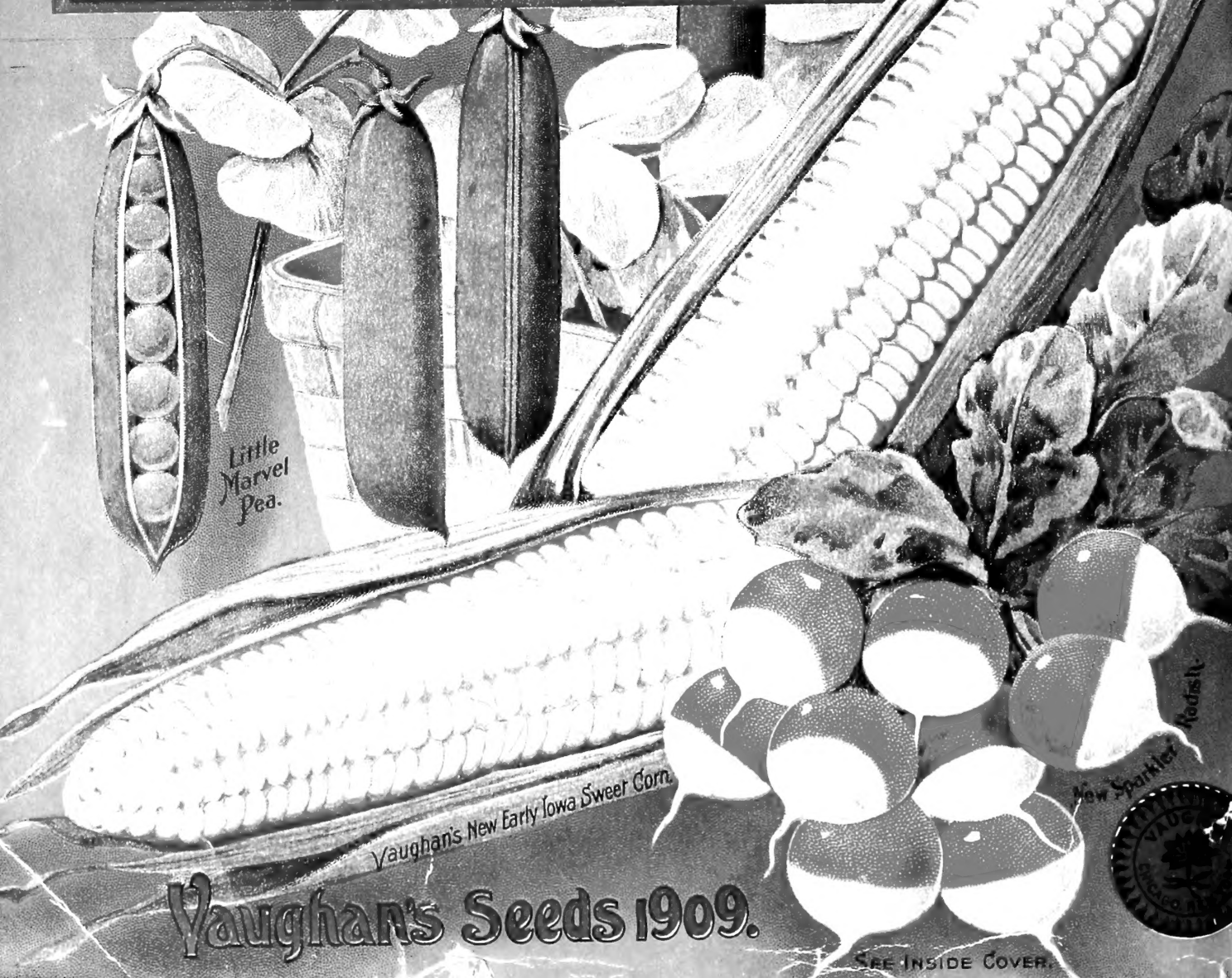
PRICE--Pkt. 10c; ½-pt. 15c, (by mail 19c); pt. 25c, (by mail 33c); qt. 45c, (by mail 60c), 4 qts. $1.50 by express.

Vaughan's "Sparkler" Radish.

For out-door use during the hot, summer months, Vaughan's Sparkler Radish has the greatest endurance and the most continuous growth of any variety. It is a selection from Scarlet Turnip White Tip, and has for desirable qualities, just the right color, ⅓ white, ⅔ scarlet, small tops, a small top root and rapid growth. Its color secures for it a high price and ready sale on the market. Its rapid growth makes a fine crisp radish where other varieties have lost shape and become pithy. Our stock is grown from transplanted roots, thus insuring short tops and true type. **PRICE**--Pkt. 5c; oz. 10c; ¼-lb, 20c; lb. 60c.

Special Offer! Above Four Vegetables, 1 packet each, Hoodoo Musk Melon, Early Iowa Sweet Corn, "Little Marvel" Pea, "Sparkler" Radish for.....30c.

A Seedsman who sells poor seed is always found out. Vaughan's Seed Store has sold seeds for thirty years and its good reputation grows every year.



Vaughan's Seeds 1909.

See Inside Cover.