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PLANTS **VAUGHAN'S** SEEDS



Mocha



THE BEST
EARLY DWARF
WRINKLED PEA

SUTTON'S
EXCELSIOR

VAUGHAN'S
XXX PICKLING

HANDSOME, PROLIFIC
AND THE BEST
FLAVORED CUCUMBER

EMKHAUSEN
THE BEST EARLY SUMMER CABBAGE

SWISS CHARD
CUT AND COME AGAIN
SPINACH ALL SUMMER

BOUNTIFUL STRINGLESS

PARSLEY

CHAMPION MOSS CURLED

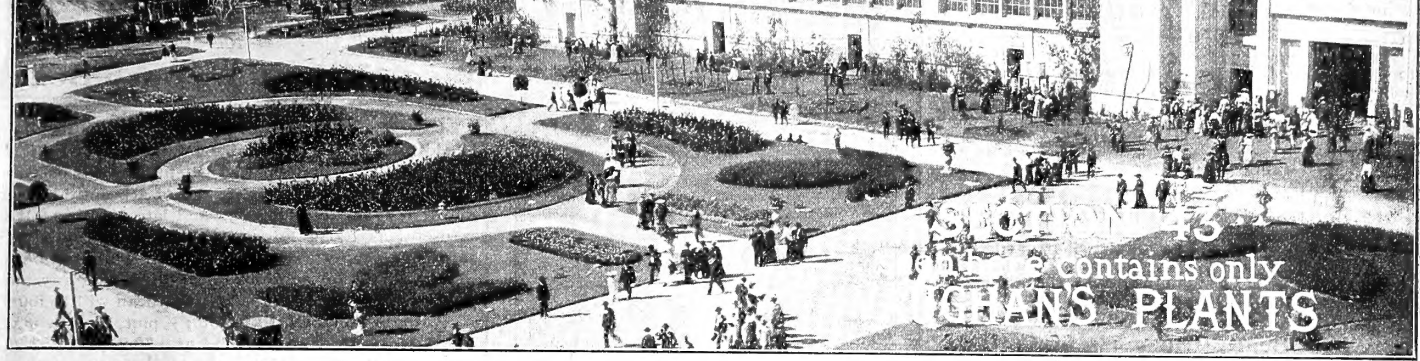
FOR DESCRIPTIONS AND PRICES SEE OPPOSITE PAGE



VAUGHAN'S DISPLAYS IN FLORICULTURE

WORLD'S FAIR ST. LOUIS, 1904

WE WERE AWARDED A
GRAND PRIZE
for plants shown
here in competition.



ON THE ABOVE DISPLAY WE WERE AWARDED THE ONLY GRAND PRIZE FOR CANNAS AND BEDDING PLANT NOVELTIES. OTHER MEDALS WERE RECOMMENDED US FOR ROSE, BABY RAMBLER, CANNA, KING HUMBERT, GLADIOLUS, PRINCEPS, DAHLIA, SYLVIA, NEW SALVIAS, PETUNIAS, VERBENAS, ETC., ETC. AT THE WORLD'S FAIR FLOWER SHOW WE RECEIVED THE ONLY GRAND PRIZE AWARDED FOR DECORATIVE AND FLOWERING PLANTS.

Vaughan's Twenty- Eighth Annual Catalogue

J. C. VAUGHAN,
President
C. CROPP,
Secy-Treas.

VAUGHAN'S SEED STORE

84 and 86 Randolph Street,
CHICAGO.
14 Barclay Street,
NEW YORK.

COVERING THE FOUR GREAT DEPARTMENTS OF GARDENING

Seeds For the Vegetable Garden

As supplied by us for more than twenty-five years to the market gardeners and critical private planters.

Seeds For the Flower Garden

The best in America. A most complete list of the best only.

Green House Plants for House and Lawn

Grown at Vaughan's Greenhouses. 100,000 feet of glass.

Shrubs, Trees and Hardy Plants

Grown on our nursery grounds.

THE advantages of Vaughan's Seed Stores at Chicago and New York are realized by all those who plant or own gardens. It does not always satisfy the planter to secure a bundle of seeds by mail. He needs advice and counsel on special seeds. These we supply at our retail store counters.

SIX GRAND SPECIALTIES IN GARDEN SEEDS

ILLUSTRATED
ON OPPOSITE PAGE

Vaughan's XXX Pickling Cucumber

We introduced the Chicago Pickle, and are always looking for any improvement reaching toward an ideal pickle for the home garden. We have made selections and had them made for us. We have imported and tried many kinds. We found one two years ago that seemed right, and the past season has satisfied us that this which we have named Vaughan's "XXX" is the best we have yet seen. The form, color and arrangement of spines is ideal. This Cucumber is unquestionably one of the best for pickling. It is one of the most productive and easiest to pick. Few fruits become overgrown, as the stems are long and the fruits protrude from under the leaves. We imported this Cucumber from Europe, where it has been grown in a certain district famous for its pickles for a great many years. It is also one of the best Cucumbers for slicing, being very crisp, solid and of the most agreeable flavor, quite distinct from most kinds. The seed we offer here is American grown. **Pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 oz., 40c.; ¼ lb., 60c.; lb., \$2.00, postpaid.** Write for prices on larger lots.

Bountiful Stringless Bush Bean

Absolutely stringless. Extra early. Tender, large podded and a bountiful yielder. An improved long yellow six weeks, being earlier, hardier and producing better and larger pods and more of them. It is a very desirable new bean, the pods being absolutely stringless, tender, of finest flavor and good appearance. It is equally valuable for the gardener and the home garden. **Bountiful Beans. Price, pkt., 10c.; pint, 15c.; (by mail, 25c.); quart, 25c.; (by mail, 40c.); ½ peck, 80c.; peck, \$1.60.**

New Cabbage "Glory of Enkhousen"

A Holland novelty. One of the earliest with large solid heads, fine ribbed and of first quality. The globe shape outer leaves are very small, which admits of close planting. A money-maker for market gardeners. **Pkt., 10c.; ½ oz., 20c.; oz., 35c.; 2 oz., 60c.; ¼ lb., \$1.00; lb., \$3.50.**

Parsley—Champion Moss Curled

A prize-winning English variety, in appearance like a tuft of finely curled moss, and of a rich deep green color. It is slow to run to seed, very hardy and of easiest growth; a few seeds sown in onion rows use no space. Grows in window boxes. **Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.**

Sutton's Excelsior Pea (True)

This is a new ideal, first early, dwarf, wrinkled pea, and the leading English market gardeners sow it on a large scale for first cropping. Height 18 inches, pods square ended and of good size. Flavor excellent. **Pkt., 10c.; ½ pint, 15c. (by mail, 18c.); pint, 25c. (by mail, 33c.); quart, 45c. (by mail, 60c.); 2 quarts, 80c.; 4 quarts, \$1.50; peck, \$2.65; bu., \$10.00.**

Giant Perpetual Spinach Beet

"LUCULLUS"

Of gigantic growth, producing an abundance of large, moss-curved leaves. This new Summer Spinach should be planted by every one. Spinach is relished by everybody, and this fine new vegetable will furnish it from early Spring until late in the Fall. The ribs of this kind are very broad and can be served as asparagus. **Pkt., 10c.; oz., 15c.; 2 ozs., 25c.; ¼ lb., 40c.; lb., \$1.30.**

SPECIAL OFFER "A" One packet each of the above six grand specialties, 40c.

SPECIAL OFFER "B" One packet each of the above Cabbage, Parsley, Cucumber, and Spinach Beet, and one pint each Pea and Bean, prepaid, 75c.

VAUGHAN'S NOVELTIES AND SPECIALTIES IN VEGETABLE SEEDS.

The following list contains the best novelties in sight for this season, together with some of our best specialties of other years and those of other growers which we believe of decided merit.

Early Giant Argenteuil Asparagus.

This is the famous Paris specialty. The stalks grow to a mammoth size. When well grown some weigh four ounces. The head is slightly pointed and the scales with which it is covered are very closely set, overlapping one another. It is early and so very vigorous, it is but little troubled with rust. The flavor is superb. Our seed is from one of the largest Asparagus plantations near Paris. We can supply this year seed only. Pkt., 10c.; oz., 20c.; ¼ lb., 40c.; lb., \$1.35.

Pole Bean, Earliest Giant, "Advance."

This is the best all-round Pole Bean. It is the earliest of all, being a week in advance of all others. Pole Beans yield larger crops than the Bush sorts, bear longer, are hardier and of better flavor. Pkt., 10c., 2 for 15c.; ½ pint, 20c. (by mail, 25c.); pint, 35c. (by mail, 43c.)

New Pole Bean, "Burger's Stringless."

This is one of the best Pole Beans. The pods are long, green and absolutely stringless. The beans are small and white. The vines bear for a very long time. Pkt., 15c., 2 for 25c.; ½ pint, 25c. (by mail, 30c.)

New Round Pod Kidney Wax Bean.

This bean is closely allied to the popular Wardwell's Kidney Wax, differing from that variety in that the pod is perfectly round, somewhat longer and entirely stringless. It is of the same season as the Wardwell's Kidney Wax, is a very prolific grower and a first-class yielder. The pod is very tender, meaty and entirely free from fibre or toughness, which characterizes the pods of many types. This new sort has great merit. Prices: Pkt., 10c.; pint, 25c. (by mail, 33c.); qt., 40c. (by mail, 55c.); by express, ½ peck, \$1.25; peck, \$2.25; bush., \$8.00.

Garden Pride Bush Bean.

Stringless Green Pod. A champion first early bean, positively stringless, and one of the most prolific bearers grown. It is a strong, rapid-growing vine, free from runner setting; the pods are very long, straight and medium round and delicate light green color. It has a pearly white seed. Price: Pkt., 15c.; ½ pint, 25c. (by mail, 30c.); pint, 40c. (by mail, 48c.); qt., 60c., (by mail, 75c.)

Giant Scarlet Runner.

The flowers are very large, brilliant scarlet, the pods grow to a length of 12 inches and the vines grow to 10 to 15 feet. Pkt., 10c.; 3 for 25c.

Two-Colored Fire Bean. Like the well-known Scarlet Runner, but the flowers are part pink, part white. Very pretty and a splendid climber. Pkt., 10c.

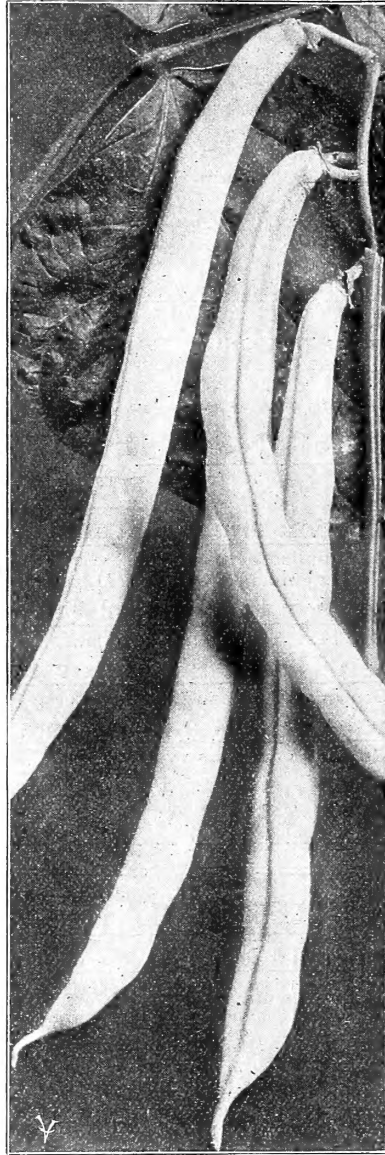
July Pole Bean. (Eight weeks.) One of the earliest, most productive of the Pole Beans, bearing from 4 to 6 pods on each flower tendril. The pods are thick and tender. This is the bean for the home garden, as it does not grow more than 5 or 6 feet high and can therefore be grown on bush like the tall Peas. Pkt., 15c.; 2 for 25c.

Perpetual Spinach Beet, "Lyon."

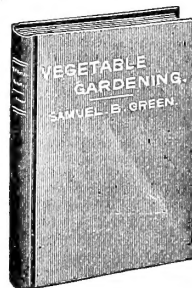
One of the most useful vegetables known, as it endures heat and cold with impunity, and when common spinach is running to seed this kind remains green and succulent and fit for table use all Summer and Fall. In this variety the stalks and midrib are of remarkable width, often 4 inches or more. These stalks are also eaten; they have a very agreeable and quite peculiar flavor. There are few vegetables which require less care during their growth or yield a more certain crop than this variety. Pkt., 10c.; oz., 20c.

Our packets contain the full cultural directions and recipes how to prepare the leaves and stalks for the table.

We Have Supplied Seeds to market gardeners for nearly thirty years. Their needs have been our specialty. Vaughan's Seeds have become their standard. This is the severest test possible. Market gardeners must have productiveness. Their crops must show true, perfect types of the vegetables grown. A house that has met those wants for all these years and with annually increasing trade, because it met them well, can be relied to supply the best seeds grown.



NEW ROUND POD KIDNEY WAX.



VEGETABLE GARDENING

A Manual on the growing of vegetables for home use and marketing, by

Samuel B. Green,

Professor of Horticulture U. of Minn.

Revised Edition.

Regular Price, \$1.25;
Our Price, 65c.

Black Valentine, Bush Bean.

Possesses all the merits of the Red Valentine, and, in addition, has other valuable points. The pod is fully one-third longer than the Red Valentine. The pods are perfectly round and straight, and of a beautiful green color. It is suitable for early and late planting. It is as useful as Extra Early Refugee, being equally as hardy in every respect as the Refugee, while the beans were produced in enormous quantities. For any purpose, or at any time of the year, this bean will be found exceedingly valuable. Pkt., 10c.; ½ pint, 15c. (by mail, 20c.); pint, 25c.; qt., 40c.; 2 qt., 70c; peck, \$2.25; bush., \$8.00. If to go by mail add 8c. to the pint and 15c. to the quart prices.

New Red Cabbage "Zenith."

The Best Red Cabbage up to date. The heads are very solid, of the richest deep blood-red, of medium size, fine ribbed and with but few outer leaves. It matures medium early and is a keeper. Pkt., 10c.; ½ oz., 20c.; oz., 30c.; 2 ozs., 55c.

Cabbage,

"New Early Flat Head."

Improved Early Spring. This is a cross between Jersey Wakefield and Succession and its mixed blood is plainly shown in the stock, the leaves indicating the Wakefield growth. 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 but few outside leaves. A very reliable header. It is giving satisfaction wherever planted by gardeners. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 oz., 40c.; ¼ lb., 65c.; lb., \$2.25.

New Savoy Cabbage,

"All Head."

The heads of this Cabbage are conical, extremely solid, all head, with hardly any outer leaves. It comes in after the "Iron Head," and in flavor resembles that of Brussels Sprouts. Pkt., 10c.; ½ oz., 25c.; oz., 40c.

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 2 pounds each. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 ozs., 40c.; ¼ lb., 75c.; lb., \$2.50, postpaid.

MORGAN CO. ILL.: We think your "Snow White" Celery very fine. Stalks pure white, crisp and tender. It is very easily blanched and there is but little waste. A number of stalks are very large, measuring from 9 to 11½ inches in circumference (tape firmly drawn) and 33 inches in height. The fully blanched stalks were 29 inches.

M. F. MINER.

VAUGHAN'S VEGETABLE SEED NOVELTIES and SPECIALTIES for 1905

MALAKOFF, The New Early Sweet Corn.

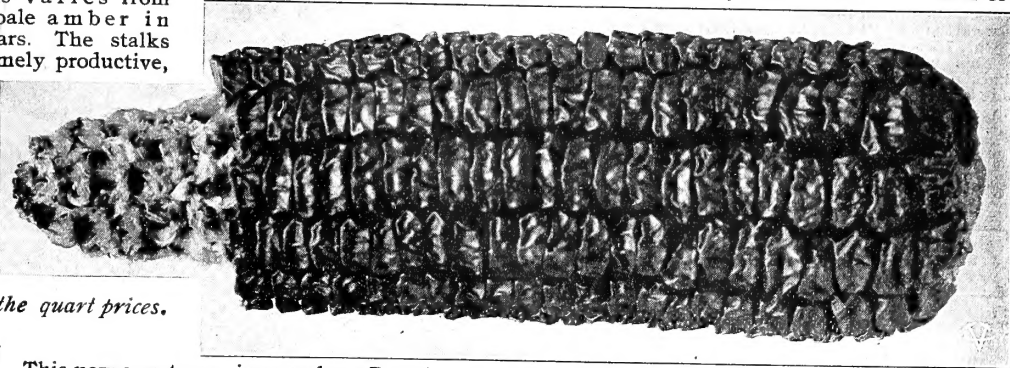
grow only about 3 feet high, are extremely productive, while the quality of the corn is unsurpassed. Planted on May 22 ears were ready for the table July 4th.

On account of the small size of the stalks this Corn can be planted very closely. Our seed is grown from seed of the original introduction.

Pkt., 15c; ½ pt., 25c.; pt., 40c.; qt., 65c.; 2 qts., \$1.10; 4 qts., \$2.00.

If by mail add 5c. to the pt. and 10c. to the quart prices.

This variety was secured in Russia for the U. S. Department of Agriculture by Prof. Hansen on his trip through that country as an agricultural explorer. By experiments made under his directions its extreme earliness has been demonstrated, in fact it has been proved to be the earliest really sweet corn. The color of the kernels varies from white to pale amber in matured ears. The stalks



EARLY SWEET CORN

"Golden Bantam."

This new sweet corn is as early as Peep-'o-Day, but much superior to it in flavor, being one of the sweetest and richest Corns ever known. It can be planted thickly and as late as July 15th. By successive plantings it can be had for table use from about July 20th until frost. Our seed is raised from originators stock and is therefore true. Pkt., 10c.; ½ pt., 15c.; pt., 20c.; qt., 40c.; 2 qts., 75c.; 4 qts., \$1.35. If by mail add 5c to the pt. and 10c to the qt. price.

CUCUMBER, VAUGHAN'S ARLINGTON.

ONE OF THE BEST TYPES OF WHITE SPINE CUCUMBER.



This is without exception the most profitable Cucumber for truckers. It is beyond question the earliest, most shapely and productive variety of this type, of a rich green color throughout its entire length, very straight and symmetrical. We have improved this variety known and a trial order will convince you of the truth of this statement. For the past two seasons late Spring orders for this stock have been unfilled, our increased quantity of seed being insufficient to supply the large and growing demand. Price: Per pkt., 10c.; ½ oz., 15c.; oz., 20c.; ¼ lb., 40c.; lb., \$1.25.

SWEET CORN, White Evergreen.

This valuable Sweet Corn possesses all the good points of our Eastern grown strain of Stowell's evergreen, with the additional advantage that in the green state both **cob and grains are pure white.** The quality is of the very best. There is nothing in late Corn that can equal it. The stalks are strong and vigorous, the ears are very large and uniformly well filled to the tip with long slender grains of the most delicious flavor. Our stock being grown from the originators, is absolutely pure and as good as can be had. Pkt., 10c.; pt., 20c.; qt., 30c.; 2 qts., 50c.; 4 qts., 85c.; pk., \$1.35; bu., \$5.00. If by mail add 5c to the pt. and 10c. to the qt. prices.

Grand Rapids Forcing Cucumber.

This originated with Mr. Davis, the raiser of the Davis Wax Bean and Grand Rapids Forcing Lettuce. It embodies his ideals of a greenhouse cucumber, in regard to size, shape, color and productiveness. This cucumber is the result of many years of selection and of reselection. We secured Mr. Davis' entire stock of seed, which is very small, although we paid a very handsome price for the same. It is a very shy seeder. This cucumber has been shipped for several seasons to some Chicago commission men who have always found for it a ready sale even in preference to home-grown stock.

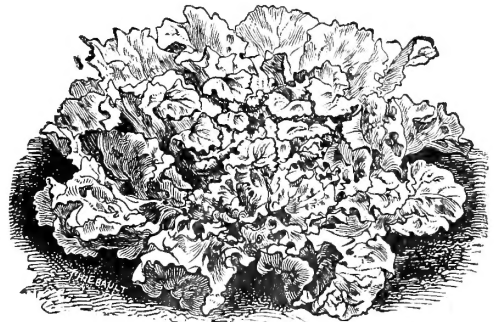
Broad-Leaved Endive.

Scarole or Escarol.

This is one of the most palatable of vegetables, too little known. The leaves make delicious "Greens" during the summer and fall, cooked the same as Dandelion or Spinach. When cooked the leaves have a most pleasant flavor, quite similar to Dandelion. Sow in a row in the vegetable garden, about the same as lettuce. One packet is sufficient for a medium-sized family. Directions how to cook Endive go with the seed

CUCUMBER, Boston Forcing White Spine.

VAUGHAN'S. Darker than Arlington, more slender, smooth, very even and regular in form. The whitish markings are feint and more blended with green than usual. 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., 25c.; 2 oz., 40c.; ¼ lb., 70c.; lb., \$2.25.



BROAD-LEAVED ENDIVE.

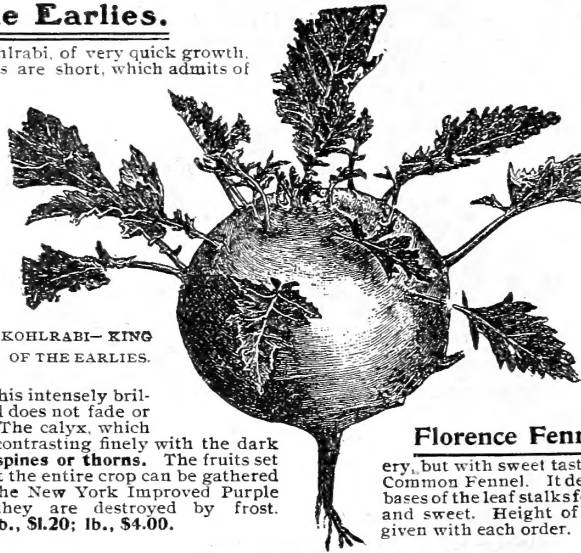
Price, pkt. (65 seeds), \$1.00 net. Pkt., 10c.; ½ oz., 15c.; oz., 25c.

VAUGHAN'S VEGETABLE SEED NOVELTIES and SPECIALTIES for 1905

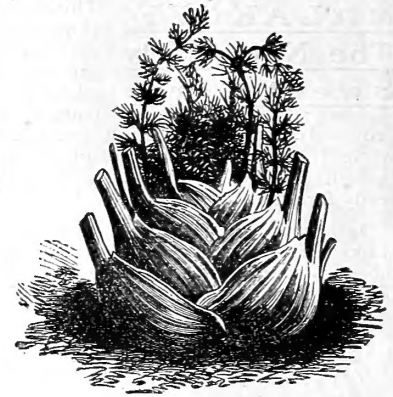
Kohlrabi, King of the Earlies.

This is an extra choice strain of a white Kohlrabi, of very quick growth, very tender and of excellent flavor. The leaves are short, which admits of close planting and their being raised in frames for early use. Pkt., 10c.; oz., 25c.; 2 oz., 45c.; ¼ lb., 75c.

This is another vegetable not sufficiently known and appreciated, and in order to encourage its use we will send directions how to cook the same with orders.



KOHLRABI—KING OF THE EARLIES.



Florence Fennel. An excellent legume with agreeable aromatic flavor, somewhat resembling celery, but with sweet taste and a more delicate odor. Very distinct from Common Fennel. It deserves to be used extensively. The thickened bases of the leaf stalks form a head or enlargement (see cut), firm, white and sweet. Height of plant, 2 feet. Directions for culture and use given with each order. Pkt., 5c.; oz., 10c.

New Egg Plant— "Black Beauty."

THE EGG PLANT for the Home Garden or Northern Locations.

From 10 to 12 days earlier than New York Improved Purple. The fruits are broad and thick, of most attractive form, and of the finest flavor.

The skin is a rich, lustrous, purplish black. This intensely brilliant coloring is uniform over the whole fruit and does not fade or change to a lighter color at the blossom end. The calyx, which attaches the fruit to the stem, is bright green, contrasting finely with the dark satin skin of the fruit, and is entirely free from spines or thorns. The fruits set most freely and are ready to market early, so that the entire crop can be gathered before there is any danger of frost, while of the New York Improved Purple many fruits do not reach full size before they are destroyed by frost. Pkt., 10c.; ½ oz., 20c.; oz., 40c.; 2 oz., 70c.; ¼ lb., \$1.20; lb., \$4.00.

Drumhead Kale.

This delicious new vegetable partakes of the nature and appearance of a Kale and a Cabbage combined. The outer leaves resemble the Kale and the heart is that of a Cabbage. The delicately flavored midribs of the leaves are as tender as asparagus. It is dwarf in habit, perfectly hardy, and a most useful winter vegetable. Pkt., 10c.; ½ oz., 15c.; oz., 30c.

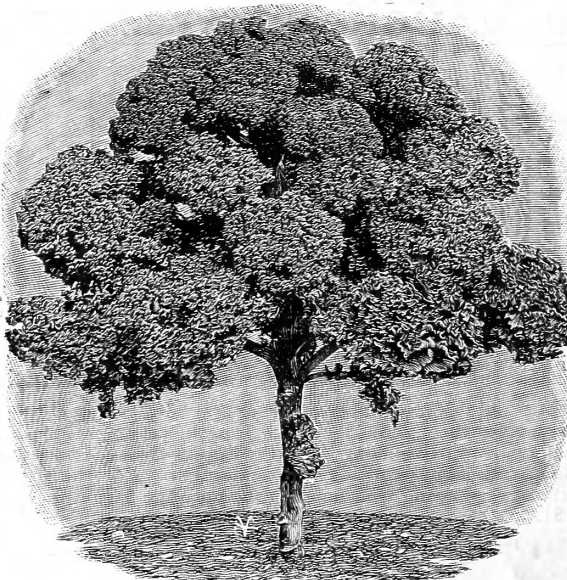
Kale—Purple Ostrich Plume.

This is the most beautiful of the ornamental Kales. It should be in every flower garden, shrub or perennial border. The plants grow about 2 feet high; the leaves are feathery and the most striking purple color. It is undoubtedly a most effective foliage plant. Pkt., 10c.

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. They are cheaper than amber beads, which are used for the same purpose, and are a sure cure. Also used to advantage in basket making and raphia work. Per oz., 5c.; (2 ozs., make a chain); ¼ lb., 15c.; lb., 40c.



VAUGHAN'S EXCELSIOR MOSS-CURLED KALE.

Vaughan's Excelsior Moss Curled Kale.

This is by all odds the best Kale in existence. The plants grow from 18 to 24 inches high and produce as many as 50 usable leaves to a plant. The leaves are very curly and in flavor they are unsurpassed. The seed should be sown in April, May or early June, and the seedlings be planted 2 feet apart each way when large enough to handle. Pkt., 10c.; ½ oz., 20c.; oz., 30c.; 2 oz., 50c.; ¼ lb., 85c.

New Lettuce, "Unrivalled."

An improvement on the famous Big Boston Lettuce, possessing all the good qualities of this kind, viz: Earliness, large size, attractive color, etc. Its additional value lies in the fact that it can be sown almost the whole year round; it resists summer heat remarkably well, is crisp and solid when other sorts become tough and flabby under the same conditions. Pkt., 5c.; oz., 15c.; 2 ozs., 25c.; ¼ lb., 40c.; lb., \$1.25, postpaid.

New Forcing Head Lettuce, "May King."

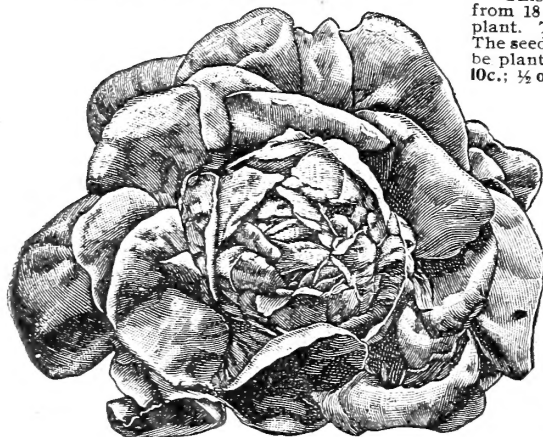
This new lettuce is largely grown for the Berlin market where it has proven a money maker. It develops with surprising rapidity, is very large, heavy, tender and of best quality. In open ground trials in Germany it was ready for use 10 days earlier than any other head lettuce. Our seed is imported direct from Germany. Pkt., 10c.; ½ oz., 20c.; oz., 35c.; 2 oz., 65c.



Giant Feeding Sugar Beet, or Half Sugar Mangel.

The Most Profitable Winter Feed for Stock.

The roots of this new Mangel are more valuable, pound for pound, than those of the best strains of Sugar Beets, supplying food of very much higher nutritive value, and not only are they of better quality, but they yield more than twice as much. As shown in the above illustration the roots grow partly out of the ground which renders the harvesting of the crop very easy. Every progressive farmer should try this new food. It requires from 4 to 6 pounds to sow an acre. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 35c.



NEW CABBAGE LETTUCE "UNRIVALLED."

VAUGHAN'S VEGETABLE SEED NOVELTIES and SPECIALTIES for 1905

New Parsnip.

Vaughan's Marrowfat.

This excellent new Parsnip is the finest ever offered to the public. It grows to a good size, is of perfect form, and the skin is very clear and smooth. When cooked the flavor is far superior to other varieties, and it is very handsome and much used for exhibitions. Pkt., 10c.; oz., 15c.; 2 oz., 25c.; ¼ lb., 40c.; lb., \$1.25, postpaid.

English Wonder Pea.

A dwarf second early variety, vigorous and uniform in growth, bearing in profusion, slightly curved pods, broader and larger than American Wonder, well filled with Peas of extra good flavor. From a week to ten days later than American Wonder, a most desirable dwarf wrinkled sort to follow after Nott's Excelsior and American Wonder, much more productive than either, fully their equal for the table and which we confidently recommend; seed light green, wrinkled and often squared at the ends. Height 12 inches. Pkt., 10c.; pt., 15c.; qt., 30c.; 2 qts., 55c.; 4 qts., 90c., peck, \$1.70; bush., \$6.25. If by mail, add 8c. to the pint and 15c. per quart for postage.

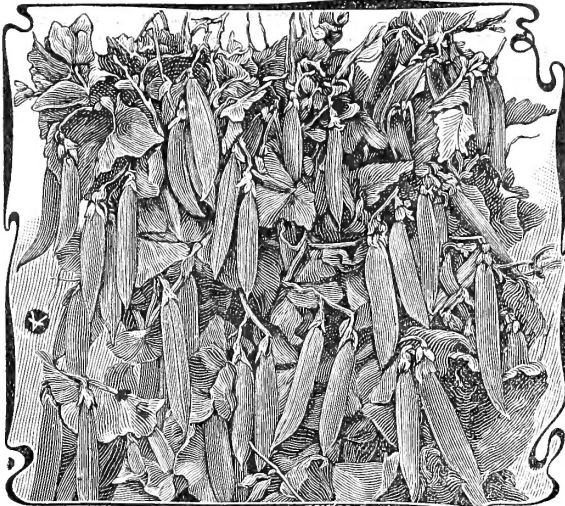
"Thomas Laxton."

New First-Early Large-Podded Pea. This fine new early Pea was raised by crossing "Gradus" (Prosperity) with a very early seedling of the "Earliest of All" type. It is a wrinkled marrow with a good constitution. In earliness it is within a day or two of "Earliest of All," but pods contain on the average 7 or 8 very large peas of the richest flavor. The height is from 3 to 3½ feet. As a first early we consider this is the finest early pea ever introduced and likely to supersede that fine early pea "Gradus," being earlier, hardier in constitution and darker in color. It is a reliable market gardener's as well as private gardener's pea. Pkt., 10c.; ½ pt., 15c.; (by mail, 20c.); pt., 20c.; (by mail, 30c.); qt., 35c.; (by mail, 50c.); 4 qts., \$1.20; peck, \$2.25; bushel, \$8.00.

Vaughan's Magnum Dulce Pepper.

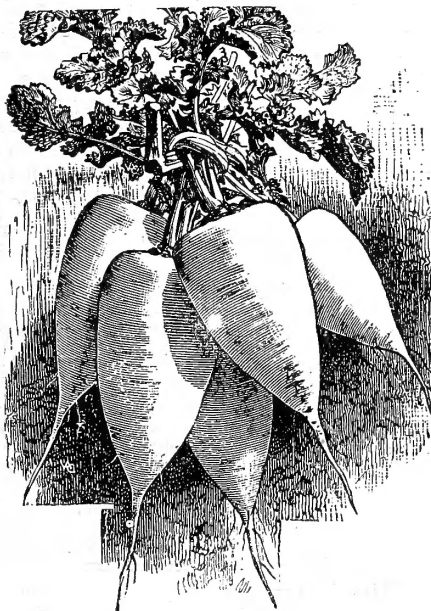
Decidedly superior to Chinese Giant or any other variety known to market in size and sweet quality. Theresult of many years careful selection by a successful grower. It is fully as prolific as Ruby King, much stronger in growth and foliage as well as larger in fruit. The flesh runs from ½ to ¾ inch in thickness and is exceptionally mild and pleasant in flavor. 15 fruits fill a bushel basket. Pkt., 15c.; 2 for 25c. If you want the best of all Peppers buy this. It was awarded a Certificate of Merit at the American Institute, September, 1903.

PARSNIP—VAUGHAN'S MARROWFAT.



PEA—ENGLISH WONDER.

THE MAGNUM DULCE PEPPER.—This enormous variety appeared several years ago in the fields of T. M. White, Little Silver, N. J., and is most likely a cross between Chinese Giant and Ruby King. It differs from the former in greater length, while retaining the full thickness, some specimens reaching almost eight inches, thicker flesh and increased productiveness. It is probably the largest pepper grown, and has been introduced to the trade by Vaughan's Seed Store, New York and Chicago, under the name of "Magnum Dulce." The plant is vigorous and rapid in growth, ripening the great peppers early for a large variety. The color is bright scarlet, quality mild and sweet. For market and home use it is not excelled by any large fruited pepper, and is particularly valuable for those who wish to grow the largest possible fruits for exhibition purposes.—DR. VAN FLEET, in "Rural New Yorker."

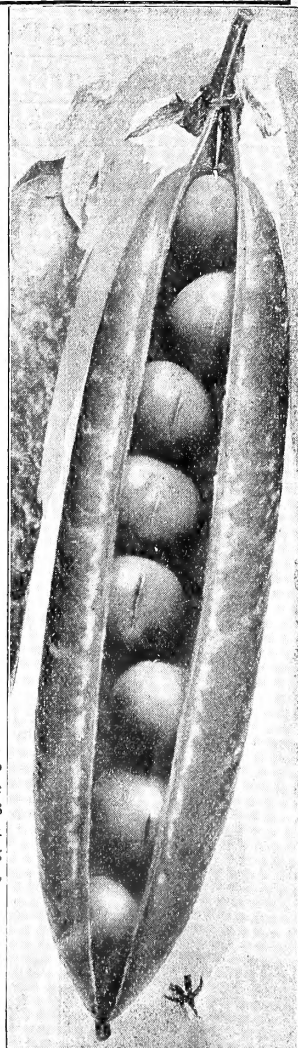


The Munich Radish.

We have secured some seed of this famous Radish, well known to every German and every traveler. To those not acquainted with this delicious radish we will describe it briefly. The Radishes grow from 6 to 8 inches in length, are broad at the shoulder, have a white and thin skin, are smooth and grow quickly; flavor mild and agreeable. Pkt., 10c.; oz., 15c.; 2 oz., 25c.; ¼ lb., 40c.; lb., \$1.25, postpaid.

Vaughan's Novelty Collection No. 5

1 pkt. each of the following new vegetables: Bean, Round Pod Kidney Wax, Sutton's Excelsior Pea, Arlington Cucumber, Malakoff Sweet Corn, Dwarf Stone Tomato, Broad-Leaved Endive, Kohlrabi King of the Earlies, Crimson Giant Radish, FOR 60c.



THOS. LAXTON.



PEPPER.

We wish to impress it on our customers and others who receive this catalog that on quality only we have built up our business and mean to continue to do so. We carry nothing but the best of everything—seeds that are bound to give satisfaction to the private gardener and are money makers for the trucker.

Cheap seeds are dear at any price, while the best are always the cheapest, and such are Vaughan's.

RADISH, IMPROVED EARLY SCARLET GLOBE VAUGHAN'S SELECTED STOCK



RADISH

Improved Early Scarlet Globe.

Vaughan's Selected Stock.

LITTLE SILVER, N. J., Dec. 1, 1904.—Send me another 5 lbs. of your selected stock of Scarlet Globe Forcing Radish for immediate use. I am now shipping radishes every day, grown from this stock, and the crop is the most productive I have ever grown during my twenty years of gardening. T. M. WHITE, Florist and Gardener.

A desirable sort for hot-bed forcing and out doors; very early; mild and crisp, juicy and tender; top small; will stand heat without becoming pithy. One of the best selling and most attractive Radishes on account of its bright scarlet color and handsome shape, is ready in 28 days. **Our stock of this is the very best**, selected with special care as to size, shape, color and earliness, and market gardeners will find it a money maker, as it is just right in every respect. Market gardeners who raise this (and other sorts, too, for that matter) can depend on the quality being right. We take the greatest pains to have it so. For family use this should be sown every ten days in order to always have a fresh supply. Price, pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 90c., postpaid; by express, 5 lbs., \$3.25; 10 lbs., \$6.00.



ICICLE RADISH

Icicle

The best long white Radish.

Entirely distinct, long, slender, pure white. **Very early, the earliest and finest long white.** It is ready for use fully as early as the Long Scarlet Short Top, with less foliage, rendering it most desirable for forcing. In the open ground the roots continue brittle, crisp and mild until they are fully as large as those of the Long Cardinal. The Icicle is perhaps superior to the finest red ones. Roots pure snowy white, four inches in length and half an inch in diameter; they retain their crispness and fresh, mild flavor until fully six inches long and an inch in diameter. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Large, sweet or Mammoth

Pie Pumpkin.

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 warty. 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. Per lb., \$1.50; ¼ lb., 45c.; 2 oz., 25c.; oz., 15c.; pkt., 10c.

"Chicago Giant."

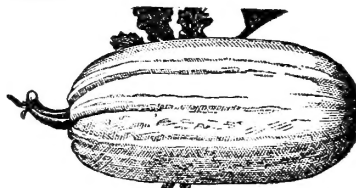
The New Rhubarb

The largest Rhubarb in existence. The stalks are of enormous size, of a beautiful light red. In flavor it is equal to the best. This is a plant that should be in every garden; all it requires is rich soil. They grow with age; are most useful and also ornamental. Pkt. 25c.; 3 for 65c.

Radish, "Crimson Giant."

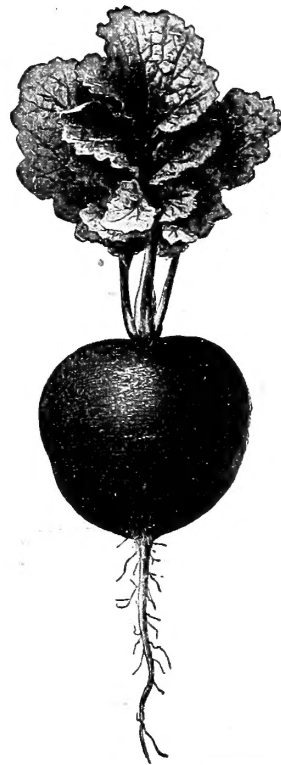
or Wurzburger Forcing.

This new radish is an entirely new type, and differs radically from all the 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.** This giant radish develops roots of **6 to 7 inches** in circumference and **over an ounce** in weight, their pure white flesh remaining firm and crisp and of the mildest flavor, but notwithstanding the extraordinary size and weight of its bulbs it is second to none as a forcing variety. It is equally well adapted to outside culture. The seed should be sown very thinly to permit full development of the roots. Pkt., 10c.; oz., 20c.; 2 ozs., 30c.; ¼ lb., 50c.; lb., \$2.00 postpaid.



Vegetable Marrow.

This is one of the most important vegetables in the English markets, but little known in this country. The fruit is generally eaten when it is less than half grown, as the flesh is then very tender and marrowy. It should always be used in a young state. Our packages contain cultural directions and recipes for cooking. Pkt., 10c.; oz., 15c.; 2 ozs., 25c.



CRIMSON GIANT RADISH.

VAUGHAN'S VEGETABLE SEED NOVELTIES and SPECIALTIES for 1905



The "Delicious" Squash.

"I never tasted anything like this in the squash line and I have eaten some good squashes."—L. B. FARWELL, Clinton, Mass.
 "The best squash by all odds that I have eaten for many a day."—ROBERT MANNING, Sec., Mass., Hort., Society.
 "It proved to be the sweetest and driest squash we had ever tasted."—MRS. A. E. WHITAKER, of the *New England Farmer*.
 "It was great; in which I include all the big adjectives in the way of commendation."—J. STONE, Swampscott.
 "I never before ate so fine a squash."—PROF. S. T. MAYNARD; Agricultural College, Amherst, Mass.

The Delicious Squash.

The Best Flavored Squash in Existence.

Its color is almost uniformly of a green shade with occasionally a blue specimen, it being just about as pure in this respect as was the original Hubbard. In size it also closely follows the original Hubbard, which weighed between five and ten pounds. In thickness of flesh it surpasses nearly every variety, the color being a dark orange. For table use no squash compares with it 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; but does not acquire its best quality until winter. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50 postpaid.

"It is remarkably dry, sweet and delicious."—PROF. JOSEPH B. LINDSEY, Agricultural College, Amherst.

"We think in some respects it surpasses the Hubbard when in its best estate, especially in fineness of grain, and delicacy of flavor."—LUTHER TUCKER & SON, Editors of *Country Gentleman*.

Says MRS. BUSHAW, of Middleton.—"It tastes just like a nice squash pie."

"Never in my life ate so nice a squash."—CHARLES WILKINS, Middleton.

The Dwarf Stone Tomato.

Double The Size of Dwarf Champion.

In habit of vine it resembles Dwarf Champion, but is of stronger growth and more erect. The fruit resembles that of the tall "Stone" in color, shape, and is practically same size. Ten fruits picked from one vine at same time weighed five pounds, three ounces. This was under field cultivation on farm land, with no fertilizer. Specimens

The Largest Dwarf in Existence.

weighing one pound each are quite common. The Dwarf Stone is fully double the size of Dwarf Champion, and yet equally as early. It is fully as prolific, and consequently vastly more productive. We consider this one of the best Dwarf sorts, one that will meet with general favor, especially with the class of growers where economy in saving land must be taken into account. The strong, upright habit of growth of New Dwarf Stone admits planting, at least a half closer each way than usual. In small gardens set 18x24 inches apart each way. The shape of the fruit is perfect, with a good skin, which is free from cracks about the stem end. It is very solid, ripens very evenly; and is of most excellent quality. Pkt., 10c.; ½ oz., 35c., oz., 60c.; 2 ozs., \$1.10.

"It is a great squash. never ate so good a one, it is almost a squash pie of itself."—A. A. OLMSTEAD, South Newbury, Vt.

Writes MR. PORTER, the largest provision dealer in the city of Salem,—"With such a squash as this I don't see the need of squash pies. And wife expresses the same idea, when she says The Delicious has spoiled my appetite for squash pies."

"It was the most delicious squash I ever ate."—JOSEPH B. TRIPP, South Middleboro.

"Delicious; the best squash I ever ate."—EDWARD CASWELL, Providence, R. I.

\$20.00 from 48 Plants.

Waupaca, Wis.
 I had 48 plants set out of Earliana Tomato. I picked the first fruit the 24th of July and realized \$20.00 from these 48 plants.

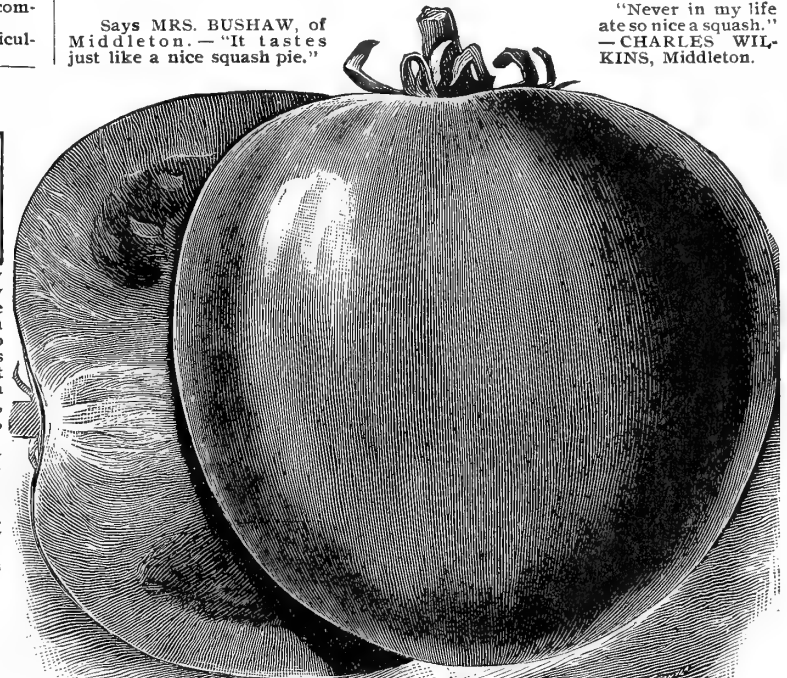
GEO. REIDER.

Vaughan's Model Tomato.

The fruit is first-class in size, smooth, very meaty, and of best quality; color, deep, brilliant scarlet. The plants are of bush form (similar to Dwarf Champion), holding the fruit well off the ground. It is the best sort we know for planting on rich, moist land, where the long-lived sorts will often decay. It is one of the first to ripen, which, with its brilliant color, grand size, fine shape and freedom from an "earthy" taste, makes it valuable to all Tomato growers. Grown among 25 leading kinds by a Tomato expert, he pronounces it the handsomest and most attractive sort in cultivation, besides possessing all the other requisite qualities to make it first-class for the home, garden or the market. Grows well under glass. Pkt., 10c., 3 for 25c., ½ oz., 30c.; oz., 50c.; 2 oz., 80c.



Vaughan's "Model."



New "Globe" Tomato.

An extra good all round sort, of distinct globe shape, with quite a large percentage of elongated fruits. It is a very beautiful variety, and, on account of its shape, one that permits of a greater average number of slices to be taken from each fruit.

In time of ripening it belongs among the first earlies. The fruits are of large size, and a good marketable size is retained throughout the season; always smooth, of firm flesh and has few seeds; ripens evenly; color, a fine glossy rose, tinged with purple, and without the slightest hint of yellow at any stage of ripening. An exceedingly productive variety, and a remarkably good keeper. In quality there is nothing more to be desired being mild, pleasant and of delicate flavor; unsurpassed for slicing or to eat from the hand.

For greenhouse growing or for early growing on stakes or trellises, which is now so much in vogue, it is second to none of the purple sorts. Packet containing 40 seeds each, 20c.; 3 for 50c.; 7 for \$1.00.

The Tall Champion Tomato.

It is an unusually strong and rank grower and heavy bearer. The fruit is large, smooth, well formed and heavy; of "Acme" color. A fair average size of the fruit is 2½ inches thick and 3¼ broad. It is a first-class solid, showy tomato. Under any adverse conditions it is one of the few sorts which stands up and makes a crop, while many kinds are almost failures. It has no resemblance whatever to Dwarf Champion except in color of fruit. Pkt., 10c.; ½ oz., 20c.; oz., 30c.; 2 ozs., 50c.; ¼ lb., 85c.

The Best is the Cheapest. Therefore buy Vaughan's Seeds and be assured of a good garden and an abundant harvest before you sow a seed.



Collection A.—For the City Garden.

This collection contains 20 varieties.

Price, \$1.25 postpaid, or \$1.00 if sent at buyer's expense.

- | | |
|------------------------------------|--|
| 1 pkt. Bean, Stringless Green Pod. | 1 pkt. Parsley, Moss Curled. |
| 1 " " Wax | 1 " Peas, Dwarf, Early. |
| 1 " Beet, Crimson Globe. | 1 " " Medium. |
| 1 " Cabbage, All-Head. | 1 " " Late. |
| 1 " Carrot, Chantenay. | 1 " Radish, 20-day Forcing. |
| 1 " Corn, Early Sweet. | 1 " Squash, White Bush. |
| 1 " " Late | 1 " Swiss Chard, or Summer Spinach. |
| 1 " Cucumber, White Spine. | 1 " Tomato, Dwarf Champion. |
| 1 " Lettuce, Black Seeded Simpson. | 1 " Turnip, Early Milan. |
| 1 " Onion, White Globe. | 1 " Sweet Peas, Eckford's Mixture, gratis. |
| 1 " " Large Red. | |

These Collections Contain only Choice Kinds. Selected to Give a Continuous Supply of Fresh Vegetables Throughout the Season.

Collection C.—For the Farm Garden.

This collection contains 47 varieties.
Price, \$5.00, by freight or Express at buyer's expense.
Weight, about 15 lbs.

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|---|---------------------------------------|
| 1 qt. Bean, Stringless, Green Pod. | 1 qt. Egg Plant, Improved Purple. |
| 1 " " Wax. | 1 " Endive, Green Curled. |
| 1 pint " Bush, Lima, Large. | 1 " Kale, Dwarf, Green Curled. |
| 1 oz. Beet, Crimson Globe. | 1 " Kohlrabi, White Vienna. |
| 1 " " Half-long Winter. | 1 " Leek, Rouen. |
| 1 pkt. Cabbage, Early Wakefield. | 1 " Lettuce, Black Seed, Simpson. |
| 1 " " All-Head Summer. | 1 " " Summer Heading. |
| 1 " " Danish Winter. | 1 oz. Musk Melon, Rocky Ford. |
| 1 oz. Carrot, Select Danvers. | 1 pkt. Water Melon, Cole's Early. |
| 1 pkt. Cauliflower, Vaughan's Snowball. | 1 qt. Onion Sets, Yellow Bottom. |
| 1 oz. Celery, White Plume. | 1 " " White Bottom (for green onion). |
| 1 " " Winter Queen. | 1 oz. Onion, Globe Danvers. |
| 1 pint Sweet Corn, Mammoth White Cory. | 1 " " Southport Red Globe. |
| 1 qt. Sweet Corn, Early Champion. | 1 pkt. Parsley, Moss Curled. |
| 1 " " White Evergreen. | 1 oz. Parsnip, Magnum Bonum. |
| 1 oz. Cucumber, White Spine. | |
| 1 " " Chicago Pickling. | |

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|-----------------------------------|---------------------------------------|
| 1 qt. Bean, Stringless Green Pod. | 1 qt. Onion Sets, White Bottom. |
| 1 " " Wax. | 1 pkt. " Seed, Globe Danvers. |
| 1 pkt. " Bush Lima. | 1 " Parsley, Moss Curled. |
| 1 " Beet, Crimson Globe. | 1 " Parsnip, Hollow Crown. |
| 1 " Cabbage, Early Wakefield. | 1 pint Peas, Early Dwarf, Nott's. |
| 1 " " Danish Ballhead. | 1 " " English Wonder. |
| 1 " Carrot, Chantenay. | 1 pkt. Pepper, Sweet Mountain. |
| 1 " Celery, White Plume. | 1 " Pumpkin, Vaughan's Sugar Pie. |
| 1 " Cucumber, White Spine. | 1 " Radish, 20-days' Forcing. |
| 1 " " Chicago Pickling. | 1 " " Crimson Giant. |
| 1 " Lettuce, Curled Leaf. | 1 " Salsify, Mammoth. |
| 1 " " Summer Head. | 1 " Squash, White Bush. |
| 1 " Musk Melon, Rocky Ford. | 1 " " Delicious." |
| 1 " Water Melon, Coles' Early. | 1 " Swiss Chard, or Summer Spinach. |
| 1 " Sweet Corn, Early. | 1 " Tomato, Tall Champion |
| 1 " " Late. | 1 " Turnip, Early Milan. |
| | 1 oz. Bush Sweet Peas, Mixed, gratis. |

Vaughan's Collections of Garden Seeds.

FOR PLOTS OF VARIOUS SIZES.

There are so many varieties of each kind of vegetable that it is often difficult to choose the most satisfactory kind. The following collections contain standard sorts which we can confidently recommend. They have been chosen after careful consideration of the best sorts to give a satisfactory succession.

SINCE THESE COLLECTIONS are put up before the busy season, we can afford to furnish them at these especially low prices, but we cannot make any alterations in their composition.

Free With every one of these 2 Bargain Collections we mail a copy of "Vaughan's Vegetable Garden," which tells how to sow and plant.

Collection B.—For the Suburban Garden.

This collection contains 32 varieties. Price, \$2.25, by express at buyer's expense. Weight packed for shipment about 5 lbs.

A Word to Our Customers for 1905

Competition.

While our prices here printed are so evidently reasonable that seemingly nothing is to be said regarding them, yet there are so many seeds of doubtful pedigree, weak vitality, and undesirable quality generally, offered for sale, that we ask our customers to remember that Vaughan's Seed Store will not buy or handle at any price vegetable or flower seeds unless raised by experienced growers from stock seeds of known purity and genuineness.

Therefore, we do not believe because you see seeds or plants offered by other firms under similar names that the same are equal in real value to ours, for often they will fill orders with seeds that we would not send out at any price.

About Seed Crops.

The past season has been generally a good one for seed crops both in this country and in Europe. There are very few short items of these, the principal one is beans, which is short for the third season. Dwarf Peas and a few varieties of vines seeds principally musk melon are the other scarce seeds. Low prices on these seeds should be scanned with suspicion. Scarce items always bring out old and inferior stocks, which ordinarily would be unsaleable. Our stocks are grown especially for us, inspected and tested by us for purity and germination.

Humbug Novelties.

For 28 years our claims for the merits of the seeds or plants, old or new, offered by us, have been most conservative. What a long list of exploded Big Promise Novelties have been tried in American gardens during that time with disappointing results.

Gardeners.

We shall be pleased to render assistance to our customers who may require gardeners at any time. We are keeping a list of gardeners who are seeking situations. There is no fee.

Knowing the Business.

Seeds, like drugs, require expert knowledge to handle and sell them. Seeds are of little value for pleasure or profit when bought through inexperienced hands, and from unknown or doubtful sources. Our stock books show record of grower, date of crop, and vitality test of all seeds sold by us. We sell large packets of fresh seeds, the best of their kind, and worth as much more than penny packets as we ask for them.

True Descriptions.

We have made most careful comparisons through our entire lists, both in our own trials and careful observation of many European testing grounds, and our descriptions of all varieties here offered will be found as true as we can make them. The merits of one kind are compared with those of similar sorts, thus enabling the purchaser to arrive at some intelligent opinion of their real merits.

Our Mail-Order Business.

We have the best equipment possible for the handling of Mail Orders. That is the larger part of our business. Our employes are experienced and are employed here the year around. Your orders are not handled by clerks employed only for the busy season. We send all plants and seeds prepaid except when otherwise stated. We fill all orders the first or second day by mail or express, except plants in freezing weather.

Our Two Retail Stores.

In Chicago and New York our retail stores are in the center of the trading districts. At either of these stores you can choose from 2,000 different kinds of seeds. We have clerks who are experienced. We have expert gardeners to advise you. Our knowledge of horticulture is at the service of our customers. Any inquiry that you wish to make will be answered by an expert.

NEW YORK 14 Barclay Street **VAUGHAN'S SEED STORE** **CHICAGO** 84 and 86 Randolph St
Greenhouses and Nurseries: **WESTERN SPRINGS, ILL.**

300,000



FLORISTS, Truckers and Private Planters sowed **Vaughan's Seed** in 1904, they were served from our stores at Chicago and New York, either by mail or in person. **This is only one season's record.** The growth of our business shows a strong and steady increase.

Our seed is grown especially for Market Gardeners and Truckers and is therefore best for private use. We handle none but the best and our increasing trade during the last 28 years proves it. Each one of the above customers found **Vaughan's seeds** always good, always reliable.

Seed buying should not be decided on the claim of cheapness, the quality and not the price should be the consideration.

The matter of saving a trifle of a few cents is nothing compared to the loss of labor, ground and perhaps the entire crop with the added disappointment when seeds are bought for low prices, rather than for quality.

The prices quoted in this catalogue include free delivery on packets, ounces, one-fourth pounds and pounds (except where otherwise stated). They do not include delivery charges on larger quantities, nor on pints, quarts, pecks or bushels.

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

Artichoke. GREEN GLOBE. Produces large globular heads; scales green, shading to purple; best for general use. Pkt., 10c.; oz., 30c. See index for **Green Globe Plants**, and **Jerusalem Artichoke**.

Asparagus Seed. This seed should be sown in March or April, just as soon as the ground can be worked, in good, rich, mellow soil, in drills one foot apart, then covered with earth from one-half to three-quarters inch deep.

EARLY ARGENTEUIL, see novelties.

CONOVER'S COLOSSAL. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 35c.; 5 lbs., by express, \$1.50.

BARR'S MAMMOTH. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

COLUMBIAN MAMMOTH WHITE. Produces white shoots which remain white. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 55c.

PALMETTO. One of the best. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

Asparagus Plants. These prices do not include postage. If to go by mail, add 25c. per 100 for the 1-year-old plants, and 50c. per 100 for the 2-year-old plants. We furnish 25 of a kind at the 100 rate. **Special prices on larger lots on application.**

COLUMBIAN MAMMOTH WHITE. One-year-old roots, doz., 15c.; 100, 75c.; 500, \$2.75; 1000, \$5.00. Two-year-old roots, 100, \$1.00; per 1000, \$6.00.

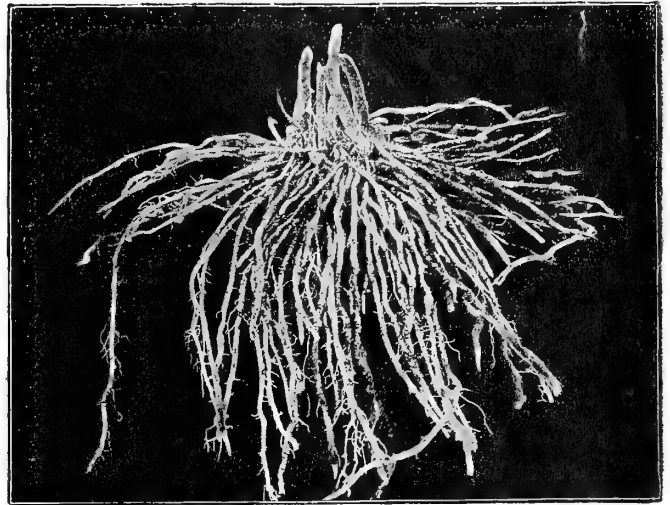
CONOVER'S COLOSSAL. One-year-old roots, 100, 50c.; 1000, \$3.75. Two-year-old roots, 100, 70c.; 1000, \$5.00; 2000, \$9.50; 5000, \$20.00. Three-year-old roots, extra strong, 100, \$1.25.

BARR'S MAMMOTH. One-year-old roots, per 100, 60c.; per 1000, \$4.50. Two-year-old roots, doz., 20c.; 100, 75c.; 500, \$3.00; 1000, \$5.50.

PALMETTO. One of the hardiest sorts, almost "blight proof," of excellent quality and fine appearance. One-year-old roots, per 100, 60c.; 500, \$2.50; 1000, \$4.50. Two-year-old roots, per 100, 85c.; 500, \$3.00; 1000, \$5.25. Three-year-old roots, per 100, \$1.25.

An Asparagus Bed Is not planted every year, and a mistake made in the selection of the kind is of serious consequence to the gardener who depends on his asparagus for a revenue, and is very annoying to the man who plants it in his garden. Plant, therefore, **the right kind**, and Bonvallet's Giant is IT, and "Vaughan's Vegetable Garden" will tell you HOW.

Asparagus Culture. A treatise on the best methods employed in England and France by Barnes and Robinson, with translation of Leboeuf's Essay on Asparagus. Price per copy, bound in cloth, 50c, postpaid.



New Asparagus. "BONVALLET'S GIANT." This new Asparagus brings the highest prices in the Chicago market, and is in great demand for its flavor and the great size and whiteness. Its superior qualities are: **EARLY BEARING** of extra long spears, which are tender and of fine flavor. **LASTING QUALITY.** Since the crown does not divide, it yields large shoots for a longer time than any of the older kind. **RESISTANCE TO THE ASPARAGUS RUST,** which has been so disastrous to many asparagus beds.

SEED.—pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 oz., 40c.; ¼ lb., 60c.; lb., \$2.00.

TWO-YEAR-OLD SELECTED ROOTS.—Doz., 25c.; 25 for 50c.; per 100, \$1.75; 250 for \$3.25; per 1000, \$12.00. If by mail, add 20c. per 100 for postage.

Asparagus is a gross feeder. The earliness, tenderness, size and commercial value of the product depends principally on the rapidity of its growth, and as this is materially promoted by the richness of the soil, the plants should receive all the food they can assimilate during the growing season.

Vaughan's Truck Manure, No. 2 The ideal fertilizer for Asparagus. It should be applied at the rate of 1500 pounds per acre, or one pound to three plants at the time the bed is made, and the same amount each year at two applications. The first application as soon as the snow is gone in the spring and the second as soon as the cutting season is finished. Price 25 lbs., 70c.; 50 lbs., \$1.25; 100 lbs., \$2.00; 200 lbs., \$3.50; 1000 lbs., \$15.50; 2000 lbs., \$30.00. If shipped from New York add 40c per 100 lbs., to these prices.

Asparagus to Perfection. Some early vegetables such as Lettuce, Cabbage, Celery, Spinach and Asparagus are hastened and the quality improved a hundred per cent. by the application of Nitrate of Soda, in addition to the Manure regularly used. This applies particularly to Asparagus, as it not only makes larger stalks and improves the quality but by the added vigor enables it to far better withstand the rust, in fact it usually overcomes this entirely.

The time to apply it with best results is as soon as the shoots first appear and again in ten days, first pulverizing the Nitrate of Soda then sowing it broadcast over the entire bed, at the rate of one pound for three plants or 100 pounds per acre at each application. Price (subject to market changes), 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 100 lbs., \$3.25; 500 lbs., \$15.00; 1000 lbs., \$28.50; 2000 lbs., \$56.00. If shipped from New York, 40c. per 100 lbs. cheaper.

Vegetable Gardening



A MANUAL

on the growing of vegetables for home use and marketing.

By

SAMUEL B. GREEN,

Professor of Horticulture U. of Minn.

Revised Edition.

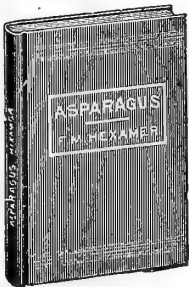
Regular Price, \$1.25; Our Price, 65c.

Every gardener and private planter should have this book; it will pay for itself the first summer a hundred times.

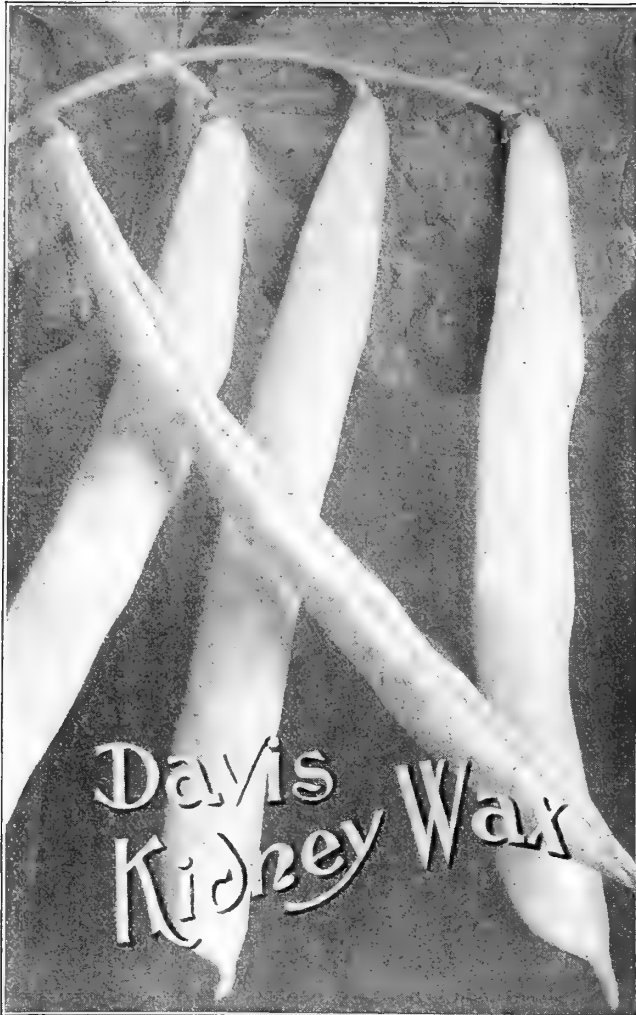
ASPARAGUS

By F. M. Hexamer.

This is the latest book on the culture of this profitable vegetable. Every gardener should have it. It tells how to prepare the ground, plant, cultivate, fertilize, harvest, pack, ship and can the product. Gardeners, in order to make money, must read and be up with the times. Price, 50 cents.



Every dollar spent for good gardening books means one hundred dollars extra in larger returns.



BEANS BUSH OR SNAP

Wax or Yellow-Pod Varieties

Davis White Wax. The vine is rustless and very vigorous, bearing next its center many clusters of handsome pods. The pods are long, often growing 7 or 8 inches in length, are straight and of a clear waxy white; in quality they are very brittle, crisp and tender. It is one of the best Snap Beans for shipping, and one of the best for canning. The dry Beans are kidney shaped, clear white, and excellent for baking. This Bean has the greatest value for either the market or the home garden.

Wardwell's Kidney Wax. One of the earliest, hardest and most productive of all Wax Beans. It is nearly a week earlier than the Golden Wax, and yields one-third more, and it is almost entirely free from rust and spots. The pods are long and showy, very tender, stringless, and of excellent quality.

Stringless Refugee Wax. Of special value to market gardeners, as it is suitable for early or late sowing, and for a wet or dry season. If sown in Spring, it will give seed in time for a second crop in Fall. It is a perfect Refugee, with wax pods that are long, round and of a golden-yellow color, and an immense yielder.

Everbearing Brittle Wax. The Bean for the home garden, a new Wax Bean that has many excellent qualities for home use. Of vigorous growth and large foliage and extraordinary productiveness. 100 pods having been counted on a single bush. It also continues in bearing through the season. The pods are fleshy, of beautiful color, delightfully tender, brittle and stringless during their entire growth.

Improved Golden Wax. It is an early and very productive sort, the pods being long, nearly straight, broad, flat, golden yellow, very fleshy and wax-like, with short green points, cooking quickly as snaps, shelling well when green, and of the highest quality used in either way.

Pencil-Pod Wax. An extremely good new Bean, being very early, very prolific and of excellent flavor. The pods are from 5 to 6 inches long, thick, fleshy, as round as a pencil and absolutely stringless. A beauty in shape and color of the true waxy type.

Rustless Golden Wax. Very early and productive; of excellent quality crisp and tender. It keeps longer than any other after picking, which renders it valuable for distant shipping.

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.

These prices, except for packets, do NOT include postage; if to go by mail, add 8 cents per pint or 15 cents per quart.

ANY OF THE FOLLOWING, PER LARGE PKT., 10c.

	PINT	QT.	1/2 PK.	PK.	BU
Davis Kidney Wax	25c	40c	\$1.25	\$2.25	Write for prices.
Wardwell's Kidney Wax	25	40	1.35	2.50	
Stringless Refugee Wax	20	35	1.10	2.00	
Brittle Wax Everbearing	25	40	1.25	2.25	
Rustless Golden Wax	20	35	1.10	2.00	
Improved Golden Wax	20	35	1.10	2.00	
Prolific German Black Wax	20	35	1.10	2.00	
Challenge Black Wax	20	35	1.10	2.00	
Pencil-Pod Wax	20	35	1.10	2.00	
Jones' Stringless Wax	25	40	1.25	2.25	Write for prices.
Valentine Wax	20	35	1.10	2.00	
Golden-Eyed Wax	20	35	1.10	2.00	
Flageolet Wax	20	35	1.10	2.00	
Giant Yosemite Wax	25	45	1.50	2.75	

For a third year Bush Beans are scarce. High prices bring out inferior stocks which in ordinary years would be unsalable. Our Beans are all new crop, grown especially for us, and inspected by us for purity. We wish to divide the limited amount of Beans we have as equally as possible among our customers. Therefore, we list these only by the peck. Persons desiring larger amounts should write and if we possibly can we shall quote by the bushel. The question this year is not one of price but supply.

Pole or Climbing Lima Beans

Ford's Mammoth Pole Lima. The largest and most productive Lima Bean. The pods of this most 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. It might be called the ever-bearer, as the pods are produced early at the bottom of the pole, and are continuously produced until the frost destroys the vines.

Siebert's Early Lima. The vine is so productive that, although the pods rarely contain more than 4 Beans, the yield is enormous, and is produced from the very first to the last of the season. The green shelled Beans are of immense size, and are tender and succulent. They shrink in drying to about the size of the Large White Lima. In earliness, ease of shelling, size, beauty and quality of the Green Beans, this variety is far in advance of all other sorts.

King of the Garden Lima. Finest stock for market gardeners. When not planted closely they set their pods early at the bottom of the pole, producing a continuous bloom and fruitage to the end of the season. The pods are of enormous size, many specimens measuring from 5 to 8 inches and producing up to 7 Beans to the pod, all perfectly formed and of superior quality.

ANY OF THE FOLLOWING, PER LARGE PKT., 10c.

PINT, 15c.; BY MAIL, 23c.

	QT.	1/2 PK.	PK.	BU.
Ford's Mammoth Lima	30c	\$1.00	\$1.75	\$6.50
Large Lima, selected seed	30	.90	1.65	6.25
Siebert's Early Lima	30	1.00	1.75	6.75
Dreer's Improved or Challenger Lima	30	1.00	1.75	6.75
"King of the Garden" Lima	30	1.00	1.75	6.50
Extra Early Jersey Lima	30	1.10	1.90	7.25

Pole Beans

Early Golden Cluster Wax. A desirable sort, only 7 days later than the Dwarf Golden Wax. The pods are tender, 6 to 8 inches long, borne profusely in clusters of 3 to 6, and are of a beautiful golden-yellow color, which they retain a long time after being picked. They snap easily, are stringless, and delicious.

Kentucky Wonder or Old Homestead. A very prolific sort producing its long pods in large clusters. The pods, when young, are nearly round, of best flavor, and are most excellent for snaps. One of the best and most profitable Beans for the market gardener, the pods being so showy and produced in great abundance.

Scarlet Runner. A favorite, both as a Snap Bean and for its flowers, which are of a bright scarlet. Small packet. 5c.

Lazy Wife. The pods are produced in great abundance and measure from 6 to 8 inches in length; they are broad, thick, very fleshy and entirely stringless. The pods retain their rich, tender and stringless qualities until nearly ripe, and are unsurpassed in all stages. Each pod contains 6 to 8 round white Beans, which make excellent Winter shell Beans. They are late to mature, but are valuable to extend the season. This is an excellent Bean.

These prices, except for packets, do NOT include prepayment by mail; if wanted by mail, add 8c. to the pint and 15c. to the quart prices.

ANY OF THE FOLLOWING, PER PKT., 10c.

	PT.	QT.	1/2 PK.	PK.	BU.
Early Golden Cluster Wax	20c	30c	\$1.10	\$2.10	\$7.75
Lazy Wife	20	30	.90	1.65	6.25
Dutch Case-knife	15	30	.90	1.65	6.25
Horticultural Cranberry	15	30	.90	1.50	5.75
Kentucky Wonder	15	30	1.10	1.75	6.75
Creaseback	15	30	.90	1.65	6.25
Scarlet Runner	20	30	1.10	2.00	...
Burger's Stringless					
Earliest Giant Advance					and other new kinds.....see novelties



STRINGLESS GREEN POD—NATURAL SIZE.

BEANS

**Bush or Snap
Green Pod
Varieties. . . .**

Stringless Green Pod.

This excellent Bean produces a vine similar to Red Valentine, but develops pods to edible condition 2 to 3 days earlier than Valentine, that is to say in 30 to 31 days from germination. The pods are green, not quite so round as Valentine and less curved. The pods are absolutely stringless, breaking as short and free as pipe stems. This is undoubtedly the best of all Beans, and everybody should plant largely of it. Seed should be sown at intervals of 12 to 14 days, and as late as September. One quart is sufficient for a small kitchen garden.

Longfellow. The pods of this new Bean are about 6 inches long, pale soft green, straight and round, of delicious flavor; extremely early and a most abundant bearer.

These prices, except for packets, do NOT include postage; if wanted by mail, add 8 cents to the pint and 15 cents to the quart prices.

	Pkt.	Pint.	Qt.	½ Pk.	Pk.	Bu.
Bountiful, see page 1.....	\$0 10	\$0 15	\$0 25	\$0 80	\$1 60	Bu.
Black Valentine, see novelties .....	.....	.....	.....	.....	.....	Write for Prices.
Stringless Green-Pod.....	10	20	35	1 10	2 00	
Mammoth Stringless.....	10	20	35	1 10	2 00	
Longfellow.....	15	25	40	1 35	2 50	
Imp. Earliest Valentine.....	10	15	25	80	1 50	
Extra Early Refugee.....	10	15	25	80	1 60	
Refugee or 1000 to 1.....	10	15	25	75	1 50	
Early Mohawk.....	10	15	25	75	1 40	

CULTURE: SEE "VAUGHAN'S VEGETABLE GARDEN."
Ask for a copy. It is free to buyers of Vaughan's Seeds.
Add 8 cents per pint and 15 cents per quart to the prices on this page, if to go by mail. Packet prices include postage.

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 very thick and fleshy, of finest quality and unequalled in uniformity of ripening, which latter fact, combined with its earliness, makes it one of the most profitable sorts for the gardener.

Mammoth Stringless Green Pod. A mammoth podded selection from the original Stringless, not quite so early but more showy, and possessing the good qualities of the parent.

"Triumph of the Frames." This is the best Bean for forcing under glass and is equally desirable for out door planting, making delicious green "Haricots." The pods are long, slim and of best flavor.

	Pkt.	Pint.	Qt.	½ Pk.	Pk.	Bu.
Early Round-Pod 6 Weeks..	\$0 10	\$0 15	\$0 25	\$0 75	\$1 40	Bu.
Long Yellow 6 Weeks.....	10	15	25	75	1 35	Write for Prices.
GardenPride, see novelties...	.....	.....	.....	.....	.....
Triumph of the Frames.....	10	20	40	.....	.....
White Kidney.....	10	15	25	75	1 25	
White Marrow.....	10	15	25	75	1 25	
Dwarf Horticultural.....	10	20	35	1 10	1 75	
Improved Navy.....	10	15	25	60	1 00	
English or Broad Windsor....	10	15	25	80	1 60	

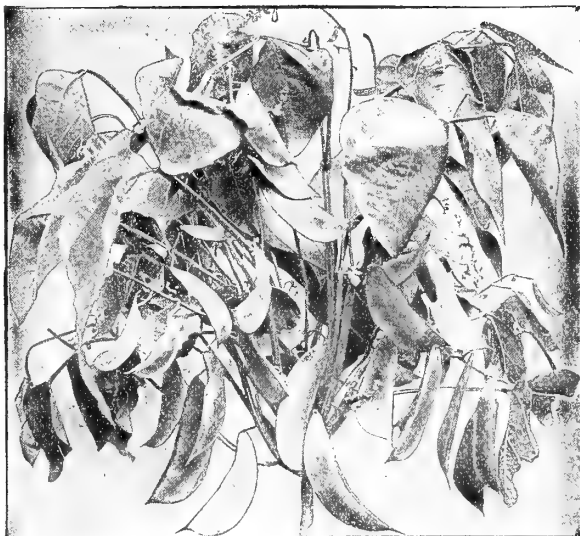
Bush Lima Beans.

Dreer's

A dwarf variety of the Dreer's Improved Lima; very prolific, single plants often producing from 150 to 200 pods. The Beans grow close together in the pods, producing 3 to 4 and sometimes 5 in a pod, and are thick, sweet and succulent. Pkt., 10c; pt., 20c. (postpaid, 28c.); qt., 35c. (postpaid, 50c.); 4 qts., \$1.25; pk., \$2.25; bu., \$7.50.

Henderson's

For convenience and practical use in the home garden it is a really good thing. It grows without the aid of poles, in compact bush form, about 18 inches high, is very productive and at least two weeks earlier than any of the Pole Limas; Bu., \$6.25; pk., \$1.65; qt., 25c. (postpaid, 40c.); pt., 15c. (postpaid, 23c.); pkt., 10c.



New Wonder Bush Lima Beans.

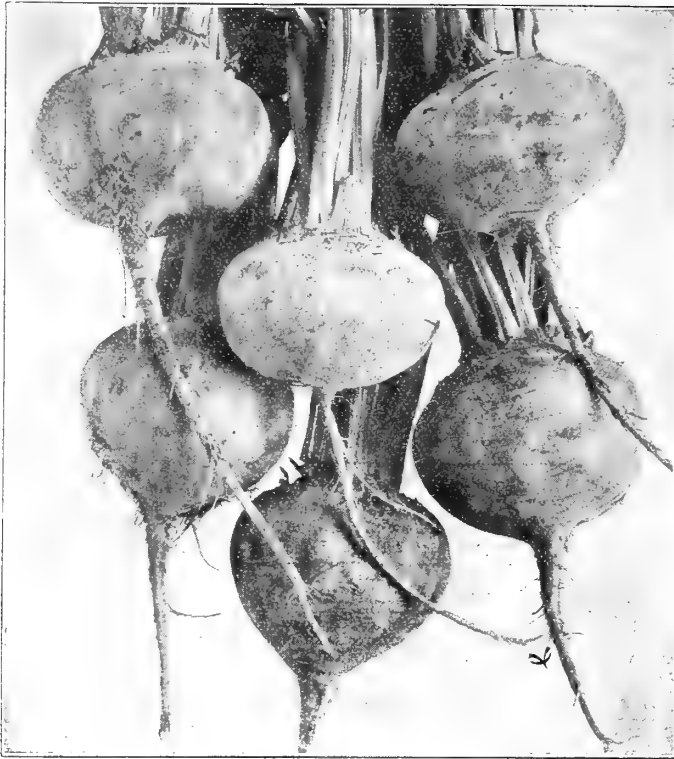
The Earliest, Dwarfest and Most Prolific.

New Wonder gives the largest and best returns—a big crop from a small space—and is a decided improvement on the original type of Burpee's Bush Lima, being 7 to 10 days earlier, with pods 4 to 5 inches in length, each containing 3 and sometimes 4 large green beans of the finest flavor. The beans are of flat shape and fully equal in flavor to the famous Dreer's Bush Lima, so well and favorably known. Pkt., 10c.; ½ pt., 15c. (by mail, 20c.); pt., 20c. (by mail, 28c.); qt., 35c. (by mail, 50c.); 2 qts., 65c.; 4 qts., \$1.20.

Burpee's. The true bush form of the old, large Lima Pole Bean. It grows vigorously to a height of 18 to 20 inches, forming a circular bush 2 or 2½ feet in diameter, requiring no poles or stakes, yielding from 50 to 150 fine pods, similar in size and quality to those grown on the large white Lima Bean. Bu., \$7.00; pk., \$1.85; ½ pk., \$1.00; qt., 30c. (postpaid, 45c.); pt., 15c. (postpaid, 23c.); pkt., 10c.

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

We pay postage or express charges on all seeds bought by the lb., $\frac{1}{4}$ lb., oz. or packet, except otherwise mentioned.



Crosby's Egyptian.

THE EARLIEST BEET IN THE MARKET.

A selection from that standard market Beet, Early Egyptian, which retains the earliness of the parent stock and has added thickness, giving it a more desirable shape. It is the deepest red, almost black in color, and is of finer quality than the Egyptian, being sweeter and even more tender and smoother. The most desirable sort for small beets for early market, as it is in presentable market shape quicker than any of the others.

Crosby's Egyptian. Vaughan's selected stock. Lb., 70c.; $\frac{1}{4}$ lb., 25c., 2 ozs., 15c.; oz., 10c.; pkt., 5c.

Crosby's Egyptian. Regular stock. Lb., 55c.; $\frac{1}{4}$ lb., 15c., oz., 10c.

Long, Smooth Dark Blood.

We have an exceptionally good quality of this sort. Lb., 50c.; $\frac{1}{4}$ lb., 15c.; oz., 10c.; pkt., 5c.; by express, 5 lbs., \$1.50; 10 lbs., \$2.85.

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., $\frac{1}{4}$ lb., 15c.; lb., 50c.; 5 lbs. by express \$2.00; 10 lbs., \$3.85.

Electric. As early as Egyptian; this sort is 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.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

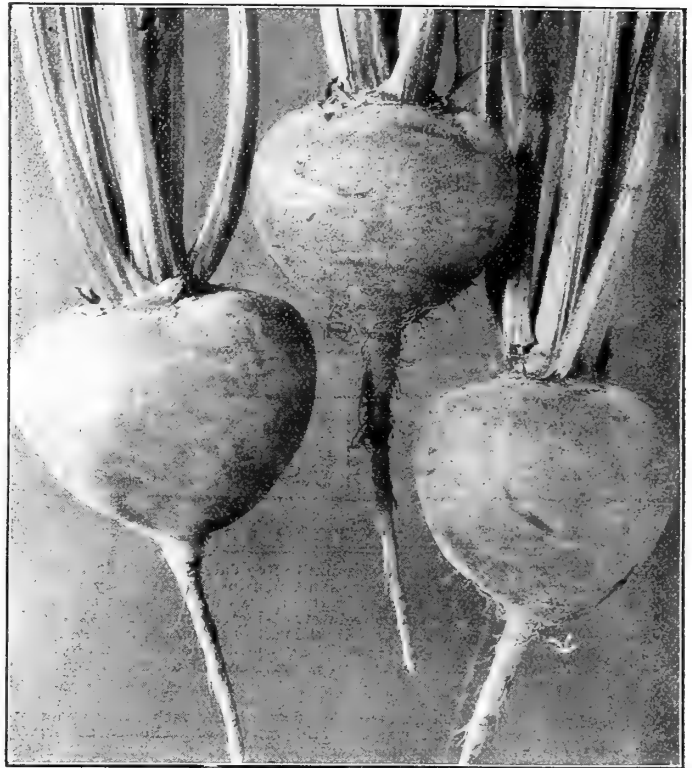
Half Long Blood. One of the best for winter use. The roots are only half as long as the Long Blood, but weighs as much on account of their thickness. They are always smooth and handsome, and their rich, dark red flesh is very sweet, crisp and tender, never becoming woody, even in the exposed portions. Lb., 50c.; $\frac{1}{4}$ lb., 15c.; oz., 10c.; pkt., 5c.; 5 lbs. by express \$2.00; 10 lbs., \$3.85.

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.; $\frac{1}{4}$ lb., 20c.; lb., 55c.; 5 lbs., by express, \$2.00.

Mistakes are said to happen in best regulated families. When you find one on us, do not complain to the neighbors, but write us plainly in black ink just what is wrong, assuming (what we think is the fact) that we will rectify it.

BEET

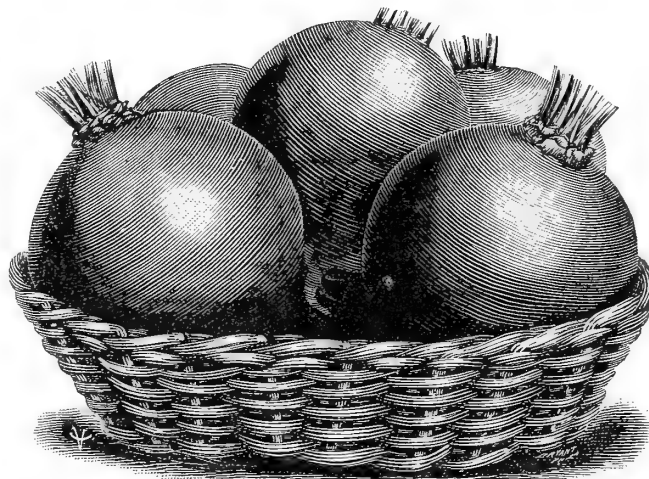
An ounce of Beet Seed is generally sufficient for a home garden. It requires from 3 to 6 lbs. to sow an acre.



Crimson Globe.

A MONEY-MAKER FOR THE GARDENER AND UNEQUALED FOR THE TABLE.

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 inches in circumference, the foliage is small and of a rich bronzy purple. The flesh is a rich blood red, slightly zoned and of the finest quality, always sweet and tender, never stringy. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ 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 is of the very best, sweet, tender and lasting. One of the best for the market gardener and the home garden.

Vaughan's Select Stock. Lb., 75c.; $\frac{1}{4}$ lb., 25c.; 2 ozs., 15c.; oz., 10c.; Pkt. 5c.

Ordinary Stock. Lb., 55c.; $\frac{1}{4}$ lb., 15c.; oz., 10c.; pkt., 5c.

For Mangolds and Sugar Beets see page 111.

Vaughan's Chicago Market.

A most perfect dark blood red kind. Even the leaves of every Beet are of the darkest glossy red, almost black. It is of turnip shape, first-class in size, smooth, with small tops and fine small tap root. We guarantee this to be the best of all the turnip-shaped Beets, the best of its sort in every way for main crop in market or home garden. An excellent keeper. Lb., \$1.00; $\frac{1}{4}$ lb., 30c.; oz., 10c.; pkt., 5c.

Edmand's Early Blood

Turnip. The roots are of good form, round, with only one single small tap root; the flesh is of a deep blood red color, and very sweet and tender. They can be planted very closely, as they do not grow large and coarse, and have a very small top. It is one of the best for the market gardener and for table use. Lb., 50c.; $\frac{1}{4}$ lb., 15c.; oz., 10c.; pkt., 5c.; by express, 5 lbs., \$1.80; 10 lbs., \$3.50.

Standard Varieties.

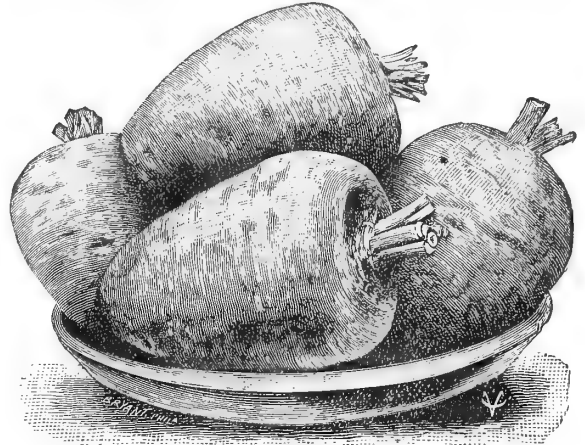
We can supply these well-known sorts at the uniform price of lb., 50c.; $\frac{1}{4}$ lb., 15c.; oz., 10c.; pkt., 5c., postpaid. By express, 5 lbs., \$2.00; 10 lbs., \$3.75.
Arlington Improved. Early, deep round form; medium size; color, dark blood red; does not become stringy, but is sweet and tender at all times.
Bassano Early Flat Red. One of the earliest; flesh tender, white and rose in color.
Dewing's Early Blood Turnip. Good color; medium size; smooth and handsome. Very desirable for marketing.

CARROTS

Four Pounds to the Acre.

Three Ounces of Seed to 100 Yards.

The prices on ounces, ¼ pounds and pounds include postage; if to go by express deduct at the rate of 8 cents a pound from prices quoted. Note special cash discounts on large orders in front of book.



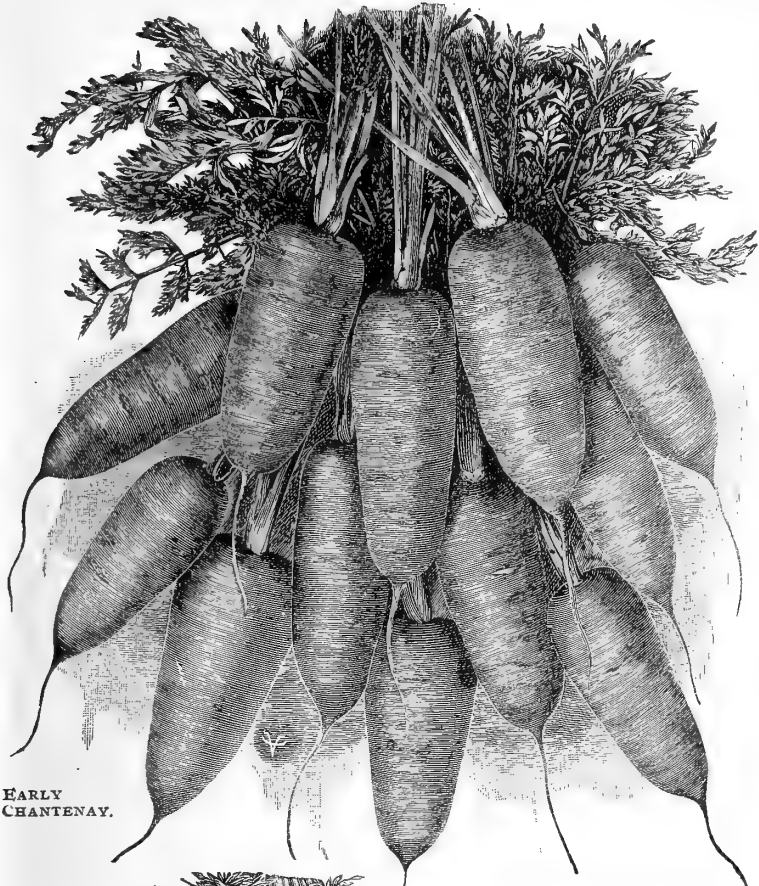
Guerrande, or Oxheart.

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 to all market gardeners. Pkt., 5c.; oz., 10c.; 2 oz., 15c.; ¼ lb., 25c.; lb., \$1.00, postpaid; 5 lbs., by express, \$4.00.

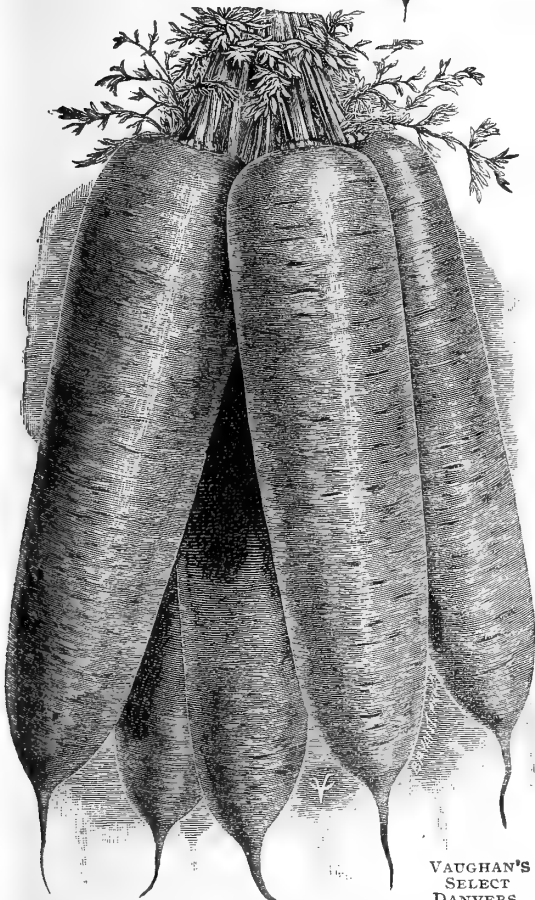
Early Chantenay.

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. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c., postpaid. By express, lb., 90c.; 5 lbs., \$4.00.



EARLY CHANTENAY.



VAUGHAN'S SELECT DANVERS.

Carrots for Stock.

The Mastodon, Long White Green Top and Orange Belgian, etc. See page 111.

Vaughan's Selected Danvers.

The Best Carrot for every purpose. For over 20 years have we sold this selected stock, and we never have enough seed to supply the demand. **The best strain of this famous sort.** All the gardeners in Chicago know it, and plant no other if they can get 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, postpaid. \$1.15 per lb., 5 lbs., \$5.00 by express.

Half Long Danvers. This is the stock usually sold by seedsmen. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c., postpaid. By express, lb., 55c.; 5 lbs., \$2.50.

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., \$1.00.

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.

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.

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.

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 Belgian and Mastodon yield the largest crops. It is necessary to thin and weed Carrots early. Avoid weedy stable manure, but use Vaughan's High Grade Truck Manure for best results.

No Commission Seeds.

Vaughan's Seeds are not sold on commission, such stocks are often carried over from year to year and vitality lost or mixtures occur. We do not believe in that plan.

Vaughan's Vegetable Introductions.

Among the many Vegetables of real merit which have been introduced by us during the past twenty years, we mention the following which have become almost indispensable in every garden:

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, Early Vaughan; Radish, Crimson Giant; Water Melon, Jones Jumbo.

CABBAGE

Vaughan's Sure Heading Seed.

Our Prices include Postage; if to go by Express, deduct 8c. per pound.

20th Century Cabbage.

Extra Early. This new variety comes from Denmark, the home of the famous Danish Ballhead Winter Cabbage. The heads are round and solid as a cannon ball, and earlier than any other sort. It grows more compactly, thus yielding a much larger crop than either Wakefield or Winnigstadt. For garden or market use it is unexcelled. **Lb., 10c.; ½-oz., 25c.; oz., 40c.; ¼-lb., \$1.25; lb., \$4.00.**

"Early Spring." The Earliest Flat Headed Variety. 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. The heads have few outside leaves, and these are small and grow so close to the head that they can be planted very close together. It is round in shape, slightly flattened, very solid, even before the Cabbages attain their mature size. It is a good "seller," round Cabbages receiving always the preference if offered in competition with pointed heads. **Lb., \$2.25; ¼-lb., 60c.; 2 oz., 35c.; oz., 20c.; ½-oz., 12c.; pkt., 5c.**



EARLY SPRING.



Early Jersey Wakefield.

VAUGHAN'S SELECTED.

The Best Early Cabbage in Cultivation. It forms fine solid heads of good size, conical in shape, with very few outside leaves, and of the best quality. We offer this as the earliest strain of this standard variety. Our Seed is Grown only from Selected Heads. Our strain is remarkably pure; warranted to give satisfaction.

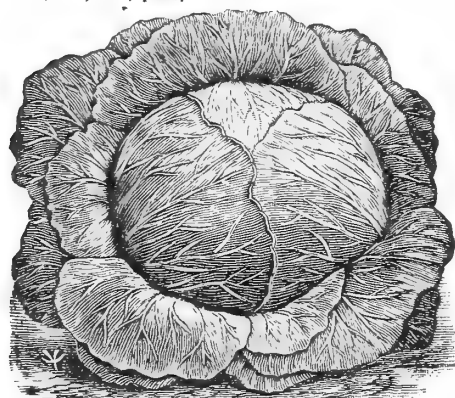
VAUGHAN'S SELECTED AMERICAN GROWN. **Lb., \$3.00; ¼-lb., 80c.; 2 ozs., 30c.; oz., 30c.; ½-oz., 20c.; pkt. 10c.**

Early Jersey Wakefield. Imported seed. **Lb., \$1.50; ¼-lb., 40c.; oz., 15c., pkt., 5c.**

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. **Lb., \$2.60; ¼-lb., 70c.; oz., 20c.; ½-oz., 12c., pkt., 5c.**

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



Sure Head. This sort produces large, round flattened heads which are of uniform size, very hard and of fine texture, and weighs 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. **Lb., \$2.10; ¼-lb., 60c.; 2 ozs., 35c.; oz., 20c.; ½-oz., 12c.; pkt., 5c.**

Early Summer. The seed we offer has been selected with special care from heads of even size, large, solid and of good texture, and we know that our seed gives entire satisfaction, being a special market gardeners' strain. **Lb., \$2.10; ¼-lb., 60c.; oz., 20c.; ½-oz., 12c.; pkt., 5c.**



Early "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. **Lb., \$2.10; ¼-lb., 60c.; 2 ozs., 35c.; oz., 20c.; ½-oz., 12c.; pkt., 5c.; postpaid.**

Early Winnigstadt. 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. **Lb., \$1.35; ¼-lb., 45c.; oz., 15c.; pkt., 5c.**

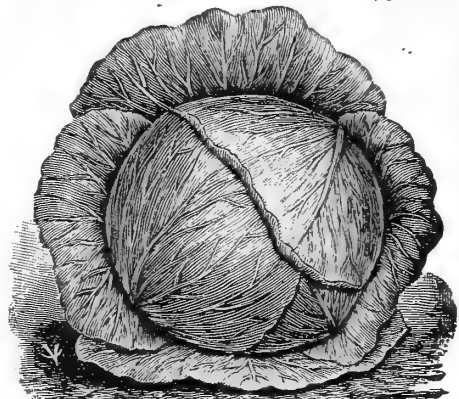
Filderkraut. Similar to Winnigstadt, but larger, more pointed and with fewer outer leaves. Highly esteemed for making kraut. Good either for first or second crop. **Lb., \$1.80; ¼-lb., 50c.; oz., 15c.; pkt. 5c.**

Louderback's "All Year." This Cabbage originated with Daniel Louderback, one of the oldest and most successful of Philadelphia market gardeners; has for many years been the standard early round-headed Cabbage with Philadelphia market gardeners, who prefer it to Early Summer and similar sorts. It is not only the finest early Drumhead in cultivation, but is equally as good for second and third early, intermediate and late. The heads are large, compact and solid, with very short stem and few outer leaves, and unflagging under the hottest sun or heaviest frost. It may be sown successfully and continuously during all periods when Cabbage is planted. **Lb., \$2.10; ¼-lb., 60c.; 2 ozs., 35c.; oz., 20c.; ½-oz., 12c.; pkt.; 5c.**

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. **Lb., \$2.10; ¼-lb., 60c.; 2 ozs., 35c.; oz., 20c.; pkt., 5c.**

Earliest Etampes. Similar to Jersey Wakefield. The heads are fully as large, not quite so hard, but are of excellent quality. Sold also as "Earliest of All," "Wonderful," etc. **Lb., \$1.60; ¼-lb., 45c.; oz., 15c.; pkt., 5c.**

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. **Lb., \$1.70; ¼-lb., 50c.; oz., 20c.; ½-oz., 12c.; pkt., 5c.**



Vaughan's Vandergaw or All Seasons.

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. **Lb., \$2.10; ¼-lb., 60c.; oz., 20c.; ½-oz., 12c.; pkt., 5c. By Express, 5 lbs., \$9.00.**

Fottler's Improved Brunswick, An extra fine strain with very uniform, large, solid heads. Always sure to head. **Lb., \$1.60; ¼-lb., 50c.; oz., 20c.; ½-oz., 12c.; pkt., 5c. By Express, 5 lbs., \$7.00; 10 lbs., \$13.00.**

Extract from Agricultural Advertising, issue of October, 1904.

Vaughan's Seed Store. As one approaches the Agricultural Building he cannot help but note the beautiful display of flowers. Here is almost every variety suitable for outdoor growth, and a display that represents a number of the leading seed houses in the country. Perhaps most notable of these is that given by the Vaughan's Seed Store, a view of which is shown in this issue.

WAUKESHA, Co., WIS. I have one of the finest gardens from seed purchased of you this Spring. CLEMENT VAN VALIN.

DUNDEE, ILL. Enclosed you will find my order as usual and M. O. to pay for same. This is 10 years I have bought from you and have not had a single failure. H. G. RICHARDS.

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

CABBAGE

VAUGHAN'S SURE
 ■ ■ ■ HEADING. ■ ■ ■

Vaughan's Premium Flat Dutch.

We recommend this sort for markets that require a large very seed 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—hence it is a universal favorite for general use. For heading, evenness of crop and size our strain of this cannot be surpassed. **Lb., \$2.00; ¼ lb., 60c.; 2 oz., 35c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.** By express, 5 lbs., \$9.00; 10 lbs., \$16.00.

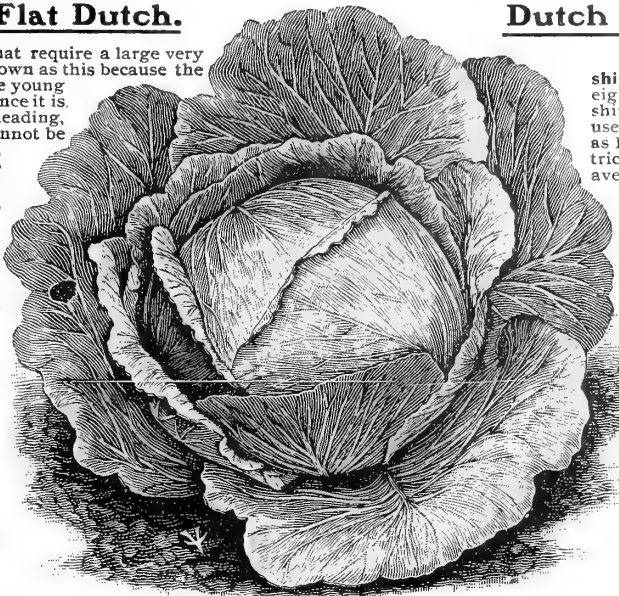
LATE FLAT DUTCH, Ordinary Stock. Lb., \$1.50; ¼ lb., 45c.; oz., 15c.; pkt., 5c.

Louisville Drumhead.

A strong and vigorous, but not coarse growing sort of Flat Dutch type. Plants short stemmed and compact, with broad well rounded, large leaves, very full at base. Head, semi-flat, thick and of good quality. **Pkt., 5c.; oz., 25c.; 2 oz., 40c.; ¼ lb., 60c.; lb., \$2.10.**

Cabbage Plants. We grow these in large quantities and can furnish them at lowest rates. For prices see "Vegetable Plants" in the back of this book. (See Index.)

Use Slug Shot For Cabbage Worms. It kills them. **Lb., 10c.; 5 lbs., 30c.; 10 lbs., 50c.**, by express.

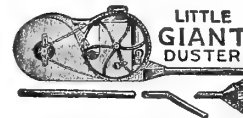


VAUGHAN'S IMPROVED LATE PREMIUM FLAT DUTCH.

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 strains. 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—Lb. \$2.60; ¼ lb., 75c.; 2 oz., 40c.; oz., 25c.; ½ oz., 15c.; pkt. 10c.** By express, 5 lbs., \$10.00; 10 lbs., \$18.75.

Large Late American Drum-head. A specially selected strain of this standard variety for the main crop; it is productive and of best quality, and finds a ready sale. **Lb., \$1.60; ¼ lb., 50c.; oz., 15c.; pkt., 5c.**



LITTLE GIANT DUSTER The best dry powder gun, can dust two rows at a time; each **\$5.00.**



DANISH BALL-HEAD—VAUGHAN'S SELECT STOCK.

Danish Ball-Head.

Vaughan's Select Stock.

Genuine Seed grown by originator in Denmark.

It thrives well on thin soils and in highly exposed situations. The heads are of good marketable size, not quite so large as Flat Dutch, but very hard, round, fine-grained, and will weigh one-fourth more than other varieties of equal size. This splendid shipping Cabbage is also sold under the name of "Solid Emperor" or "German Export." Our strain of this is unexcelled—the best to be had, imported direct from Denmark. It is one of the few imported kinds that will produce solid heads that keep through the Winter. **Lb., \$3.00; ¼ lb., 85c.; 2 oz., 50c.; oz., 30c.; ½ oz., 15c.; pkt., 10c.; 5 lbs., \$13.00; 10 lbs., \$25.00.**

Autumn King. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

Succession. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

Improved Stonemason. A large solid late Drumhead, very popular and much used in Boston. **Lb., \$2.10; ¼ lb., 60c.; oz., 20c.; pkt., 5c.**

Marblehead Mammoth Drumhead. Late; the largest Cabbage grown and for that reason deservedly popular with market gardeners. **Lb., \$1.80; ¼ lb., 55c.; oz., 20c.; pkt., 5c.**

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. **Lb., \$2.50; ¼ lb., 70c.; 2 oz., 45c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.**, by express, **lb., \$2.40; 5 lbs., \$11.00; 10 lbs., \$20.00.**

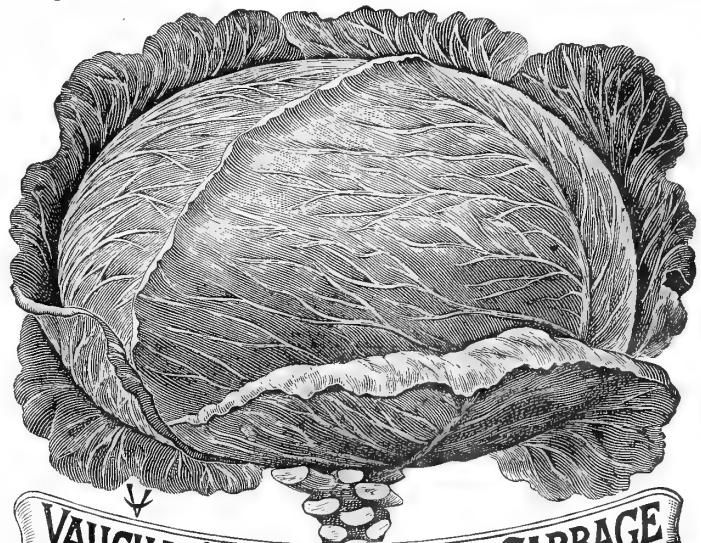
Luxemburg, or Hard Head.

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. Always attracting buyers by its fresh green color, size and quality. It is undoubtedly one of the most profitable kinds for every gardener who winters Cabbage. The plants are very hardy, standing transplanting and long continued dry weather better than most sorts. **Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt. 5c.** By express, 5 lbs., \$9.00; 10 lbs., \$17.00.

The Houser. The heads are large, weighing, on an average, 10 to 12 lbs. They grow so compact and free from spreading leaves that fully 500 more heads can be obtained to the acre than with other Cabbages, and in solidity cannot be excelled. Heads measuring 36 in., in circumference had hearts measuring only 2 in. This late Cabbage is perfect in every respect as to size, weight, quality, sure-heading, smallness of heart, and long-keeping. **Lb., \$3.00; ¼ lb., 85c.; 2 oz., 50c.; oz., 30c.; ½ oz., 15c.; pkt., 10c.**

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. It is more uniform and heads better than other late varieties. Our seed is grown by the originator, and will produce Cabbage of the highest type that can be obtained from this new sort. **Per lb., \$1.90; ¼ lb., 55c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.**

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. If your object is to grow maximum crops you must in some way furnish the plants with nitrate. For cabbage and cauliflower a top-dressing of 100 lbs. per acre after the plants have begun to make growth after transplanting, and 200 lbs. per acre more after the heads begin to form.



VAUGHAN'S BRIDGEPORT CABBAGE

This is the Standard Shipping Sort from the Chicago Market.

Savoy Cabbages

SEE ALSO NOVELTIES

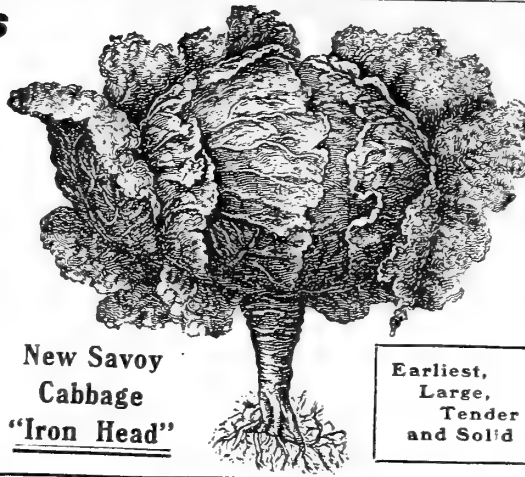
These cabbages, the leaves of which are blistered, are far superior in flavor to the ordinary or smooth-leaved sorts. In fact there is as much difference as there is between Cauliflower and Turnips in favor of the Savoy cabbage. One of the most delightful dishes is stuffed Savoy cabbage served with a cream sauce. We give a recipe of this with our seed.

New Colossal. Largest of its kind. Lb., \$2.00; ¼ lb., 60c; oz., 20c; ½ oz., 12c; pkt., 5c.

Small Early Ulm Savoy. Lb., \$1.85; ¼ lb., 50c; oz., 20c; ½ oz., 15c; pkt., 5c.

Marvin's Savoy. This is not only very large and solid, but very curly, and will give from 40 to 95 per cent of good heads in every field. Lb., \$2.10; ¼ lb., 55c; oz., 20c; ½ oz., 12c; pkt., 5c.

Iron Head. This is the best of all early Savoy Cabbages. The heads are round, very large, of best flavor and as hard as iron. It is the earliest of all. Market gardeners will find it a money-maker. Pkt., 10c; ½ oz., 15c; oz., 25c; 2 oz., 40c; ¼ lb., 65c; lb., \$2.50.



**New Savoy
Cabbage
"Iron Head"**

**Earliest,
Large,
Tender
and Solid**

GAULIFLOWER

Vaughan's Earliest Dwarf Erfurt.

The very best for forcing and earliest in open ground.

Cauliflower seed should be thoroughbred. Erfurt best strains have a fifty-year pedigree. Some are so high bred that with perfection in bloom comes weak constitution. Such plants do not average a good seed crop once in three years; hence the best is dear and scarce. Vaughan's Earliest Dwarf Erfurt combines all pedigree points, earliness, purity of color, dwarf habit, fine grain. This seed will produce cauliflowers worth the highest market price. It cannot be sold cheap for above reasons, but the shrewdest gardeners find it the most profitable. Lb., \$30.00; ¼ lb., \$8.50; 2 oz., \$4.50; oz., \$2.50; ½ oz., 75c; pkt., 25c.

Danish Snowball Vaughan's Special

Vaughan's Danish Snowball is a grand second early. It is the result of long, careful selection and uniformly produces even, regular heads. Through many seasons it has proved itself reliable and gardeners can trust it every time. Lb., \$20.00; ¼ lb., \$5.00; 2 oz., \$2.75; oz., \$1.50; ½ oz., 40c; pkt., 10c; 4 pkts. for 25c.

Red Cabbages

Mammoth Rock Red. This is the best, largest and surest heading Red Cabbage ever introduced. Heads deep red to center, and will frequently average 12 inches. A sure cropper, and in every way a first-class sort. Lb., \$2.25; ¼ lb., 65c; oz., 25c; ½ oz., 15c; pkt., 5c.

Extra Early Dark Red Erfurt. ¼ lb., 55c; oz., 20c; ½ oz., 12c; pkt., 5c.

Dark Red Dutch. Lb., \$1.60; ¼ lb., 50c; oz., 20c; ½ oz., 12c; pkt., 5c.

Red Drumhead. Our strain of this is very deep red. Lb., \$1.70; ¼ lb., 50c; oz., 20c; ½ oz., 12c; pkt., 5c.

Zenith. See Novelties.

Cabbage Plants. We grow these in large quantities and can furnish them at lowest rates. For prices see "Vegetable Plants" in the back of this book. (See Index.)

Use Slug Shot for Cabbage Worms. It kills them. Lb., 10c; 5 lbs., 30c; 10 lbs., 50c., by express.

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. ¼ lb., \$3.00; oz., \$1.50; ½ oz., 50c; pkt., 10c.

Large Early Erfurt. This is a vigorous growing variety with large, white, firm heads. It is the very best sort for a second crop. ¼ lb., \$2.50; oz., 75c; ½ oz., 40c; pkt., 10c.
Extra Early Paris. Lb., \$6.00; ¼ lb., \$1.50; oz., 50c; ½ oz., 25c; pkt., 5c.
Half Early Paris. Oz., 50c; ½ oz., 25c; pkt., 5c; lb., \$6.00.
Lenormand's Short Stems. ¼ lb., \$1.85; oz., 50c; pkt., 5c.
Autumn Giant. ¼ lb., \$1.20; oz., 40c; pkt., 5c.
Algiers. Largest and best for late. Lb., \$10.00; ¼ lb., \$3.00; oz., 80c; ½ oz., 40c; pkt., 10c.

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

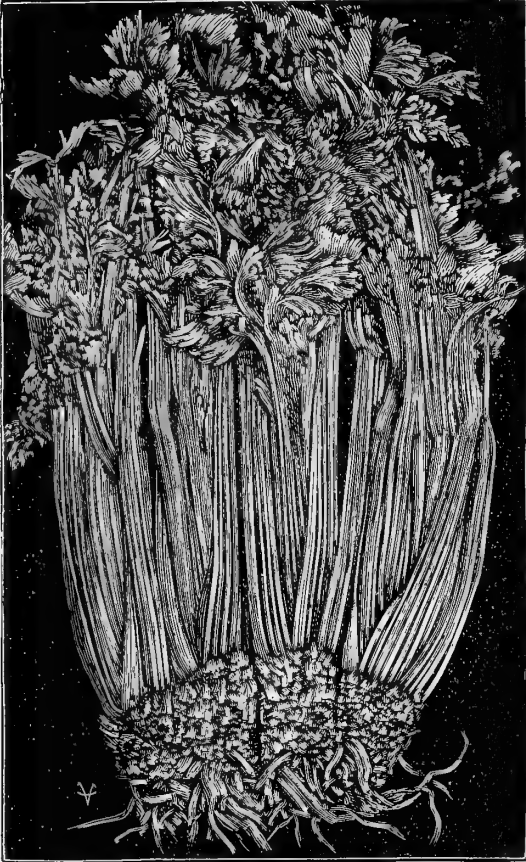


VAUGHAN'S NEW SNOWBALL CAULIFLOWER

The Best for
Early and Late
Summer and
Fall Crops.
Always Sure to
Make a
Solid
White Head.

We know of no better type of this variety—very early, smoothly rounded heads, fine grained, compact, even in size. This variety, while a first early, is better adapted generally to Fall use than the large late sorts commonly used for that purpose. We stake our reputation on its merits against all comers. All we want is that our customers try it—everyone who uses cauliflower, according to his needs—from packets to pounds. It will give satisfaction by the dozen plants or in a dozen acres. The habit of the plant is close growing and compact, and plants can be set closely together, from 18 to 21 inches. "Every plant," says our grower, "which did not produce a perfect head was discarded when selecting our stock plants for seed." Our customers have found it, by careful tests, fully equal to the best Cauliflower which they have ever grown, and our Chicago Market Gardeners, who planted it quite extensively this past summer, are already placing orders for 1905. "Vaughan's New Snowball" 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. Price, pkt., 25c; ¼ oz., 75c; ½ oz., \$1.35; oz., \$2.50; ¼ lb., \$9.00; lb., \$32.00.

The seed of this Cauliflower was saved with the greatest care and only from perfectly developed heads which yield but little seed. "Cheap" Cauliflower seed is a very poor investment because it cannot be good.



WHITE PLUME—VAUGHAN'S SELECTED STOCK.



GOLDEN SELF-BLANCHING.

Fashions change in Celery as in other things and growers of this article now understand that the yellow hearted kinds are wanted. The White Plume type is as good as ever for home use, but the yellow or golden-hearted sorts are in demand on the market.

CELERY

"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.; 1/2 oz., 15c.; oz., 20c.; 2 oz., 35c.; 1/4 lb., 60c.; lb., \$2.25.

White Plume, Self-Blanching—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. Lb., \$2.10; 1/4 lb., 60c.; 2 ozs., 35c.; oz., 20c.; 1/2 oz., 12c.; pkt., 5c. By express, 3 lbs., \$5.00; 5 lbs., \$8.00.

White Plume. Regular Stock. Lb., \$1.50; 1/4 lb., \$40c.; 2 ozs., 25c.; oz., 15c.; 1/2 oz., 10c.; pkt., 5c.

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 dwarfier 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. Lb. \$3.50; 1/4-lb., \$1.00; 2 ozs., 60c.; oz., 35c.; 1/2 oz., 20c.; pkt., 10c.

Golden Self-Blanching. Regular Stock. Lb., \$2.60; 1/4 lb., 75c.; 2 ozs., 45c.; oz., 25c.; 1/2 oz., 15c.; pkt., 5c.

Evans' Triumph. One of the Best Late Sorts.

Of excellent quality and one of the best keepers, remaining in condition much longer than most sorts. Its stalks are very large, solid, of finest texture and quality; crisp and tender and real nut-like flavor. Lb., \$1.40; 1/4-lb., 40c.; 2 ozs., 25c.; oz., 15c.; 1/2 oz., 10c.; pkt., 5c.

New Celery. "Snow White." See Novelties.

Any of the following: Pkt., 5c.; 1/2 oz., 10c.; oz., 15c.; 1/4 lb., 40c.; lb., \$1.40, postpaid.

Perle le Grand. A popular, extra large, fine green celery, for both early and late use. A fine Winter keeper.

Rose Ribbed Golden Self-Blanching (Golden Rose). A sport of Golden Self-Blanching, possessing all its good qualities. The ribs, however, assume a deep warm, rosy hue.

Golden Dwarf or Golden Heart. Fine large, solid, waxy-golden heart.

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 at Philadelphia.

Boston Market. White, crisp and solid; very dwarf, crisp and tender.

Crawford's or Henderson's Half-Dwarf. Solid, yellowish-white; nutty flavor.

Giant White Solid. Cf tall, large size; very solid, pure white.

New Rose. The best red celery; solid, crisp and ornamental.

Soup or Flavoring Celery. (Old Seed.) Used for flavoring soups, stews, etc. Oz., 5c.; 1/4 lb., 12c.; lb., 30c.

"Earliest of All."

It is the earliest of all, being ready in June. The flesh is pure white and very tender. When full grown the roots equal those of the giant sorts in size and are never woody. The foliage is very short and the tubers are very smooth, having but a few fine roots on the bottom. On account of its rapid growth, this sort is most admirably adapted to late planting. For winter use it can be planted as late as July. Pkt., 5c.; 1/2 oz., 12c.; oz., 20c.; 2 oz., 35c.

Vaughan's Celery Manual. The only practical and complete guide to Celery culture ever published. By a practical grower of 20 years' experience; revised and published by J. C. Vaughan. Price, postpaid, 50 cents. This treatise 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 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. 1 b., \$2.65; 1/4 lb., 75c.; 2 ozs., 40c.; oz., 25c.; 1/2 oz., 15c.; pkt., 10c.

Giant Prague Celeriac.

Prager Riesen Sellerie.

This is unquestionably the largest and best Celeriac in existence. The roots are very large, twice as large as the Erfurt, almost globe shaped, smooth, with only a few roots at the bottom. Flavor is excellent. Lb., \$1.50; 1/4 lb., 50c.; oz., 15c.; 1/2 oz., 10c.; pkt., 5c.

New Celeriac "Delicatess."

Produces perfectly smooth oval roots without any side roots, which never rust. The flesh is pure white, tender and of most delicious flavor. This celery will even produce good roots on inferior soil. Pkt., 15c.; 2 for 25c.

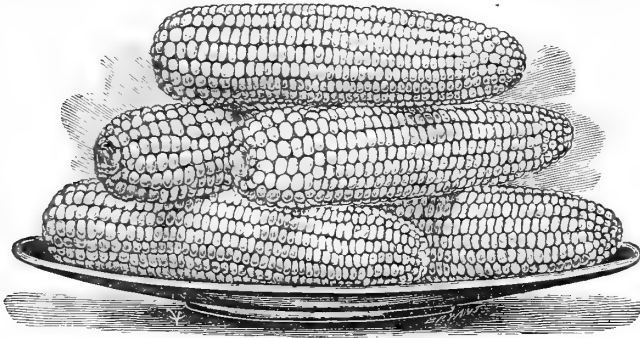
CELERIAC, OR TURNIP-ROOTED CELERY, Deutscher oder Knollen Sellerie.

An excellent vegetable, but as its introduction into cultivation is of comparatively recent date, it is not as yet very commonly grown. It keeps well and forms a valuable contribution to the winter supply. In order to introduce it more generally our bags contain, besides cultural directions, recipes for the preparation of the roots for the table.

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.

Sweet Corn

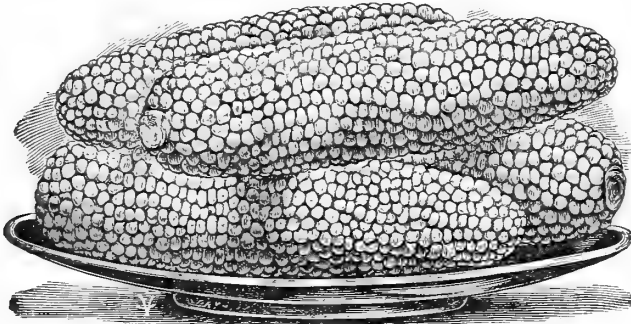
Vaughan's
Extra
Selected



MAMMOTH WHITE CORY.

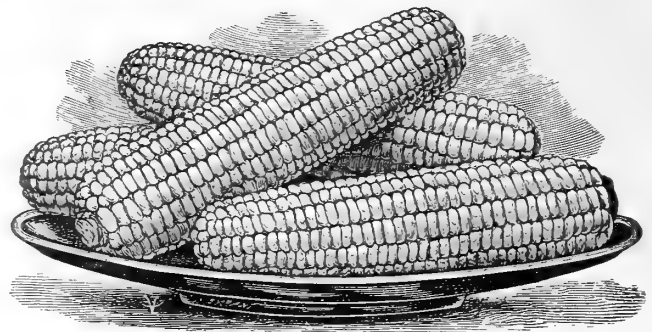
Mammoth White Cory. One of the largest and best extra early varieties. Each stalk furnishes two or more large, fine shaped ears, which are fit for use before those of any other sort. The ears are twelve-rowed, very symmetrical and handsome, with no opening between the rows at the base. The grain is large, broad, very white and of remarkably good quality for such an early sort. The size and beauty of this variety give it ready sale even when the market is over-stocked. Pkt., 10c.; pint, 15c.; (by mail, 20c.) qt., 25c.; (by mail, 35c.) ½ peck., 60c.; peck, \$1.10; bushel, \$4.00.

Early Evergreen. The ears of this new corn grow 8 inches long, and are mostly 14 to 18 rows. This is a magnificent kind for market gardeners and for main crop in every home garden. It ripens 10 to 12 days in advance of Stowell's Evergreen and is equally as good for all purposes. The kernels are very sweet and tender, and when eaten from the cob break off free from husky tips so common to some otherwise fine table corns. Remaining green a long time, two plantings will extend the season until frost. Price, same as Mammoth White Cory.



COUNTRY GENTLEMAN.

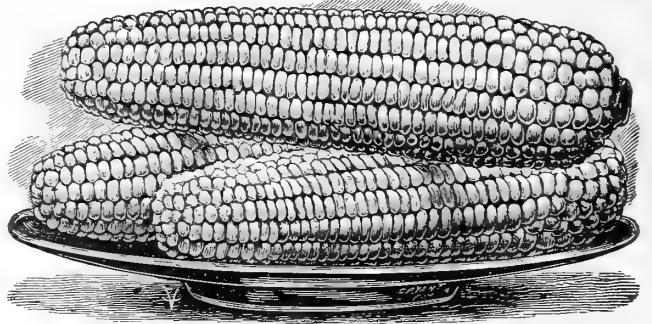
Country Gentleman. One of the Sweetest of all Sweet Corns and also one of the most productive sorts, the stalks averaging three ears, sometimes as many as five; kernels and cobs are pure white; cob small, kernels deep, ears average nine inches in length. Pkt., 10c.; pint, 15c. (by mail, 20c.); qt., 25c. (by mail, 35c.); 2 qts., 45c.; ½ peck, 75c.; peck, \$1.35; bush, \$5.00.



IMPROVED EARLY CHAMPION.

Improved Early Champion. The Earliest Large Sweet Corn. Produces ears 12 inches long in 60 days. This new variety is without question the earliest large Sweet Corn yet introduced, being only a few days later than the first early small sorts. Ears nearly as large as the Mammoth, 12-rowed; pure white kernels, with medium sized white cob; very sweet, tender and full of milk; yielding two and three ears to the stalk. The best kind for early and late planting. Pkt., 10c.; pint, 15c.; (by mail, 20c.), qt., 25c.; (by mail, 35c.); ½ peck, 60c.; peck, \$1.10; bushel, \$4.00.

Vaughan's Black Sugar, Eastern Grown. The Black Sugar is a selection from the old Mexican, 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. In this we have a medium early, which will produce the sweetest and most delicious table corn, following right after the Cory and the Champion and continuing by successive planting the whole Summer and Autumn. Price, same as on Improved Champion.



STOWELL'S EVERGREEN.

Stowell's Evergreen. To supply the right seed of this favorite late variety has been our careful effort for many years. Seed grown near the Eastern Atlantic Coast has always shown by its flavor and shriveled ripened kernels the highest percentage of sugar known. Long deep kernels are also a characteristic of selected seed of Stowell's. We plant such seed to raise our crops. We invite a comparison of the stock we offer with that offered by lower priced houses. Prices, See Below.

Our Sweet Corn Prices

On packets only include postage, all the other prices are net. If to go by mail add 5 cents to the pint prices and 10 cents per quart for postage. Pkts., 10c.

EXTRA EARLY VARIETIES.	Pint	Qt.	½ Pk.	Peck.	Bush.
Peep O' Day, or "Earliest on Earth." ...	\$0.15	\$0.25	\$0.75	\$1.35	\$5.00
Malakoff, See Novelties.....					
Golden Bantam, See Novelties.....					
Premo, one of the earliest, sweet.....	.15	.25	.75	1.35	5.00
Adam's Extra Early, not sweet, but early	.12	.20	.55	1.00	3.50
Adam's Early, a little later than preceding	.12	.20	.55	1.00	3.50
Early Cory, or First of All, very early ...	.12	.20	.60	1.10	4.00
Minnesota, nearly as early as Cory, ears white	.12	.20	.60	1.00	3.50
Crosby's Ex. Early, of very best quality..	.12	.20	.60	1.00	3.75
Perry's Hybrid, large and early, good for market.....	.12	.20	.60	1.10	4.00
Metropolitan, early, large and productive	.12	.20	.60	1.10	4.00

SECOND EARLY VARIETIES.	Pint	Qt.	½ Pk.	Peck.	Bush.
Chicago Market, very large; good market sort	\$0.12	\$0.20	\$0.55	\$1.00	\$3.75
Early Mammoth, much earlier than Late Mammoth.....	.12	.20	.60	1.10	4.00
Moore's Early Concord, still hard to beat....	.12	.20	.60	1.10	4.00
Old Colony, ten days earlier than Evergreen, and as sweet.....	.12	.20	.60	1.10	4.00
LATE OR GENERAL CROP VARIETIES.					
Black Mexican, fine for home use.....	.12	.20	.60	1.10	4.00
Hickox, a splendid canning sort.....	.12	.20	.60	1.10	4.00
White Evergreen, See Novelties.....					
Stowell's Evergreen, Western grown seed..	.12	.20	.55	1.00	3.75
" " Eastern " " ..	.15	.25	.65	1.15	4.25
Zig Zag Evergreen..	.12	.20	.60	1.10	4.00
Late Mammoth, the largest of all, very rich..	.12	.20	.60	1.10	4.00
Sweet Fodder, write for price on large lots..	..	.....	.30	.50	1.75

Sweet Corn for Succession

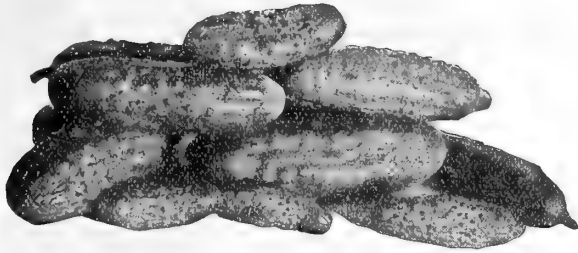
We recommend the following kinds for succession. Malakoff (See Novelties), Mammoth White Cory, Early Champion, Country Gentleman and Stowell's Evergreen and make these special offers.

Special Offer No. 18.	By Mail, Postpaid.	At Buyer's Expense
One pkt. each of the above three, Mammoth Cory, Early Champion and Stowell's Evergreen.....	\$0.25	\$0.20
" " No. 18A. One pint each the above 3 sorts	.50	.35
" " No. 18B. One quart " " " "	.90	.60
" " No. 18C. One ½ pk. " " " "		1.60
" " No. 18D. One peck " " " "		3.00
" " No. 18E. One bushel " " " "		10.00

Early Malakoff, Mammoth Cory, Early Champion, Country Gentleman and Stowell's Evergreen.	By Mail, Postpaid.	At Buyer's Expense.
Special Offer No. 18 F. One packet each of above 5 sorts.....	\$0.45	\$0.40
" " No. 18G. One pint " " " "	.90	.65
" " No. 18H. One quart " " " "	1.50	1.00
" " No. 18I. One ½ peck " " " "		3.00
" " No. 18K. One peck " " " "		5.75

We Are Prepared

to name special prices to farmers, gardeners and canning factories on large quantities of our choice sweet corn and invite correspondence.



Westerfield 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 the leading growers of the country with our selected seed. It is undoubtedly the best Cucumber for pickles, and is used almost exclusively by our pickle factories. The fruit is of medium length, pointed at both ends, with large and prominent spines; color deep green; begins to set its fruit when the vines are quite young. Lb., \$1.00; 1/2 lb., 30c.; oz., 10c.; pkt., 5c. 10 lbs., by express, \$8.00.

Arlington White Spine,
Vaughan's XXX Pickling } SEE NOVELTIES.
Boston White Spine.

Cool and Crisp. The skin is very dark green, almost black, and covered with knobs, upon which the spines set, which gives the pickles a very attractive appearance. They are very early and prolific. As a Cucumber for slicing it is splendid. Lb., \$1.00; 1/2 lb., 30c.; oz., 10c.; pkt., 5c.

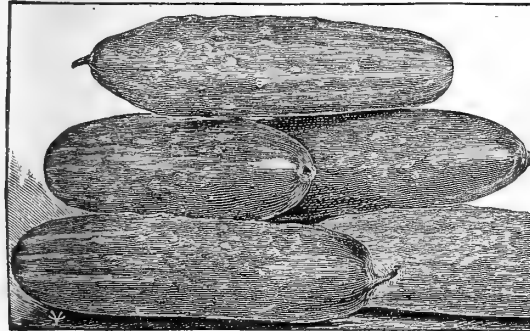
CUCUMBER

CUMBERLAND CUCUMBER



The Cumberland Pickle. 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. During the whole period of growth, from the time they first set until full grown, the form is exceptionally straight and symmetrical, making them as choice for a slicing variety as for pickles. The flesh is firm, very crisp and tender at all stages. Pkt., 5c.; oz., 10c.; 1/2 lb., 30c.; lb., \$1.00.

One of the Best Pickling Cucumbers. Enormously Prolific. Fine for Both Slicing and Pickling.



Evergreen, or Extra Long White Spine.

One of the Best Table Sorts and Splendid for Forcing Under Glass

A fine strain, producing smooth, regular fruits, frequently 12 inches long; smooth, round, handsomely colored, and very regular in size and form; of excellent quality. Lb., \$1.25; 1/2 lb., 40c.; oz., 15c.; 1/4 oz., 10c.; pkt., 5c.

Rocky Ford. The points in its favor are earliness, uniform size and color, long yielding and keeping qualities and excellent for slicing. Under careful test with other varieties it has proven itself of decided merit, and we can thoroughly recommend it for private and commercial use. Pkt., 10c.; 1/2 oz., 15c.; oz., 25c.; 2 oz., 40c.; 1/4 lb., 60c.; 1 lb., \$2.00.

Fordhook Famous. The fruits are perfectly smooth and very dark green, 12 to 17 inches long; straight and solid. Flesh greenish white, firm and crisp. It is a shy seeder, an enormous cropper and a handsome table fruit, which never turns yellow. The vines are of unusually vigorous growth. Pkt., 10c.; 1/2 oz., 15c.; oz., 30c.; 1/4 lb., 65c.; lb., \$2.00, postpaid.

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. The seeds germinate slowly. This sort is different from ordinary cucumbers, they never grow longer than about 2 inches by a diameter of about 1 1/4 inches. Lb., \$1.50; 1/2 lb., 45c.; oz., 15c.; pkt., 5c.

Vegetable Gardening. By Prof. S. B. Green. Regular price, \$1.25; our price, 65c. Every gardener should have this valuable book. It tells about seed sowing, manures, greenhouses, insects, etc. Competition in gardening is getting keener every year. It is the gardener that keeps abreast of the times and reads that makes the money.

Seeds are Different from other merchandise. The real value of seeds can only be known after months of labor. Buy your seeds of a reliable seed house with a reputation back of it. Seeds of real merit must be grown and sold by practical, trained seedsmen, with a reputation made and to be maintained.

Improved Jersey Pickle.

This makes splendid vinegar pickles on account of its color, making what picklemen call a "light" pickle, excellent for "Gherkins." It is more prolific than White Spine. New land, turned-over pasture makes the nicest pickle. We have extra selected seed. Lb., \$1.00; 1/2 lb., 30c.; oz., 10c.; pkt., 5c.; 5 lbs., by express, \$4.00.

Fordhook Pickling.

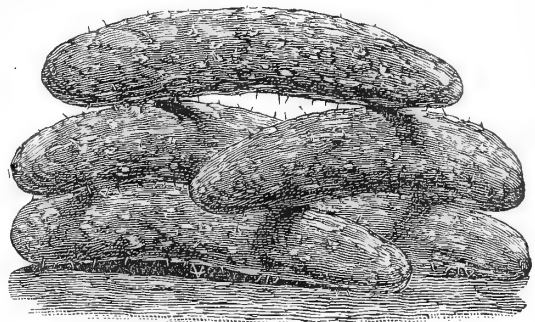
An extremely prolific variety that continues setting its fruits long after other sorts have ceased to bear. It produces longer vines and more cucumbers than any other kind. The thinness of skin, their uniformity of size and shape, the crispness and tenderness of the flesh, taken with its free-bearing habit, render it one of the best pickle cucumbers. Lb., \$1.00; 1/2 lb., 30c.; oz., 10c.; pkt., 5c.

Snow's Fancy Pickling.

This selection, made by a veteran western pickle grower, ranks at the very top as the best possible type of pickle. Our customers who are starting in the pickle business, or those who wish to put new and perfect blood into their stock, should order some of this. Pkt., 5c.; oz., 10c.; 1/2 lb., 30c.; lb., \$1.00.

Any of the following, per pkt., 5c.; oz., 10c.; except where noted.

Improved White Spine	1/2 lb.	30c.	\$1.00
Extra Early Green Prolific		30c.	.90
Japanese Climbing		pkt., 10c.; oz., 20c.	50c.
Green Prolific, or Boston Pickling		30c.	.90
Early Cluster		30c.	.85
Early Frame, 5 lbs.		\$3.60	.85
Emerald	oz., 15c.; 40c.		1.25
Serpent or Snake	oz.,		20c



Improved Long Green.

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

A selection from the Long Green. Vines vigorous and productive, forming fruit fit for table nearly as early as the shorter sorts; fruit about 12 inches long, firm and crisp. The young fruit makes excellent pickles, and when ripe is the best for sweet pickles: Lb., \$1.20; 1/2 lb., 40c.; oz., 15c.; pkt., 5c.; by express, lb., \$1.10; 5 lbs., \$4.50.

Early Cyclone. It is not only the earliest Cucumber in cultivation, being fully two weeks ahead of White Spine, but it is of the desirable White Spine type, being shorter, thicker and holding better its deep green color than any other early Cucumber in cultivation. It is very prolific and grows its fruit in bunches of threes and fours, of uniform size and shape. A single hill will sometimes produce from ten to twelve shapely cucumbers. Pkt., 10c.; 1/2 oz., 15c.; oz., 25c.; 2 oz., 40c.; 1/4 lb., 60c.; lb., \$2.00.

English Frame Cucumbers.

Prescott Wonder. This is the best flavored of all the English frame or forcing Cucumbers. The fruit grows long, slim, straight and is nearly all meat. It is an immense bearer. Pkt., (50 seeds), 35c.

Carter's Model. This is one of the best of the English Cucumbers for greenhouse culture. Grows to immense size, straight, smooth and is of excellent quality. We offer introducers' seed, Pkt. (25 seeds), 25 cts.; 3 for 65c.

Rollison's Telegraph. 18 in. long. 1/2 oz., \$1.00; Pkt., (35 seeds), 25c.

Noah's Forcing. Excellent, prolific. Pkt., 15c.

Vaughan's Prolific Forcing. It is early, robust and produces a great abundance of short-necked fruit in clusters, 2 or 3 at a joint. They have but few spines; color a fine, rich green; length 10 to 14 inches and holding the same uniform thickness from end to end. Pkt. (35 seeds) 20c.; 3 for 50c.

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. Bound in linen, 40c.

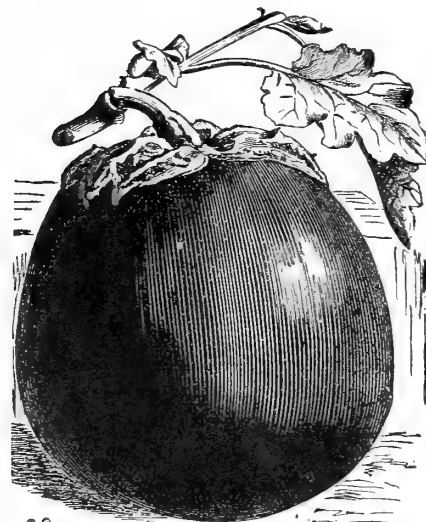
USEFUL VEGETABLES



CORN SALAD.



CURLED GARDEN CRESS.



VAUGHAN'S IMPROVED PURPLE EGG PLANT.

Egg Plant. IMPROVED NEW YORK LARGE PURPLE.—*Vaughan's Improved.* Very large, smooth and of fine dark color. Ours is the spineless plant, most preferred by our market gardeners, both east and west. We make the most careful selection possible of our stock plants. Lb., \$3.50; ¼ lb., \$1.00; oz., 30c.; ½ oz., 20c.; pkt., 10c.

BLACK BEAUTY.—Lb., \$4.00; ¼ lb., \$1.20; 2 oz., 70c.; oz., 40c.; ½ oz., 20c.; pkt., 10c.

BLACK PEKIN.—Fruit round, almost black, flesh white; very solid; fine grained and delicious; very early and almost as large as the later sorts. Lb., \$2.50; ¼ lb., 70c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.

VERY EARLY DWARF PURPLE.—Earliest of all. It resembles the New York Improved in shape and color; is smaller and earlier. Lb., \$2.00; ¼ lb., 60c.; 2 oz., 35c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

Horse Radish Sets. These 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 two inches under the soil. A very profitable crop for market gardeners. 100 for 60c. (by mail, 75c.); 300 for \$1.75; 500 for \$2.50; 1000 for \$4.00; Prices for large quantities furnished on application.

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

EARLY WHITE VIENNA.—White, tender. Lb., \$2.20; ¼ lb., 60c.; oz., 40c.; ½ oz., 20c.; pkt., 5c.

EARLY PURPLE VIENNA.—¼ lb., 60c.; oz., 20c.; pkt., 5c.

Broccoli. LARGE WHITE MAMMOTH. Pkt., 10c.; ¼ oz., 15c.; oz., 30c.

PURPLE CAPE. Pkt., 10c.; ¼ oz., 15c.; oz., 30c.

Brussels Sprouts. PARIS MARKET. This variety of half-dwarf growth, bearing handsome, solid, round sprouts of best quality, crowded together on stalk, 1 to 2 inches in diameter, resembling cabbages in miniature. The sprouts are used as greens, and become very tender and of rich flavor when touched by frost. Sow in May and treat the same as winter cabbage. Lb., \$1.40; ¼ lb., 40c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

Cardoon. *Kardon—Cardon.* The blanched stalks or ribs of the inner leaves are preferred, though main root is also used as a winter vegetable. Pkt., 10c.; oz., 20c.; 2 ozs., 35c.; ¼ lb., 60c.; lb., \$2.00.

Double Curled Chervil. *Koerbel—Cervifol.* It is a hardy annual, worthy of more general use for flavoring and garnishing. More beautiful than parsley, and can be used to great advantage in beautifying dishes of meat and vegetables. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Chicory. *Witloof—Barbe-de-Capucin.* The leaves are used as salads with oil and vinegar, either in their natural state or blanched. Roots are also used to mix with or be substituted for coffee. **LARGE ROOTED MAGDEBURGH.** Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c. By express, 5 lbs., \$2.50; 10 lbs., \$4.00.

Corn Salad. *Rabinschen oder Acker Salat—Mache.* A most refreshing salad: used extensively in Winter and Spring as a substitute for lettuce, also cooked like spinach. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c, postpaid. By express, 5 lbs., \$2.25.

Cress or Pepper Grass. *Garten Kresse—Cresson alenois.* **CURLED GARDEN.** Much used with lettuce, for the flavor of which its warm pungent taste makes a most agreeable addition. Lb., 50c.; ¼ lb., 15c.; oz., 5c. By express, 5 lbs., \$1.75.

UPLAND CRESS. Has the highly prized flavor of water cress. It is so hardy as to be green nearly the whole year and is ready for use before any other salad in Spring. Oz., 30c., ½ oz., 15c.; pkt., 5c.

Water Cress. *Wasser Kresse—Cresson de fontaine.* The pleasant and peculiar flavor of the Water Cress causes it to be highly esteemed for table use. Will grow where there is sufficient supply of fresh pure water; need not be running water. It can also be grown in tubs of good soil kept in a very shady place, if watered occasionally. Our packages contain full cultural directions. Oz., 30c.; pkt., 10c.; 3 for 25c.

Dandelion. *Loewenzahn—Dent-de-lion.* Dandelion as a money crop is fast becoming the favorite spring green in the market.

THICK LEAVED OR CABBAGING.—An improvement on the common sort, the leaves being double the size. Lb., \$6.00; ¼ lb., \$1.60; oz., 50c.; ½ oz., 25c.; pkt., 10c.

Endive. *Endivien Salat—Chicoree Endive.* One of the most refreshing and attractive of all autumn and winter salads. Sow seed from the middle of June until the end of August.

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.

GREEN CURLED.—A market sort. Lb., \$1.10; ¼ lb., 35c.; oz., 10c.; pkt., 5c.

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

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

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

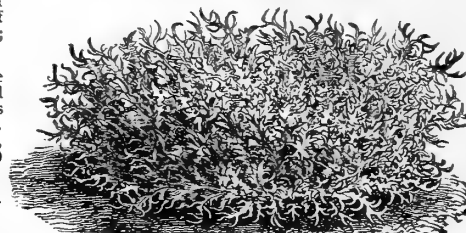
Garlic. *Knoblauch—Ail.* **SELECTED BAVARIAN.**—This is a particularly fine strain of Garlic. It is larger and more even than ordinary Garlic, keeps much longer and is snowy white. Lb., 25c.; 3 lbs., 65c.; 5 lbs., \$1.00; 10 lbs., \$1.85. If by mail add 10c. per lb. for postage.

ORDINARY GARLIC.—Write for prices.

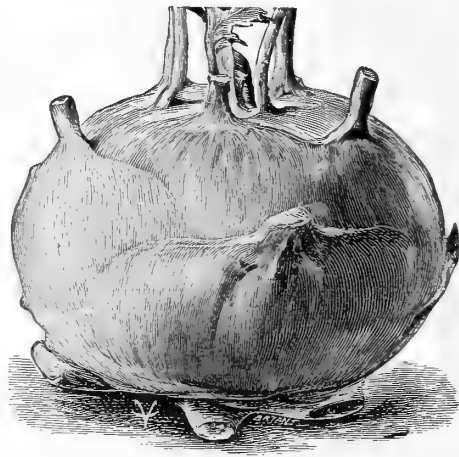
For Culture of the above see "Vaughan's Vegetable Garden," free to buyers of Vaughan's Seeds.



UPLAND CRESS.



STAGHORN ENDIVE.

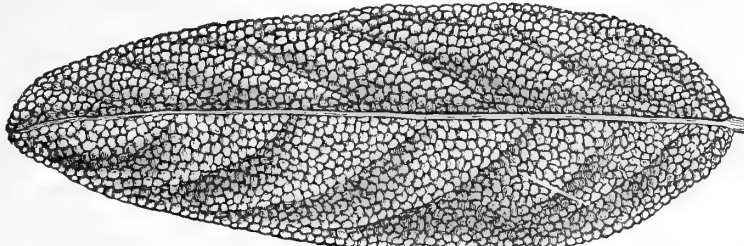


SHORT-LEAVED EARLY ERFURT KOHLRABI.

A PAGE OF SWEET POT AND MEDICINAL HERBS



SWEET MARJORAM—MAJORAN—MARJOLAINE.



HOLT'S MAMMOTH SAGE (PLANTS ONLY).

leaf of natural size; they are borne well above the ground, are strong in flavor, of unusual substance and of superior quality. It does not seed. Price each, 15c.; 3 for 25c.; 7 for 50c.; 15 plants for \$1.00; by mail, postpaid.

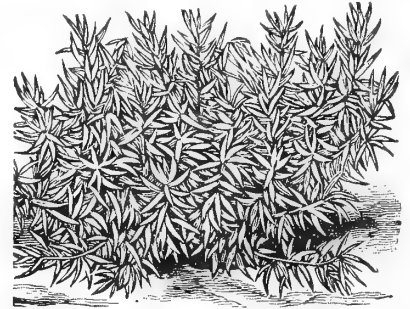
Holt's Mammoth Sage.

The plants are of strong growth, attain a height of one foot the first season and spread so that a single plant covers a space 3 feet in diameter. They are perfectly hardy and make a still larger growth the second season. Our illustration shows a

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.

	Pkt.	Oz.
ANISE. —Used for garnishing, seasoning and for cordials. Lb., 80c. . . . .	.05	.10
*BALM. —Used for making Balm wine and tea. . . . .	.05	.20
BASIL, Sweet. —The leaves are used for flavoring soups, stews and highly seasoned dishes. Lb., \$1.35	.05	.15
BENE. —The leaves immersed in a tumbler of water make a drink very beneficial in cases of dysentery. . . . .	.05	.15
BOHNENKRAUT. —See Summer Savory.		
BORAGE. —Flowers excellent for bees. Leaves used in salads. The flower spikes can be used in cooling drinks. ¼ lb., 40c. . . . .	.05	.15
*CARAWAY. —Seeds are used for flavoring bread, pastry, meats, etc. ¼ lb., 20c.; lb., 60c. . . . .	.05	.10
CATNIP or Catmint. —Grown for bee pasture. The leaves and young shoots are used for seasoning. . . . .	.10	.30
*CHIVES. —Used for seasoning. Plants, per clump, 10c; doz. \$1.00. By mail, add 5c per clump for postage. Seed, ½ oz., 30c. . . . .	.10	.60
CORIANDER. —The seeds are used for flavoring. ¼ lb., 15c.; lb., 45c.	.05	.10
DILL. —Leaves are used in pickles and for flavoring soups and sauces. ¼ lb., 15c.; lb., 60c. . . . .	.05	.10
*FENNEL. —The leaves boiled are used in fish sauces, and are beautiful for garnishing. The seeds are used for flavoring. ¼ lb., 25c. . . . .	.05	.10
*HENBANE. —The growing plants are supposed to absorb malaria. . . . .	.05	.15
*HOP SEED. . . . . .	.15	
*HOREHOUND. —The leaves are used for flavoring, and also in the manufacture of cough remedies. . . . .	.05	.25
HYSSOP. —The tops and flowers are used for Hyssop tea. . . . .	.05	.15
*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. Lb., \$1.50; plants, each, 15c.; doz., \$1.50. . . . .	.05	.15
MARJORAM, Sweet. —The leaves and the ends of the shoots are used for flavoring in summer and they are also dried for winter use. ¼ lb., 45c.; lb., \$1.25. . . . .	.05	.15



***TARRAGON.** (*Artemisia dracunculus.*) The leaves, either dried, fresh, or steeped in vinegar, are highly esteemed for seasoning and are called for in first class receipts. Once established, they will continue to produce for a long time. Price of plants 15c. each; 2 for 25c.; 5 for 50c.; 12 for \$1.00, postpaid.

RUSSIAN TARRAGON—Seed.—Not as fine flavored as the German. Pkt., 10c.

	Pkt.	Oz.
*PENNYROYAL. —Leaves are used for seasoning puddings and various dishes. . . . .	.10	
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.		
PIMPINELLA. —The young tender leaves are used as salad; they have a flavor resembling that of cucumbers. . . . .	.05	.15
*ROSEMARY. —The leaves are used for seasoning. . . . .	.05	.25
*RUE. —For medicinal purposes; good for fowls for the croup. . . . .	.05	.15
SAFFRON. —Used for coloring certain dishes, also for flavoring. ¼ lb., 30c. . . . .	.05	.10
SAGE. —Leaves and tops are used for seasoning and stuffing. Lb., \$1.75	.05	.15
SUMMER SAVORY. —The leaves and young shoots are used for flavoring, especially for boiled string beans. ¼ lb., 20c.; 1 lb., 70c.	.05	.10
TAGETES LUCIDA. —This possesses in its green parts almost exactly the true Tarragon flavor; of easiest culture. ½ oz., 15c. . . . .	.05	
THYME. —Used for seasoning; a tea is also made for nervous headache. ½ oz., 15c.; lb., \$2.40. . . . .	.05	.20
*Winter Savory. —A perennial for seasoning. . . . .	.05	.20
*Wormwood. —Beneficial for poultry; should be planted in poultry yards. ¼ lb., 60c.; lb., \$2.20	.05	.20



SUMMER SAVORY—BOHNENKRAUT—SARRIETTE



LAVENDER—LAVENDEL—LAVANDE.

BORECOLE OR KALE.

DWARF GREEN CURLED KALE.

Vaughan's Extra Selected Stock.

This is hardier than Cabbage, and makes excellent greens for Winter and Spring use. The leaves are as curly as Parsley, are tender and of very fine flavor and are improved by frost. Sow the seed in May or June, transplant in July and treat same as Cabbage. Immense quantities of this are grown in the South and shipped to Northern markets. We have an excellent strain of it.

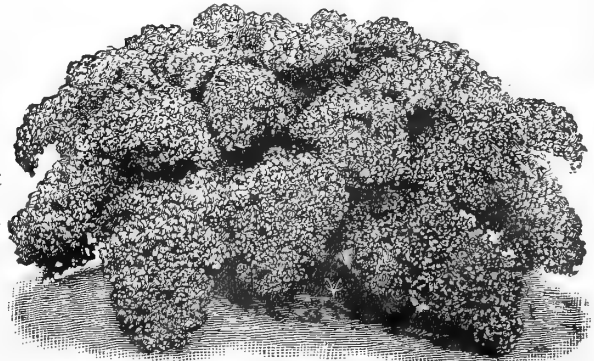
Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

TALL GREEN CURLED.—Fine curled. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

SEA KALE.—¼ lb., \$1.00; oz., 30c.; pkt., 5c.

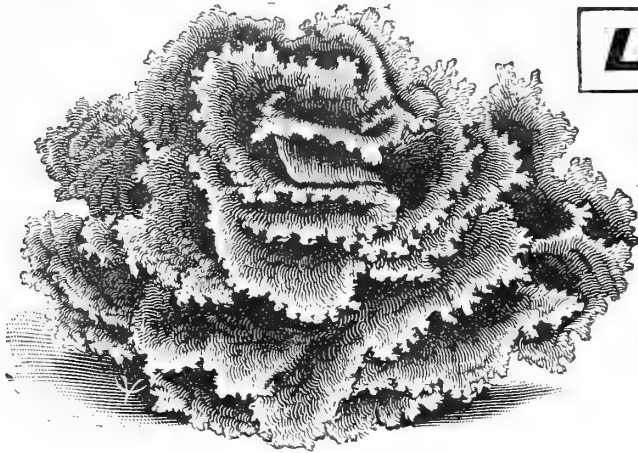
See also novelties.

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



DWARF GREEN CURLED KALE.

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



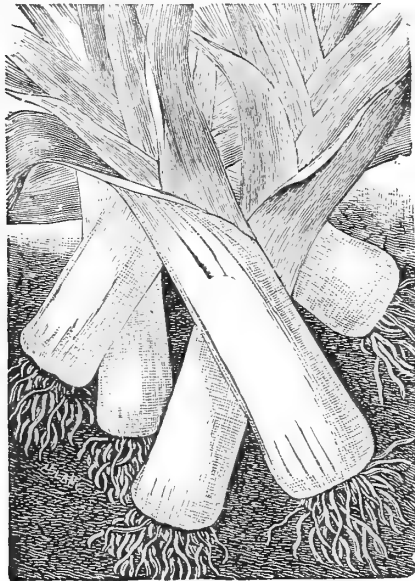
BLACK SEEDED SIMPSON, VAUGHAN'S SELECT.

Black Seeded Simpson.

Vaughan's Selected Stock.

This is by far the most popular sort among the Chicago gardeners. It forms large, loose leaves of ideal color; the leaves are large, thin, very tender, and of very good quality. It is one of the best sorts for use under glass as well as for early outdoor planting. As this kind varies when growing we have our stock seed all hand picked. Lb., \$1.25; ¼ lb., 35c.; 2 oz., 25c.; oz., 15c.; pkt., 5c.

Black Seeded Simpson. Regular Stock. Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; ¼ lb., 25c.; lb., 85c., postpaid.



Leek—Lauch—Porree.

Long Mezieres Winter. This new variety

excels all the Leeks grown. It has broad, vigorous, erect leaves and a long, good sized stem of snow white color and excellent flavor. It is very hardy, may be recommended as one of the best sorts for the market. Pkt., 5c.; oz., 15c.; 2 oz., 25c.; ¼ lb., 45c.; 1 lb., \$1.35.

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

Large Musselburgh. Enormous size, leaves large and broad, mild, pleasant flavor. Lb. \$1.10; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

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

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 oz., 40c.

Old Lettuce Seed For Birds.

Per ¼ lb., 10c.; lb., 22c.; 10 lbs., \$1.50. If by mail, add 8c. per lb. for postage.

LETTUCE

Two Ounces of Seed to 100 yards of Row, 4 pounds to the Acre. 40 to 50 Days from Seeding to Maturity

Our Lettuce Seed is specially grown for us by the most careful seed grower in California, and is therefore much superior to the Lettuce Seed usually sold.

Curled or Loose Leaved Sorts.

Early Curled Silesia. The old favorite, of dwarf, compact habit and curled edges. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.

Early Curled Simpson. (White seeded.) One of the best of the "Leaf" Lettuces. Lb., 85c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

The "Morse." A careful selection from the Black Seeded Simpson by a seed grower of large experience. Very desirable for growing under glass or out of doors; style of growth resembles the Grand Rapids; leaves beautifully wrinkled and of brilliant green color. Quality the very best. Lb., 85c.; ¼ lb., 25c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.

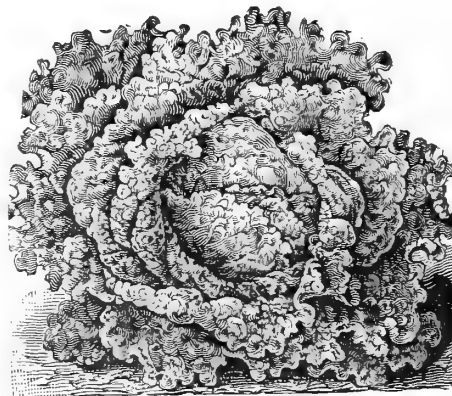
Early Prize Head. This popular variety produces large, loose heads of which are shaded with brown. Exceedingly crisp, sweet and tender. One of the best for the home garden. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.

Tilton's White Star. A distinct sort of the Black Seeded Simpson type, but grows larger and more rapidly, and its leaves are broader, thicker, darker and less frilled at the edge. It forms a large, loose head, blanches well, and is of excellent quality. The plants remain long in condition for use before running to seed. Pkt., 5c.; oz., 10c.; 2 oz., 15c.; ¼ lb., 25c.; lb., 85c.

For 10 Years

I have purchased my main supply of seeds from you and I have never had a single failure with your seeds. They have always been satisfactory and just as represented. I cultivate 40 acres, all in garden truck, and supply the most critical store trade in Pontiac (Mich.), where I get top prices for the products of your seed. You can always count on me recommending your seeds and your treatment.

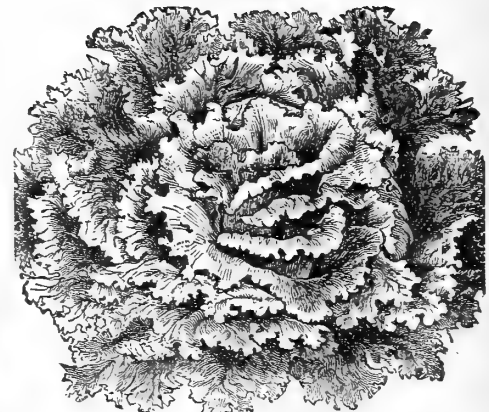
O. G. BISHOP.



Denver Market Forcing.

An early variety of Head Lettuce, either for forcing or open ground. It forms large heads, of good light green color. The leaves are beautifully marked and blistered (like the Savoy Cabbage), very crisp and tender. Lb., 85c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

We advise the planting of **TARRAGON (Esdragon)** in every garden. It possesses a very delicate aromatic flavor which makes it highly appreciated for seasoning lettuce salads or for making Tarragon vinegar. It is a hardy perennial plant. Three plants are enough for a small garden. Price, each, 15c.; 3 for 35c.; 12 for \$1.00.



Grand Rapids Forcing.

This grand forcing variety stands more neglect in the way of watering and ventilation, will grow more weight on the same ground, and stand longer after maturity than the Black Seeded Simpson. It is of handsome appearance, a strong grower, and not apt to rot, and will keep from wilting longer while exposed for sale than any other. Its upright habit admits of very close planting.

Vaughan's Extra Selected Stock.—5 lbs., \$3.50; lb., \$1.25; ¼ lb., 40c.; 2 oz., 25c.; oz., 15c.; pkt., 5c.

Ordinary Stock.—5 lbs., \$3.25; lb., 85c.; ¼ lb., 25c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.

Cabbage or Heading Sorts.

"Maximum." A wonderfully 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.; 2 oz., 15c.; ¼ lb., 25c.; lb., 85c.

Vaughan's "All Seasons." Without doubt this is one of the best of the All Head Lettuces. It forms a handsome, very large solid head, almost as large as a Flat Dutch Cabbage. The leaves are a beautiful light green, and the inner ones are very tender and crisp. It goes to seed very slowly and is for early or late sowing. Pkt., 10c.; oz., 15c.; 2 ozs., 25c.; ¼ lb., 40c.; lb., \$1.35.

New Lettuce, Unrivalled. See novelties.



VAUGHAN'S "ALL SEASONS." The best Head Lettuce in existence.

CABBAGE OR HEAD LETTUCE—Continued



BIG BOSTON.

Big Boston—Vaughan's Selected Stock

A very popular variety with gardeners who want a large heading, forcing sort, and also for outdoor winter culture in the South. The plants are large, very hardy and vigorous which are bright, light green in color, and when well grown are quite tender. Indoors this forms a solid head, while outdoors it is less distinctively a heading sort. **Lb., \$1.25; ¼ lb., 35c.; 2 ozs., 25c.; oz., 15c.; pkt., 5c.**

Rudolph's Favorite or Butter Cup.

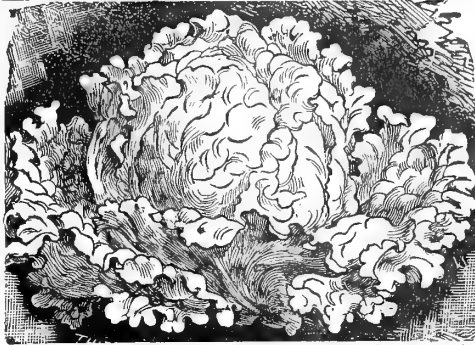
A very attractive Cabbage Lettuce; large size, crisp and delicate in flavor and very desirable for either winter or summer use, as well as for forcing. Forms a fine, large solid head, and is remarkable for its fine quality. **Lb., 90c.; ¼ lb., 30c.; oz., 10c.; pkt., 5c.**

Perpignan, or Defiance Summer

Is unequalled 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. The leaves are light green. **Lb., 90c.; ¼ lb., 30c.; oz., 10c.; pkt., 5c.**

Giant Crystal Head. This Lettuce deserves the name because of its size, whiteness and solidity. There is no handsomer sort in cultivation. The outer leaves, of a bright light green, are close set and curly and serve to thoroughly blanch the unexposed center. In Spring or in Midsummer its leaves are alike of fine quality, tender and crisp. **Lb., 90c.; ¼ lb., 25c.; 2 ozs., 15c.; oz., 10c.; pkt., 5c.**

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



Giant Glacier. Withstands heat and drought to an unusual degree. The plants grow strongly, about 12 in. in diameter. The heads are often 6 inches in diameter and the interior is white, crisp and tender, without bitterness. **Lb., 90c.; ¼ lb., 25c.; 2 ozs., 15c.; oz., 10c.; pkt., 5c.**

Blonde Beauty. 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, and one which we can recommend as a superior sort for shipping and the home garden. **Lb., \$1.25; ¼ lb., 35c.; 2 ozs., 25c.; oz., 15c.; pkt., 5c.**

St. Louis Butter Head. Famous at the recent World's Fair. A big, solid head, like a cabbage; crimped, yellow leaves inside of finest quality, green outside. **Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.**

Iceberg. The leaves have small indents, which are constantly filled with dewdrops, thus keeping them always fresh and giving them a crystalline appearance, hence the name. The Iceberg is the hardest heading sort we know. An excellent Lettuce for home garden and market. **Lb., 85c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.**

Standard Favorite Sorts. We can supply the following at the uniform price of **Lb., 85c.; ¼ lb., 25c.; 2 ozs., 15c.; oz., 10c.; pkt., 5c.**—**Brown Dutch, New York, Salamander, Trianon Cos, Mammoth Black Seeded Butter, Tennis Ball Black Seeded, Tennis Ball White Seeded, White Summer Cabbage, Emperor Forcing and Forcing Milly.**



Improved Hanson. Forms very large firm heads, which are deliciously sweet, crisp and tender; heads green outside and white within; for outdoor culture unequalled. It is one of the best heat-resisting sorts. **Lb., 90c.; ¼ lb., 30c.; oz., 10c.; pkt., 5c.**

Deacon, or San Francisco Market.

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. One of the most desirable to grow in a cool greenhouse or cold-frame, for use during winter and early spring. **Lb., 85c.; ¼ lb., 25c.; 2 ozs., 15c.; oz., 10c.; pkt., 5c.**

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. **Lb., 85c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.**

Paris White Cos or Romaine.

Cos Lettuces have come into favor, and rightly so, for their crisp and tender leaves. **Lb., \$1.10; ¼ lb., 30c.; oz., 10c.; pkt., 5c.**

Silver Ball. The heads are of good size and of excellent quality. **Lb., 85c.; ¼ lb., 25c.; 2 ozs., 15c.; oz., 10c., pkt., 5c.**

Special Prices on 5, 10 and 20 Pound Lots.

MUSK MELONS



Rocky Ford Muskmelon

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. **Price, per lb., 75c.; ¼ lb., 25c.; 2 ozs., 15c.; oz., 10c.; pkt., 5c.**

New Forcing Musk Melon, "Diamond Jubilee." For growing under glass. The fruits are oblong in shape, usually weighing 3 to 5 lbs. The skin is beautifully netted, and when ripe assumes a very pretty golden yellow. The flesh is greenish white and of exquisite flavor. First-class certificate in Edinburgh. **Pkt. (25 seeds), 25c.; 3 pkts. for 65c.**

Netted Gem, Oval, Patoka Strain. This seed has been saved by one of the largest and most successful growers in Michigan and Indiana of true Netted Gem Melons ("Lopes" as they are called) supplying all the leading cities with these shipments in carloads. We believe this to be the most careful, uniform and desirable strain of Netted Seed that can be procured in the United States. Careful tests of Rocky Ford seed planted alongside this strain have proven ours to be more uniform in shape than any other. With every order for seed we supply our circular "How to grow Musk Melons," which contains valuable advice. **Price per lb. \$1.00; 5 lbs. for \$4.00; ¼ lb., 60c.; ½ lb., 35c.; oz., 15c.; pkt., 5c.**

Netted Gem Oval. Our regular stock of this at the following prices is first-class, carefully selected seed, such as no gardener need hesitate to plant. **Price, per lb., 80c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.**

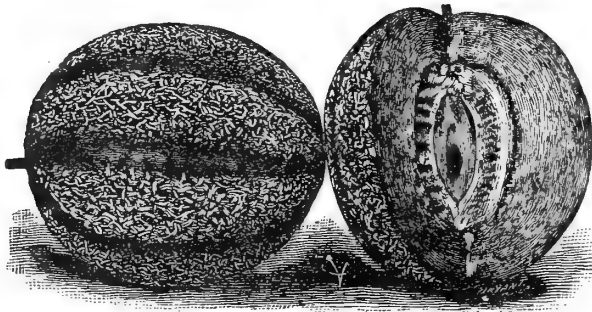
Netted Gem, Round. This is the true original type of Netted Gem originated in Philadelphia, but our grower has improved it by weeding out so far as possible the oval type. **Price, per lb., 70c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.**

Benton Harbor "Gems." We secured seed of this favorite melon from the most careful and best known melon growers in the Benton Harbor district. Our representative inspects their fields and selects only the true type. Our customers will find this stock exceptionally pure, true and even. **Per lb. \$1.00; ¼-lb., 30c., post-paid. 5 lbs., \$4.60; 10 lbs., \$9.00; 25 lbs., \$20.00, by express.**

Musk Melon

Special Prices
on 5, 10 and 20
lb. Lots.

Continued.



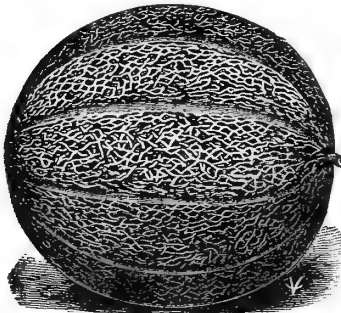
Vaughan's Original Osage.

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 special 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 the past season has seen an increased sale of and demand for this melon from the best restaurants and hotels in Chicago, Detroit and other 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.

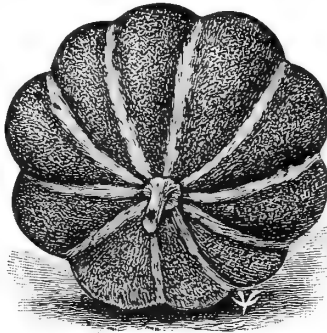
Price, regular stock, lb., \$1.25; ¼ lb., 40c; 2 ozs., 25c; oz., 15c; pkt., 5c.
Vaughan's Selected Stock Seed, lb., \$2.60; ¼ lb., 75c; 2 ozs., 45c; oz., 25c; ½ oz., 15c; pkt., 10c.

HUDSON, WIS.—Your stock of Osage Musk Melon, "Selected Stock Seed," is the most uniform in size, thickness of meat and excellent flavor. I have had Osage Melon Seed from various sources, but none came anywhere near your "Selected Stock."
B. L. GRANT.

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.
Lb., \$1.80; ¼ lb., 50c; oz., 20c; pkt., 10c.



CHAMPION MARKET.



EMERALD GEM.

Emerald Gem. Color, dark green; flesh, thick and of a delicate salmon color. For table quality it ranks very high; it is one of the sweetest melons grown, and especially suited to the home garden. Lb., \$1.60; ¼ lb., 45c; 2 oz., 25c; 1 oz., 15c; pkt., 5c.

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. Lb., \$1.25; ¼ lb., 35c; oz., 10c; pkt., 5c.

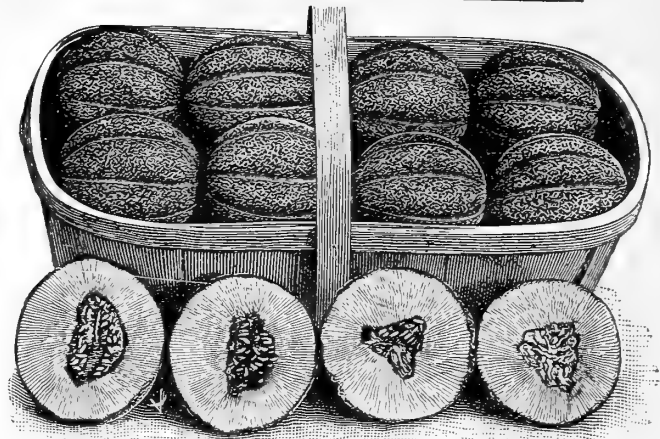
Vaughan's Chicago Market. This we consider the best Nutmeg for earliness of maturity, large and uniform size, thickly netted skin, small seed cavity, deep green flesh, juicy delicious flavor and freedom from rot. A favorite with all who prefer a green-flesh sort. Lb., 80c; ¼ lb., 25c; oz., 10c; pkt., 5c.

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. Lb., 85c; ¼ lb., 25c; oz., 10c; pkt., 5c.

Tip Top. Selected Stock. A Melon we recommend to every lover of this luscious fruit 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, is a good one. They are sweet, juicy, of finest flavor, eatable to the very rind. It is a strong grower and a heavy yielder, and of handsome appearance. Lb., \$1.50; ¼ lb., 45c; 2 oz., 25c; oz., 15c; pkt., 10c.

If the Osage Melon is planted 5 to 6 ft. apart in the row and one in a hill in good sand large melons can be obtained of the size which will admit only from 6 to 10 melons in a crate 12 in. x 20 in.

If 2 plants are allowed to grow in a hill under the same cultivation the melons would likely run a little smaller, approximating 12 to the crate.

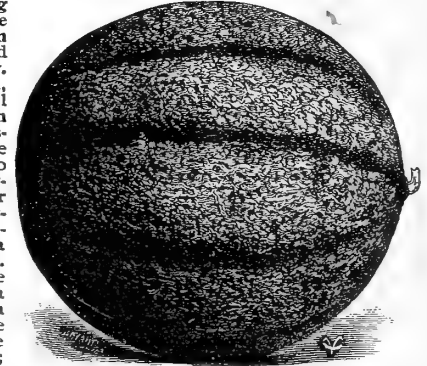


Vaughan's Paul Rose or Petoskey.

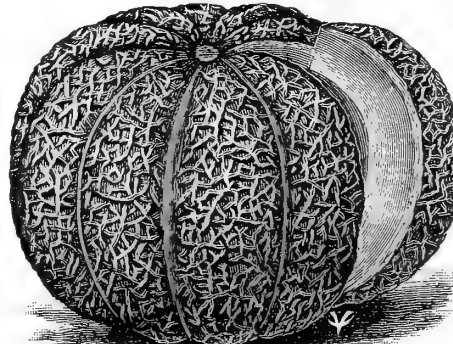
The best and most uniformly high quality table Melon introduced in ten years. No other seeds of Paul Rose Melon can equal our selection in quality, appearance and evenness of type, because other growers have not the same knowledge or painstaking interest in perfecting the type. We say for Paul Rose Melon Seed come to headquarters. It will pay you. "This is a cross of the Osage with the Netted Gem, and combines the sweetness of the former with the fine netting of the Gem. It has also the firmness of meat and cheesy structure peculiar to the Osage. In this respect it is superior to any Melon in existence, because of this thick, solid flesh, free from stringiness, which does not become watery or 'break down' in keeping, retaining its form twice as long as any other shipping Melon. It is perfection 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 5 inches; the average weight is 1½ lbs. Flesh reddish salmon, outside green, netted like Gem." Price: Originator's Selected Stock Seed (Northern Michigan grown), per lb., \$1.50; ¼ lb., 45c; 2 oz., 25c; oz., 15c; pkt., 10c.
Vaughan's Regular Stock, lb., 90c; ¼ lb., 30c; 2 ozs., 20c; oz., 15c; pkt., 5c; 5 lbs., by express \$4.00

The Osage Gem.

Combines the shipping qualities and flavor of the Osage and Netted Gem (Rocky Ford). This is hard to beat. 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, from its appearance as a first-class type of that variety. Second, when cut it will please all customers who prefer a salmon flesh and will sell on its table merits, which are first-class and reliable if the crop is well grown. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., \$1.35, postpaid.



THE OSAGE GEM MUSK MELON.



EXTRA EARLY HACKENSACK.

Extra Early Hackensack

This is a selection of the old Hackensack, which it resembles, but it is fully 10 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, hardest and most prolific of Netted Musk Melons. Lb., \$1.25; ¼ lb., 40c; 2 ozs., 25c; oz., 15c; pkt., 5c.
HACKENSACK, Lb., \$1.00; ¼ lb., 30c; 2 ozs., 15c; oz., 10c; pkt., 5c.

Blenheim Orange. A scarlet fleshed, English Forcing Melon. It is of delicious flavor, handsomely netted and very prolific. Pkt. (35 seeds), 50c.

Other Standard Musk Melons.

Lb., 80c; ¼ lb., 25c; 2 ozs., 15c; oz., 10c; pkt., 5c., postpaid.
Banana, The New Ideal, Extra Early Nutmeg, Bay View or Sweet Home, Montreal Market, Landreth's Early Citron, The Syracuse.

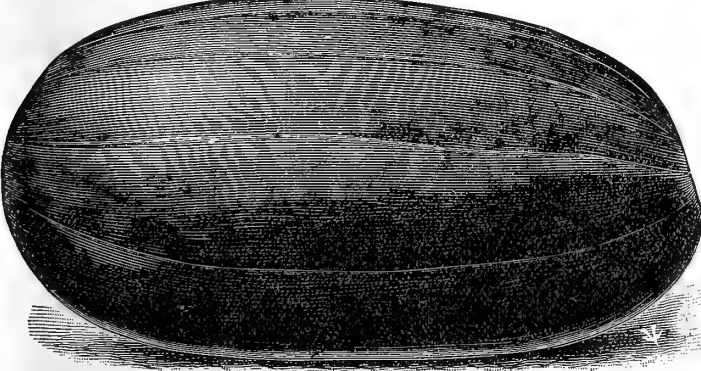
WATER MELON

Special Prices on 5, 10 and 20 lb. Lots.

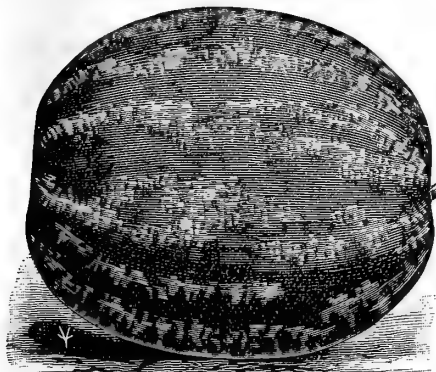


Vaughan's Black Diamond.

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 our new 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 pounds 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., 20c.; lb., 60c.; by express, 5 lbs. \$2.25.



Kleckley's Sweet. Large oblong Melon, 20 inches in length, by 10 to 12 inches in diameter. The skin is dark green, flesh 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 to-day. Monte Cristo is very much like it. Pkt., 5c; oz., 10c.; ¼ lb., 20c.; lb., 70c.; by express, 5 lbs., \$2.50.



COLE'S EARLY.

Cole's Early. *This is the best early Melon for the Home Market.* For sweetness and delicious texture of flesh it has no superior. The rind is thin, but brittle; for the home we know of none better. Extreme earliness is another point in its favor. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c., by express, lb., 60c.; 5 lbs., \$2.65; 10 lbs., \$5.00.

Improved Kolb's Gem. It is fully a week earlier in ripening than the ordinary Kolb's Gem, besides growing much larger and being a heavier yielder. Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.; by express, 5 lbs., \$2.25; 10 lbs., \$4.00.



Winter Water Melon.

This melon is early, earlier than Sweetheart and 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 as long as a Hubbard Squash 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.

Jones Jumbo. The shape is round, color green, with faint lightish stripes; the meat is deep red and of excellent flavor. As a market melon it sells rapidly and for high prices. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.; 5 lbs., by express, \$2.00.

Early Fordhook. *Extra early.* The form is nearly round. The average weight of the melons is about thirty-five pounds each. The rind is tough, making it a valuable variety for shipping; the outer color is a uniform medium green; seeds white. Lb., 75c., ¼ lb., 25c.; oz., 10c.; pkt., 5c.; 5 lbs., by express, \$3.00.

The Dixie. One of the best shipping melons grown. Darker than Kolb's Gem, and more beautifully striped; unexcelled for eating. Lb., 60c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.; by express in 5 and 10 lb. lots, 45c., lb.

True Ice Cream. *The great home-market Melon.* It has too thin a rind for shipping. Few, if any, surpass a *True Ice Cream* for quality and productiveness. Flesh bright scarlet, solid to center; melting and delicious. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

McIver's Wonderful Sugar Melon.

The melons attain a great weight, are of a very handsome appearance, never crack or lose their fine flavor in the wettest season. It is a very productive and hardy variety and one that will take the lead wherever known. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c., postpaid; by express, lb., 60c.; 5 lbs., \$2.50.

Triumph. It is a cross between Duke Jones and Kolb's Gem. It has the handsome appearance of the former and the shipping qualities of the Gem; very early, very prolific, deliciously sweet and of enormous size. It possesses all the qualities that go to make up a desirable melon. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c., postpaid; by express, lb., 50c.; 5 lbs., \$2.25; 10 lbs., \$4.00.

Sweetheart. Our strain is a notably sweet-hearted kind for home and market use, and will hold its own (in the Watermelon 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. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.; by express, lb., 50c.; 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.; 2 oz., 20c.; ¼ lb., 30c.; lb., \$1.00.

STANDARD VARIETIES, which we can supply at the uniform price of: Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.; prepaid.

- | | | |
|------------------|---------------------|--------------------|
| Mountain Sweet, | Phinney's Improved, | Duke Jones, |
| Cuban Queen, | Dark Icing, | Long White Icing, |
| Colorado Citron, | Rattle Snake, | Red Seeded Citron. |

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 with cabbage, like Peppers. For sweet pickles, pies and preserving they have no equal. Full directions for cooking on each package. Large pkt., 10c.; 3 pkts. for 25c.

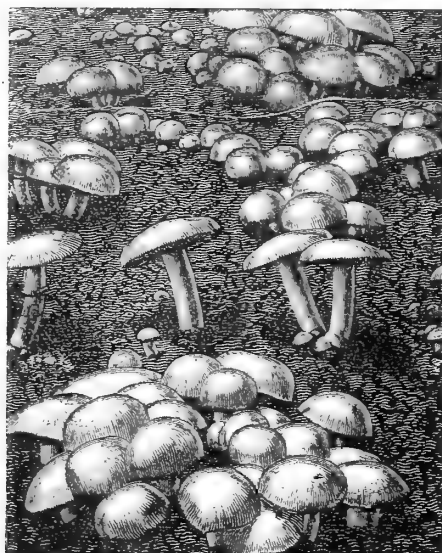
MUSHROOMS.

This is one of the most luxurious and highly prized of all vegetables, a necessity in all high class hotels, restaurants and in houses of refinement. The increase in the demand for this rich flavored *Agrarius* is wonderful, and yet the prices are not only maintained, but increased. We have been most successful in supplying with satisfaction our Imported English Spawn to market growers. For this purpose, and to have a fresh supply always on hand, we make five importations yearly. For care in making these bricks and thoroughly running them with live Mycelium (threads) our makers are expert. We now supply annually East and West scores of wholesale Mushroom caves, sheds or greenhouses with their entire planting stocks of Spawn. Prices follow:

English Mushroom Spawn. (Vaughan's Special). It comes in pressed bricks weighing about 20 ounces. These are broken up into pieces the size of a walnut and put into the bed eight inches apart each way. Price per brick, 25c.; 5 lbs., \$1.00, postpaid. By express or freight, per brick, 15c.; 2 for 25c.; 10 lbs., \$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. Put up in boxes of 21 lbs. each. Price per box, 75c.; if by mail, \$1.20. The same loose, per lb., 35c.; if by mail, 45c.; 10 lbs., \$3.20.

Pure Culture "Garden City" Spawn. The highest development in the art of Spawn making. This new method of breeding the spores of Mushrooms in air tight tubes, so that the exact sort may be reproduced and the extent of the inoculation of the bricks positively known will, it is believed, soon supersede others. By this selection of varieties the inferior yielding kinds are avoided. We now offer the Cream Brown variety which increases the yield from ½ to 1 lb. per square foot over other kinds. Pure Culture Spawn price, per brick, 35c.; 5 lbs., \$1.25, postpaid. By express or freight, 10 lbs., \$1.25; 25 lbs., \$2.75; 100 lbs., \$10.00.



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. Lb., 70c.; ½ lb., 20c.; oz., 10c.; pkt., 5c.

White. Best for general use. Lb., 40c.; ½ lb., 15c., oz., 5c.

Brown. Stronger than above. Price, same as white.

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.; ¼ oz., 20c.; oz., 35c.



CHINESE MUSTARD

Okra or Gumbo.

The young seed pods of this southern plant are used for the well known and delicious "Gumbo" soups; alone or with chicken. It's smooth glutinous taste is much liked. Probably the finest known vegetable for this use. Very easy to grow. Directions on packets.

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-edged. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Dwarf. Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Tall. Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

FREE We will send a copy of Market Gardening with Nitrate, a book of 38 pages, to anyone who is interested enough to ask for it.

Nitrate of Soda. For Onions, a top dressing of from 75 to 100 lbs. two or three times at intervals of about three weeks after the crops have well started

Vaughan's Pedigree Onion Seed

Prices have ruled high this season for onions, and good stock has sold well. But even in a season of high prices onions grown from seed of our fancy specialties like Southport, Dark Red Globe, Ideal White Globe, Ohio Yellow Globe and Vaughan's Apple Shaped Red Globe have sold at higher prices and quicker than any others; both for immediate use and for winter storage. It will pay you to plant Vaughan's Onion Seed. It not only grows well, but produces crops which sell quickly.

Large Red Wethersfield.

This is the Standard Red Variety and a favorite onion 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 unsuitable soil, than the Danvers, but it is the best variety on poor or dry soils. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c., postpaid. By express, lb., 90c.; 5 lbs., \$4.25; 10 lbs., \$8.25.

Long-Keeping Brown Australian.

Extra Early. Is of medium size, wonderfully hard and solid and most attractive for market, both as to form and appearance. They are extremely early in ripening, and never make any stiff necks or scallions. Every seed seems to produce a good-sized onion, and the bulb begins to form very quickly when the plant is not over three inches high. Planted with the Red Wethersfield it proved to be nearly four weeks earlier and ripened

off more uniformly. It will keep longer in good condition than any other Onion known. The color of the skin is a clear amber-brown. Lb., \$1.00; ¼ lb., 35c.; oz., 15c.; pkt., 5c., postpaid. By express, lb., 90c.; 5 lbs., \$4.00.

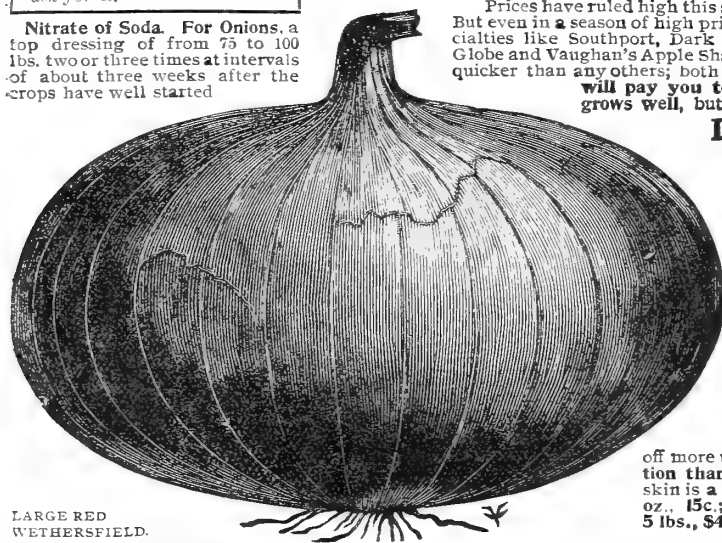
The Early Yellow Cracker.

The earliest of all our yellow sorts, and is an excellent kind to raise where the seasons are short. It is the best of all the yellow onions in quality, but needs to be harvested as soon as it dies down and handled carefully. Lb., \$1.10; ¼ lb., 35c.; 2 ozs., 25c.; oz., 15c.; pkt., 5c., postpaid. By express, lb., \$1.00; 5 lbs., \$4.50.

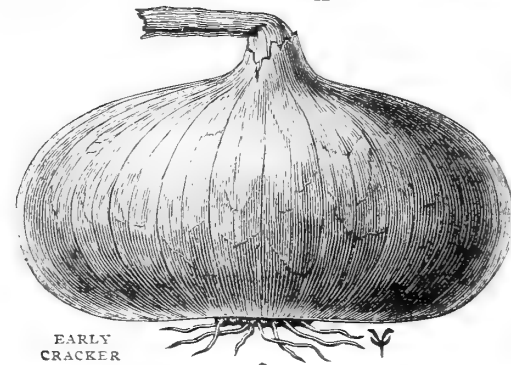
Early Red Cracker. Like above, except in color. Price same as Yellow Cracker.

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. Lb., \$1.10; ¼ lb., 35c.; 2 ozs., 25c.; oz., 15c.; pkt., 5c.

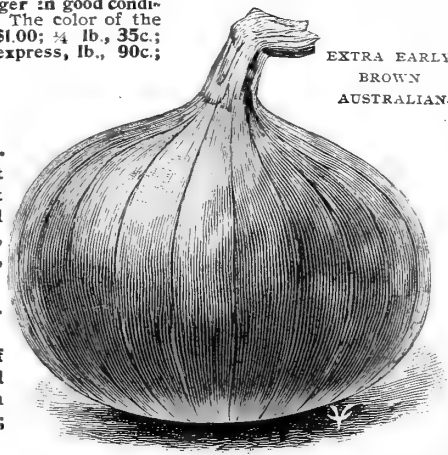
NOROTON HILL, CONN.—I must compliment you on the very excellent Mushroom Spawn you sent me. I am now collecting a very heavy crop of first-class quality from a bed spawned Sept. 1st.
JOS. THOMPSON,
Gardener to E. Y. Weber, Esq.



LARGE RED WETHERSFIELD.



EARLY CRACKER



EXTRA EARLY BROWN AUSTRALIAN.

Southport Globe Onions

WE are taking a great deal of pride in our strains of Southport Onions; the white and yellow as well as this one. Our Seed Onions are selected with greatest care and none are planted except they have all the necessary requirements of the true type. The Onions are almost perfectly globe shaped, with thin necks and clear skins.

**VAUGHAN'S
SELECTED
STOCK**
Finest Shaped
Best Colored
and
Largest Croppers
Excellent Keepers

Southport Blood-Red Globe.

Our Blood-Red Globe is of a beautiful crimson red, and a better lot of seed cannot be found. This variety has for the past 5 years proven one of the most profitable for the market and shipping trade, commanding uniformly good prices in carload lots. Ours is the best selling color and shape.

PRICE: Eastern Seed; Lb., \$1.50; ¼ lb., 50c.; 2 oz., 35c.; oz., 20c.; ½ oz., 10c.; pkt., 5c.; postpaid. By express, lb., \$1.40; 5 lbs., \$6.50; 10 lbs., \$12.00.

PRICE: Western Seed; lb., \$1.20; ¼ lb., 35c.; 2 oz., 25c.; oz., 15c.; pkt., 5c., postpaid. By express, lb., \$1.10; 5 lbs., \$5.00; 10 lbs., \$9.50.

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.

PRICE: Eastern Seeds; lb., \$1.50; ¼ lb., 50c.; 2 oz., 35c.; oz., 20c.; ½ oz., 10c.; pkt., 5c., postpaid. By express, lb., \$1.40; 5 lbs., \$6.50; 10 lbs., \$12.00.

PRICE: Western Seed; lb., \$1.25; ¼ lb., 35c.; 2 oz., 25c.; oz., 15c.; pkt., 5c., postpaid. By express, lb., \$1.15; 5 lbs., \$5.00; 10 lbs., \$9.50.

Vaughan's Ideal White Globe.

This is the handsomest of all Onions. Our genuine Connecticut 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 stock, 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.

PRICE: Eastern Seed; lb., \$2.10; ¼ lb., 60c.; 2 oz., 40c.; oz., 25c.; ½ oz., 15c.; pkt., 10c., postpaid. By express, lb., \$2.00; 5 lbs., \$9.50; 10 lbs., \$18.00.

PRICE: Western Seed; lb., \$1.75; ¼ lb., 50c.; 2 oz., 35c.; oz., 20c.; pkt., 5c., postpaid. By express, lb., \$1.65; 5 lbs., \$8.25; 10 lbs., \$14.00.

Ohio Red Globe.

This is another specialty of the Vaughan's Seed Store and a companion of the variety Ohio Yellow Globe mentioned below, and so very favorably known to our customers. Medium size, which means the best selling size in the market, deep color, small neck, and early ripening. It has not exactly the flat bottom shape of the Ohio Yellow Globe, but has a round bottom rather than elongated. Lb., \$1.45; ¼ lb., 45c.; 2 oz., 25c.; oz., 15c.; ½ oz., 10c.; pkt., 5c., postpaid. By express, 5 lbs., \$5.75.

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 shape and heaviest yielding bulbs, entirely distinct from the old type Yellow Globe Danvers. It is earlier, has a smaller neck, is of perfect globe shape and uniform in size and color. Lb., \$1.45; ¼ lb., 45c.; 2 oz., 25c.; oz., 15c.; ½ oz., 10c.; pkt., 5c. By express, 5 lbs., \$5.75.

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 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. Per pkt., 10c.; ½ oz., 15c.; oz., 20c.; 2 oz., 30c.; ¼ lb., 45c.; lb., \$1.50; 5 lbs., \$6.50.

Vaughan's "Apple-Shaped" Yellow Globe.

In shape, productiveness, keeping qualities, and in every other respect like above, except in color, which is a good yellow. Per pkt., 10c.; ½ oz., 15c.; oz., 20c.; 2 oz., 30c.; ¼ lb., 45c.; lb., \$1.50; 5 lbs., \$6.50.

The Bolton Onion. THE ONION FOR SETS.

A central New York variety, pale red, medium in size, shaped like a thick flat Danvers, very firm, with small tops, quick growth. This Onion makes the best and longest keeping sets in the world. Bolton Onion Sets are Famous. It quickly makes a handsome "Green Onion," being one of the earliest in the market. The Onions, if permitted to remain in the ground, grow into a large Onion of fine quality for fall and winter use. Pkt., 5c.; oz., 10c.; 2 oz., 15c.; ¼ lb., 30c.; lb., \$1.00. By express, lb., 90c.; 10 lbs., \$7.75; 50 lbs., \$36.00.

Something New.

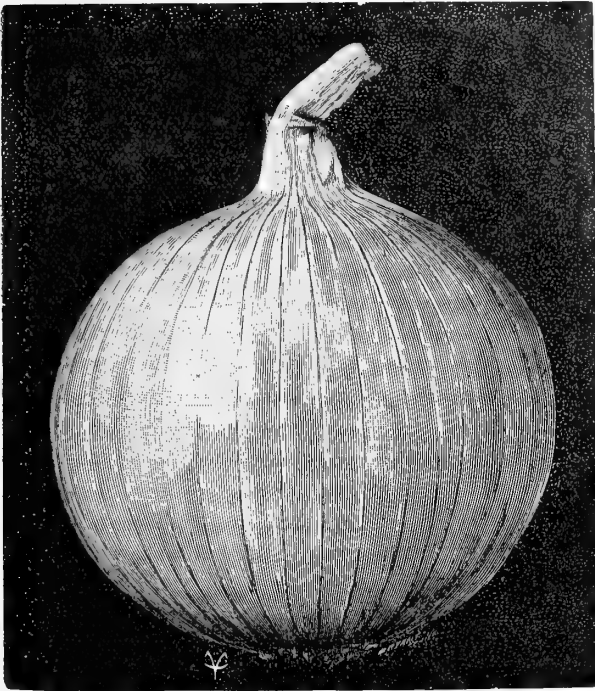
Early White Welsh Onion. For Green Onions. This kind does not form a bulb but is one of the best kind for Green Onions. The plants are perennial and can remain in the ground for years. This is the sweetest of all onions. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 oz., 40c.; ¼ lb., 60c.

Yellow Russian Onion. An exceedingly distinct kind. The bulbs are rather small and thick with the fault of frequently splitting into cloves, but keep better than any other kind. Price same as on Early Welsh Onions.

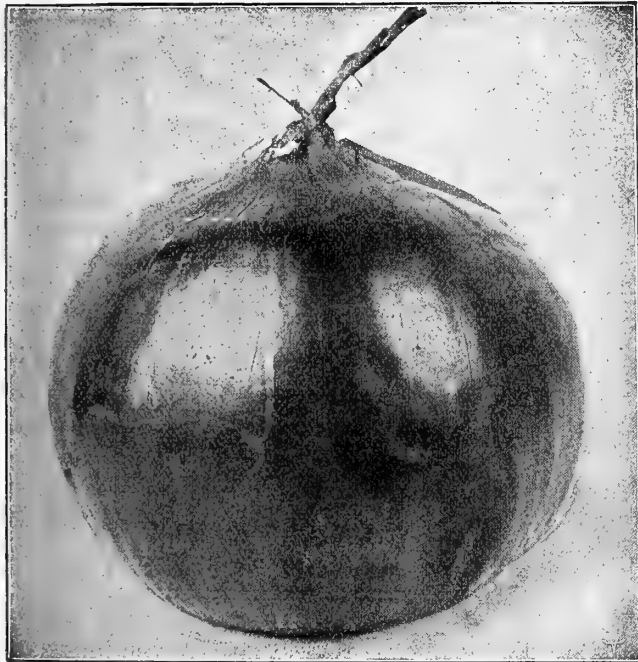
WHITE POTATO ONION SEED. (Each, per pkt, 10c.; ½ oz., 15c.; YELLOW MULTIPLIER (SHALLOT) SEED, 1 oz., 25c.; 2 oz., 40c.

Reliable Onion Seed.

For many years we have supplied the leading growers in the Michigan, Iowa and Illinois Onion districts with their seed, and during all that time we have realized the importance of good seed as our catalogues from year to year have fully indicated. Probably no vegetable in the entire seed list is of greater general importance than Onions grown from seed or sets. We devote this page especially to notable varieties, wishing to emphasize the possibilities of money making in growing Onions.



VAUGHAN'S IDEAL WHITE GLOBE.



VAUGHAN'S "APPLE-SHAPED" RED GLOBE.

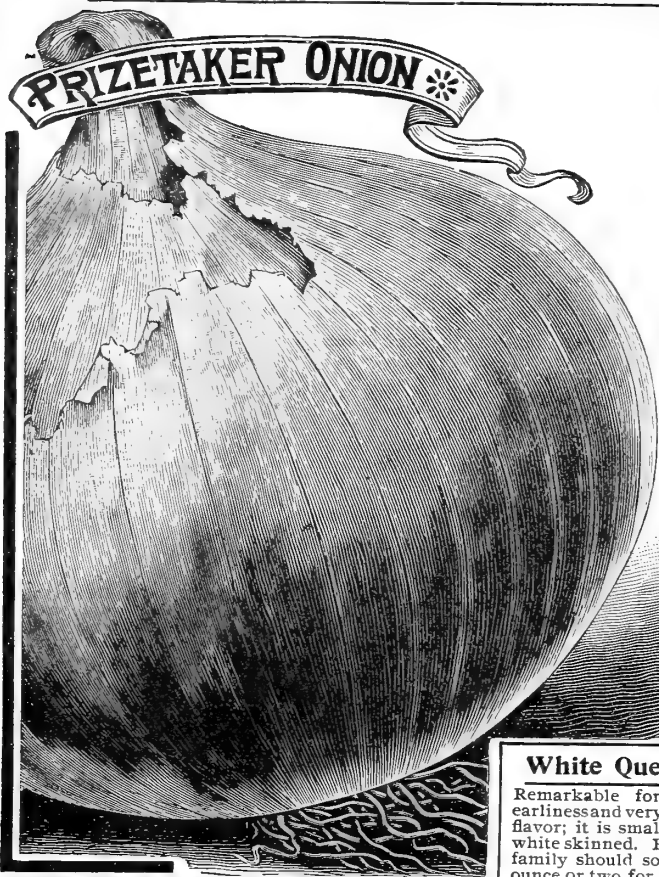
Nitrate of Soda vs. Farm Yard Manure.

Market gardeners are in the habit of using from 50 to 100 tons of stable manure every year. They will tell us that they might as well stop gardening as stop manuring, and they will continue to use year after year such enormous quantities of manure containing no ready formed nitric acid, which is the main source of nitrogen in plants. If they receive the manure for nothing, the labor of hauling it, handling and distributing it costs more than the amount of nitric acid which it naturally yields by decomposition in the soil could be purchased for in the form of nitrate of soda, and in these market gardens the soil is so charged with carbonic acid that it excludes the oxygen and decomposition proceeds very slowly, and to produce the necessary quantity of nitric acid more and more manure must be used. Try nitrate of soda. It acts like magic; it will pay ten times over.

5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$16.50

At Chicago or New York. Prices subject to change without notice.

Mistakes are said to happen in best regulated families. When you find one on us, do not complain to the neighbors, but write us plainly in black ink just what is wrong, (assuming what we think is the fact) that we will rectify it.



If to go by freight or express deduct 8 cents from the price of single pounds.

"Fancy" Yellow Globe Danvers.



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. Lb., \$1.35; ¼ lb., 40c.; 2 ozs., 25c.; oz., 15c.; pkt., 5c., postpaid, by express, lb., \$1.25; 5 lbs., \$5.75.

EASTERN GROWN SEED. Lb., \$1.85; ¼ lb., 55c.; 2 ozs., 35c.; oz., 20c.; pkt., 10c.; postpaid; by express, lb., \$1.75; 5 lbs., \$8.25.

Early Red Globe	} Lb., \$1.60.
Giant Brown Rocca	
Giant Yellow Rocca		oz., 15c.; pkt., 5c.

Bermuda Onions. These onions grow to an immense size and are of a beautiful form. The skin is very thin, flesh white, fine grained, of mild and pleasant flavor. It will grow an onion from 1 to 1½ pounds from seed the first season. (We can supply sets of these in Sept.) White or Red Bermuda, lb., \$1.40; ¼ lb., 40c.; oz., 15c.; pkt., 5c., postpaid.

Large Yellow Dutch, or Strasburg.

The best yellow for sets. We sell hundreds of pounds for that purpose. Flat; flesh white, fine grained, mild and well flavored. Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; ¼ lb., 30c.; lb., \$1.00; postpaid; by express, lb., 85c.; 5 lbs., \$4.00; 10 lbs., \$7.75.

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. Lb., \$1.70; ¼ lb., 50c.; 2 ozs., 30c.; oz., 20c.; ½ oz., 12c.; pkt., 5c., postpaid; by express, lb., \$1.60; 5 lbs., \$7.50.

The shape is uniformly round; color, a fine brown, orange yellow. The entire crop ripens down at one time and winters well. No gardener can afford to experiment with doubtful seed. Lb., \$1.20; ¼ lb., 40c.; 2 ozs., 25c.; oz., 15c.; pkt., 5c., postpaid; by express, lb., \$1.10; 5 lbs., \$5.25; 10 lbs., \$10.00.

Yellow Globe Danvers. This strain of Globe Danvers is equal to any usually sold, and may be relied upon as a first-class cropper. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.; postpaid, by express, lb., 90c.; 5 lbs., \$4.25; 10 lbs., \$8.25.

Yellow Danvers. A fine, productive variety of medium size; skin coppery-yellow; flesh white, comparatively mild and well flavored. Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; ¼ lb., 30c.; lb., \$1.00.

3 Good Kinds of Danvers Onions.



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. Lb., \$1.70; ¼ lb., 50c.; 2 ozs., 30c.; oz., 20c.; pkt., 5c., postpaid; by express, lb., \$1.60; 5 lbs., \$7.00.

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 and the Onions always ripen up hard. Ours is American-grown seed. Lb., \$1.20; ¼ lb., 40c.; 2 ozs., 25c.; oz., 15c.; ½ oz., 10c.; pkt., 5c., postpaid; by express, lb., \$1.10; 5 lbs., \$5.25; 10 lbs., \$10.00.

Mammoth Silver King.

This mammoth variety is one of the largest in cultivation, averaging from 15 to 22 inches in circumference, often weighing from 2½ 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. Lb., \$1.60; ¼ lb., 50c.; 2 ozs., 30c.; oz., 20c.; ½ oz., 12c.; pkt., 5c., postpaid; by express, lb., \$1.50; 5 lbs., \$7.00.

WHITE BARLETTA. It is a beautiful waxy-white color, much admired by housewives. Price, same as that of White Queen.

Kindly send your orders early, which will be as well for you and better for us.

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 three inches in diameter each way and weigh about seven ounces. The onions are thin-necked and ripen very evenly in all soils. The flesh is pure white, very solid and exceptionally mild. As the plant makes a very quick growth it matures the bulbs before the hot, dry Summer weather sets in, and this in connection with its exceptional keeping qualities makes it a most profitable variety. Pkt., 5c.; ½ oz., 10c.; 1 oz., 15c.; 2 ozs., 25c.; ¼ lb., 45c.; 1 lb., \$1.50. postpaid; by express, lb., \$1.40; 5 lbs., \$6.50.

Onion Sets.

Pint, quart and 2 quart prices include postage; pecks and bushels are at buyer's expense. Write for latest market prices on bushel and barrel lots.

Our market gardener customers at Chicago have engaged very largely in the growing of sets for the past ten years, and now Chicago and its immediate vicinity produce probably one-half of the Onion Sets grown in this country. Because of our direct seed selling relations with these growers we are in position to supply the very best possible at the lowest market price, and we carry in our warehouse a good supply of all the following varieties.

We sell Bottom Onion Sets Shal-lots, White Multipliers, and Potato Onions by weight, 32 lbs. to the bushel. Top Sets 28 lbs. to the bushel.



HARVESTING VAUGHAN'S ONION SETS.

Vaughan's "Hazel Size" Onion Sets.

We have set aside a few hundred bushels of extra selected sets, they measure about 5/8 inch in diameter, and are as like and uniform as it is possible to grade them. While our stock lasts we can furnish them at the following prices: **Vaughan's "Hazel Size" Bottom Onion Sets** } per pint.....20c per quart.....30c }
 3 quarts (one of each).....75c
 4 quarts.....85c peck.....\$1.25 bushel.....\$4.00
 If to go by mail add 6c per pint and 12c per quart for postage.
 One quart contains about 300 sets.
 In ordering simply say "Hazel Sets," and give color of sets wanted and amount.

Why Plant Onion Sets?

Because they produce directly an onion ready for market or the household from *Four to Six Weeks Earlier* than can be done by the sowing of 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 a high price besides enabling him to sow for another crop the same year.

Shallots, or Yellow Multipliers. Bu. (32 lbs.), \$3.50; peck, \$1.00; 1/2 peck, 65c., by express or freight. By mail, postpaid, qt., 35c.; pint, 20c.

Yellow Potato Onion Sets.

They produce large, dry ripe Onions, earlier than any other kind. Bu. (32 lbs.), \$3.25; peck, 90c. 1/2 peck, 55c. by express. By mail postpaid quart, 35c.; pint, 20c.

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. By freight or express, bu. (32 lbs.), \$3.50; peck, \$1.00; 1/2 peck, 55c. Postpaid, qt., 35c.; pint, 20c.

Parsley CHAMPION MOSS CURLED

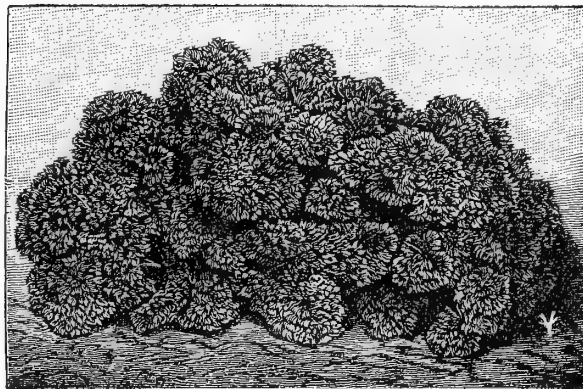
The Champion is a prize-winning English variety, in appearance like a tuft of finely curled moss, and of a rich deep green color. It is slow to run to seed and very hardy; of easiest growth, a few seeds sown in onion rows use no space. Grows in window boxes. Lb., 70c.; 1/2 lb., 20c.; oz., 10c.; pkt., 5c.

Double Curled. Lb., 50c.; 1/2 lb., 20c.; 1/4 lb., 10c.; oz., 5c.

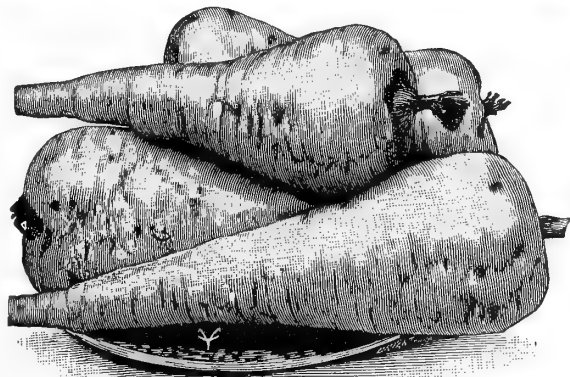
Fern-Leaved. Lb., 75c.; 1/2 lb., 25c.; 1/4 lb., 10c.; oz., 5c.

Plain. Lb., 50c.; 1/2 lb., 20c.; oz., 10c.; pkt., 5c.

Hamburg Rooted, or German Parsley. The root resembles a small parsnip and is the edible part of this sort; extensively used for flavoring soups. Lb., 60c.; 1/2 lb., 20c.; oz., 10c.; pkt., 5c.



CHAMPION MOSS CURLED PARSLEY.



MAGNUM BONUM PARSNIP.

Onion Sets are subject to market changes, and while we shall try to maintain these prices, we cannot guarantee them to last throughout the season and advise early orders. "By express or freight" always means the purchaser pays the transportation charges.

Bottom Onion Sets. These are the product of seed and are used for "Green Onions" or to produce large onions, which they do much quicker than can be grown from seed.

White Bottoms. Our sets of this are very choice, small, dry and unsprouted. Bu. (32 lbs.), \$3.50; peck, \$1.00; 1/2 peck, 65c., by express or freight, 2 qts., 60c.; qt., 35c.; pt., 20c., postpaid.

Yellow Bottoms. Fine dry sets, medium in size and unsprouted. Bu. (32 lbs.), \$2.50; peck, 75c.; 1/2 peck, 45c., by express or freight. By mail postpaid, 2 qts., 50c.; qt., 30c., pt., 15c.

Red Bottoms. Bright, deep red in color, even and dry; these are scarcer this year than the white bottom sets. Bu. (32 lbs.), \$2.60; peck, 85c.; 1/2 peck, 55c., by express or freight. By mail, postpaid, 2 qts., 50 cts.; qt. 30c.; pt., 15c.

White, Yellow and Red Bottom Sets.

Special Offer.

	By mail, postpaid.	By express, buyer's exp.
One pint, each.....	\$0 45	\$0 30
One quart, ".....	.85	.60
Four quarts, ".....	.....	1.40
One peck, ".....	.....	2.50
One bushel, ".....	.....	8.25

White or Silverskin Top Sets.

We have a small supply of these fine Onion Sets, which make such delicious "Green Onions." Pint, 30c.; qt., 55c.; 2 qts., 90c.; 4 qts., \$1.20.

Red Spring Top Sets.

These are planted to produce both early "Green Onions," and large eating onions. By express or freight, bu. (28 lbs.) \$3.50; peck, \$1.00; 1/2 peck, 65c. By mail, qt., 35c.; pint, 20c.

Egyptian, or Perennial Onions.

This variety never forms a large bulb; their value lies wholly in their special adaptability for producing Green Onions for Spring or Fall use. They are perfectly hardy and stay in the ground all the time. Top Sets, by express, bu. (28 lbs.), \$2.00; peck, 65c. Postpaid, qt., 25c.; pint, 15c.

How to Make Money

There is no garden or back yard so small but what from \$5.00 to \$50.00 worth of vegetables can easily be sold from it in a season, besides having plenty for one's own use. Parsley will produce hundreds of bunches, a peck of Onion Sets will produce thousands of early "Green Onions" and a great many large ones, long before those raised from seed are ready. An ounce of Swiss Chard will yield Spinach greens all summer and fall and many a mess can be cut from it for home use and for sale to the neighbors or stores. Carrots, Beets, Cucumbers, Parsnips and Horse Radish are all profitable, while in larger gardens, Peas, Beans and Corn as well as Melons, Tomatoes, Squash and Pumpkin are easily turned into *Money-makers*.

There is not a boy in the country or any suburban town that could not make plenty of spending money with very little trouble by sowing *Vaughan's seeds*.

Parsnip

Magnum Bonum.

A very fine and greatly improved strain of Hollow Crown Parsnip which we can recommend to all marketmen as a *money-maker*. 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. Lb. 55c.; 1/2 lb., 20c.; oz., 10c.; pkt., 5c.

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. Lb., 50c.; 1/2 lb., 15c.; oz., 10c.; pkt., 5c.

Hollow Crown or Long

Smooth. (Abbot's Improved). Smooth, large, tender and sugary; one of the best. Our stock is very fine. Lb., 45c.; 1/2 lb., 15c.; oz., 10c.; pkt., 5c.



NOTT'S EXCELSIOR.



VAUGHAN'S IMPROVED TELEPHONE.

Three Quarts of Seed to 100 Yards of Row. Two Bu. to the Acre.

PEAS

English Wonder } See
Sutton's Excelsior } Novelties
Thomas Laxton }

Vaughan's "Succession Collection" of Dwarf Peas.

These can all be planted at the same time, and they will be ready for use in succession.

Nott's Excelsior. Height, 15 inches. As hardy as the earliest market sorts, but in quality equal to the Little Gem. It outyields that variety and the American Wonder 20 to 30 per cent, and is as early as the latter. The pods are about 3 inches long and each pod contains from 6 to 8 large peas, which are tender and of unusual fine flavor. It not only yields more heavily in bulk of pods than other dwarf varieties of the same season, but also of shelled peas. Price; by mail, postage included, pkt., 10c.; pt., 23c.; qt., 45c. By express or freight, at buyers' expense, large pkt., 10c.; pt., 15c.; qt., 30c.; 2 qts., 55c.; ½ pk., \$1.00; pk., \$2.00; bu., \$7.50.

McLean's Advancer. A great favorite and largely used by market gardeners, as the large, handsome, well-filled pods containing peas of finest quality for table use, are borne at the top of the stalk, and are easily gathered. Very vigorous in growth; height, 2 feet; seed green, very much wrinkled; about ten days later than Nott's Excelsior. Our strain is remarkably pure and desirable. Very popular in some sections with canners. Price; by mail, postage included, pkt., 10c.; pt., 23c.; qt., 40c.; by express or freight, at buyers' expense, large pkt., 10c.; pt., 15c.; qt., 25c.; 2 qts., 45c.; ½ pk., 70c.; pk., \$1.20; bush., \$4.25.

Heroine. In every way worthy the great popularity it has already attained. Elegant habit of growth, luxuriant foliage, pods remarkably long and handsome, slightly curved, well filled with large, luscious peas of fine flavor. This fine variety, apparently as good as Stratagem for all purposes, is far superior to that in habit, growing remarkably even and true. Height, 2 feet; seed green and very much wrinkled. About a week later than Advancer. Price; by mail, postage included, pkt., 10c.; pt., 23c.; qt., 40c.; by express or freight, at buyers' expense, large pkt., 10c.; pt., 15c.; qt., 25c.; 2 qts., 45c.; ½ pk., 70c.; pk., \$1.25; bush., \$4.50.

Succession Collection

Dwarf Peas.

NOTT'S EXCELSIOR.
MCLEAN'S ADVANCER.
HEROINE.

	By Mail.	By Express at Buyers' Expense.
No. 1—One packet each of the three....	\$0.25	\$0.20
No. 2—One pint " " " " " " " "	.65	.40
No. 3—One quart " " " " " " " "	1.15	.70
No. 4—Two quarts " " " " " " " "	....	1.20
No. 5—½ peck " " " " " " " "	....	2.20
No. 6—One peck " " " " " " " "	....	4.10
No. 7—One bushel " " " " " " " "	....	14.50

For a Succession of Tall Peas

Gradus or Prosperity.

A great extra early wrinkled Pea. This remarkable Pea is not only large and of the best quality, but it is nearly or quite as early as the small round, extra early sorts. Gradus is a wrinkled pea with vine growing about 30 inches high. The pods are of a bright green color, and measure 4 inches or more in length, as large as a Telephone, and equally well filled with luscious Peas—8 to 10 or more in a pod. The peas are of highest table quality and retain in a remarkable manner their color and attractive appearance after cooking. It is a grand Pea in all respects. Price: by mail, postage included, pkt., 10c.; pt., 35c.; qt., 60c. By express, at buyer's expense, large pkt., 15c.; pt., 25c.; qt., 45c.; 2 qts., 85c.; 4 qts., \$1.65; pk., \$2.75; bu., \$10.00.

Vaughan's Improved Telephone.

This is without exception the largest podded Pea in existence. It is a heavy cropper and of fine quality; the pods are well filled with peas of the largest size, tender and retain their sweetness well. Undoubtedly one of the best of the tall growing late peas. Price: by mail, postage included, pkt., 10c.; pt., 23c., qt., 40c.; by express, pkt., 10c.; pt., 15c.; qt., 25.; 2 qts., 45c.; 4 qts., 85c.; pk., \$1.50; bush., \$5.50.

Champion of England.

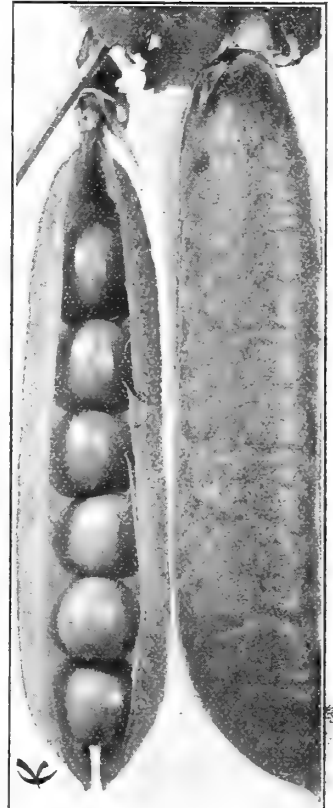
Although this is one of the oldest of the tall growing late Peas, we have not yet found one that surpasses it in quality. There is no other Pea as sweet as this. The vines grow almost 5 feet high, are very vigorous and produce the large pods of luscious Peas in the greatest abundance. The strain we offer has been selected with greatest care and will be found superior to seed offered in the market by most dealers. By mail, postage included, pkt., 10c.; pt., 23c.; qt., 40c.; by express or freight, at buyers' expense, large pkts., 10c.; pt., 15c.; qt., 25c.; 2 qts., 45c.; ½ pk., 70c.; pk., \$1.20; bush., \$4.25.

Succession Collection:

Tall Peas.

GRADUS.
IMPROVED TELEPHONE.
CHAMPION OF ENGLAND.

	By Mail.	By Express at Buyers' Expense
No. 8—One packet each of the three....	\$0.25	\$0.20
No. 9—One pint " " " " " " " "	.75	.45
No. 10—One quart " " " " " " " "	1.20	.85
No. 11—Two quarts " " " " " " " "	....	1.50
No. 12—Four quarts " " " " " " " "	....	2.60
No. 13—One peck " " " " " " " "	....	5.00
No. 14—One bushel " " " " " " " "	....	18.00



GRADUS OR PROSPERITY.

VAUGHAN'S
TRUE
STOCK.

NEW SURPRISE PEA

THE EARLIEST OF ALL THE
SWEET WRINKLED PEAS..

THIS remarkable new sort is a cross of Earliest of All and American Wonder, possessing the quality of the American Wonder and is as early as the Earliest of the hard Peas. The vines grow 24 inches high and need no bushing, the pods are well filled, containing 6 or 7 Peas. The Peas are not as large as those of the American Wonder but **Surprise** is a far better cropper and ready for market days before it. It was tested in the grounds of the "Rural New Yorker," and E. S. Carman wrote of it: "It is the earliest Pea we have ever tried." The editor of the "New England Farmer" writes: "Of 33 varieties on trial it was the first pick and the first to dry down." **SURPRISE** has the hardiness of Earliest of All. It is a far better Pea and cannot be recommended too highly. Another very important feature of **Surprise** Pea is the fact that it is ordinarily not subject to mildew, and can therefore be planted again in August for a late crop, a point which market gardeners and private planters will appreciate. **PRICE:** Pkt., 10c.; pt., 15c.; qt., 25c.; 2 qts., 45c.; ½ pk., 80c.; pk., \$1.50; bu., \$3.50. If by mail add at the rate of 15c per qt., for postage.

As Early as the
Earliest of the
Hard Round Peas.

PEAS—STANDARD VARIETIES

Each of the following, 10c. per large packet, postpaid. We furnish ½ pecks at peck rates, ½ bushels at bushel rates, except where marked. Those marked with (*) are wrinkled varieties. **OUR PEA PRICES** for packets only include postage, other prices are net. If to go by mail, add at the rate of 8c. per pint or 15 cents per quart for postage. "By freight or express" always means that the transportation charges are to be paid by the purchaser.

Extra Early Varieties.

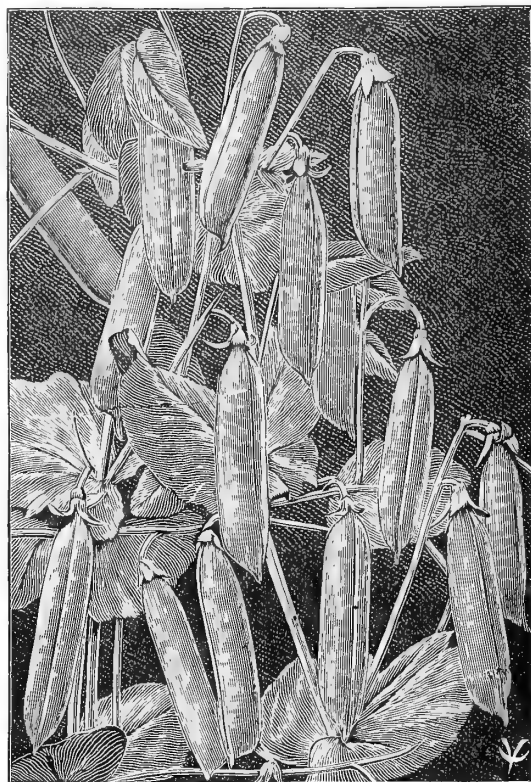
Height in inches.	Pt.	Qt.	2 qts.	Pk.	Bu.
26 MAUD S.....	\$0 15	\$0 25	\$0 40	\$1 15	\$4 00
28 Alaska, or Earliest of All.....	15	20	35	90	3 25
18 *Little Gem.....	15	30	55	1 60	6 00
16 *Extra Early Premium Gem.....	15	30	55	1 60	6 00
30 First and Best.....	12	20	35	1 00	3 50
12 Tom Thumb.....	15	25	45	1 35	5 25
9 *American Wonder.....	15	30	55	1 70	6 25
24 *Surprise.....	15	25	45	1 50	5 50
*Thomas Laxton, *English Wonder, *Sutton's Excelsior, see novelties.					
*Gradus or Prosperity.....	25	45	85	2 75	10 00

Second Early Sorts.

Height in inches.	Pt.	Qt.	2 qts.	Pk.	Bu.
24 *Yorkshire Hero.....	\$0 12	\$0 20	\$0 35	\$1 20	\$4 25
24 *Horsford's Market Garden.....	12	20	35	1 15	4 00
24 *McLean's Advancer.....	15	25	45	1 20	4 25
24 *Heroine.....	15	25	45	1 25	4 50
*Vaughan's Sweet Market.....	15	25	45	1 50	5 25
*Dwarf Telephone or Daisy, short crop.....	15	30	50	2 00	7 50

General Crop and Late Varieties.

	Pt.	Qt.	2 qts.	Pk.	Bu.
40 *TELEPHONE, selected stock.....	\$0 15	\$0 25	\$0 45	\$1 30	\$5 00
40 * " " Vaughan's Improved.....	15	25	45	1 50	5 50
36 Long Island Mammoth.....	12	20	35	1 20	4 75
20 *Pride of the Market.....	12	20	35	1 25	4 85
23 *Everbearing.....	12	20	35	1 10	4 00
42 *Champion of England.....	15	25	45	1 20	4 25
36 Black-Eyed Marrowfat.....	12	20	30	80	2 75
36 White Marrowfat.....	12	20	30	80	2 75
30 Dwarf Gray Sugar.....	20	35	60	2 00	.....
60 Melting Sugar and Tall Gray Sugar.....	20	35	60	2 00	.....
18 *Improved Stratagem.....	15	30	50	2 25	8 00



THE NEW SURPRISE PEA.
American Wonder.

Earliest Wrinkled Pea. This variety stands at the head of the list of peas in point of flavor and quality. It is a hybrid of fixed habit between the well known Champion of England and the Little Gem; it possesses the merits of both, with additional claims to notice. The vine grows ten or twelve inches high, and very prolific in pods of striking form and size. It is of finest flavor. In maturing it is among the first, being the first early of the wrinkled sorts. Peas planted in June matured in thirty-three days. It is particularly adapted to family use, as it requires no brush or other support. We have taken great pains in selecting and growing our stock and we know it to be pure and true. Dry peas are medium size, much wrinkled and pale green.

PEPPER.

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 very 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. **Lb., \$2.50; ¼ lb., 65c; oz., 30c; ½ oz., 15c; pkt., 10c.**

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. **Lb., \$2.10; ¼ lb., 60c; oz., 20c; ½ oz., 12c; pkt., 5c.**

Chinese Giant. Double the Size of "Ruby King." Not only is it early in ripening and productive 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., 35c; oz., 60c.**

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. **Oz., 25c; ½ oz., 15c; 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. **¼ lb., 75c; oz., 25c; ½ oz., 15c; pkt., 10c.**

Large Bell, or Bullnose. We have an extra choice stock of this old favorite sort. **Lb., \$2.00; ¼ lb., 60c; oz., 20c; ½ oz., 12c; pkt., 5c.**

Sweet Spanish (Monstrous.) 6 to 8 inches long and 2 to 3 inches thick, very sweet and mild. **Lb., \$2.00; ¼ lb., 60c; oz., 20c; ½ oz., 12c; pkt., 5c.**

Golden Dawn. **Lb., \$2.00; ¼ lb., 60c; oz., 20c; ½ oz., 12c; pkt., 5c.**

Red Cluster. Pungent. **Oz., 25c; pkt., 5c.**

Cayenne Long Red. The true Cayenne, hot and pungent. **Lb., \$2.50; ¼ lb., 75c; oz., 25c; ½ oz., 15c; pkt., 5c.**

Elephant's Trunk. Peppers from 8 to 12 inches long, bright scarlet, mild. **Oz., 30c; ½ oz., 15c; pkt., 5c.**

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.**

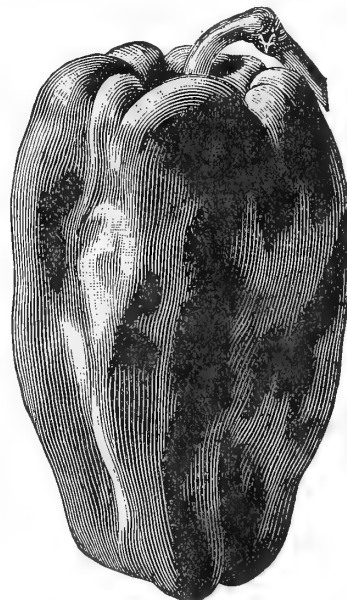
Fancy Wrinkled Sorts. Most distinct and ornamental, small-fruited varieties. About one inch long, and the same in diameter. Of beautiful coloring and pungent flavor. Highly desirable for mixed pickles. **Pkt., 10c; oz., 30c.**



VAUGHAN'S IMPROVED SWEET MOUNTAIN.

Celestial. Erect, bush growth, productive, conical fruit, stiffly upright, one and a quarter inches in height, of creamy tint, ripening scarlet. **Per pkt., 5c; oz., 25c; ¼ lb., 75c; per lb., \$2.50.**

Peppers, Mixed. Includes many new and odd sorts. **Pkt., 10c; 3 for 25c.**



RUBY KING.

CULTURE:—See "Vaughan's Vegetable Garden"—A copy Free to Buyers of Vaughan's Seeds.

Most distinct and ornamental, small-fruited varieties. About one inch long, and the same in diameter. Of beautiful coloring and pungent flavor. Highly desirable for mixed pickles. **Pkt., 10c; oz., 30c.**



Newer Sorts.

Early Wisconsin. A remarkably good yielding early potato; color is white. Its quality is its strong feature. It is the best yielding, fine quality, early potato we know.

We offered a small quantity of this potato last year. The purchasers have been very enthusiastic in its praise. Our supply is again limited.

Prices prepaid: 1 lb., 30c.; 3 lbs., 75c.; At buyer's expense: ½ pk., 35c.; pk., 60c.; ¼ bu., \$1.10; bushel, \$2.00.

Junior Pride. Resembles the White Triumph except it is entirely without the pink eye. It is the coming early market potato. The vines are medium small. Dies down early. Does not rust or blight. Fine yielder and keeper. Grown in large quantities now in Southeastern states where first introduced. A remarkably good yielder as well as keeper. We have only a small stock so order early.

Prices prepaid: 1 lb., 25c.; 3 lbs., 60c.; At buyer's expense, ½ pk., 30c.; pk., 45c.; ¼ bu., 80c., bu., \$1.50; bbl., \$3.75.

White Triumph. Resembles the Bliss Triumph in everything except color. In ripening the vines die quickly thus avoiding blight. It is a great Southern variety and earliest Northern market sort. Very superior cooking qualities. Fine for first early potato.

Prices prepaid: 1 lb. 25c.; 3 lbs., 60c.; at buyer's expense, ½ pk., 30c.; pk., 45c.; ¼ bu., 80c.; bu., \$1.50; bbl., \$3.75.

Years ago believing that the rich soil and short season of the Red River Valley of the North would produce a more vigorous and early seed potato than those grown further South, we started raising our potatoes in that country. The Red River seed potato is to-day the recognized highest standard throughout the South and West. Our growers are the old, experienced and careful men who have grown potatoes there for years.

Vaughan's New "White" Ohio.

White Ohio. Introduced six years ago by Vaughan's Seed Store has now become a standard variety. It is fully equal to Early Ohio. Where market demands a white potato it is without equal for an early. Finest eating potato we list. Prices prepaid: 1 lb., 25c.; 3 lbs., 60c. At buyer's expense, ½ pk., 30c.; pk., 45c.; ¼ bu., 80c., bu., \$1.50; bbl., \$3.75.

Humphrey's Concave

Potato Knife. The most useful and practical potato cutter. We own the patent. Each, 30c.; 3 for 75c., postpaid.

Leggett's Little Giant

Duster.



LITTLE GIANT DUSTER The best dry powder gun, can dust two rows at a

time. Each, \$5.00.

VAUGHAN'S WHITE OHIO

POTATOES

Red River Valley Grown

Our seed potatoes are true to name; carefully hand picked and sorted. We do not substitute. This is a good year to buy new seed stock. The season has been good and prices are low. Write for prices on large quantities.

The prices on our potatoes are f. o. b. Chicago. If to be shipped from New York, add 50c. per barrel and 20c. per bushel; peck and half-peck prices are the same.

New Late White "Nebraska."

This new late potato has attracted a great deal of attention for a number of years in Eastern Nebraska. A year ago in a very wet season when other potatoes in that locality rotted and failed this variety grew unharmed and bore a heavy crop. This year our crop in the Red River Valley in a dry season out-yielded Rural New Yorker and Carman No. 3. In shape the potato is somewhat flatter than the Rural; same color, a little better flavor. Has all the good qualities of the Rural besides being a better yielder and hardier. Mr. E. L. Coy, the well known producer of many varieties highly recommends this sort: F. A. Huebner another famous potato grower says "an extra good yielder and remarkable good quality." It should certainly be given a trial.

Prices prepaid; 1 lb., 45c.; 3 lbs., \$1.00. At buyer's expense. ½ pk., 50c.; pk., 90c.; ¼ bu., \$1.60; bushel, \$3.00.

Standard Kinds.

Vaughan's Improved Early Ohio. The Red River Ohios are now the standard of quality of this sort. We were the first to grow this variety in the Red River Valley many years ago and our stock is the very best obtainable.

Carman No. 3. A popular main crop variety. Our stock is fine this year.

Rural New Yorker. Standard White market potato. Known everywhere as "Dusty" Rural. Minnesota grown stock.

Acme. A profitable early potato. Belongs to Ohio type; however better yielder and earlier.

Hewes' Early. Resembles the Acme in bloom; Extremely early; stock very pure. Very fine market potato.

Enormous. Late potato. Vines very healthy, strong and tall. Potatoes large, oblong and smooth; eyes medium depth. Tested by Agricultural Colleges it averages to stand at the head in yielding.

King of Michigan. Raised by potato specialist Mr. Bovee. Tuber oblong, slightly flattened. Strong vine grower. Excellent yielder of superior quality. Favorite in Michigan growing districts.

Early Rose. True stock of Early Rose make it a desirable sort. Such is Northern grown seed.

Irish Cobbler. Fast becoming the most popular of the early varieties. Cream white color, vigorous grower. Quality excellent.

Variety.	Prepaid.			At Buyer's Expense.		
	Lb.	3 lbs.	¼ pk.	pk.	¼ bu.	bu.
Vaughan's Imp. Early Ohio...	\$0.20	\$0.50	\$0.25	\$0.40	\$0.75	\$1.40
Carman No. 3.....	.20	.50	.25	.40	.75	1.40
Rural New Yorker No. 2.....	.20	.50	.25	.40	.70	1.25
Acme.....	.20	.50	.25	.40	.75	1.40
Hewes' Seedling.....	.20	.50	.25	.40	.75	1.40
Enormous.....	.20	.50	.25	.40	.75	1.40
King of Michigan.....	.20	.50	.25	.40	.70	1.35
Early Rose.....	.20	.50	.25	.40	.75	1.40
Irish Cobbler.....	.25	.60	.30	.45	.80	1.50
Vaughan's White Ohio.....	.25	.60	.30	.45	.80	1.50
White Triumph (Pride of South).....	.25	.60	.30	.45	.80	1.50
Junior Pride.....	.30	.75	.35	.60	1.10	2.00
Early Wisconsin.....	.45	1.10	.50	.90	1.10	3.00
Nebraska.....						

The price on our potatoes are f. o. b. Chicago. If to be shipped from New York, add 50c. per barrel and 20c. per bushel; peck prices and half-peck prices are the same.

SUCCESSION COLLECTION. Early Ohio, Irish Cobbler, Carman No. 3. Price by express or freight ¼ pk., each 60c.; pk., each \$1.00; bu., each, \$3.75; bbl., each, \$10.00.

Sweet Potatoes.

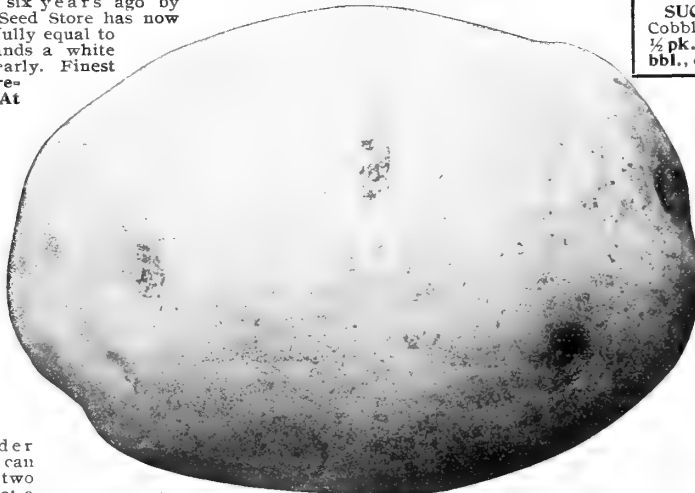
Prices subject to change. 3-bbl. lots, 25c., per bbl. less.

	¼ bu. boxed.	Bu. boxed.	Bbl.
Yellow.....	\$1.15	\$1.85	\$3.50
Red.....	1.35	2.25	4.25
The African Bunch Yam (Vineless).....	1.60	2.75	5.50

Hammond's Slug Shot.

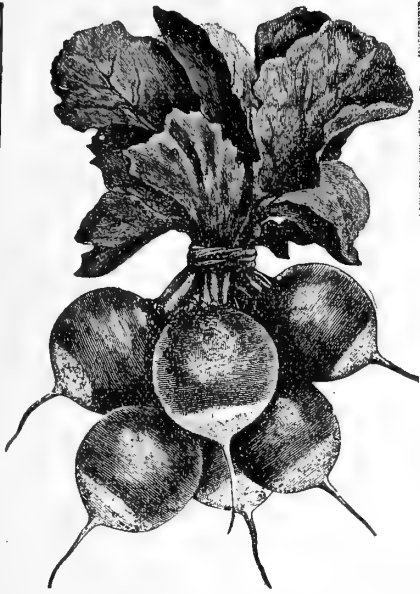
Destroys potato bugs. Price. 5 and 10 lb. packages, 6c. per lb., 25 to 50 lbs., at 4½c., per lb. By barrelful, in bulk, 235 lbs., \$9.00 on cars, 3 bbls., in bulk, at \$3.60 per 100 lbs.

For Auto Spray, Eclipse and Knapsack Sprayers, Dusters and Insecticides, including Slug Shot and Bug Death, see back of this Catalogue.



Vaughan's Radish

SCARLET GLOBE. Ordinary stock. (See novelties for our selected stock.) This seed is all right for outdoor planting, but has not the short tap root necessary for greenhouse growing as has our selected stock. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; ½ lb., 40c.; 1 lb., 60c.; 5 lbs., \$2.25; 10 lbs., \$4.00, by express.



SCARLET TURNIP, WHITE TIP.
The favorite in the Chicago market.

Scarlet Turnip, White Tip.

VAUGHAN'S SELECTED STOCK.

For outdoor sowing this is the most important sort in the Chicago market, thousands of pounds being annually used. Our stock of this is the best. Some years ago we secured stock seed of just the kind that was wanted by the most critical hotel and grocery trade, and had it grown for us, paying an extra price for special and critical selection. This seed is raised from transplanted roots, and is just right in color, size and shape. We have many customers who buy large lots of this, always asking for "as good seed as they had last year." Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; ½ lb., 40c.; 1 lb., 60c.; 5 lbs., \$2.00.

SCARLET TURNIP, WHITE TIP, Ordinary Stock, lb., 45c.; ½ lb., 15c.

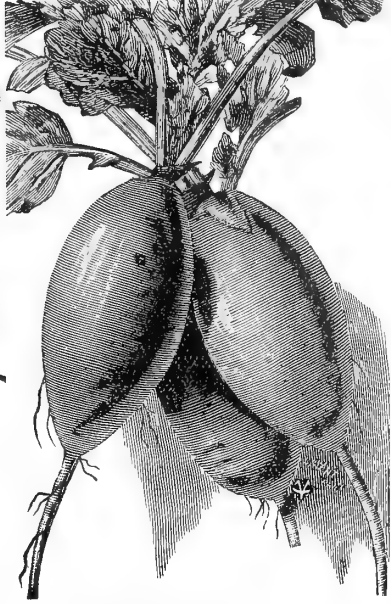
Vaughan's Early Scarlet Globe White Tip.

THE BEST AND QUICKEST OF THE WHITE TIPS.
An extremely quick growing sort; bright scarlet, with a white tip; short tops and thin tails; of excellent quality. Lb., 75c.; ¼ lb., 25c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.

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. Lb., 70c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

Earliest White Turnip. SHORT (White Box.) TOP. Of quick growth; roots round, pure white; tails very thin; leaves short, flavor excellent. Fine for forcing and open ground. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

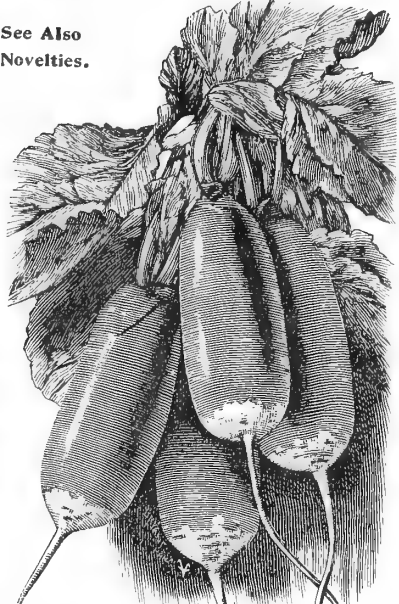
All Season Radish. Without doubt the finest of its class. It may be sown from Spring until Autumn, and the roots obtained from late sowings can be kept in storage for Winter consumption. As its name indicates, it is an all-season's sort and can be used in all stages, from the size of a marble until full grown. The root is round, of brilliant scarlet color, grows to a very large size and remains firm and brittle to the end. The best radish for all purposes. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; 1 lb., 65c.



See Also
Novelties.

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. Lb., 75c.; ¼ lb., 25c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.



DUNDEE, ILL. Enclosed you will find my order as usual, and M. O. to pay for same. This is 10 years I have bought from you and have not had a single failure. H. C. RICHARDS.

Improved Radish. 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. Lb., 65c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Vaughan's Earliest Carmine Turnip.

THE BEST AND QUICKEST EARLY SCARLET TURNIP RADISH.

Of extremely quick growth, maturing in about three weeks. Leaves very short, rendering them particularly adapted to forcing under glass; of superior flavor, crisp and tender; skin deep carmine red; very attractive. Also a splendid sort for the home garden. Lb., 75c.; ¼ lb., 25c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.

Short-Leaved Forcing Radish. An 18-Day Radish. The extra early forcing Radishes lately introduced are remarkable for the small size of their leaves; they develop their roots in so short a time that the latter are practically in advance of the leaves. This character is still more noticeable in this new variety. The seed leaves, which are large from the start, are the only green parts to be seen until the bulbs are almost large enough for pulling. Only at that time one or two short leaves are produced. The roots are of the shape and color of our "Twenty-Day" Radish. ¼ lb., 30c.; oz., 10c.; pkt., 5c.

Our Radish Seed is all raised from transplanted roots. These were selected on the following points: Earliness, uniformity of shape, size and color, with the thinnest kind of tap root. The quality is the best obtainable.

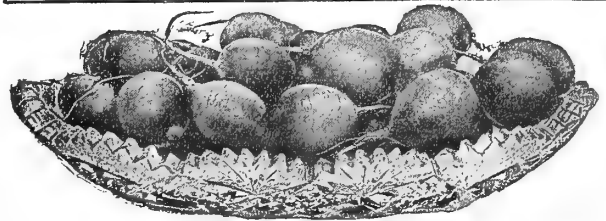
Seeds are Different From other merchandise, The real value of seeds can only be known after months of labor. Buy your seeds of a reliable seed house with a reputation back of it. Seeds of real merit must be grown and sold by practical, trained seedsmen, with a reputation made and to be maintained.



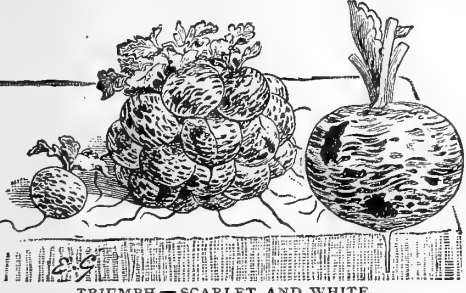
VAUGHAN'S EARLIEST CARMINE TURNIP.

Triumph.

This Radish is both unique and useful. It is very early, being a "Twenty-Day" Radish, of globular form and its tops are very short, which makes it valuable for cultivation under glass. The flesh is very crisp and solid. The ground color is pure white, striped horizontally with bright scarlet. It is very attractive on the table, and market gardeners will find ready sale for it. Lb., \$1.00; ¼ lb., 30c.; 2 oz., 20c.; oz., 15c.; pkt., 5c.



IMPROVED EARLY SCARLET GLOBE. (See Novelties.)



TRIUMPH - SCARLET AND WHITE.

OUR PRICES On pounds include postage. If sent "by express," customers paying charges, 10 cents may be deducted from the single pound rates.

RADISH

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.

The Cincinnati Market.

The tops of this new Radish are very small and may stand much closer in the rows than Wood's Early Frame or Long Scarlet, without danger of running to seed. They grow straight and smooth and from six to seven inches long. The flesh is very tender, crisp and delicious, never becoming pithy or hollow. The skin is very thin and is of an attractive, bright scarlet color. **Lb., 60c; ¼ lb., 20c; oz., 10c; pkt., 5c.**

Vaughan's Market.

The best early Long White Radish, exceedingly tender and fine flavored. Half-long white Radish resembling the Strassburg in size, but of quicker growth; very smooth and regular in appearance, with pure white skin and exceedingly delicate and brittle. **Lb., 75c; ¼ lb., 25c; oz., 10c; pkt., 5c.**

Brightest Long Scarlet, or Cardinal.

The handsomest and earliest Long Radish.

This sort resembles the Early Long Scarlet in shape and is fit for use in 25 days after sowing. Its color is the brightest scarlet we have ever seen in any radish; the tails are tipped white. This sort outsells any other long Radish put in competition with it on the market, and is an extra fine sort for the home garden; best quality. **Lb., 60c; ¼ lb., 20c; oz., 10c; pkt., 5c.**

Early Long Scarlet, Short Top.

The standard long variety for market and home garden. Roots long, growing partly above ground, straight, smooth, rich scarlet color; very crisp and a quick grower. Our seed is especially selected. **Lb., 60c; ¼ lb., 20c; oz., 10c; pkt., 5c.**

Long White Vienna.

One of the finest of long white Radishes.

Snow white, very brittle and crisp; of beautiful shape and rapid growth. **Lb., 60c; ¼ lb., 20c; oz., 10c; pkt., 5c.**



Half-long Black Winter.

An American sort of the same general character as the long black Spanish; but by many considered superior to either the Round or the Long Black Spanish. It is intermediate in shape between the two, and seems to combine the good qualities of both. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 60c.**

Osaka.

A new variety from Japan, growing to mammoth size of beautiful half-long shape, with pure white skin and flesh. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb. 90c.**

Rat-tailed Radish. The edible part is the seed vessel; eaten raw or pickled. Very agreeable pungent flavor. **Pkt., 5c.**

Rampion.

Try this Salad.

Raiponce, Repouche, Rapunzel Rube. Sow in the open ground early in May, either broadcast or in drills 10 inches apart. As the seed is very fine, it merely requires to be pressed firmly into the soil. Thin out the seedlings if they come out too thick, and water frequently during hot weather. The roots may be gathered for use from October onward throughout the Winter. The roots and leaves are excellent as salad. **Pkt., 10c; ½ oz., 15c; oz., 30c; 2 oz., 55c.**

Per packet 5c.; ounce, 10c.; for Any of the Following Radishes:

Ne Plus Ultra: Rich scarlet Turnip shape, good forcer.....	¼ lb.	Lb.	Golden Yellow Summer Turnip.....	¼ lb.	Lb.
Early Deep Scarlet Turnip. The old stand-by.....	\$0 20	\$0 55	Early Wood's Frame. A very good early long scarlet.....	\$0 15	\$0 55
Olive-Shaped Deep Scarlet. Similar to our "20-Day".....	15	55	Improved Chartier's. Long scarlet, with a white tip.....	15	50
Oval Yellow May.....	20	60	Long White Strassburg. Best market gardener's stock.....	20	55
Half-Long Deep Scarlet.....	15	50	California Mammoth White Winter.....	20	70
French Breakfast. Quick and handsome.....	15	55	Rose or Scarlet China Winter.....	20	60
Mixture of Turnip and Olive-Shaped Varieties.....	20	55	Long Black Spanish.....	20	60
Early White Stuttgart. We have an extra selected stock.....	20	55	Round Black Spanish.....	25	70
Yellow Summer Turnip.....	20	55	Chinese Mammoth, or Celestial.....	20	60
			Long White Spanish Winter.....	20	60



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. **Lb., 80c; ¼ lb., 25c; 2 oz., 15c; oz., 10c; pkt., 5c.**

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. **Lb., 75c; ¼ lb., 25c; 2 oz., 15c; oz., 10c; pkt., 5c.**

PUMPKIN

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, vigorous and wonderfully prolific. Fruits will average fifteen to twenty inches in diameter. Smooth, hard, reddish-orange skin, with rich orange-yellow flesh. **Lb., 40c; ¼ lb., 15c; oz., 10c; pkt., 5c.,** postpaid. By express, 30c; per lb., 10 lbs. or more, at 25c. per lb.

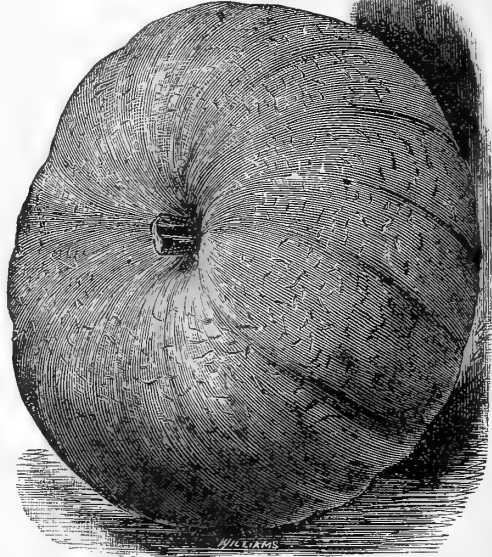
	Pkt.	Oz.	¼ Lb.	Lb.
Large Cheese.....	\$0 05	\$0 10	\$0 20	\$0 60
Japanese Pie—Crop failed.....				
Golden Oblong.....	05	10	25	80
Sweet Potato.....	05	10	25	75
Large Tours or Mam. French.....	05	10	25	70

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, almost as russeted as a potato. It is a good Winter keeper. **Lb., 75c; ¼ lb., 25c; 2 oz., 15c; oz., 10c; pkt., 5c.**

Mixed. All above varieties in one package, 10c.
Mixed, Largest Varieties. **Lb., \$1.00; ¼ lb., 30c; oz., 10c; pkt., 5c.**

HARRIS CO., TEXAS. I will say a word of praise for the Lettuce, California Cream Butter, of which I think every seed grower.
A. C. TENZLER.



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. **Lb., \$1.80; ¼ lb., 50c; 2 oz., 35c; oz., 20c; pkt., 10c.**

Vegetable Gardening

A MANUAL ON THE GROWING OF VEGETABLES For Home Use and Marketing By SAMUEL B. GREEN, Professor of Horticulture in the U. of M.

A \$1.25 BOOK FOR 65 Cents.

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. **Lb., 60c; ¼ lb., 20c; oz., 10c; pkt., 5c.**

HENRY CO., ILL. One word in favor of your New Wonder Bush Lima Bean. We had one packet planted. We never had anything better, so sweet, and a lovely green when cooked.—MRS. N. B. GOULD.

MERCER CO., OHIO. Every seed of a package of Early Flat Cabbage which you sent me in the Spring raised and made a nice head, very crisp and sweet, and I am very well pleased with it.—MRS. EDWARD KOCH.

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. Bound in linen, 40c.

Another Page of Little Known But USEFUL VEGETABLES.

Salsify or Oyster Plant.

Generally known as the Oyster Plant. We esteem this to be a much better root for table use than the Parsnip or Carrot. Some persons have been skeptical as to its possessing an oyster flavor, as it seldom attains true taste until, like the Parsnip, it has been well frosted. But if dug up during thaws in the Winter and early in the Spring and boiled like carrots or parsnips, or half boiled and grated fine, made into balls, dipped into a batter and fried like oysters, it is a very good substitute for the shell-fish itself.

Boiled Salsify, Escalloped Salsify, Fried Salsify and Salsify Soup are delightful dishes.

Sandwich Island Mammoth Salsify. Grows uniformly to an extra large size, averaging fully double the size and weight of the roots of the old variety. The roots, notwithstanding their size, are of superior quality and very delicate flavor. Lb., \$1.10; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

LONG WHITE SALSIFY. Lb., 80c.; ¼ lb., 25c.; oz., 10c.; pkt. 5c.
SCORZONERA. (Black Salsify.) Pkt., 5c.; oz., 15c.; ¼ lb., 45c.



SORREL.

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. Lb., \$1.25; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

How to Prepare

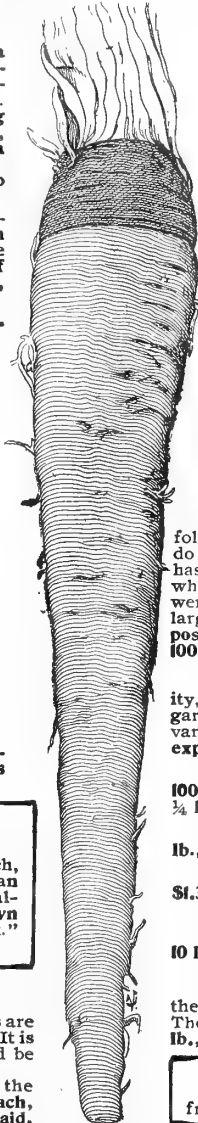
Sorrel Soup, Sorrel and Spinach Soup, Scorzonera, Baked Spinach, Fried Spinach, Ravioli of Spinach, Spinach Salad, French and German Boiled Spinach, Escalloped Salsify, Salsify Fritters, Fried Salsify, Salsify Soup and many other choice dishes from these "Little Known but Useful Vegetables," is told in "Vaughan's Vegetable Cook Book." For prices see top this page.

Mammoth Rhubarb

The most vigorous and productive variety known. The leaf stalks are numerous, the larger ones being 15 in. long and fully 1½ in. wide. It is the first article of the season from the garden, and no garden should be without it. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c., postpaid.

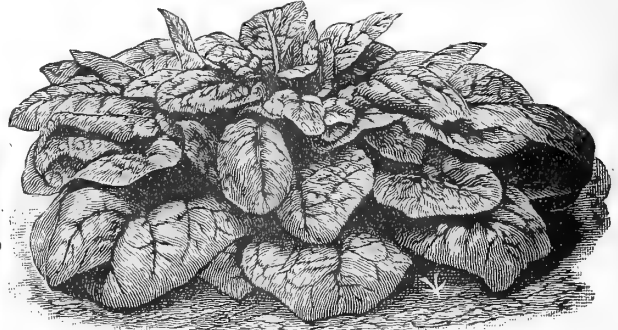
Rhubarb Roots. Set in Spring they will furnish leaf stalks the following season. Clumps, Doz., \$1.50; each, 15c.; not prepaid. Small roots, doz., \$1.00; each, 10c.; by mail postpaid.

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).



Mammoth Sandwich Island Salsify.

SPINACH.



Vaughan's Norfolk Savoy Spinach.

This is the variety so highly prized by the large planters about Norfolk, Va. The leaves, remarkably thick and blistered, extremely hardy, do not settle in the barrel in shipping as do the other varieties. No seed has caused planters more dissatisfaction than spurious varieties of this, whole crops having been plowed under or abandoned because they were not of the proper kind. Our strain has secured the trade of the largest and best growers in the country. Lb., 35c.; ¼ lb., 15c.; oz., 5c., postpaid. By express, lb., 25c.; 5 lbs., 95c.; 10 lbs., \$1.70; 25 lbs., \$4.00; 100 lbs., \$15.00.

Victoria. The foliage is heavy, the broad, dark green leaves being of the true Savoy appearance, and are of the finest quality, but the feature that makes it of special use for market and family gardens is that it is in prime condition from 2 to 3 weeks after all other varieties have run to seed. Lb., 30c.; ¼ lb., 12c.; oz., 5c., postpaid. By express, lb., 20c.; 5 lbs., 70c.; 10 lbs., \$1.25; 25 lbs., \$2.75; 100 lbs., \$10.00.

EXTRA LARGE, ROUND LEAF. Our stock is very fine and select. 100 lbs., \$12.00; 10 lbs., \$1.30; 5 lbs., 75c.; lb., 20c., by express. Lb., 30c.; ¼ lb., 12c.; oz., 5c., by mail.

PRICKLY SEEDED. Very hardy; good for Fall sowing. Lb., 40c.; ¼ lb., 15c.; oz., 5c., postpaid.

LONG STANDING. Slow going to seed. 100 lbs., \$12.00; 10 lbs., \$1.30, by express. Lb., 30c.; ¼ lb., 12c.; oz., 5c., postpaid.

Monstrous-Leaved Viroflay. Quick, strong growth; much used by New York truckers. 10 lbs., \$1.40, by express. Lb., 30c.; ¼ lb., 12c.; oz., 5c., postpaid.

New Zealand. This sort is grown to supply the place of the ordinary Spinach during the hottest months of the year, or in dry, arid localities, where the ordinary Spinach does badly. The leaves are eaten boiled like those of the other kinds. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

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

The best is the cheapest, therefore buy Vaughan's Seeds and be assured of a good garden and an abundant harvest before you sow a seed.

Swiss Chard.

Cut and Come Again Spinach. If you have room for but one vegetable in your garden, this is it. Far superior to the common Beet for greens and equal to Spinach. Sown early in the Spring, in rows 16 inches apart, and the seedlings afterward thinned out to 6 inches in the rows, it makes rapid growth of leaves, and is fit for use for greens sooner than any other variety. For Summer use it is superior to Spinach, because it can be cut throughout the entire Summer and Fall, when no Spinach is to be had. It is of almost the same flavor and it is much easier to wash and prepare for the table. Later the leaves grow very large, with broad, flat, beautifully white, wax-like stems and mid-ribs, which may be cooked like Asparagus or made into most attractive pickles. Our packages contain recipes for cooking the leaves and stalks. An ounce is sufficient for a medium sized family. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c. See also novelties.

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 Fall.

Rhubarb is a Money Crop.

The New Rhubarb Culture is a complete guide to Dark Forcing and Field Culture according to the most profitable method and in a clear, concise manner.

How to Make Baked Rhubarb, Bottled Rhubarb, Rhubarb Cobbler, Cream Rhubarb pie and Rhubarb Jam is described in Vaughan's Vegetable Cook Book. See upper left hand corner of page for price.



CUT AND COME AGAIN SPINACH

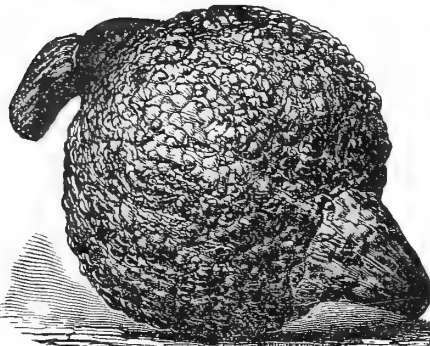
Every detail connected with the industry is fully described. The only complete, practical, scientific and up-to-date manual of this crop. 12 mo., 5x8 inches, 130 pages, cloth. Per copy 45c. (regular price 50c.)



VICTORIA RHUBARB.

SQUASH

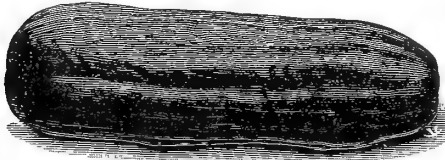
See also Novelties.



RED OR GOLDEN HUBBARD.

Red or Golden Hubbard.

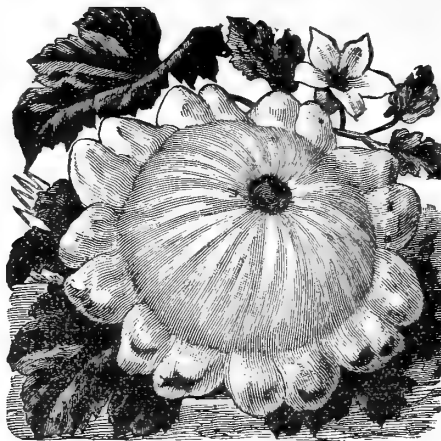
A perfect type of the Green Hubbard, except in color, which is a bright, deep orange-yellow, very showy and attractive. Flesh deep golden yellow, much richer in color than Hubbard, fine grained, cooks very dry, and is of excellent flavor. Its keeping qualities are fully equal to, while in productiveness it far excels the Green variety. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.



THE MICHIGAN.

The Michigan. This is an entirely distinct variety and belongs to the Summer and Fall Squashes. The Squash grows from 8 inches to 1 foot in length by a thickness of 3 to four inches. The seed cavity is very small, the flesh is extremely fine grain, of delicious flavor, lacking that decided squash flavor so prominent in most kinds. The exterior is very dark green, almost black, and the Squash averages from 2 to 3 pounds in weight. Our attention was called to this kind a few years ago when visiting New Haven, Conn., and we procured our stock seed from a local gardener, who had obtained as much as \$100.00 for 100 dozen Squash hauled into New Haven in one load. We recommend this variety very highly. Pkt., 10c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.25.

Faxon's Brazilian. It is remarkably prolific in habit; quality, dry and rich, without regard to the size, coloring or time of ripening of the fruit—something entirely different in this respect from any other Squash. Its valuable points are "earliness, long-keeping and high table qualities." We are recommending it to all for general use in the home garden. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.



Mammoth White Bush.

Our seed of this has been carefully selected by a reliable market gardener for a number of years. A very select and profitable strain for market. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Mammoth Golden Bush. Early, pale yellow, very handsome and uniform. Our strain of this is the best of all the very early squashes. Lb., 65c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

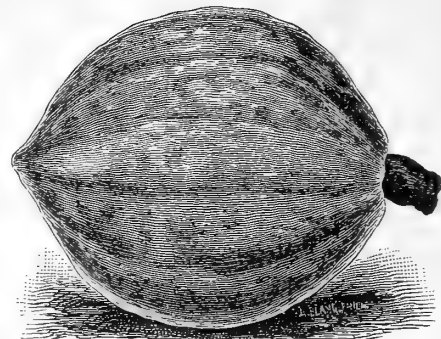
Vaughan's Giant Summer Crook-neck. Select stock. Our stock of this is as pure as we have seen, and the product is as near perfection as squashes can be. Lb., 65c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Giant White Summer Crookneck.

In size and shape it is similar to the old Summer Crookneck, but averages a little larger. The skin is a very beautiful ivory-white color. It makes one of the most attractive and beautiful of Summer vegetables and is the most tender and best flavored of Summer Squashes. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Fordhook. It ripens early and is one of the best keepers we know of. It can be kept all through the Winter until June. It is very prolific, and bug and borer proof. Lb., 90c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

Bush Fordhook. Like the original Fordhook Squash, this new Bush type is unequalled in quality and delicious sweetness by any other variety either for summer or winter use. The young, tender fruits can be sliced and fried or prepared as other early varieties for summer use, while the ripened fruits can be gathered just before frost and stored in a warm, dry place for winter. They will keep in fine condition until the new crop is ready. Pkt., 5c.; ½ oz., 10c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.25.



CHICAGO ORANGE MARROW SQUASH.

Chicago Orange Marrow.

It is at least ten days earlier than any other long-keeping sort. It grows as large as the Hubbard, and is of a good quality. It is in season from September to January, and is the most salable kind during that time in the market. This is owing to its smooth and handsome shape, good size and orange skin. We know that it will satisfy all. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c. By express, lb., 60c.; 5 lbs., \$2.80; 10 lbs., \$5.50.

The "Golden Bronze." The Squashes average from 8 to 10 lbs.; color, a dark grayish green, flesh bright golden yellow, fine grained, very sweet and of delicious flavor. Early in maturing, a splendid keeper and very uniform in size and shape. Lb., \$1.00; ¼ lb., 30c.; 2 ozs., 15c.; oz., 10c.; pkt., 5c.

Hard Shelled Marrow. The fruit is very large, oval, deep orange red color, and though quite smooth has a hard shell as the Hubbard. The flesh is very thick, rich orange-red color and has no equal for making pies, having a peculiar flavor and quality similar to, but much finer than that of the choicest pumpkin. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

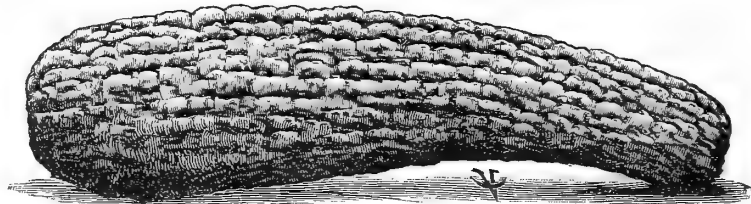
Boston Marrow. This is a widely popular Squash for Autumn and Winter use. Its color is a bright orange. Flesh yellow, rich and sweet. Form oval, the skin is thin, but it is a good keeper and unexcelled for pies. Lb., 80c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

Vegetable Marrow. See page 6.

Delicata. Orange-yellow, splashed and striped with very dark green. The quality is rich and dry, wonderfully solid and heavy. For private use particularly we can recommend this squash, as it far surpasses in richness of flavor any of the large sorts. Lb., 70c.; ¼ lb., 25c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.

Standard Sorts.

Essex Hybrid, Early White Bush, Marblehead, Early Yellow Bush, Summer Crookneck. Each pkt., 5c.; oz., 10c.; ¼ lb., 20c.; per lb., 65c.



"Straight-Neck" Summer Squash. Market gardeners who ship early Squash to distant markets, know the difficulty of packing the crook-necked variety in boxes to good advantage. In our "Straight-Neck" the bad feature of the crook has been overcome, and by continued selection the size has been increased, more uniformly in shape, improved quality. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

Chicago Wartyed Hubbard Squash.

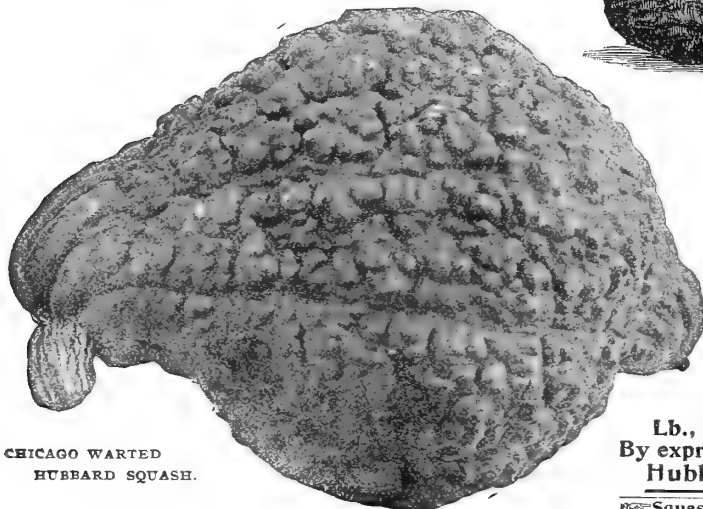
Our strain of the above will produce mainly the type shown in our photo-engraving, which we consider the ideal Hubbard for home or for market. For thirty or forty years this squash has ranked first for a Winter keeper. It is shipped thousands of miles in carload lots from west to east every year. With the growing of it in a large way, it was found that the largest, heaviest, dark, rough-skinned specimens are most valuable and most salable. Because of this our selection of Chicago Wartyed Hubbard has been made.

Lb., 80c.; ¼ lb., 25c.; 2 ozs., 15c.; oz., 10c.; pkt., 5c.; postpaid. By express, lb., 70c.; 5 lbs., \$3.25; 10 lbs., \$5.50.

Hubbard. An extra choice selection. None better in the market. Lb., 80c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.; 5 lbs., \$3.25.

Squash and Musk Melons are apt to develop smooth skinned fruit if planted too thick.

CHICAGO WARTED HUBBARD SQUASH.



VAUGHAN'S TOMATO SEED



DWARF CHAMPION.

Early Dwarf Champion or Tree Tomato.

A great favorite; its dwarf habit and upright tree-like growth permit close planting. Resembles the Acme, and is hard to beat for home use. Color, purplish pink; smooth and symmetrical; fine quality and solid meated. This is the kind gardeners should grow who sell tomato plants. Its stalky, tree-like growth makes most salable plants, outselling other kinds of lanky, scraggy growth. Lb., \$2.50; ¼ lb., 75c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.

TALL CHAMPION, See Novelties.

Dwarf Aristocrat: This is practically a red variety of the Dwarf Champion. In size, solidity, productiveness and flavor it is up to the best standard. It will be found good under glass and for early market out-of-doors. It may be planted 3x3 feet or even closer, making it suitable for small gardens. Lb., \$2.75; ¼ lb., 75c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.

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. Lb., \$2.25; ¼ lb., 70c.; 2 oz., 35c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

Perfection. Solid flesh, always smooth and of blood-red color. This is a general favorite, equally desirable for the home garden, for shipping and for canning. We have an exceptionally choice stock of this sort. Lb., \$2.25; ¼ lb., 70c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

Vaughan's Earliest of All.

Of medium size only and is somewhat wrinkled, hence cannot be planted largely for market, as it will not sell with main crop varieties when they come; but it certainly should be used in a small way by every planter for a first early. ¼ lb., 95c.; oz., 30c.; ½ oz., 15c.; pkt., 10c.

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. Lb., \$3.50; ¼ lb., \$1.00; oz., 30c.; ½ oz., 15c.; pkt., 5c.

Imperial. This Tomato is one of the earliest, smoothest and most productive sorts. The fruit is large, smooth and solid. It not only produces very early fruits, but it will hold out through the season until late in fall. It is also a splendid keeper. In color it is between the Dwarf Champion and the Beauty. Gardeners should plant this, as it is undoubtedly one of the best early Tomatoes. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

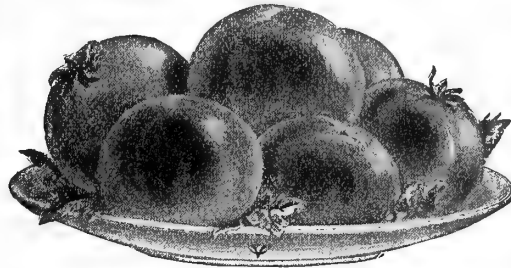
The Enormous.

The fruit grows very large and very smooth, with solid meat and few seeds. It is oval in shape rather than round, like "Stone." It is very solid for so large a Tomato, and keeps well on vine after ripening; has rather few seeds and ripens with the common varieties and ripens all over and through at one time. The color is clear, deep red, without purple tint or shading. It is the largest of all Tomatoes, the hardiest, and one of the best keepers and shippers. On account of its peculiar growth of having one very strong main vine it is well adapted to growing to single stem. Lb., \$3.25; ¼ lb., 90c.; 2 ozs., 50c.; oz., 30c.; ½ oz., 15c.; pkt., 10c.

2 Grand Forcing Tomatoes.

Sutton's Best of All. One of the very best for under glass culture. It sets very freely 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 the fruit very solid and producing very little seed. Pkt., 10c.; ½ oz., 25c.; oz., 50c.

Frogmore Selected Forcing. A free cropping, 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.



Cream City.

The First Large Tomato to Ripen.

Remarkably prolific; flesh thick and solid. In this new tomato we have a variety of exceptional merit, coming into use about a week earlier than Acme. It is perfectly smooth and always round, and as large as Perfection. The plants are strong and vigorous, bearing an abundance of large, smooth fruit of a beautiful purplish crimson color, similar to Acme. The flesh is remarkably thick, firm and solid, and of very fine quality, with very few seeds. It is an excellent shipper. Does not crack or rot, as is the case with many of the old sorts. The Cream City is the most profitable tomato for the market gardener and trucker, and is unsurpassed for canning purposes. Pkt., 10c.; ½ oz., 15c.; 1 oz., 25c.; 2 ozs.; 40c.; ¼ lb., 75c.; lb., \$2.50.



Acme Vaughan's Selected Stock.

One of the most popular kinds on our list, giving entire satisfaction. A favorite everywhere; large, round; smooth; slight purple tint; one of the best. Our seed has been grown with particular care and we know there is none better. Lb., \$2.25; ¼ lb., 70c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

"Magnus."

This new variety, of the color of Acme, is thicker, heavier, and more solid than it. While perfectly adapted to main crop planting, yet it matures so quickly that it will take first rank for early market. It is a robust grower, with short joints, setting its fruit clusters closer together than most varieties and is therefore a heavy cropper. The fruits are very deep from stem to blossom end, many of them being almost globe shaped. It ripens evenly, does not crack about the stem, and the flavor is most desirable. It has been tested for several years for staking up in the open field, as well as for forcing in greenhouses, and it is splendidly adapted to such purposes. Lb., \$2.50; ¼ lb., 75c.; 2 oz., 40c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.



SUTTON'S BEST OF ALL.

Earliana.

The Earliest Large Smooth Red Tomato.

This Tomato is not only remarkable for its earliness, but for its very large size, handsome shape and bright red color. Its solidity and fine quality are quite equal to the best medium and late sorts. From less than 4,000 hills the originator realized from his first pickings \$725.00 clear of freight and commission, being in the market fully a week before all others. Lb., \$4.00; ¼ lb., \$1.15; oz., 35c.; pkt., 10c.

Early Michigan.

There is no better variety than this for the general market or family use. For smoothness and regularity of shape, uniformity of size, color and freedom from rot or cracking, this variety is unsurpassed. Its first fruits are very early, but the vines continue to bear for a long time. Vines large, with large, dark green leaves, vigorous and wonderfully productive, being under high culture: one of the heaviest croppers; fruit medium size to large, and unlike most varieties, grows larger as the season advances; perfectly smooth; solid, but without any core; deep, rich, red color, and of excellent flavor. This kind is admirably adapted to canners' use. Lb., \$2.60; ¼ lb., 75c.; 2 ozs., 45c.; oz., 25c.; pkt., 10c.

Honor Bright. The best for and distant markets. An enormous bearer of uniformly good fruit. This, when allowed to ripen on the vine, is of excellent quality, and when ripened off the vine, while in transit to some distant market, or on the shelves in the house, after frost has killed vines, is of better quality than that of most kinds so ripened. Lb., \$2.75; ¼ lb., 75c.; 2 oz., 40c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.



TOMATO—Continued.

The New Stone.

VAUGHAN'S IMPROVED STRAIN.

The Tomato for a Main Crop. Choicest seed. We call this the king of the Livingston kinds, which are the best types of large, smooth, solid "beefy" tomatoes. If asked to select one main crop, market sort, we advise this. Color fine scarlet, stem (calyx) set high, core small and shallow, so that but little is lost when it is taken out of the fruit before slicing. We want to make what we say of this kind definite, because there are very many good kinds, and a long list is confusing. If in doubt, buy the New Stone for market, or home use for that matter. **Lb., \$2.10; ¼ lb., 65c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.**

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, fruits frequently attain a weight of one pound or more. **Pkt., 10c.; ½ oz., 20c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.50.**

Small-Fruited Tomatoes.

The fruits 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., \$2.50.**

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., \$2.50.**

Red Pear-Shaped. This is a leading favorite for preserves, and also for "tomato figs." The fruit is bright red, of true pear shape, and of rich distinct flavor. The larger plum-shaped red tomato, often sold under the same name, is not nearly equal to the true variety. **Pkt., 5c.; oz., 25c.; ¼ lb., 75c.**

Red Cherry. Little fruits of a bright scarlet color. **Pkt., 5c.; oz., 25c.; ¼ lb., 75c.**

Strawberry, or Husk Tomato. See illustration to left, which is full natural size. 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 preserving or making pies. They are also excellent to eat raw as fruit. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.**

Well-Known Standard Varieties.

Per Pkt., 5c. of any of the following:

	½ oz.	1 oz.	¼ lb.	1 lb.
The New Globe. See <i>Novelties</i>				
Favorite. Large, early, smooth.....	\$0.12	\$0.20	\$0.60	\$2.25
Golden Queen. Rich deep yellow.....	.12	.20	.60	2.00
"Dwarf" Stone. See <i>Novelties</i>				
Trophy. The old favorite.....	.12	.20	.60	2.25
Vaughan's Model. See <i>Novelties</i>				
Early Freedom. As early as Atlantic Prize.....	.12	.20	.60	2.25
The Lorillard, for forcing.....	.15	.25	.85	.....

The Two Peach Tomatoes.

The fruit is of uniform size, resembling a peach in shape, size and color, one of which is a deep rose blended 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, oz., 35c.; ½ oz., 20c.; pkt., 10c.; both kinds mixed, pkt., 10c.; 3 for 20c.

Turnip.

White Milan. The Earliest of All.

Among the finer Turnips we know this takes the first rank by its unexcelled earliness and its beautiful shape. It is so smooth and neat as to look polished by hand, and the scant, short (entire) foliage forms a becoming ornament to the fine root. **Lb., 85c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.**

Purple Top Milan. Earliest variety after the Red Top type. Color, white; purplish-white top. **Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.**

Early Purple Top, Strap Leaved. This is an early variety 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. **Lb., 40c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c., postpaid. By express, lb., 30c.; 5 lbs., \$1.35; 10 lbs., \$2.50.**

Purple Top White Globe. A variety which originated from the purple top, flat Turnip. It is globular and nearly as large as the Pomeranian White Globe, of beautiful appearance, of most excellent quality, and equally desirable for table or stock. It keeps well and is a fine market sort. **Lb., 50c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c., postpaid. By express, lb., 40c.; 5 lbs., \$1.85; 10 lbs., \$3.65.**

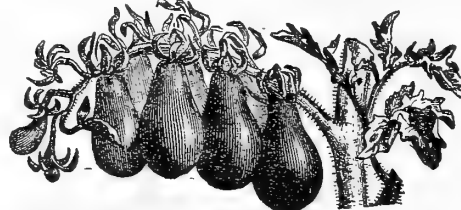
Rutabaga or Swede.

Hurst's Monarch.

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 make it very nutritious to cattle. **Lb., 50c., ¼ lb., 20c.; oz., 10c.; pkt., 5c.**

Vaughan's Improved.

From selected stock of a purple-topped variety of the largest size, best shape, with small neck and smooth skin; good cropper and keeper. **Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.** By express, 5 lbs., \$1.60.
Laing's. Lb., 50c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.
Carter's Imperial. Lb., 50c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.
Skirving's. Lb., 50c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.
Breadstone. Lb., 65c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.



PEAR-SHAPED TOMATO.

Rhode Island Rock.

The Wonderful Keeping Turnip.

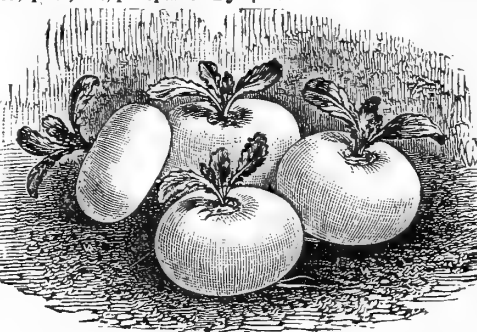
In this new variety we have a great improvement on the White French Turnip, made after years of selection by a Rhode Island market gardener. It is fully three weeks earlier than any other turnip of its class, and can be planted later to follow such crops as peas, corn, beets, etc. It is very hard and solid, flesh pure white, fine-grained, brittle and sweet. Its crowning point, however, is its wonderful keeping qualities, excelling all other turnips in this respect. **Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.**

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. **Lb., 45c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.**

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. **Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.**

Cow Horn or Long White. This variety is pure white, except a little shade of green at the top, and is carrot-like in form, growing nearly half out of the ground and generally slightly crooked. It is delicate and well flavored, of very rapid growth, and has obtained considerable favor as a market sort for Fall and early Winter use. **Lb., 55c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.**

Early Snowball. Small, rapid grower; pure white. **Lb., 50c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.**



WHITE MILAN—THE EARLIEST OF ALL.

White Norfolk. Globular, late, solid. **Lb., 45c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.**
Yellow Aberdeen. Lb., 45c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.
Pomeranian White Globe. Lb., 45c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.
Golden Ball, or Orange Jelly. Lb., 45c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.
Large Yellow, or Amber Globe. Lb., 45c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.
Sweet German. Lb., 45c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

SEED CORN

Vaughan's Pedigree

We are offering this year a line of Seed Corn unsurpassed by any house in the United States. For both north and south our corns are the best in their class. We originated the selling by catalogue of Seed Corn on the ear, in Illinois, 20 years ago. We are offering several kinds in this way. Our corn is all well matured and carefully dried. We test our stocks of corn every few weeks for germination. Early Corn is scarce again this year and should be ordered at once. Prices include bags. Add 20 cents per bushel to these prices if ordered from our New York Store.

GOLDEN SURPRISE CORN. Business men are constantly on the lookout to increase their net profits by eliminating waste. Here we have a corn, bred with the idea of economy in mind. By long and careful selection we now have an extremely small cobbled, deep kerneled, even sized from tip to butt corn. All the essential points of value to the farmer are still maintained. Beauty—it has a smooth ear with rich golden color. Can be relied on throughout all Corn belts south of a line drawn from Cleveland, Ohio, to Peoria, Ill. Convenient—has a short, strong growth, ears easy to break off. Fodder—broad, closely set leaves, make it a desirable fodder corn. Price, ½ peck, 35c.; peck, 60c.; bu., \$2.00; 3 bu. lots, \$5.75. Postpaid, pkt., 10c.; pt., 25c.; qt., 35c.

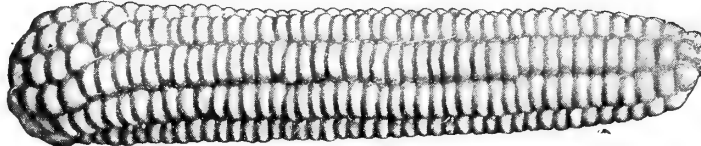
WISCONSIN YELLOW DENT. This is the best Dent of its color for the south half of Wisconsin and similar Corn belts. It has been carefully grown and has as deep a grain and as large a percentage of grain to cob as is possible for such an early sort; red cob; color bright yellow. Average weight of ears about 9 and 10 ounces, with 16 to 20 rows. Length of ears, 7½ in. Price, shelled, per bu., \$2.00; 3 bu., \$5.75; peck, 60c.; ½ peck 35c. Postpaid, pkt., 10c.; pint, 25c., qt., 35c.

“MADISON” EARLY YELLOW DENT. As early as Pride of the North, and a larger ear. A most careful selection grown many years in Wisconsin. It is one of the best we have for a corn belt 80 miles wide between Chicago and Milwaukee and west or east and a fine extra early for more southern locations. Price for fine dry ears, peck, 75c.; bush, \$2.50; 3 bu., \$7.00.

PRIDE OF THE NORTH. (See illustration.) Earliest Yellow Dent of good size. Will make a first-class crop of Corn farther north than any other Dent. Can be used in middle sections successfully for late crop. Will mature in 90 days of Corn weather. Originated in extreme northern Iowa. Often yields two good ears. Its deep grain and small cob make it really a heavy yielder. Price, per 3 bu. lots, \$5.75; bu., \$2.00; peck, 60c. Postpaid, pkt., 10c.; pt., 25c.; qt., 35c.

EARLY YELLOW DENT, “LONGFELLOW.” We have long had a Longfellow Flint variety, but in this new early we offer a true Dent with ears 12 in. long. It is nearly as early as Pride of the North, but is double the size and makes a larger yield. Grains not very deep, but ears handsome and sells well from wagon on the market. Excellent for Northern Illinois, Northern Iowa, and similar Corn belts. Price, ½ peck, 35c.; peck, 60c.; bu., \$2.00; 3 bu., \$5.75; Postpaid, large pkt., 10c.; pint, 25c.; qt., 45c.

MASTODON DENT. It is one of the largest of the Early Dent Corns, is also very even in type, deep grained and a remarkable yielder. Has been improved in earliness so that it now ripens in about 110 days of good corn weather. Price, pkt., 10c.; pt., 20c.; qt., 30c., postpaid, ½ peck, 35c.; peck, 55c.; bu., \$1.75; 3 bu., lots, \$5.00.



RHODE ISLAND WHITE CAP FLINT.

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, bu., \$1.85; peck, 55c.; qt., 35c.; pint, 25c.; pkt., 10c.

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; 3 bu., \$5.75. Postpaid, large pkt., 10c.; pint, 25c.; qt., 35c.

GOLDEN DEW-DROP. A handsome, bright, yellow, 8-rowed Flint. Price, shelled, large pkt., 10c.; pint, 25c.; qt., 35c., postpaid. Peck, 60c.; bu., \$2.00; 3 bu., \$5.75.

KING PHILIP. (Reddish Flint.) Price, shelled, pkt., 10c.; pint, 25c.; qt., 35c.; postpaid, peck, 60c.; bu., \$2.00.

WILL'S JEHU 70-DAY. This is probably the earliest valuable Yellow Flint Corn we have. It has won first premium in Dakota for best Yellow for that climate. Pkt., 10c.; pint 25c.; qt., 40c.; postpaid. By exp. ½-peck, 45c.; peck, 75c.; bu., \$2.50; 3 bu., \$7.00.

LONGFELLOW FLINT. A beautiful 8-rowed Yellow Flint. Ears from 10 to 15 inches long; very prolific. Price, shelled, large pkt., 10c.; pint, 25c.; qt., 35c., postpaid. Peck, 65c.; bu., \$2.25.

POP CORN.

Selected Ears for Seed.

Price for 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.

Maple Dale Prolific. A great yielder. It pops pure white.

Queen's Golden. It pops perfectly white, and a single kernel will expand nearly one inch.

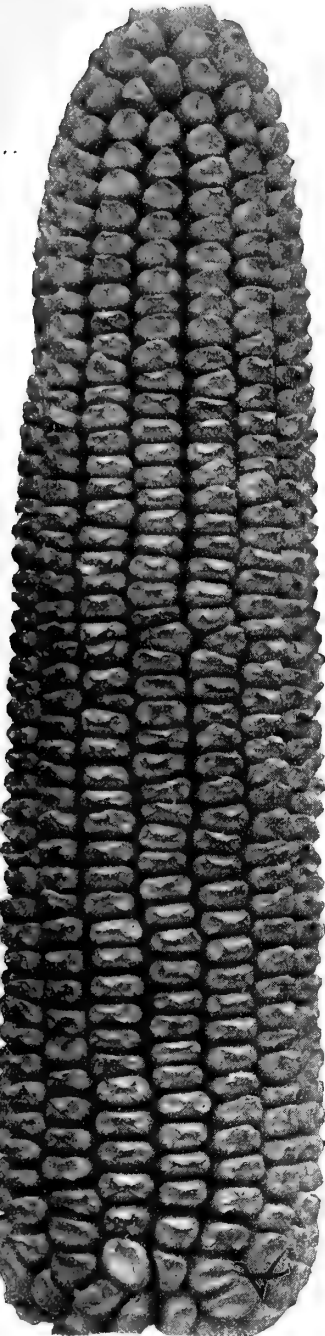
Our retail "Counter Trade" at Chicago and New York is of the greatest advantage to thousands of callers who thereby have opportunity to ask a word of advice as to best kinds and quantities for their special needs, as well as planting details. We have experienced salesmen who are glad to advise and suggest. It is in this way that Vaughan's Seed Store gives great and helpful service to the garden loving public over the so-called "Mail order Houses."

Cook Co., November, 1904.

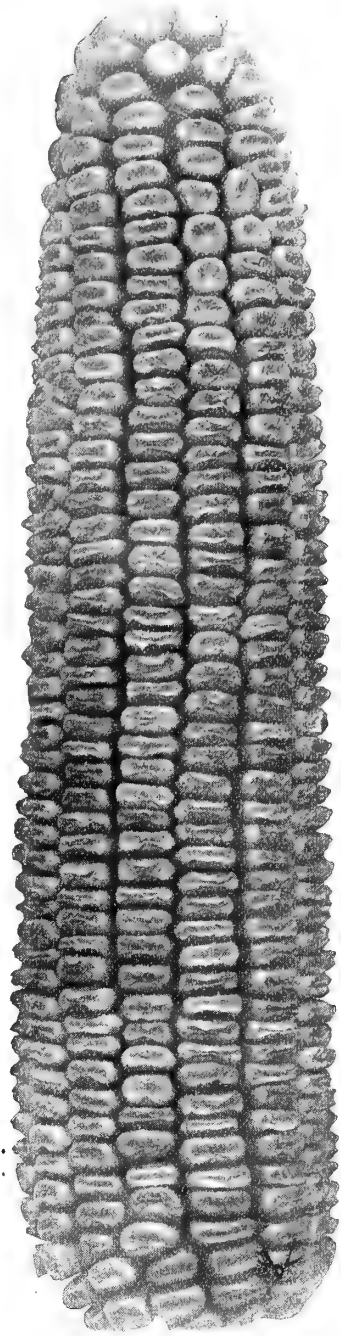
Our crop of Legal Tender Corn seed purchased from you, on heavily fertilized land went over 100 bushels to the acre—a record for this county, we think.

LEESLEY BROS.

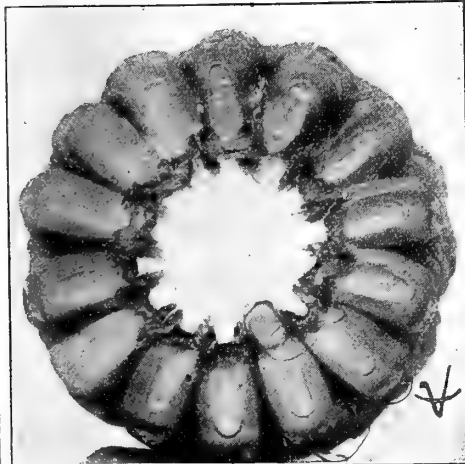
If you need a larger quantity of any of these Corns, write us for lowest prices.



GOLDEN SURPRISE

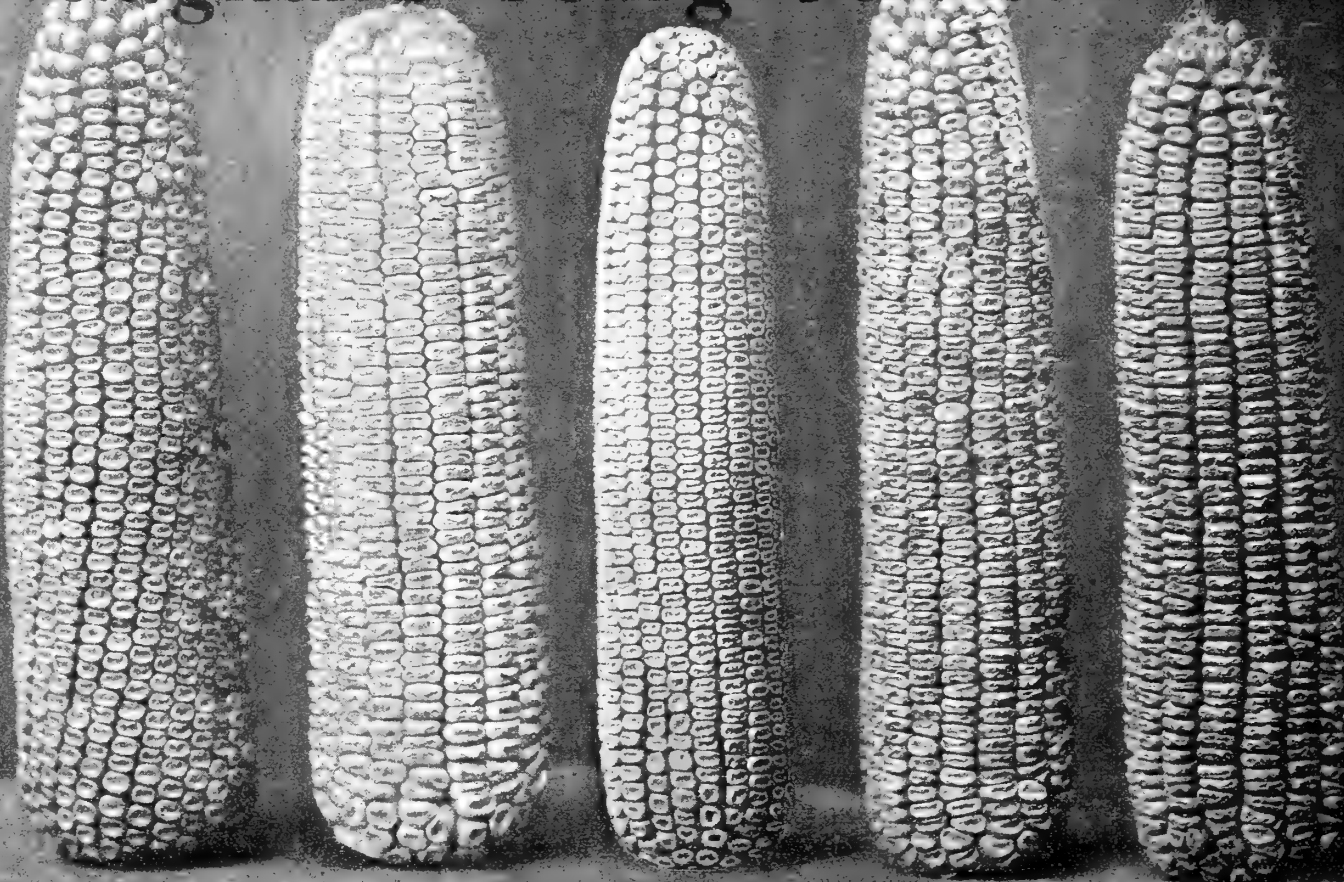


PRIDE OF THE NORTH.



GOLDEN SURPRISE.

Vaughan's Pedigree Seed Corn



LEAMING

SILVER MINE

REID'S YELLOW DENT

CALICO

GOLD MINE

REID'S YELLOW DENT. (See illustration). The great prize-winning Show Corn. Brought to Illinois in 1846 from Ohio. Now the most popular and most uniformly distinct type of Yellow Dent for Northern Central Illinois (in fact for the whole State), and similar Corn belts. 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 in. long 7 in. around, 18 to 24 rows with narrow space between rows; deep grains with small cob well filled at butt and tip. We offer a very choice selection of seed grown from pedigree seed selections for years—our stock. It has won first prizes at Springfield and Peoria in competition. Our crates of selected ears cannot be beaten anywhere. Price, $\frac{1}{2}$ peck, 50c.; peck, 50c.; bu., \$1.50; 3 bu. lots, \$4.25; 10 bu. lots, \$13.50. Postpaid, large pkt., 10c.; pt., 20c.; qt., 30c. Selected ears, bushel crate, \$2.00, three for \$5.25.

GOLD MINE. (See illustration). Now a standard yellow for central Corn belts. We have a very choice stock of this in fine order and suitable as to maturity all through Central Illinois, Iowa, and like sections, say as far north as Dixon and Cedar Rapids. Price, peck, 55c.; bu., \$1.75; 3 bu. lots, \$8.25. Postpaid, pkt., 10c.; pint, 20c.; quart, 30c.

LEGAL TENDER. One of the best late varieties of Yellow Dent Corn. It has been carefully selected, is a good yielder, and has been improved in earliness. The ears are large, uniform in size throughout the length, deep grains and small cob. It matures in about 110 days of good Corn weather. Price, peck, 55c.; bu., \$1.75; 3 bu. lots, \$5.00. Postpaid, pkt., 10c.; pint, 20c.; quart, 30c.

LEAMING. (See illustration). A very popular large yellow Dent variety. The ears are 9 to 11 inches, and nearly always two good ones to each stalk. Averages about twenty rows, has a deep kernel with small red cob. It is the ideal feeder's Corn. Ripens in 100 to 110 days of good Corn weather. Price, peck, 55c.; bu., \$1.75; 3 bu. lots, \$5.00. Postpaid, large pkt., 10c.; pint, 20c.; quart, 30c.

SILVER MINE. (See illustration). In this we offer one of the best standard White Corns in existence, surpassing in yield most kinds; it is claimed to have produced 215 bushels per acre; it will mature in a fair season as far north as Dubuque, Iowa. It has shelled 64 lbs. of Corn to 6 lbs. of cobs. Customers who are looking for a big yield will do well to put in a good acreage of Silver Mine. We have a fine supply of prize seed at right prices. Price, peck, 55c.; bu., \$1.75; 3 bu. lots, \$5.00; 10 bu. lots, \$16.00; pkt., 10c.; pint, 20c.; quart, 30c.

IMPROVED CALICO (Hybrid). This is a great feeder's Corn. Ears of medium size, varying in color from a dapple yellow to a deep red. The kernels are broad, thick and deep; the cob is small. Matures in 110 to 115 days; abundant foliage, medium height. Price $\frac{1}{2}$ peck, 35c.; peck, 60c.; bu., \$2.00; 3 bu., \$5.75. Postpaid, pkt., 10c.; pint, 25c.; qt., 35c.

BOONE COUNTY WHITE. This is the best type of white corn for the central corn belts, always a prize winner at the Fairs and we have the prize winning stock. Medium to late maturing, 110 to 115 days. This is a highly bred corn of extra large size and fairly early. We have it only on the ear. Price per bu. crate, \$2.00; 3 bu., \$5.75.

KING OF ILLINOIS. A bright, yellow Dent, grown and carefully selected 13 years in South Central Illinois. A cross between Leaming and an earlier variety. The ears average 10 to 11 in. in length with 20 rows, a very deep grain and dark cob. The rows are straight and the ear even in size almost to the tip. Has taken the first prize every time in its own county and four times in the State. Corn is King of Illinois and this is King of Southern Illinois Corns. Matures in 100 to 110 days good Corn weather. Price, peck, 55c.; bu., \$1.85; 3 bu. lots, \$5.25. Postpaid, large pkt., 10c.; pint, 20c.; quart, 30c.

HICKORY KING CORN. Has the smallest cob and largest grains white. It will shell more and weigh more to a given measure, make more ears to a stalk, and bear planting closer than any other field variety of White Corn in the world. It is suitable for corn belts parallel with Central Illinois and South. Shells and husks easily and makes as much fodder to the acre as other kinds. Unusually productive. Pkt., 10c.; pt., 20c.; qt., 35c.; postpaid. Peck, 55c.; bu., \$1.75; 3 bu., \$5.00.

FODDER CORN. Bags, 20 cents 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. A great favorite with dairy farmers. Also excellent for soiling. Can be planted as other Corn or sown thickly in drills or broadcast. Sow $\frac{1}{2}$ bushel per acre in drills; 1 to $\frac{1}{2}$ bushels broadcast. Peck 50c.; bu., \$1.75; 5 bu., \$8.25.

VIRGINIA MAMMOTH WHITE HORSE TOOTH. Well known everywhere. Peck, 45c.; bu., \$1.55; 5 bu., \$6.35.

"RED COB" ENSILAGE OR FODDER. This selection has a great reputation for this purpose. It has a deep red cob, strong, leafy stalks and short joints. Adapted to all sections of the country and a general favorite with thousands of dairy farmers. Peck, 40c.; bu., \$1.15; 5 bu., \$5.35

Mittheilungen in "Deutscher Sprache" werden auf's hoeflichste erwiedert und Bestellungen sorgfaeltig und in prompter weise ausgefuehrt. If you need larger quantities, ask for prices.

Send in your orders early, which will be as well for you and better for us. Be sure in every letter to give your name, post-office and state.

V AUGHAN'S FLOWER SEED NOVELTIES and SPECIALTIES for 1905

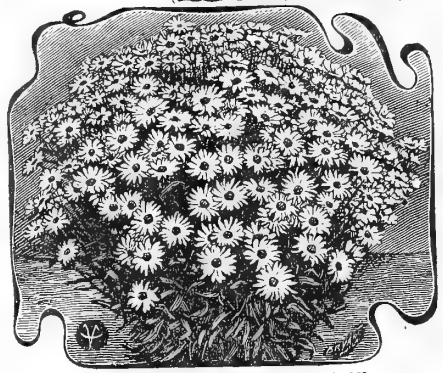


Improved Shasta Daisy Seed Burbank's 1904 Selection

Fluted, quilled, curled, fringed, lacinated, semi-double, pure white and lemon yellow, select varieties. The very cream of the whole Shasta Daisy collection, New types offered for the first time.

582. The seed we offer is Mr. Burbank's own selection. Shasta Daisies can be grown out of doors by everybody where it is not cold enough to kill oak trees. They are perennial, blooming better and more abundantly each season. They can be multiplied rapidly by simple division and they are not particular as to soil. They bloom for several months—in California nearly all the year. The flowers are very large and graceful—averaging about four inches often more, in diameter, with three or more rows of petals of the purest whiteness, on single, strong, stiff, wiry stems, nearly 2 feet in length.

Pkt. (50 seeds) 35c.; 100 seeds, 60c.
583. Shasta Daisy. Regular stock. Pkt. (100 seeds) 10c.; 1-16 oz., 40c.



IMPROVED SHASTA DAISY

Early Flowering Perennial Pinks

Dianthus plumarius nanus fl. pl.
634. Of easiest culture, these new early-flowering hardy grass or clove Pinks will soon be found in every yard. The plants grow in compact bushes about 12 inches high, 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 their odor delightful. Plants can be lifted and potted when in full bloom without injury. **Pkt., 10c.; 3 for 25c.**

New Pink "Wonderful"

Dianthus laciniatus mirabilis.
633. This remarkable and perfectly distinct new strain of annual Pinks originated in Japan. The plants grow from 12 to 15 inches in height and 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 2/3 or nearly 3/4 their length. The fringes are turned and twisted in all directions, presenting by their wonderful forms an admirable aspect. Its colors are much varied. There are all shades, from pure white and white with pink or red zones to rose and deep purplish red; even striped flowers and such markings as those of the D. Heddewigii Eastern Queen are included. They furnish an excellent material for bouquets. Useful either in beds by themselves or in mixed flower borders. A splendid novelty. Blooms all summer. **Pkt., 15c.**



NEW PINK "WONDERFUL"

nearly 3/4 their length. The fringes are turned and twisted in all directions, presenting by their wonderful forms an admirable aspect. Its colors are much varied. There are all shades, from pure white and white with pink or red zones to rose and deep purplish red; even striped flowers and such markings as those of the D. Heddewigii Eastern Queen are included. They furnish an excellent material for bouquets. Useful either in beds by themselves or in mixed flower borders. A splendid novelty. Blooms all summer. **Pkt., 15c.**

Kelway's New Hybrid Larkspurs

608. If we were confined to but one hardy perennial, we would choose the Larkspur. For freedom of bloom, ease of culture, color, variety and general all-around satisfaction there is hardly anything equal to it. The plants bloom twice and often three times in a season. While the common Formosum is a thing of beauty with its brilliant blue spikes, this new strain far surpasses anything we have seen. The flower spikes are stiff and strong, crowded with flowers, double and single, shading from pure light blue lilac to the intensest indigo and purple shades, often with strange orchid-like markings. The seed we offer is from Kelway. **Large Pkt., 35c.; 2 for 60c.**

New Crimson Hardy Gaillardia

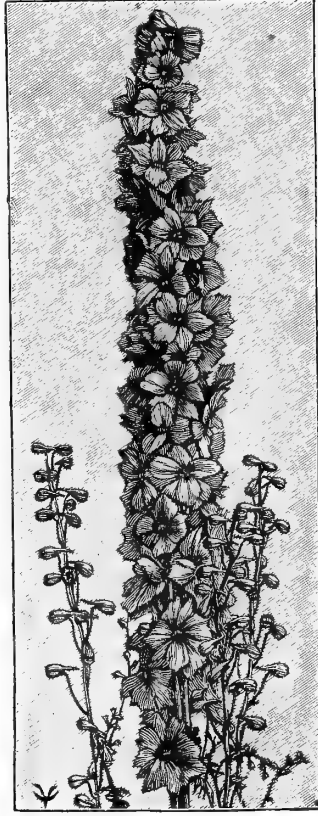
(*Gaillardia Grandiflora Maxima Kermesina Splendens.*)
729. A magnificent color; rich crimson center with a border of canary yellow. The flowers are immense, over 4 inches across and are borne on long stout stems. **Pkt., 10c. 3 for 25c.**

Gaillardia "Sulphur Queen"

(*Gaillardia Grandiflora Sulphurea Oculata.*)
728. 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 pale sulphur-yellow with a bright maroon eye, giving the flowers a very distinct appearance. **Pkt., 10c.**

Ever Blooming Balsam "Holstii"

(*Impatiens Holstii.*)
824. A new, very handsome Balsam from East Africa. It forms elegant bushes 1 1/2 to 2 feet in height and resembles in habit, foliage and shape of flowers the popular *Impatiens Sultanii*, but far surpasses the latter in its quicker and more vigorous growth and its larger and much brighter colored flowers. While *Impatiens Sultanii* rarely bears more than one flower on each peduncle, *Holstii* produces two to four flowers on each, and from 3 to 5 peduncles on the tops of the branches. The flowers measure from 1 1/4 to 1 3/4 inches across and are of a brilliant vermilion color, a gorgeous coloring contrasting beautifully with the green foliage. In a half shady situation the plants grow luxuriantly out of doors and form effective and unusually showy flower beds by their great abundance of bloom. If grown in pots this new Balsam will prove to be a first class plant for the market. Sown on heat in March the seedling may be planted out end of May and will be continuously in bloom from June until the frost destroys them. Novelty of sterling merit. **Pkt. 20c.; 3 for 50c.**



TYPE OF NEW HYBRID LARKSPURS

ONE OF BURBANK'S DAHLIAS.

Dahlia, Burbank's Selection

Bloom the first Summer from Seed

572. The seed we offer is of L. Burbank's own saving, and he writes; "This seed will produce a greater proportion of large, clear, bright colored, perfect double flowers than any ever before offered; 90 per cent 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 this season. Dahlias will bloom from seed the first summer if sown before May.

Pkt., (50 seeds) 30c.; 3 for 75c
Vanderburg Co., Ind. The seeds you sent me this year produced plants that were the talk of all the neighborhood, particularly the Dahlia seed—Burbank's Selection. They made a beautiful bed, bearing many hundred perfect flowers.
Mrs. D. B. MacLaren.

LUCIFER The New Single Black-Leaved Dahlia

474. A most unique new sort. The leaves, especially on the upper surface, are of a metallic black-brown hue, while the flower stalks are absolutely black. The single flowers are of medium size, of a glowing dark scarlet, center deep blood red. They are produced very abundantly, on long, stiff stems, which throw them well above the foliage, forming a most brilliant contrast with it. The plants grow about three feet high, and are as effective as Cannas, either as single plants or in beds. It comes almost entirely true from seed. **Pkt., (10 seeds) 15c.**

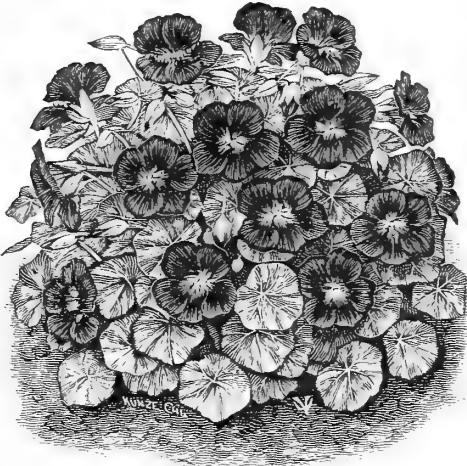
Dahlia, "Tom Pouce"

New Ever-Blooming Dwarf Single Dahlias
575. This new race of Dahlias is remarkable for its dwarf growth. The plants never grow over 20 inches in height, forming dense bushes covered with its lovely single flowers in many colors. If sown in March, in the house or hot-bed, the plants will commence blooming by the end of May and continue until Fall without interruption. Its dwarf growth and incessant blooming render this Dahlia one of our best bedding plants, along with *Salvia*, *Geraniums*, etc. **Pkt. (30 seeds) 15c.**



EVERBLOOMING BALSAM "HOLSTII"

VAUGHAN'S FLOWER SEED NOVELTIES and SPECIALTIES for 1905



Nasturtium, Queen of Tom Thumbs

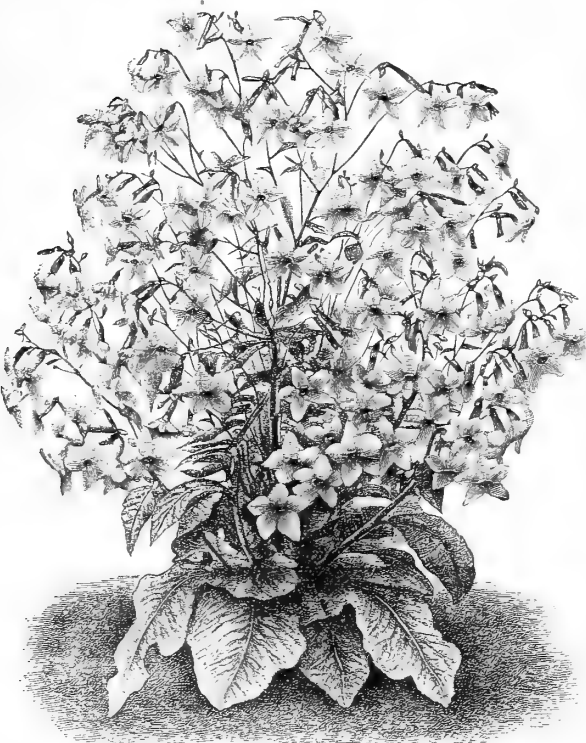
(Silver Variegated Foliage)

1052. 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., three for 25c.**

New Climbing Nasturtium

"Black Prince"

1098. Absolutely the darkest shade of climbing Nasturtium. The expanding true flowers are of deep blackish purple, deepening later into velvety black. The foliage is also very dark and of bluish lustre, like the Dwarf Nasturtium, Empress of India. It makes most effective pendants, whilst the wealth of bloom renders it eminently serviceable for all kinds of floral decorations, vases, etc. **Pkt., 10c.; oz., 20c.**



NICOTIANA SANDERÆ

Giant Blue Maurandia

884. A splendid addition to our list of tender climbers, and as most of our customers are familiar with the well-known Maurandia Vine it is only necessary to say that this new sort has fine deep blue flowers double the size of the type; equally free-flowering, of easy growth, and especially adapted for low trellises, window boxes, hanging-baskets, etc. **Pkt., 15c.**

New Mignonette Machet

"White Pearl"

902. Of the vigorous branching Machet type and very free. The long erect stalks carry enormous dense spikes of white flowers which stand well above the undulate foliage and with their white and red stamina form a grand effect. We can recommend this new giant Mignonette as a most valuable novelty. **Pkt., 15c., two for 25c.**

The Howard Star Petunia

1254. Their ground color is a dark crimson maroon, with a rich velvety texture. Showing through the ground color are violet veinings. From the center starts the points of a five-rayed star, which broadens half way up, narrowing to a point at the margin of the flower. This star is a very light blush pink, almost white, which deepens in color as it reaches the margin and finally blends with the maroon ground color. The plants are free growers, branching freely and attaining an average height of 18 in. by 24 in. in diameter. They are remarkably prolific bloomers, single plants often having 50 fully expanded flowers at a time. **Pkt., 15c., two for 25c.**

New Large-Flowering Petunia

"Painted Lady"

1267. This is a most remarkable and charming sort. The flowers are of medium size, about 3 inches in diameter, beautifully frilled and fringed, and produce the most pleasing color combinations of white, pink and rose. Some of the flowers are rich rosy pink, almost cerise, others soft apple-blossom pink, others are pink with a clear white margin, some are starred, others flamed and streaked. Some plants have white, blush and rose colored flowers. **Pkt., 50c.**

Petunia "Miranda"

1268. This is one of the most beautiful of all the Petunias. The flowers are large and fringed. They are brilliant rose, changing to brightest scarlet toward the throat. **Pkt., 25c.**

New Tobacco Plants

Orchid-Flowered Tobacco

Nicotiana Sandera

1106. This hardy plant, with its rosy-carmine flowers, produces a startlingly beautiful effect in the garden. Such an intensely glowing rosy-carmine color is unknown in any plant of similar character; and either in flower beds, shrubbery borders, or in the wild garden—in fact, in any position among annuals of any color or kind of foliage, whether in the background or in the open, this incomparably beautiful plant is charming. Seed sown in January, pricked out in the ordinary way that hardy annuals are treated, transplanted in May in the position where it is intended to flower is all that is necessary. There is no plant that is easier to grow. The care given to the most ordinary annual will suit this new *Nicotiana* admirably, and for a minimum of care a maximum wealth of its *Calanthe* (Orchid) like blossoms can be had in the garden all the summer and autumn. **Pkt.,** (about 175 seeds). **25c., three for 65c.**

The New Tobacco, "White Wonder"

Nicotiana Mirabilis Alba

1107. This new Tobacco plant is the cross between *Nicotiana Sylvestris* and *N. Affinis*. It is a tall grower, from 4 to 6 feet high, with large glossy upright leaves, measuring from 12 to 18 inches in length. The spikes are tall and the drooping white flowers are produced from May until frost. They are pure white, 1½ inches across, the tube is 6 inches long, and the flowers are as fragrant as those of *N. Affinis*. It surpasses this variety in neatness of growth and has a much more beautiful foliage. We purchased the entire stock of this new Tobacco Plant from the originator, Dr. Van Fleet. **Pkt., 15c.; 2 for 25c.**

Special Offer No. 44—One pkt. each of these two new Tobacco Plants for 30c net.
Special Offer No. 44A—Two pkts. each of these two new Tobacco Plants for 55c net.



PETUNIA—HOWARD'S STAR



VAUGHAN'S NEW LARGE-FLOWERING PENTSTEMON

Pentstemon, Vaughan's—New Large-Flowering

1252. 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 cutflowers also suitable for pot culture. Height, 2 feet. **Pkt., 25c.**

VAUGHAN'S FLOWER SEED NOVELTIES and SPECIALTIES for 1905



VAUGHAN'S NEW POPPY "SANTA ROSA."

The "Santa Rosa" Vaughan's 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.

1346. We introduced this famous new Poppy last season, having purchased Mr. Burbank's entire stock of the same. It is a new strain of Shirley Poppies, originated and improved Luther Burbank, the great horticulturist, have named "Santa Rosa," after the producer's California home. This new strain combine the delicate beauty in color of the original Shirley and Shirley types, and with these the flower in all of its petals is beautifully crisp as illustrated above.

Few garden flowers excel the poppy in popular favor. Its freedom of growth, beauty and lovely showiness make it an ideal garden flower. **Pkt., 10c.; 1/2 oz., 25c.; oz., 40c. 1/4 lb., \$1.25.**

New Double Hybrid Hollyhocks Ever Blooming

Bloom From Seed the First Year.

807. Hollyhocks are undoubtedly among the most ornamental and handsome garden flowers, with their tall spikes, dotted all the way up with large double flowers in all the colors of the rainbow. 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, they are always handsome, pleasing and ornamental. Like most things, however, they are not without a fault and that is the fact that the plants must be at least one year old before they produce flowers. That means delay and possibly loss during the winter which is one reason why we do not see them oftener.

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 late in the fall. The plants branch out freely, grow to a respectable height and are not as easily attacked by the Hollyhock fungus and therefore retain their fresh, bright green leaves until late. **Pkt., (25 seeds) 20c., 3 for 55c.**

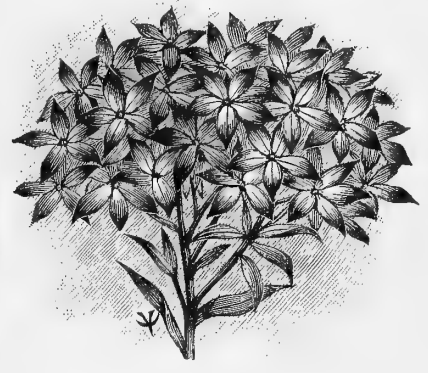
The Christmas Pepper

1253. The plants grow about 12 to 15 inches high and are covered with their scarlet fruit, which stays on for months. It is a selection from the Celestial Pepper, but it is now entirely distinct from it, the fruit is smaller, more chunky and the plants grow more compact, while the fruit is borne right above the foliage and therefore present themselves to the best advantage. This pepper is of easiest culture. It is one of the prettiest pot plants and everybody can be successful with it. Complete cultural directions are printed on each package. **Pk., 10c.**



Dwarf Shirley Poppy, Snow White

1331. The flowers are of the greatest beauty and if a portion of them, as sometimes happens



Phlox Morning Star

(Phlox Dr. Nana Compacta Radiata.)

1311. An entirely new and distinct class in respect to the peculiar shape of the flower petals. These unite in the form of a five or six-pointed star, as shown in our illustration. The blooms are rich carmine-red, with two white stripes on each petal. The plants are dwarf and very free, forming compact bushes literally covered with the charming flowers. **Pkt., 25c.**

Silver-Leaved Star Phlox

(Phlox Dr. Cuspidata Fol. Alba-Margin.)

1296. The plants attain the height of about 1 foot and the flowers, mostly toothed but some are of rose and carmine shades and a delightful contrast with the beautifully tinted foliage. **Pkt., 15c.; 2 for 25c.** Other Phlox and "Vaughan's Special re," see page 69.

New Giant Hardy Garden Primrose

Primula Veris Grandiflora

1388. This new Giant Primrose is a vast improvement in every way on the old type Polyanthus. The flowers are very large, measuring from 1 1/2 to 2 inches in diameter, are borne on stout stems 10 to 12 inches in length; the leaves are larger than those of that type and the colors are richer and more varied. **Per 1000 Seeds, 65c.**



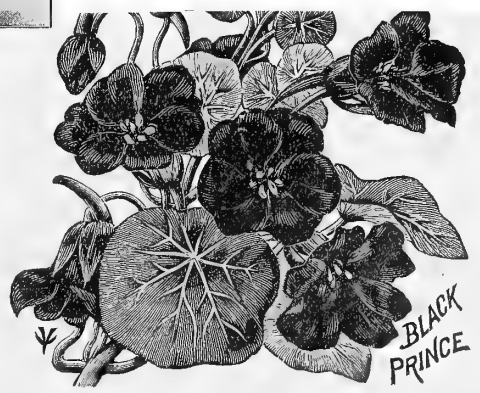
NEW PRIMULA BUTTERCUP

New Primula-Buttercup

1379. A free flowering, yellow primrose coming into full bloom for Thanksgiving and Christmas trade, and continues covered with bloom during winter and spring. The buttercup primrose is unquestionably a fine thing. Those who had it on sale the past season regard it as one of the best flowering plants they have ever handled. It makes a fine house plant, and gives general satisfaction. It grows freely from seed, requires the same treatment as the Chinese primrose and makes a famous pot plant.

This primrose is so floriferous that it is necessary to keep the flower buds pinched out until about the first of October, in order to get the plant to make growth instead of all bloom.

By planting five or more plants to the pan, according to the size required, you can have magnificent specimens. These should be made up during September, to give the plants time to fill the pan and cover it entirely with yellow blossoms. **Pkt., (60 seeds) 15c.; 2 for 25c.**



BLACK PRINCE

VAUGHAN'S FLOWER SEED NOVELTIES and SPECIALTIES for 1905



SCHIZANTHUS
WISETONENSIS

Salvia Pittieri

1423. A most beautiful and striking new variety from the mountains of Costa Rica, readily grown from seed, forming in a short time bushy plants 2 to 2½ feet high, with clear green triangular foliage and bearing innumerable spikes of flowers, each spike carrying from 120 to 150 blossoms of a dazzling scarlet, which expand in succession from July to October. The individual flowers are over an inch long, set in bronzy calyx. This novelty is likely to prove invaluable for bedding in our climate. We control the entire stock of seed, which is very limited. **Pkt., 15c.; 2 for 25c.**

Schizanthus Wisetonensis

1444. This wonderfully show plant deserves to be widely known and cultivated. Attaining a height of about 16 inches, branching freely and yet of compact pyramidal form, it throws well above its charming feathery foliage a multitude of large panicles of beautiful blossoms. Of great effect in the mass, these are also most handsome individually; the ground color is mostly white dotted with delicate rose, while the upper lip is adorned in the center by a spot varying in shade between golden yellow, carmine, rose and bright brown. These lovely Schizanthus, literally covered as they are with their dainty little flowers, make excellent pot and market plants, and are unsurpassed for the decoration of apartments or cool greenhouses, so much the more as they remain a very long time, 6 to 8 weeks, in bloom. **Pkt., (40 seeds) 20c., 3 for 50c.**

Schizanthus, or Butterfly-Flower

Schizanthus Hybridus Grandiflorus.
The Poor Man's Orchid

1443. Only few annuals can compare with the profusion of bloom of this charming novelty, and none is more easy to cultivate. It attains a height of about 12 inches, grows quite compact and pyramidal and literally covered with beautiful, large, orchid like flowers. It grows well if sown in the open ground in March-April, where it is to bloom, but it may also be sown in frames and transplanted later into the garden or pots, and if sown in August-September, several plants together in a pot cultivated in a cool greenhouse or conservatory, they will make a splendid show in winter. **Pkt., 10c.; ½oz., 25c.**

Rudbeckia fulgida variabilis

1409. Exceedingly pretty hybrids of this hardy perennial, forming well-branched bushes with erect flower stems. The individual flowers, 2½ to 3 inches in diameter, show peculiar colorings and markings; these are partly purplish-brown striped and tinted on golden-yellow or bronze ground, partly brown with yellow tips or yellow turning into brown. The conical disk is of a deep purple. Fine cut flowers. **Pkt., 15c.**



ROSE SEEDLINGS 3 MONTHS OLD

Everblooming Roses

Bloom from Seed in Six Months

1408. This new strain which was raised by a French grower, will produce flowering rose plants in about 6 months. The seed germinates freely and easily, the plants are perfectly hardy, while many of the flowers will be double and very sweet. The flowers improve greatly with the age of the plants, so that they equal the finest Perpetual Rose when 2 years old. A very charming novelty. **Pkt., 20c.**

Siberian Helmet Flower

Scutellaria Baicalensis Coelestina.

1442. A new hardy herbaceous perennial, which grows about 20 inches high, forms dense bushes which are covered with beautiful flowers in July and August. The color is a lovely lavender with a light spot on the lower lip of the flower. In shape the single flowers resemble those of salvia patens. The spikes are splendid for cut flowers. The plant prefers a sunny location and is not particular as to soil. **Pkt., 15c.**

New Hardy Sunflower

Helianthus Sparsifolia

1487. The plant is exceedingly strong and robust, attaining the height of 6 ft. under ordinary culture. Lateral stems 2½ ft. in length can be cut with most of the flowers. These are rich deep yellow in color with a dark center and measure 4 inches and over across. Although large, they are very artistic and graceful, resembling a magnified Coreopsis Lancolata. In flower during July and August. **Plants only. 25c.; 3 for 65c.; doz., \$2.50.**

Streptocarpus

Vaughan's Giant Hybrids

1478. Streptocarpus are everblooming house plants of great beauty and easiest culture. The seed should be sown in January, February or March and commence blooming in July or August, 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 a large variety of colors, ranging from pure white through lavender, purple, violet, red and rose. **Pkt., 35c.**

Special Offer No. 46.—1 pkt. each Schizanthus Wisetonensis, Streptocarpus, Salvia, Pittieri, Stokesia 65c.

Wallflower, Annual "Blood Red"

1750. This is a selected stock of the Annual Wallflower, which, although so wonderfully early, was a poor yellow. We have ever since been carefully selecting this, and each year getting nearer to a good blood red, and at last we have succeeded. It is also a larger flower than the old variety and a good blood red color; sown in March; blooms in July. **Pkt., 10c.**

Stokesia Cyanea

(Corn Flower Aster)

1477. This beautiful native hardy plant is not yet quite so well known as it should and deserves to be. No garden, large or small, should be without it. As a single specimen or group in the hardy border it makes for itself a place that cannot be filled by any other hardy plant, while for beds or masses of any size, it ranks with the Phlox, Pæony and Iris. It is of the easiest culture, blooming the first year from seed, and succeeding in any sunny position. The plants grow from 18 to 24 inches high and begin flowering in July, continuing without interruption till late in October to produce their handsome lavender blue centaury-like blossoms which are highly valuable for cutting, supplying a shade of color not overly plentiful at any season of the year. **Pkt., 10c.; ½oz., 30c.**

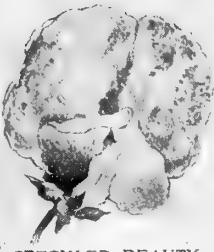


STREPTOCARPUS

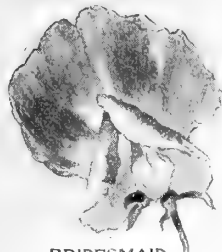
Vaughan's Flower Seed Novelties and Specialties for 1905



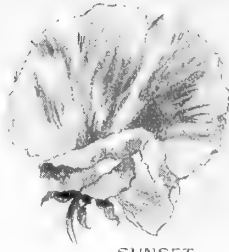
SUNRISE



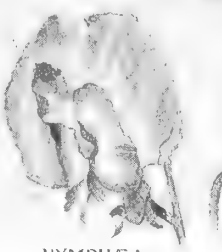
SPECKLED BEAUTY



BRIDESMAID



SUNSET



NYMPHÆA



MRS HIGGINSON

Price of any of the following, except where marked, Pkt., 5c.; oz., 10c.

1499. **Agnes Johnson.** A fine, erect, pale salmon pink standard, buff wings, generally three flowers on a stem. One of the best of its class. $\frac{1}{4}$ lb., 20c.; lb., 65c.

1498. **American Queen.** Flowers larger; usually three on a long stem and a very profuse bloomer. Color, a clear salmon-red, the wings, bright deep rose. $\frac{1}{4}$ lb., 20c.; lb., 65c.

1509. ***Bridesmaid.** This is a selection from Katherine Tracy, and is exactly like it, except in color, which is a bright and deep pink. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.30.

1521. **Dainty.** Very large and of good substance. Color, pure white with the edge of the petals daintily tinted with pink, making a most charming contrast. $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

1517. **Dorothy Eckford.** "The grandest pure white. In addition to its pureness it is a grand giant flower, also robust in growth and stem, with no tendency whatever to tinge or go pink; the plant is very short jointed, and grows an enormous mass of bloom." $\frac{1}{4}$ lb., 30c.; lb., \$1.10.

1530. ***Evening Star.** A pale buff, flushed with salmon-pink. It is really an open-form Venus; it stands the sun without burning. $\frac{1}{4}$ lb., 30c.; lb., \$1.10.

1533. ***Flora Norton.** It is a very bright blue, quite different from Countess of Radnor and kindred varieties, being a brighter blue and clearer color. Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 30c.; $\frac{1}{4}$ lb., 80c.; lb., \$3.00.

1542. **Florence Fraser.** An Improved *Blanche Ferry*. Height, 6 to 7 feet; color, pink and white; flower stems 12 to 14 inches long and very stout, bearing three and four large blooms. A strong, vigorous grower and free early bloomer. It surpasses *Blanche Ferry* in vigor, flower and stem, freedom and earliness. Pkt., 10c.; oz., 20c.; 2 ozs., 35c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

1534. **George Gordon.** A carmine crimson standard, wings lavender. Flower very large. $\frac{1}{4}$ lb., 25c.; lb., 75c.

1497. **Gladys Unwin.** Has a very large and bold flower, not hooded, but with a very striking upright crinkled or wavy standard and broad wings. Color, a pale rosy pink. A striking feature is that about 75 per cent of the long flower stems are with four blooms, which is a most unusual thing in Sweet Peas. Pkt. (25 seeds) 25c.

1536. **Golden Rose.** The flowers are extra large, of fine open form. Color, clear primrose yellow, flushed with rosy pink. $\frac{1}{4}$ lb., 25c.; lb., 80c.

1538. **Gracie Greenwood.** Soft salmon-pink; distinct edging of deeper pink. $\frac{1}{4}$ lb., 25c.; lb., 75c.

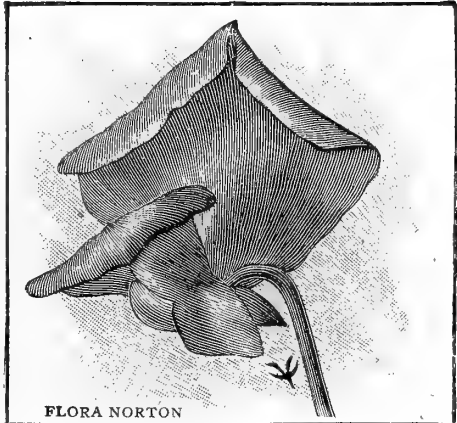
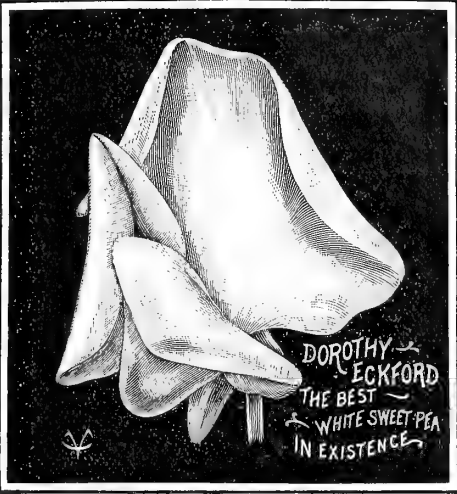
1543. **Janet Scott.** A rich deep pure pink, flowers very large size. $\frac{1}{4}$ lb., 25c.; lb., 80c.

1544. **Jeanie Gordon.** The standards are bright rose, shaded cream, slightly hooded wings. Flowers large; a charming variety. $\frac{1}{4}$ lb., 30c.; lb., 65c.

1589. **King Edward VII.** A true giant-flowered variety, with strong stems and growth, with no inclination to burn in the sun. A fine variety, much brighter than either *Mars* or *Salopian*; in fact, the best dark red in existence. $\frac{1}{4}$ lb., 30c.; lb., \$1.10.

1550. **Lady M. Ormsby Gore.** A very vigorous sort; flowers large and hooded. Color primrose, delicately shaded with buff. $\frac{1}{4}$ lb., 25c.; lb., 75c.

NEW SWEET PEAS



FLORA NORTON

For other Sweet Peas in sorts and colors, and Cupid and "Bush" Sweet Peas, see pages 73 and 74.

1551. **Lord Roseberry.** Flowers very large, hooded; color, rosy carmine, with deeper veins. Very free flowering; vigorous. $\frac{1}{4}$ lb., 20c.; lb., 65c.

1557. **Majestic.** One of the loveliest of Sweet Peas. Rich, deep, rosy pink. $\frac{1}{4}$ lb., 25c.; lb., 70c.

1558. **Miss Wilmott.** Standards rich, deep orange pink; wings a shade lighter. Of enormous size. $\frac{1}{4}$ lb., 20c.; lb., 70c.

1560. **Mont Blanc.** Of dwarf growth and very early blooming habit. Flowers pure white, of good size and substance. $\frac{1}{4}$ lb., 20c.; lb., 70c.

1583. **Sue Earl.** The standard is primrose with mauve at the edges, wings almost pure primrose. $\frac{1}{4}$ lb., 25c.; lb., 75c.

1563. ***Mrs. Geo. Higginson, Jr.** A clear, delicate light blue, showing practically no tint of mauve. It is a thing our growers have been working for years, and while it is not any larger than the old *Countess of Radnor*, it is a particularly fine shade. It is especially valuable for florists and is a decided novelty. Pkt., 10c.; $\frac{1}{2}$ oz., 20c.; oz., 35c.; $\frac{1}{4}$ lb., 95c.; lb., \$3.50.

1567. **Nymphaea.** A large flower with long stem usually four blossoms to the stem. First blossom opens almost white, and then turns to a bright deep pink. Of the four blossoms, the top one is nearly white and the bottom one deep pink. Very attractive and pretty and one of our best. $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

1581. **Speckled Beauty.** A good large flower of perfect shape. Primrose, with heavy dusting and shading of pink; comes truer and larger than *Pink Friar*, and is really a good thing. $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

1584. **Sunrise.** Particularly distinct on account of its color, which is a bright pink suffused with primrose; flowers good size and open form. There is no other color in Sweet Peas like it. $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

1591. **White Wonder.** The flowers are pure white, of the largest size, and are borne six to eight and frequently as many as ten to twelve large flowers on a long stout stem. The stems are frequently double. The flowers are well placed near top of stem and generally all facing one way. The vines bloom profusely, about half the flowers having double standards $\frac{1}{4}$ lb., 25c.; lb., 75c.

New Cupid Sweet Peas

Any of the following: Pkt., 5c.; oz., 10c., $\frac{1}{4}$ lb., 30c.; lb., \$1.00. One pkt. each of the six New Cupids, 20c.; one oz. each, for 35c.

1634. **America Cupid.** The standard and wings are very broad and spreading showing effectively the bright blood-red stripings on silvery-white ground.

1633. **Enchantress Cupid.** Most beautiful, both for bedding and *boutonnieres*. Generally three flowers on each stout stem; rose-pink on rich cream ground. The rose-pink is deepest in color at base of standard.

1646. **Firefly Cupid.** The large flowers are dazzling scarlet.

1632. **Mauve Queen Cupid.** Deep pinkish mauve upon primrose ground, with wings only a shade lighter than the standard.

1650. **Sadie Burpee Cupid** [w. s.]. The standard measures nearly two inches across while the wings spread out. The expanded flowers are uniformly of pure pearly whiteness.

1637. **Stella Morse Cupid.** The ground color is a rich creamy buff, tinted with apricot, while the inner portion of the wings is delicately shaded with soft rosy carmine.

Countess Spencer Hybrids

The New Orchid-Flowering Sweet Pea

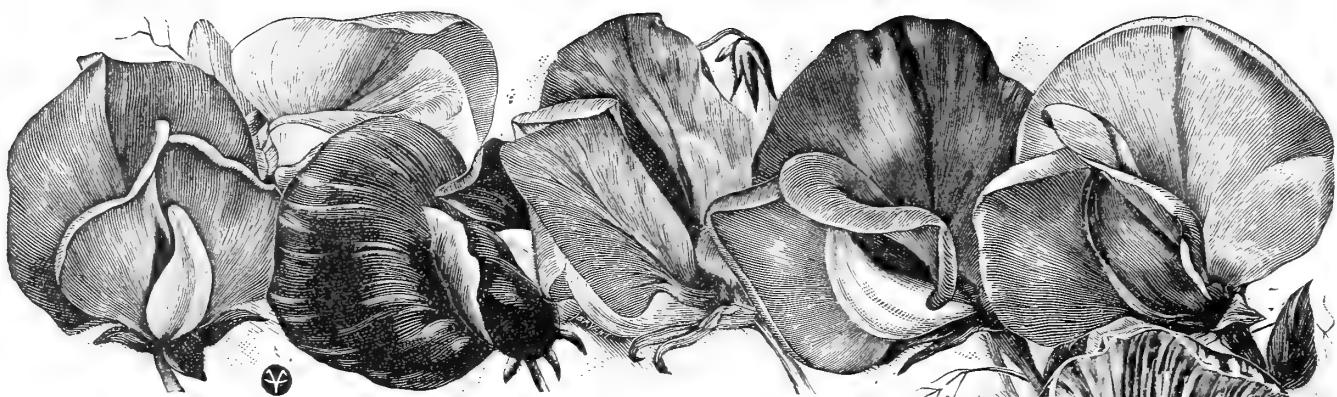
1513. The type and form of these is a complete departure from anything yet introduced. Both the wings and standard are very large, and its graceful form, together with the immense size, makes it by far the most attractive variety in existence. There are five or six distinct shades contained in this mixture, but all are of the large flowering type and of the same form. The different shades it contains are as follows: Deep pink, light pink, ovid shade, orange pink, white with light pink edging. We certainly think highly of the various shades which this mixture contains. Pkt., 15c., $\frac{1}{2}$ oz., 30c.; oz., 60c.; 2 ozs. \$1.00.

Vaughan's "Prize" Mixture of Sweet Peas

It is made up entirely of new and separate sorts, 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, 10 lbs., \$7.00; 5 lbs., \$4.00; lb., \$1.00; $\frac{1}{4}$ lb., 30c. By mail, postpaid, 2 lbs., \$2.00; lb., \$1.10; $\frac{1}{4}$ lb., 30c.; 2 ozs., 20c.; oz., 15c.; pkt., 10c.

1590. This mixture contains the cream of the new and standard 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, 10 lbs., \$7.00; 5 lbs., \$4.00; lb., \$1.00; $\frac{1}{4}$ lb., 30c. By mail, postpaid, 2 lbs., \$2.00; lb., \$1.10; $\frac{1}{4}$ lb., 30c.; 2 ozs., 20c.; oz., 15c.; pkt., 10c.

This is Without a Doubt, THE BEST AND MOST COMPLETE MIXTURE in existence. NONE BETTER.



OUR SELECTION OF THE BEST SWEET PEAS

THE 12 BEST. 1517. Dorothy Eckford, white. 1533. Flora Norton, very bright blue. 1563. Mrs. Higginson, Jr., delicate light blue. 1587. Hon. Mrs. Kenyon, primrose. 1509. Bridesmaid, deep pink. 1589. King Edward VII, bright red. 1548. Lady Grisell Hamilton, lavender. 1552. Lottie Eckford, white, shaded lilac. 1554. Lovely, deep pink, shaded to light pink. 1558. Miss Willmott, orange pink, large. 1568. Othello, deep maroon. 1572. Prince of Wales, rose crimson

12 Pkts. One regular size packet each of the above 12 Best New Sweet Peas (Special offer No. 48A).....\$0.25

12 Ozs. One ounce each of the above selection of 12 Best Sweet Peas. (Special offer No. 48B)......60

No. 1594. The 12 Best Sweet Peas, mixed, per oz., 15c; 2ozs., 25c.; ¼ lb., 35c.; lb., \$1.10, postpaid

THE 24 BEST. The above 12 Best and the following. 1500. Admiration, pink mauve. 1503. Aurora, orange rose, striped white. 1521. Dainty, white with pink edge. 1530. Evening Star, pale buff, flushed salmon pink. 1542. Florence Fraser, pink and white. 1541. Hon. F. Bouverie, pink. 1543. Janet Scott, bright pink and buff. 1551. Lord Roseberry, magenta rose. 1566. Navy Blue, indigo blue and violet. 1567. Nymphaea, pink and white flowers on the same stalk. 1575. Royal Rose, crimson pink, shaded light pink. 1581. Speckled Beauty, primrose, dusted with pink.

24 Pkts. One regular size packet each of the above 24 Best Sweet Peas. (Special offer No. 48C).....\$0.50

24 Ozs. One ounce each of the above 24 Best Sweet Peas. (Special offer No. 48D)..... 1.00

No. 1595. The 24 Best Sweet Peas, mixed, per oz., 15c.; 2ozs., 25c.; ¼ lb., 35c.; lb., \$1.10, postpaid

Beauty of Nice Stock

1472. A very conspicuous and handsome new winter stock of quick growth, with flowers of very large size. The color is a very pleasing daybreak pink. It is grown in large quantities in the South of France for shipment North. Under good culture the plants will grow 24 to 30 inches high. The seedlings will bloom in 10 weeks and if the seed is sown by the end of May the plants will bloom in September, when cut flowers begin to get scarce, and continue to bloom during the winter. Pkt., 10c.; ¼ oz., 50c.

New Stock "Queen Alexandra"

1474. Of the same type as Beauty of Nice with flowers of a delicate rosy lilac, a tint of incomparable beauty, and for cut bloom and bouquet work of high value. A strong center spike about one foot in height is surrounded by numerous side shoots, all carrying beautiful large blossoms. The percentage of doubles is very high. From a summer sowing the plants flower within eight weeks, and sown in February or March they bloom within four months. Pkts., 15c.; 2 for 25c.



School Gardens

This movement has been most rapid in Europe, where are today more than 100,000 school gardens. In America, the school garden movement is gaining ground rapidly. The child's garden certainly brings his life more near to that of the country than any other form of study. A great aid to nature-study. Measuring and marking the garden and planting the seed give the child practical mathematics. Even business can be taught where the products of the garden are sold. The systematic care of tools, the order in doing things, the habits of close observation acquired by the child will be invaluable to him.

Garden work has many advantages for both boys and girls. The life in open air and sunshine further their physical development.

We have furnished seeds to schools and for distribution among poor children. We are well equipped to supply the needs both in vegetable and flower seeds and we will be glad to correspond with teachers or others who desire to purchase seeds for this purpose in quantities. We will make special low rates for this purpose.

"How to Make School Gardens" is a new book. Price \$1.00, our special price to teachers, 85c., net.

Vaughan's Plants, Vegetables, Flowers and Seeds

won twenty-four awards at the Louisiana Purchase Exposition, including two Grand Prizes, of which only eight were given to American exhibitors in Floriculture.



We are indebted to "Country Life in America" for the above illustration. It shows a part of 71 gardens worked by the boys at Dayton, Ohio.

CHICAGO VAUGHAN'S FLOWER SEEDS NEW YORK.

(THE BEST IN AMERICA.)



THESE PAGES tell best their own story of as complete an assortment of Flower Seeds as can be offered to our readers. The list alone however, does not tell all that has been done. The large quantities used by us prevent the necessity of carrying over old seeds a second season. **Our bulk seeds are of new crop, fresh and alive.** Seeds of low vitality and germination are never sent out. To prove their germination we make a semi-annual test and discard all which do not meet our standard.

Our seeds are grown very largely on contract for us from seed stocks we know and inspect. "Vaughan's Special Mixtures," now so well known, are put up by ourselves from the choicest stocks and finest varieties of the different types and colors.

CASH DISCOUNTS On Packets and Ounces of all our seeds, except those costing \$1.00 per ounce and over, such as Cauliflower, etc., etc.

Customers sending.....	\$1.00	\$2.00	\$3.00	\$4.00	\$5.00
May select extra seeds to the value of.....	.20	.40	.60	.80	1.00

THIS DISCOUNT only applies to orders for flower and vegetable seeds in packets or ounces, and does not include seeds by weight (¼ lbs. and over), or measure (pints, quarts, etc.), or collections, or bulbs and plants; nor can it be applied to orders sent at different times during the season, except previous arrangement is made, but customers are allowed to select seeds in packets for the cost of sending money order besides these discounts.

Abrus Precatorius or **Weather Plant.** 47—This wonderful Weather Plant of the West India Islands is now successfully cultivated in gardens. It has a very beautiful foliage and blossoms, and it is claimed that the state of the weather may be told for some time in advance by the position the leaves assume. Seeds bright scarlet, very beautiful and very hard. Soak well in warm water before sowing. Pkt., 5c.

Abutilon. Pretty plants, useful for pots in Summer. They form handsome little bushes, covered with bell shaped flowers in the daintiest and also strongest colors, dotted and handsomely veined. Are of easy culture; bloom readily from seed the first summer.

48—**Royal Prize Mixture.** Pkt., 10c.

49—**Abutilon.** Good mixed. Pkt., 5c.

Adlumia or **Allegheny Vine.** 53—**Mountain Fringe,** or *Adlumia Cirrhosa.* This is a hardy climbing plant, native of the Allegheny Mountains, very attractive and picturesque; dainty, feathery, pale green foliage; flowers delicate rose, pink and white. 15 ft. Pkt., 5c.

Ageratum.

One of the best of Summer-flowering plants grown from seeds. The plants start readily, grow rapidly and soon come into bloom, and when they begin to bloom they flower uninterruptedly throughout the season. During the hot, dry summer months there are no brighter or more freely produced flowers. Set the dwarf sorts 10 inches apart, they soon make a low mass of charming blue or white, and are never disappointing.

56—**Princess Pauline.** A most distinct and novel variety of dwarf compact habit, rarely exceeding five inches in height, its peculiarity being that both colors, blue and white, are combined in the same flower; the body of the flower being white, the stamens are of a light sky-blue, giving the flower a pretty variegated appearance. Pkt., 5c.; ¼ oz., 20c.

57—**Blue Perfection.** In habit this new kind resembles the Imperial Dwarf Blue, but it far surpasses it by its deep amethyst blue flowers. It is the darkest of all blue Ageratums that can be grown from seed. Pkt., 10c.; 3 for 25c.

58—**Mexicanum.** Blue. Pkt., 5c.

59—**Mexicanum Album.** White. Pkt., 5c.

60—**Imperial Dwarf Blue.** Excellent plant for ribbon borders; 6 inches. Pkt., 5c.

61—**Imperial Dwarf White.** Like above except in color. Pkt., 5c.

62—**Ageratum.** Mixed. ¼ oz., 15c.; pkt., 5c.

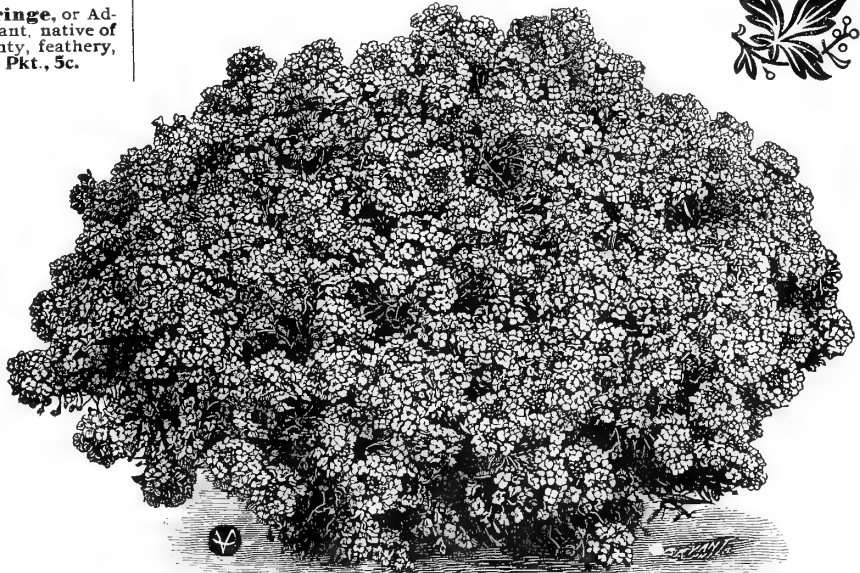
63—**Princess Victoria Louise.** In bloom all summer. This is the prettiest of the Dwarf Ageratums. The plants grow in dense bushes, 4 to 5 inches high, with a diameter of 5 to 6 inches. The flowers are produced in great abundance throughout the whole season, and are of the loveliest sky-blue with white 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.

64—**Agrostemma Cœli Rosa.** (Rose of Heaven.) Free blooming and attractive plants, with velvety foliage and pretty rose flowers; 8-inch hardy perennial. Pkt., 5c.

Sweet Alyssum.

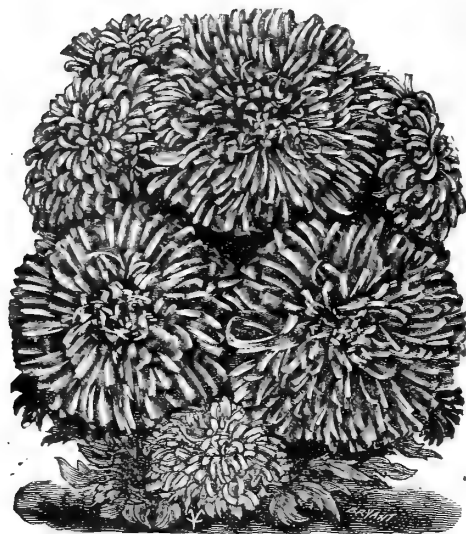
67—**The Sweet Alyssum** is one of the finest hardy annuals we have, and is beloved by many on account of its modest blossoms very similar to white Forget-me-nots. It is pleasantly fragrant, and just the thing for personal adornment or for the breakfast table.

It begins to blossom early in the season and blooms more or less constantly until Fall. It is a fine plant for edgings or borders. 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. ½ oz., 15c. (enough for a row 40 feet long), oz., 25c.; pkt., 5c.; 2 oz., 40c.; ¼ lb., 60c.; lb., \$2.00.



Alyssum Vaughan's Little Gem.

70—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 uninterruptedly all Summer long till late in the Fall. Added to this is the sweet fragrance, and we cannot see how a garden can be complete without it. Pkt., 5c.; ¼ oz., 15c.; ½ oz., 25c.; oz., 40c.



COMET, OR POODLE ASTER.

DWARF CHRYSANTHEMUM FLOWERED.

Of very compact growth; flowers from 3 to 4 inches in diameter and very abundant; later than other varieties, therefore valuable for succession. 10 inches high.

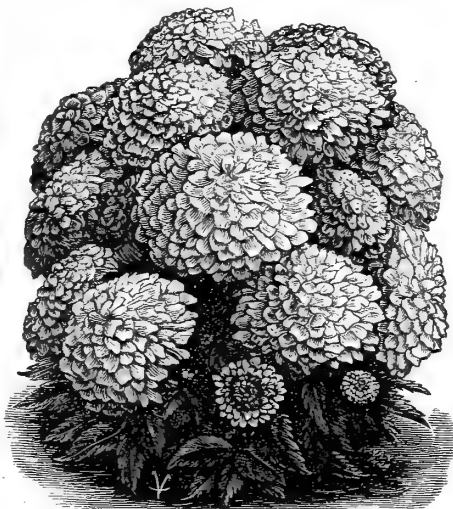
- 164—Snow White. 169—White turning to Azure Blue.
 165—Brilliant Rose. 170—White turning to Pink.
 166—Dark Crimson. The above two are beautiful sorts.
 167—Fiery Scarlet. 171—Light Blue and White.
 168—Silver Gray. A new, very distinct and pleasing color.
 172—Dark Blue. 173—Light Blue. 174—Peach Blossom.
 Each of above, pkt., 10c.; any 3 for 25c.; any 6 for 45c.
 175—Many colors mixed. Pkt. 5c.; ½ oz., 30c.

Vaughan's Excelsior Mixture of Dwarf Asters.

200—Many of our customers may find it difficult to choose among the above strains of Dwarf Asters, and where not desired for an even bed or border 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, specially selected for this mixture, and we guarantee it to give satisfaction. Pkt., (250 seeds), 15c.; extra large pkt., 25c.; ½ oz., 50c.



VAUGHAN'S FIREBALL.



DWARF QUEEN ASTER.



ASTER VICTORIA, VAUGHAN'S IMPROVED.

THE "CARLSON" ASTER.

EXTREMELY POPULAR WITH CHICAGO FLORISTS.

A selection of the Paeony Flowered type. This new Aster is now the favorite 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 20 inches high and come in bloom before the Giant Branching Asters. 218—White. 219—Rose Pink. 220—Lavender.
 221—Violet Blue. 222—Daybreak Pink.

Each pkt., 10c.; any 3 for 25c.; or per ½ oz., 30c.

223 The above colors mixed. Pkt., 10c.; ½ oz., 25c.

COOK CO., ILL. The Seeds from your Carlson Collection of Asters and your Stocks produced the finest flowers of their kind, that I have ever seen both in colors and all other respects and were the subject of the most favorable comment by all who witnessed them. I shall grow them next year and for a good many more seasons to come, as they are simply superb.

JOHN MEHL.

Vaughan's Asters.

DWARF SORTS

DWARF PIGMY ASTER.

150—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. Height, 8 inches. Many colors mixed. Pkt., 5c.; ½ oz., 20c.

VAUGHAN'S LITTLE GEM. 151—One of the prettiest Asters we know. The neat bushes about six inches high, are covered with flowers of the most charming combination of pink and white. A clump or row of them will form a very pleasing spot in the garden. Pkt., 10c.

VAUGHAN'S FIREBALL. 154—The most brilliant Dwarf Aster. It forms a neat, well-shaped bush about ten inches in height and is covered with beautifully shaped double flowers of the brightest scarlet. Very effective if planted out in beds; also valuable for pot culture. Pkt., 10c.; extra large pkt., 25c.

DWARF QUEEN. The Finest Dwarf Aster.

This splendid Aster makes low bushy plants about 10 inches high, of compact habit of growth, producing a great number of double, extra large flowers which resemble in shape those of the Victoria Aster and measure from 3 to 3½ inches in diameter. Excellent for bedding and pot culture.

- 156—White. 158—Pink. 160—Light Blue. { Each per pkt., 10c.,
 157—Crimson. 159—Dark Blue. any 3 for 25c.
 161—Dwarf Queen Aster. Mixture of all colors. Pkt., 10c.; per ½ oz., 25c.

DWARF COMET, OR POODLE.

A handsome and very distinct Aster, 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.

- 183—Peach Blossom. 186—Pink and White. 188—Dark Blue.
 184—White. 187—Light Blue and White. 189—Lavender.
 185—Rose. 190—Crimson.

Any of the above Comet Asters, per pkt., 10c.; any 3 for 25c.

191—Comet Asters. Many colors mixed. Pkt., 10c.; 3 pkts., for 20c.

195—Dwarf Victoria. This is one of the best semi-dwarf Asters in existence. The flowers are very large, are borne on upright stems, are of ideal form, and the colors are of the richest and daintiest hues. There are color combinations and shadings in this class of Asters not found in any other class. Height, 10 inches. Many colors mixed. Pkt., 10c.; 3 pkts., for 25c.

197—Dwarf Asters. Many classes mixed. ¼ oz., 20c.; large pkt., 50c.

Our cultural directions on Flower Seed Packets are careful and complete.

Vaughan's Improved Victoria. Undoubtedly the most handsome Aster in cultivation, and we have an excellent strain of it. Flowers very large and perfectly double, of globular shape and beautifully imbricated; plants are of fine pyramidal form. 1½ feet high.

- 225—Pure White. 229—Dark Blue. 232—White, turning to
 226—Apple Blossom. 230—Pink. Azure Blue.
 227—Light Blue. 231—Crimson and 233—Indigo Blue on
 228—Crimson. White. White ground.

Each of the above pkt., 10c.; any 3 for 25c.; or per ½ oz., 30c.

234—Many colors, finest mixed. Pkt., 10c.; ½ oz., 25c.; ¼ oz., 45c.

235—Imported Collection, 12 colors, 60c.

236—Imported Collection, 6 colors, 30c.

Vaughan's Beauty. 245—A splendid sort, resembling Victoria about 2 feet high. The color is the brightest red imaginable with a satiny gloss. Pkt., 10c. [Our Packets are printed with complete cultural directions.]

Vaughan's Asters

See also Novelties

Tall Sorts

Giant Branching Asters. 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. 237—White. 238—Pink. 239—Lavender. 240—Purple. 241—Crimson. 244a—Light Blue. Price. pkt. (100 seeds), 10c; 1 pkt., each of the 6, for 30c.

242—Giant Branching Asters. Mixed. Pkt. (200 seeds), 10c; 3 Pkts. 20c; ½-oz., 25c.

Giant Washington or Jubilee. 246—The flowers of this type resemble the Victoria Asters, they are, however, much larger. We can recommend it to all who like a tall-growing Aster with very large flowers. A good cut-flower sort. Many colors mixed Pkt., 10c; ½-oz., 25c.

247—Washington Aster, Yellow. The best of the tall Asters approaching yellow. Pkt., 10c.

Queen of the Market Aster or Earliest of All.

The flowers are of good size, double, and are borne on long stems.

250—White. 251—Pink. 252—Crimson. 253—Light Blue
253a—Scarlet. 253b—Purple. 254—Mixed. Each, per pkt., 5c; per ½-oz., 15c

PÆONY-FLOWERED ASTERS. (*Truffaut's*.) One of the handsomest sorts. The plants grow from 18 to 24 inches high; flowers are borne on long, wiry stems, are very large, from 3 to 4 inches in diameter, very double, and in shape like a Pæony.

260—Pure White. 266—Light Blue.
261—White and Blue Black. 267—Shining Blue-Black.
262—Brilliant Rose. 268—Brilliant Scarlet—A most striking and beautiful color.
263—Gravelotte (deep blood red).
264—Pink and White. 269—La Superbe—Sky-blue, tipped white.
265—Dark Blue. 269a—Daybreak Pink—Lovely.

Each of the above, per pkt., 10c; any 4 for 25c.

270—Mixed Colors. Pkt., 10c; ½-oz., 25c.

271—Imported Collection, 6 colors, 25c.

272—Imported Collection, 12 colors, 50c.

JAPANESE GIANT or "TASSEL" ASTER.

255—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.

GIANT COMET.

This class is one of the handsomest of the tall-growing sorts. The plants grow about 18 inches high and bear in great abundance their immense flowers. These flowers, with their long, twisted petals, strikingly resemble Japanese Chrysanthemums

276—Snow White. Of immense size.

277—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 Pkt. (120 seeds), 10c; 3 pkts. for 25c.

278—Yellow. Pale sulphur yellow. Pkt. (120 seeds), 10c; 3 for 25c.

279—Pink. This is, par excellence, the pink tall Aster, and a larger proportion of its flowers come double than in any of the above sorts. Pkt., 10c.

280—Lavender. 281—Dark Blue. 282—Crimson. Each, per pkt., 10c; per ½-oz., 20c.

283—Giant Comet. Mixed. Includes the above colors and others Pkt., 10c; ½-oz., 20c; oz., \$1.25.

Crown Asters. 285—Central petals of purest white, making a striking contrast to the large, brilliantly colored outer petals; very effective. 2 feet. Many colors mixed. Pkt., 5c; ½-oz., 20c.

Double-Quilled Asters. 286—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. Pkt., 5c; oz., 50c.

The Yellow Aster. 287—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. 288—Victoria White, Truffaut White, Branching White, Snowball, Giant Comet, White and Rose, Aster White, all mixed in 1 pkt. (150 seeds), 10c; ½-oz., 25c.

Tall Asters. 289—Many kinds and colors, mixed. Pkt., 5c; ½-oz., 20c.

VAUGHAN'S EXCELSIOR MIXTURE TALL ASTERS.

300—This is a mixture of the most beautiful, striking and distinct colors of all the above tall growing Asters, 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 truly Excelsior strain. Per pkt. (250 seeds), 15c; extra large pkt., 25c; per ½-oz., 50c.

WALWORTH CO., WIS. I want to say that your improved Comet Asters are all they are recommended to be. I never saw such large Asters before, neither has anyone else around here. They were the admiration of everyone that passed by; looked like large Chrysanthemums. The Chrysanthemums I got of you last spring are nearly as tall as I am and full of large buds. FANNIE M. CARRIER.

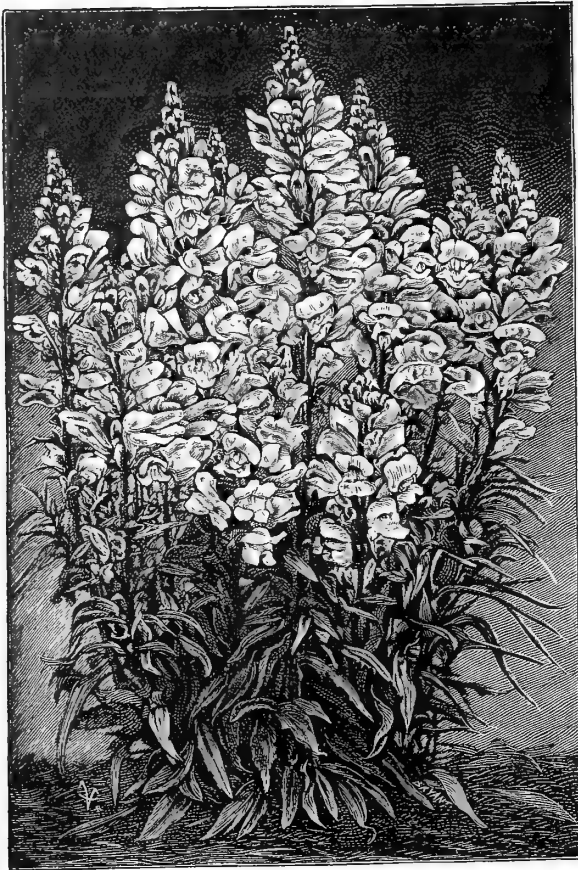
MARINETTE CO., WIS. I had the finest assortment of Asters of your seed, especially the branching varieties, that ever have been seen here, and can still at this time, cut thousands of blooms. GEO. VATTER.



GIANT BRANCHING ASTER.



PÆONY-FLOWERED ASTER.



NEW GIANT FRAGRANT SNAPDRAGON.



DOUBLE COLUMBINE.

AQUILEGIA, OR COLUMBINE.

Pretty Hardy Perennials.

- 115—White Spurred Columbine.** (*Chrysanth. Grandifl. Alba.*) This large flowering, pure white sort, with its fine long spurs, is perfectly hardy and a beautiful plant for pots, and if planted in groups, presents a perfect sea of white flowers. Pkt., 10c.
- 116—Double Mixed.** Pkt., 10c.
- 117—Single Varieties, Mixed.** Pkt., 5c.
- 118—Chrysanth. Golden.** Pkt., 10c.
- 119—Vulgaris, Double White.** Pkt., 5c.
- 120—Cœrulea, Sky-Blue.** Pkt., 5c.
- 121—Vervœneana Atroviolacea, Pl. Double Darkest Purple.** Pkt., 5c.
- 123—Aquilegia Clematidea Hybrida.** (*New Clematis-Flowered-Columbine.*) A new and beautiful type, single and double. The spurs have been eliminated, 60 per cent come true Clematidea. Pkt., 25c.; 3 for 65c.

ARISTOLOCHIA SIPHO. Dutchman's Pipe Vine.

- 125—A hardy perennial climber,** of rapid, luxuriant growth with very large, heart shaped leaves. Pkt. (30 seeds), 10c.
- 126—Armeria Maritima.** Purple Cushion Pink; hardy perennial. Pkt., 5c.

HARDY ALYSSUM.

71—Golden Saxatile. Flowers brilliant golden yellow, completely hiding the foliage. Plants about one foot high, desirable for rock work and quite showy in masses. A hardy, perennial. Pkt., 10c.

AMARANTHUS.

- 78—Amaranthus, Sunrise.** A most beautiful plant; height, two feet; the leaves are long and narrow, the upper ones of the brightest glowing crimson. Pkt., 10c.
- 80—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. Pkt., 5c.
- 82—Tricolor.** (Joseph's Coat.) Scarlet green and yellow. 2½ ft. Pkt., 5c.
- 83—Amaranthus Fine Mixture.** All the above and many others. Pkt., 5c.; ¼ oz., 12c.

AMBROSIA.

85—A hardy annual 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 with fragrant foliage and for making up in bouquets and other floral work. Its long, beautiful, fringed spirals of lovely green are unsurpassed. It is one of the easiest plants to grow and seeds may be sown early in open ground. Pkt., 5c.

AMPELOPSIS VEITCHI, OR BOSTON IVY.

88—A species of Woodbine, with very pretty olive green foliage which turns to bright scarlet, crimson and orange in the Fall. It does not require fastening, as it climbs the smoothest walls. It is perfectly hardy. Pkt., 5c.; ¼ oz., 15c.; oz., 25c.

90—Aechusa Capensis. A rare and little known annual of great beauty. It grows two feet high and 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 most lovely shade of deep blue. Blooms early and continues all Summer. Pkt., 5c.

92—Anemone (Windflower) Coronaria. Mixed. These can easily be grown from seed and bloom in the Fall. Pkt., 5c.

93—Anemone Sylvestris. White hardy perennial. Pkt., 5c.

94—Angelonia. Valuable cut-flower. The plants grow from 18 to 24 inches in height and produce large, sweet-scented, pure white flowers in abundance. Pkt., 10c.

95—Anthemis Tinctoria. Hardy Golden Marguerite. Pkt., 5c.

ANTIRRHINUM, OR SNAPDRAGON.

An old garden favorite, with odd-shaped flowers and pretty spotted throats; deliciously fragrant; one of the most showy border plants. Of easiest culture, they thrive in any soil, the tall sorts yielding an abundance of fine cut flowers, while the dwarf sorts make the prettiest edgings.

97—Queen of the North. In this new sort we have the finest, most beautiful of all Snapdragons. The plants grow into handsome, regular bushes, 12 inches high, covered with large white flowers, deliciously sweet. Suitable for bedding and pot culture. Pkt., 10c.

98—TALL SORTS, Mixed, 5c.; ¼ oz., 15c. 99—DWARF SORTS, Mixed, 5c.; ¼ oz., 20c.

New Giant Fragrant Snapdragons—Antirrhinums.

The flowers of this new strain are of very large size, very fragrant, and are produced on immense long spikes, which render them extremely well adapted for cut flowers. They are easily raised from seeds, and will grow and bloom in almost any rich, sunny bed. Spring seedlings begin to 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.

- 100—Coral Red.** A magnificent rich color. **101—Daybreak.** Beautiful Pink.
- 102—Lovely.** White with pink lip. **103—Brilliant.** Scar., golden yel. and white.
- 104—Crescia.** Dark Scarlet. **105—Firefly.** Scar. and yel. with white throat.
- 106—Golden King.** Pure golden yellow. **107—Butterfly.** The most beautiful striped.
- 108—Giant White.** Beautiful cut-flower. Each of above, pkt., 5c.

SPECIAL OFFER No. 100. One pkt. each of above 9 kinds, 30c.

109—Vaughan's "Special Mixture" of Giant Snapdragons. Includes all above and many others. Pkt., 10c.; 3 for 25c.; ¼ oz., 35c.; oz., \$1.00.

110—Snow Queen. A very pretty, very dwarf sort of the Snapdragon family, splendid for pots and for edging. The plants grow 8 inches high and produce beautiful white flowers all summer. Pkt., 10c.

111—Queen Victoria. The best of the tall-growing white Snapdragons for cut-flowers. The plants grow about 3 feet high, produce beautiful, large, white flowers on long slender stems through the entire season. Pkt., 10c.

ARABIS ALPINA. A Splendid Honey Plant.

133—This plant is a hardy perennial which will thrive in any soil and is particularly adapted to rock work. It grows about six inches high and is one of the earliest flowers to bloom in the spring. The blossoms are white, resembling Sweet Alyssum, deliciously fragrant and so freely produced as to completely cover the plant. It should be in every garden. Pkt., 10c.; ¼ oz., 25c.; oz., 80c.

ARCTOTIS GRANDIS. The African Lilac Daisy.

128—A remarkable handsome new annual from Africa, growing luxuriantly and forming profusely branched bushes of about 2 to 2½ feet in height and breadth. Its flower heads, borne on long stems, are large and showy, from 2½ to 3 inches across; being pure white on the upper surface, reverse of petals pale lilac. Under the influence of bright sunlight the flowers spread out almost flat, and the pure white of the ray florets contrasts beautifully with the light blue disc and its white stamens. Being of very easy culture, the plants produce their splendid flowers most abundantly and in constant succession from early Summer to the Autumn. Pkt., 10c.; 3 for 25c.

127—Arnebia Cornuta. Bushy annual, 2 feet high. Flowers of rich yellow with black spots which change to maroon and on the third day vanish, leaving the flower a clear, bright yellow. Pkt., 10c.

130—Asclepias Tuberosa. Excellent hardy perennial. Pkt., 5c.

Alce Meynell, an English writer on garden subjects, says: "Let the garden be a vegetable garden with fruit trees, and let there be slender flowers all along the edges, and a concourse of standard rose trees, for the sake of gathering the roses, peas in rows and rows, with the twigs they grow upon, delicate against the light, all gentle and fortunate and useful."



Asparagus Plumosus Nanus.

ASPARGUS PLUMOSUS. Asparagus Fern.

134—One of the prettiest house plants. The leaves are bright green, gracefully arched, surpassing Maidenhair Ferns in grace, delicacy of texture and richness of color. It is admirably adapted to house culture. Pkt., (5 seeds), 10c.; 25 seeds, 35c.

ASPARGUS SPRENGERI.

135—Also called Emerald Feather and Abyssinian Parlor Fern. Perhaps the best new plant introduced in fifteen years. Sprays from 4 to 6 feet long. Flowers white, followed by red berries. Pkt., (15 seeds), 10c.

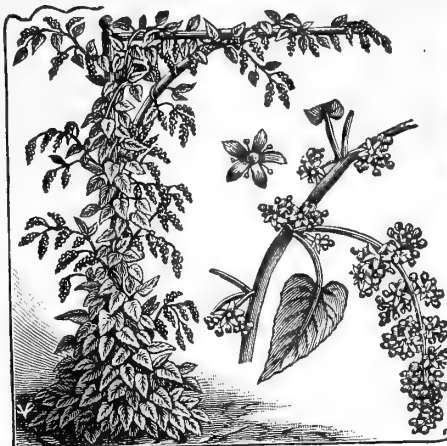
Vaughan's Manure for the Home Garden.

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 and produce fine vegetables.

Price, 5-lb. box, 30c.; 10 lbs., 50c.; 25-lb. bag, \$1.00; 50 lbs., \$1.60; 100 lbs., \$2.75.



VAUGHAN'S INVINCIBLE BALSAM.



BALLOON VINE NO. 305a.

BABY, OR FAIRY ROSES

New Dwarf Polyantha Roses.

Roses from seed the first year.

304—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, growing only about one foot high, and are very pretty in solid beds and borders. They are hardy and may be treated as annuals. Seed needs soaking in warm water for 48 hours. Pkt. (35 seeds), 10c.; 3 for 25c.

Baby Primrose. (See *Primula Forbesi*.)

Bachelor's Button. (See *Centaurea*.)

BALLOON VINE—Love in a Puff.

305—A rapid growing climber; thrives in light soil. One of the prettiest climbers. 5c.

305a—Hirsutum. A new kind of Balloon Vine producing its sweet-scented flowers in large clusters. A very desirable hardy climber. Pkt., 10c.



THE NEW GIANT, BROWALLIA.

BALSAM APPLE AND PEAR.

321—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.

BARTONIA AUREA.

Golden *Bartonia*.

323—One of the brightest garden flowers. It produces its large golden blossoms all Summer in great abundance; 1 foot high; 5c.

BLUE DAISY.

332—(*Agatheae Celestis*.) The flowers are the very counterpart of the Paris Daisy, but sky blue with a yellow disc; of easy growth, and produces flowers all the year. Also fine winter bloomer. Pkt. (120 seeds), 5c.

THE NEW GIANT BROWALLIA.

337—(*Browallia Speciosa Major*.) This new sort is without a doubt the most beautiful of all the *Browallias*. The plants grow only about a foot high, 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 another plant with blue flowers that compares with it. Pkt. (50 seeds), 10c.; 3 for 25c.

338—Browallia. Mixed. Pkt., 5c.

Balsams

Double Camellia Flowered.

These are (like *Asters*, *Pansies*, *Phlox* and *Stocks*) one of our specialties which we sell to our extensive florists' trade all over the country, and we know that our seed will produce fine, large double flowers in great abundance.

306—Snow White. **307—Pink.** **308—Scarlet.** **309—Light Lemon.** **310—Scarlet, spotted white.** **311—Solferino,** white, striped with purple scarlet. **312—Victoria,** satin white, spotted with scarlet.

313—Prince Bismarck. The coloring is a very bright and pleasing shade of salmon-pink, rich and glowing. The plants come into flower early and are most satisfactory as bedding plants.

314—Dark Blue. Per pkt. of a above, 5c.; any 6 for 20c.

VAUGHAN'S INVINCIBLE BALSAMS.

318—The finest mixture in cultivation. The flowers are very large, measuring from 2 to 3 inches in diameter, of perfect form, resembling the flower of the *Camellia*, and are as double. In fact, the petals are so densely produced that the yield of seed is extremely small, one single plant often producing not more than 5 seeds. The colors of the flowers are varied and brilliant, comprising pure white, crimson, white shaded lilac, rose, spotted, scarlet, blue, purple and many other tints. Pkt. (100 seeds), 15c.; 2 for 25c.

Begonias

325—Vernon. As a *Begonia* for outdoor bedding this has no superior. The plants bloom equally as well in the shade as in the brightest sun. It is one of the handsomest, most free-blooming plants. They grow very readily from seed, and bloom when the plants are quite small. Fancy a constant bloomer. Summer or Winter, which can be raised from seed. Pkt. (1,000 seeds), 10c.; 3 for 25c.

327—Single Tuberous Begonias. from prize-winning varieties, in finest mixture. Pkt. (500 seeds), 20c.

328—Double Tuberous Begonias. Flowers of elegant form and substance. All colors mixed. Pkt., 25c.

329—Rex Begonias. Ornamental foliage varieties. Pkt. (250 seeds), 30c.

Brachycome. *Swan River Daisy.* **333**—A dwarf free-bloomer, excellent for baskets and edgings; blue flowers. Pkt., 5c. **334**—White, 5c. **335**—Mixed, 5c.; ½ oz., 10c.

Cacalia. *Tassel Flower.* **340**—Pretty, free-blooming plants with tassel-shaped flowers, also called Devil's Paint Brush; of easy growth. Pkt., 5c.

Calampelis Scaber. **341**—A quick growing climber with orange-colored, tubeflowers. Pkt., 10c.

Bryonopsis. **339**—A beautiful Summer climber with palmette bright green foliage. It bears a cherry-like fruit which turns from green to brilliant scarlet, marbled with white. Pkt., 5c.

Calceolaria. **342**—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. (500 seeds), 25c.



BALSAM APPLE AND PEAR.

BALLOON VINE.



CALLIOPSIS, "VAUGHAN'S SPECIAL" MIXTURE.

Calliopsis, "Vaughan's Special" Mixture. **357**—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 for 25c.

Calendula OR POT MARIGOLD

Excellent for Bouquets and Vases.

345—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 Paeony. Color is a rich, dark orange. Pkt., 5c.; ½ oz., 12c.

346—Meteor. Beautifully imbricated flowers with orange stripes on pale yellow ground. Pkt., 5c.; ½ oz., 12c.

349—Mixed. The above and others. Pkt., 5c.; ½ oz., 10c.

New Large-Flowering Calla.

Calla Devoniensis

Blooming Callas from Seed in One Year.

551—The most beautiful and best Calla up to date. It produces from 3 to 4 times as many flowers as the older sorts. The seedlings come true and will bloom the first year. Its willingness to bloom is phenomenal, while its culture is of the simplest.

One year old plants often produce 6 flowers. They are pure white, large and are borne on stout stalks. Pkt., 25 seeds, 25c.; 3 or 65c.

Calliopsis

Will bloom until frost, thrive in any soil and require scarcely any care. Fine cut-flower.

353—Golden Wave. Plant very bushy and compact, about two feet in height, and covered from July to October with hundreds of beautiful golden blossoms 2 inches across. Pkt., 5c.; ½ oz., 10c.

354—Double Sorts, mixed. Pkt., 5c.

355—Dwarf Sorts, mixed. 15 in. high, 5c.

Lanceolata. See *Coreopsis*.

356—Calliopsis. All sorts and colors mixed. Pkt. (300 seeds), 5c.; per ½ oz., 12c.; oz., 20c.

Canary Bird Vine

An Excellent Climber for Shady Places.

376—This belongs to the Nasturtiums and is a rapid growing, delicate vine with clean, handsome foliage and an abundance of bright canary-yellow blossoms. Grows to a height of 15 to 20 feet. It is also a good climber and fine for stumps, rockeries, etc. It makes an excellent window vine for winter and when confined to pots does not get beyond control. 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.

NEW DWARF HYBRIDS.

379—This is 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; very good. Pkt. (250 seeds), 10c.; 3 for 25c.

SNOWFLAKE.

380—Extremely free-blooming new sort. The plants grow about 7 inches high, forming a very neat, round bush, covered with the finest pure white flowers. This is an excellent variety both for pot culture and bedding outside. A continuous bloom may be had throughout the Summer by repeated sowings at intervals of about two weeks. Pkt. (300 seeds), 10c.; ½ oz., 20c.

381—White Rocket. 1 foot. Pkt., 5c.; ½ oz., 10c.; oz., 15c.

382—Dwarf. Tom Thumb. Edging. Pkt., 5c.; ½ oz., 10c.

383—Lilacina. Purple lilac, 1 foot. Pkt., 5c.

384—Carmine. Dwarf; rich flowers. Pkt., 5c.

385—Odorata. Sweet-scented. Pkt., 5c.; oz., 15c.

386—Candytuft, all sorts and colors mixed. Pkt., 5c.; ½ oz., 10c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.00.

PERENNIAL CANDYTUFT.

388—Sempervirens. Pretty white flowers, Pkt., 5c.

389—Gibraltarica. Large flowers; lilac, shading off to white. Pkt., 5c.



Reproduced from Photograph; natural size of spike.

GIANT HYACINTH-FLOWERED CANDYTUFT.

New Giant Hyacinth-Flowered Candytuft.

390—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 inches long and about 3 inches across, resembling a Dutch Hyacinth. They are pure white, and furnish excellent material for cutting. Pkt. (800 seeds), 10c.; ½ oz., 20c.; oz., 30c.

CANDYTUFT—LITTLE PRINCE.

391—In appearance like the Giant Hyacinth-Flowered. The bushes grow only about 6 inches high, the spikes are very massive, pure white, and planted in a row or a mass the effect is very fine. It also makes a fine pot plant. Pkt., 10c.; ½ oz., 15c.

392—Rose Cardinal. See *Novelties*.



CANDYTUFT, QUEEN OF ITALY.

387—This new Candytuft is probably the most beautiful of all. The plants form dwarf compact bushes which are covered with very large pink blossoms. It is one of the best of plants for borders and carpet beds on account of its habit, beautiful color, and freedom of bloom. A row of this is a beautiful sight when in bloom. Pkt., 10c.; ½ oz., 20c.; oz., 35c.



NEW GIANT FLOWERED Canna CROZY TYPE

Bloom from Seed the First Summer.

Cannas from Seed. 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. There was no flower so greatly admired in our parks and our nursery during the Summer and Fall as the New Large-Flowering Cannas, and justly so, for they have no equals for stateliness, brilliancy and variety of colors and ever-blooming qualities. They produce flower spike after flower spike, and if carefully potted up in the Fall and kept in the house, they will continue to do so all Winter.

394—Giant Canna Mixture. Pkt. of 10 seeds, 5c.; 3 pkts., 12c.; oz., 25c.

395—Red Leaved Crozy Sorts. All the best varieties. Pkt. (15 seeds), 10c.; 3 pkts., 25c.

Vaughan's Mixture of New Cannas

396—This is a mixture of the 15 new varieties of Cannas raised in our own nursery. Our packages contain one seed of each of 15 different kinds and grand results may be expected from this seed. Pkt (15 seeds), 15c.; 2 for 25c.; per 100 seeds, 65c.

Canna Seed should be cut (at one of the points) about 1-16 of an inch and then soaked in warm water or hot water 24 hours. It treated this way and sown in January or February (in the house), blooming plants may be had in June

Canterbury Bells

(Campanula.)

Our packets contain from 500 to 700 seeds.

360—C. Bells. Special mixture of single and double varieties in the finest and most striking sorts. Pkt., 10c.; 3 for 25c.

361—Double Annual Varieties. In the finest mixture. Pkt., 5c.

362—Single Varieties, Mixed. Pkt., 5c.

Campanula Cup and Saucer.

(Calycanthema.)

363—A beautiful variety; a most desirable and attractive addition to this class of old garden favorites. The bell or trumpet is nearly 4 inches in diameter presents the form of a cup, hence its name; mixed colors. Pkt., 10c.

364—Calycanthema. White. **365—Blue** **366—Pink.** **367—Striped.** Each pkt., 10c.

368—Carpathica. Harebell, blue. 5c.

369—Alba. White. 5c.

370—Macrantha. Blue, large flowers. 5c.

371—Pyramidalis. Blue. 10c.

372—Pyramidalis Alba. White. 10c.

373—Perennial Sorts. In finest mixture. 5c



TYPE OF FLOWERS OF MARGARET AND CHABAUD CARNATIONS.



Giant Zanzibar Castor Beans.

430—The plants attain a height of 12 to 14 feet. The enormous leaves, beautifully lobed, measure 2½ to nearly 4 feet across. Each plant makes a perfect pyramid of foliage, thickly set from top to bottom with gigantic leaves. 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. Height, five to fifteen feet.

431—*R. Borboniensis Arboreus, Giganteus.* Immense green foliage. Height, 15 feet. Pkt., 5c.; oz., 10c.

432—*Sanguineus.* Beautiful brownish red foliage. Height, 6 feet. Pkt., 5c.; oz., 10c.

433—*Cambodgensis.* Large palm-like leaves of the darkest bronze maroon; stalk and stem nearly black. Height, 6 to 8 feet. Pkt., 5c.; oz., 15c.

434—*Castor Beans.* Many sorts mixed. Per oz., 10c.; lb. 70c.; pkt., 5c.

GARNATIONS

A. Varieties that Bloom the First Summer from Seed.

Guillaud Carnation.

400—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. Price, per pkt. (100 seeds), 25c.

Ever-Blooming or Chabaud Carnation.

401—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), 10c.; 3 for 25c.

Margaret Carnation.

402—*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.

Three Splendid New Carnations.

414—*Marie Chabaud.* The Flowers of this new kind are large, double, of splendid form and deliciously sweet. In color they are of pure canary yellow with a great percentage of flowers coming true. It is the best of all the Yellow Carnations that can be raised from seed. The plants bloom in six months after sowing. Pkt. (50 seeds), 25c.; 3 pkts. for 65c.

415—*Jennie Dionis.* This is also a plant of great merit for cut-flowers. The plants grow about fifteen inches high, and produce a great many flower spikes. The flowers are very large, symmetrical, very double and sweet and are of purest white. The seed comes almost absolutely true, and produces but a very small percentage of single flowers. Pkt. (50 seeds), 25c.; 3 pkts. for 65c.

“*Glowing Coal;*” 416—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. (15 seeds), 25c.

SPECIAL OFFER, No. 101—One packet each of the above 3 new Carnations for 60c.

Vaughan's "Special" Carnation Mixture.
All Bloom the First Summer.

425—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.

Coxcomb, President Thiers.

437—One of the most dwarf of all Coxcombs, bears large 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 made one of the most brilliant strips of border bedding. It is also a very handsome pot plant. Pkt. (250 seeds), 10c.; 3 for 25c.

438—*Dwarf Coxcomb.* Splendid mixture, with crimson, pink, golden and striped combs. Pkt., 5c.

439—*Tall Sorts Coxcombs.* Mixed. Pkt., 5c.



COXCOMB, PRES. THIERS.

New Giant Margaret Carnation.

403—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 three inches 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. Our seed is from the originator and can be relied upon to produce large flowers in an almost endless variety of colors. Pkt. (125 seeds), 15c.

New Dwarf Margaret Carnation.

405—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. The plants grow about 15 inches high, flowers always erect. If taken up in the Fall the plants bloom all winter. All colors mixed. Pkt. (125 seeds), 10c.; 3 for 25c.

Also 406—Pure White. 407—Pink. 408—Crimson. 409—Striped. Pkt., 10c.; 1 pkt. each of the 4 for 25c.

410—*Double Margaret Carnation.* Fine double mixed. ½ oz., 20c.; pkt. (120 seeds), 5c.

B. Carnations that Bloom the Second Summer from Seed.

Double Dwarf Vienna.

420—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., 5c.

421—*Early Red Grenadin.* For yielding a quantity of double red flowers there is no outdoor Carnation that can equal it. It will live through the Winter with little protection. Pkt., 5c.

422—*Double White Grenadin.* Our seed will produce over 80 per cent double white flowers of good form and substance. Pkt., 10c.

423—*Carnations, Extra Choice Mixed.* Saved from a rich collection of named flowers, and will produce fine varieties. Pkt., 10c.

424—*Carnations, Fine Double Mixed.* Sweet-scented sorts, large, double flowers. Pkt., 5c.

SPECIAL OFFER, No. 118—One pkt. each Dwarf Margaret Carnation, Margaret Centaurea and Mammoth Rainbow Coleus for 25c.

SPECIAL OFFER, No. 119—One pkt. each New Dwarf Margaret Carnation, President Thiers Coxcomb, Zanzibar Castor Bean for 20c.

Celosia Spicata.

445—Handsome annual from the East Indies, forming strictly upright, well branched pyramids of about 2½ feet in height and producing at the summit of each branch cylindrical spikes of flowers of 2½ to 4 inches in length. The color of the flower spikes is a fresh bright rose when opening, later on the flower part of the spike changes into a silvery white. The plants make a fine display in the garden, but are equally useful for indoor decorations when shifted into pots. Pkt., 10c.

446—One of the most dwarf of all Coxcombs, bears large 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 made one of the most brilliant strips of border bedding. It is also a very handsome pot plant. Pkt. (250 seeds), 10c.; 3 for 25c.

438—*Dwarf Coxcomb.* Splendid mixture, with crimson, pink, golden and striped combs. Pkt., 5c.

439—*Tall Sorts Coxcombs.* Mixed. Pkt., 5c.

Celosia, Ostrich Feather.

The plant grows about 3 feet 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 easy of culture.

440—*Crimson Ostrich Feather,* } Each, per
441—*Orange Ostrich Feather,* } pkt., 5c.

Celosia, Triumph of the Exposition.

442—The foliage is of a handsome bronze color, with fine feathery flower heads. In brilliancy of color and marvelous effect they are only equaled by the Scarlet Sage, with the advantage of beginning to bloom early in the Summer, lasting the entire season. Pkt., 10c.

443—*Feathered Varieties in Finest Mixture.* Pkt., 5c. See also novelties.

GENTAUREA.

NEW GIANT SWEET SULTAN.

*Centaurea
Imperialis*

This new *Centaurea* represents the best that has been produced in these beautiful Summer-blooming plants. The bushes are about four feet high, and are covered with large beautiful flowers of the form and fragrance of *Centaurea Margaret*. The flowers will keep for over a week in water, if cut just when they are about to open. It is of easiest culture. If a package is sown every two or three weeks until July, a constant succession of bloom can be had throughout the whole Summer and Fall.

This is one of the best of the hardy cut-flowers.

448—Pure White. One of the best white flowers for cutting; extremely large, sweet and beautiful.

449—Armida. Very delicate color; pink with white tinge.

450—Favorita. Brilliant rose.

451—Graziosa. Intense dark lilac.

452—Splendens. Brilliant dark purple.

453—Variabilis. White, marked purple, fading to rose.

Price of any of above six kinds:—Per oz., 75c.; $\frac{1}{2}$ oz., 25c.; pkt., 10c.

Any 3 pkts., 20c.; 6 pkts., 1 of each kind, for 35c.

454—New Giant Fragrant Sweet Sultan. All colors mixed. Per oz., 50c.; $\frac{1}{2}$ oz., 25c.; $\frac{1}{4}$ oz., 20c.; pkt., 5c.

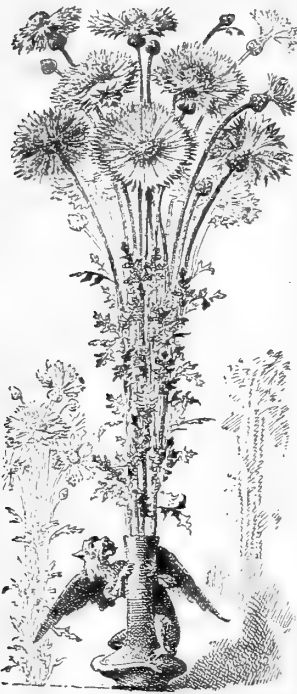
455—Bachelor's Button, or *Centaurea Cyanus*. Very free-blooming hardy annual; also called Blue Bottle, Ragged Sailor, Korn Blume, etc., Mixed colors. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.; 2 oz., 25c.

456—Blue Emperor, Corn Flower. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.

457—Double Corn Flower. In addition to its doubleness, this strain contains a number of new shades. Pkt., 5c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.

463—Double White. Pkt., 5c.

464—Double Sky-Blue. Pkt., 5c.



GIANT SWEET SULTAN, ONE OF THE BEST CUT-FLOWERS.



BLUE EMPEROR, CORN FLOWER.

PERENNIAL CHRYSANTHEMUMS.

459—*Centaurea Suaveolens*, or Yellow Sweet Sultan. This deserves to be in every garden. The plant grows about 2 feet high and its double flowers are large, sulphur yellow and sweet-scented, borne on long stems and splendid for bouquets. Plant in a dry place. It blooms all summer. Pkt., 5c.; $\frac{1}{2}$ oz., 20c.; oz., 35c.

"Vaughan's Special" Mixture of Centaureas

460—Includes all the above annual *Centaureas* and a packet will produce the loveliest cut-flowers all summer. Large pkt., 10c.; 3 for 25c.; $\frac{1}{2}$ oz., 30c.; oz., 50c.

CENTAUREA, OR DUSTY MILLER.

461—*Candidissima*. Leaves silvery white. 10c.

462—*Gymnocarpa*. Silver gray foliage. 5c.
These are planted for bedding, not for flowers.

470—*Centrosema Grandiflora*. Pkt., 5c.

ANNUAL CHRYSANTHEMUMS, See also Novelties.

471—C. Double White. 2 feet. Pkt., 5c.

472—Double Golden Yellow. 2 feet. Pkt., 5c.

474—*Inodorum Plenissimum*. It furnishes double snow-white flowers in great abundance through the Summer and Fall. 2 $\frac{1}{4}$ feet. Pkt., 5c.

475—Eclipse. Yellow, with purple ring. Pkt., 5c.

476—The Sultan. Crimson maroon. single. 5c.

477—Golden Feather. Foliage striking yellow; flowers white with a crimson ring near center, single. Pkt., 5c.

478—Double Annual Chrysanthemums. A fine mixture. Pkt., 5c., $\frac{1}{2}$ oz., 10c.

ANNUAL CHRYSANTHEMUMS.

479—Single and double sorts in finest mixture, including many new varieties not listed above. Pkt., 10c. 3 for 20c.; $\frac{1}{2}$ oz., 25c.

"CHAMELEON."

473A. An extremely pretty large-flowered new variety of this showy hardy annual. The ground color of the flowers is a light coppery-bronze with a bright purplish crimson zone during the first few days, the blackish purple disk being surrounded by a golden yellow circle; a few days later the coppery-bronze changes into a clear orange-cream while the colorings of the zone and circle remain. These four distinct colors on one flower combined with the different colored flowers on one plant produce a beautiful contrast. Pkt., 10c.

Chinese and Japanese Chrysanthemums.

480—The seed we offer is saved from a collection of 50 different varieties, both Chinese and Japanese, and excellent results may safely be expected. If this seed is sown in February and March, and properly treated (cultural directions are printed on the bags) the plants will bloom profusely next Fall equal to any plant started from cuttings. Pkt. (100 seeds) 15c.; 2 pkts. for 25c.



CLEOME PUNGENS



CINERARIA HYBRIDA.

481—Maximum. Large or Ox-eyed Daisy. A free-blooming, hardy perennial, 2 feet high, literally covered with pure white flowers, which are well adapted for cutting; lasting over a week in water. Pkt., 5c.

"PRINCESS HENRY."

483—*Chrysanthemum Maximum*. The finest and most valuable of the hardy *Marguerite* or *Ox-eye Daisy* varieties. The plants grow only about 18 inches high, are globular shape and very decorative; the flowers open to 4 inches and more in diameter, and give an abundant and very handsome material for cutting. It comes true from seed. It is not particular as to soil, and comes up every Summer in the same beauty for years. Pkt. 10c.; 3 for 25c.; $\frac{1}{2}$ oz., 35c.

482—*Frutescens*, Paris Daisy or Marguerite. Large, white, star-shaped flowers. Pkt., 5c.

CINERARIA

486—Vaughan's International Mixture. 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 in the most brilliant colors. We sell a large quantity to florists who often sell their plants for \$1.00 each. Pkt., (200 seeds), 25c.

487—*Cineraria Hybrida*, Mixed. Pkt., 10c.

488—Double *Cinerarias*. Extra fine mixed. Pkt., 25c.

490—See novelties.

500—*Clarkia*. Single and double sorts. Pkt., 5c.

502—*Clematis*, Large Flowering. Beautiful climber, with lovely flowers, blue, white, purple, etc. Hardy, can remain in a permanent situation. Mixed. Pkt., 10c.

503—*Clematis Paniculata*. Pkt., 5c.

CLEOME PUNGENS.

A Splendid Honey Plant, in Bloom all Summer.

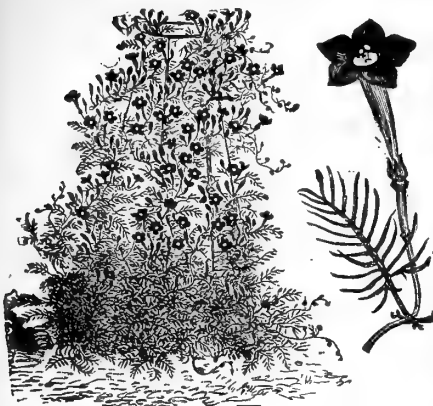
506—It is a plant that is in bloom every day of the season, whether the weather be hot or cold, wet or dry, covered with bees all day long. Per oz., 25c.; $\frac{1}{2}$ oz., 15c.; pkt., 5c.

507—*Clianthus Dampieri*, 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 feet high and bear in clusters 5 or 6 the most beautiful red flowers. Pkt., (10 seeds), 10c.; 3 for 25c.

FLORAL BUTTERFLY PLANT.

Commelina Sellowiana.

508—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.



CYPRESS VINE. (*Ipomoea Quamoclit.*)

This has the most graceful and beautiful dark green feathery foliage of all the garden vines. For a neat trellis or ornamenting the trunks of young trees it is hardly excelled.

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 ten feet; if planted fairly thick in a good soil will make a dense screen of the most exquisite foliage and flowers.

555—White. 556—Pink. 557—Crimson. Each, 5c.

558—Cypress Vine. Many Colors. Mixed. Oz., 25c.; ½ oz., 15c.; Pkt., 5c.



MAMMOTH RAINBOW COLEUS.

516—The handsomest foliage plant obtained from seed. These Coleus are quite different from those commonly used in beds and borders, and, in fact, form an entirely new race. The plants reach a height of from 2 to 3 feet; the leaves often measure 10 inches in length and 8 inches 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. Their culture is very easy, no one can fail with the seed, and with rich soil and plenty of water the most gratifying results may be had. Grown either in the garden or in pots, they are very handsome. Pkt. (250 seeds), 15c.; 2 for 25c.

517—Coleus. Many fine varieties, mixed. Pkt. (150 seeds), 5c.

COREOPSIS LANCEOLATA.

Better than Yellow Cosmos.

536—This is one of our very best of the hardy perennials, which will bloom from seed the first Summer. Flowers, large, single golden yellow. For generosity of bloom there is nothing to compare with it, and it will bear cutting far better than any other plant; at the same time it is always graceful. The roots will live through the winter with little protection. Pkt., 5c.; ¼ oz., 15c.



COBÆA VINE.

509—One of the handsomest and most rapid growing annual climbers, running up to 30 feet in a season. The flowers are bell-shaped and of a purplish lilac when full grown. It is a very prolific bloomer and perfectly hardy. For a quick growing climber, 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. Per Pkt., 5c.; ¼ oz., 15c.

510—Cobæa, White. Pkt., 10c.
511—Cobæa, Mixed. Pkt., 10c.



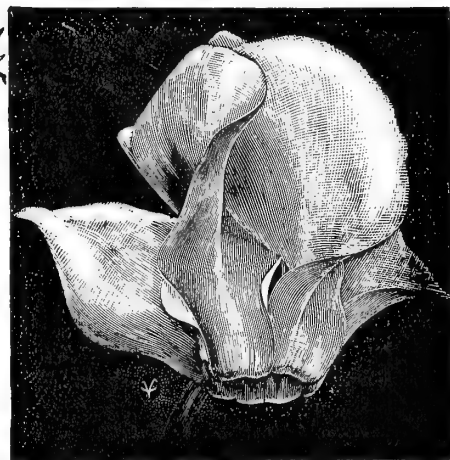
EARLY FLOWERING COSMOS.

537—Grace, daintiness and brilliancy are the characteristics of this pretty flower, with its yellow heart encircled with broad, deep-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. A couple of years ago the Cosmos bloomed with the Chrysanthemum, and, being rather more tender, often died an untimely death by frost just at its first blossoming, so that it was almost useless to plant it in Northern sections, but since this Early Flowering strain has been produced it may now be had in bloom from July to November. It grows and blooms with the greatest freedom in any soil, but repays right royally the best care you can give it. Price, pkt. (150 seeds), 10c.; 3 pkts. for 20c.; ¼ oz., 30c.



Cyperus, or Umbrella Plant.

553—Grows finely in water with rich soil or mud, throwing up long stalks with narrow green leaves. Easily raised from seed. Pkt., 10c.



Giant-Flowered Cyclamen.

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.

545—C. Mont Blanc. Snow white, large.
546—White, with pink eye.
547—Roseum. Lovely pink.
548—Dark Crimson. Deep rich color.

Any of the above, per Pkt. of 10 seeds, 15c.

549—Cyclamen, Giant Flowered. Mixed. 25 seeds, 25c.; 10 seeds for 10c.

550—Cyclamen Persicum. The Persian Violet. Mixed colors. Pkt. (20 seeds), 5c.

Special Offer No. 137. One pkt. each, Giant-Flowered Cyclamen, mixed, (10 seeds), Cosmos Dawn, Cyperus or Umbrella Plant and Cobæa, mixed, for 25c.

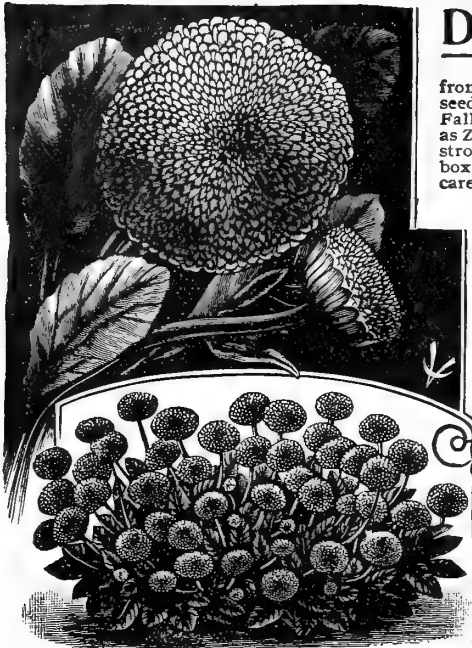
DWARF EARLY-FLOWERING COSMOS "DAWN."

538—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. It is a decided, most attractive and useful novelty. Pkt. (150 seeds), 10c.; 3 pkts., 25c.

539—California Giants, mixed. Pkt., 5c.; ½ oz., 15c.

540—Cosmos, Giant White. Pkt. 5c.; ¼ oz., 10c.

541—Cosmos, Giant Pink. Pkt., 5c ¼ oz., 10c.



VAUGHAN'S MAMMOTH DAISY.

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 DAISY. 576—For size of Flowers and Doubleness these have no equals. The flowers average 1½ to 2 inches 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 DAISY—White. 577—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.

578—SNOWBALL. Long stem and large double white flowers. Pkt., 5c.

579—LONGFELLOW. Dark pink flowers usually large and double; very long and stiff flower spikes. Pkt., 5c.

580—DOUBLE DAISIES in best mixture, including Snowball and Longfellow. Pkt. (250 seeds), 10c.

581—DOUBLE DAISIES. Good mixed. Pkt. (250 seeds), 5c.

582—Burbank's New Shasta. See novelties.

DELPHINIUM OR LARKSPUR Perennial Larkspur. **600—Pillar of Beauty** (*Formosum Caestinum*). One of the handsomest of hardy perennials; flowers very charming delicate blue. Pkt., 10c.

601—Double Flowering Hybrids. Flowers large and double. A splendid cut-flower and ornamental plant. Many shades of colors in finest mixture. Pkt., 10c.

602—Formosum. Bright blue. Pkt., 5c.; ¼ oz., 20c.

604—Zalil. Sulphur yellow, one of the most beautiful hardy perennials; the flowers resemble the finest Orchids. Pkt., 10c.

Chinese. 606 White. 614 Blue, or mixed. 615 Each; Pkt., 5c.; ¼ oz., 15c.

607—"Vaughan's Special" Mixture of Perennial Larkspur includes, besides the above sorts, the following choice sorts: Cashmerianum, caucasicum, glabratum, truncatum and a choice strain of Lemoine's Hybrids. 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 perfectly double. Pkt., 25c.

608—Kelway's New Hybrids. See novelties.

Giant Hyacinth-Flowered Larkspur. **610—**This hardy annual derives its name from the striking resemblance of the flowers to a double Hyacinth. The plants grow from 2 to 3 feet high; the colors are both brilliant and delicate. Their culture is the easiest possible; the seed should be sown early where the plants are intended to remain. Mixed. Pkt., 10c.; 3 for 20c.

Annual Larkspur. **611—Double Dwarf Rocket.** Pkt., 5c.; ¼ oz., 15c.

612—Double Tall Rocket. Mixed. Pkt., 5c.; ¼ oz., 12c.; oz., 30c.

613—Emperor. Produces an abundance of long, slender flower spikes in the most delicate colors. Many colors mixed. Pkt., 5c.; ¼ oz., 10c.

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.

643—Monstrosa. A remarkable Foxglove. Very large, bell shaped terminal flowers. Height, 4 feet. Pkt., 10c.

644—Grandiflora. Bright yellow flowers, distinct. Height, 3 feet. Pkt., 5c.

645—"Vaughan's Special" Mixture contains all the above and many others. Pkt., 10c.; 3 for 25c.

646—Mixed. Many kinds. Pkt., 5c.; ¼ oz., 20c.

Dahlia Seed See Also Novelties.

But few people know that Dahlias can be raised from seed and will bloom the first year. The seed 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 out they will prove no more trouble than if the tubers had been used instead of seed.

563—Best Mixture of Double Dahlias. Large-flowering Pomponne, Cactus and Liliput. Pkt. (65 seeds), 15c.; 2 for 25c.

564—Double Dahlias. Good mixed, many fine varieties. Pkt., 5c.

565—Double Cactus—Flowered. An extra fine strain of this favorite type. Pkt. (75 seeds), 15c.; 2 for 25c.

566—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 inches across, of the most bewildering variety of coloring. 1 Pkt. (100 seeds), 10c.

568—Mixture of Single Dahlias. Including all the novelties. Pkt., 5c.

569—Zimpani, or Miniature Black Dahlia. (Also called Black Cosmos.) Pkt., 5c.



Dahlias

From Seed.

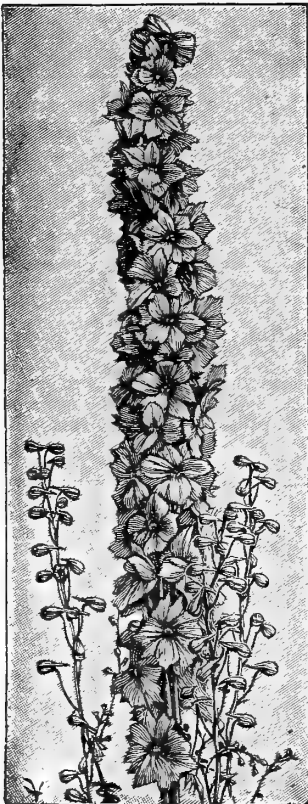
VAUGHAN'S SPECIAL DAHLIA MIXTURE. 570—Will produce flowering Dahlia plants this Summer. This mixture contains seeds from the best collections in Europe and embraces all the various strains of Double Flowering Dahlias, such as Show, Pomponne, Liliput and Cactus varieties, also the single-flowering and striped sort, and the novelties on page 38, 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.

DATURA OR TRUMPET FLOWER. **590—Datura Cornucopia,** (Horn of Plenty). For a showy plant Datura is excellent. The grand trumpet-shaped flowers measure from 7 to 9 inches in length and nearly 6 inches 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.

591—Golden Queen. Compact, bushy plants, 2½ feet high, having numerous brilliant yellow showy flowers of gigantic size, often ten inches long and often very double. Pkt., 10c.

592—Datura Double White. Pkt., 5c.

593—Many Colors Mixed. Pkt., 5c.



TYPE OF PERENNIAL LARKSPUR.



DIGITALIS, OR FOXGLOVE.

DIANTHUS Hardy Garden Pinks.

See also Novelties

For beautiful and lasting cut flowers, ease of culture and freedom of bloom, these Hardy Garden Pinks have no superior among Annuals.

DOUBLE ANNUAL PINKS.

- 620—**Double Chinese Pinks.** Our mixture of this strain is extra good and contains a large variety of colors. Pkt., 5c.; ½ oz., 15c.; oz., 30c.
- 621—**Double Striped and Fringed.** One of the finest of the whole family. The flowers, which are very large and double, are beautifully fringed; greatest variety of colors. Pkt., 5c.
- 622—**Double Imperial Pink.** Mixed. Pkt., 5c.; ½ oz., 15c.
- 623—**Mourning Cloak.** The most striking of all Pinks. The large, double, almost black flowers have a clear fringed edge of white. Pkt., 5c.
- 624—**Vaughan's Improved Double Japan Pinks.** This is a strain superior to any we have previously had. 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.; ½ oz., 20c.
- 625—**Snow Queen Pink.** This is an extra fine selection of the large flowering double white Japan Pink, the very best strain we have ever seen. The flowers are extremely large, often three inches in diameter and resemble a white carnation. They are produced in great abundance and are borne on long stiff stems, which, combined with the lasting qualities, render them one of the prettiest of white flowers. Pkt. (150 seeds), 10c.
- 626—**Vaughan's Mixture of Double Pinks.** All of the above Double Flowering Pinks and many others in splendid mixture. Pkt. (250 seeds), 10c.; ½ oz., 25c.; oz., 40c.

SINGLE CHINESE PINKS.

- 627—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; they are showy and handsome, are excellent as cut flowers and bloom all Summer long. Pkt. (300 seeds), 10c.

NEW ROYAL PINKS.

- 630—*Dianthus Hedewigi Nobilis.* An improvement of the old-fashioned Indian Pink. The flowers are of a beautiful shape and from 3 to 4 inches in diameter. The petals are frilled and fringed, giving the flower a graceful appearance. The colors are, first of all, a deep yet very bright blood red, then shade to carmine and pink and even white. First-class cut-flowers, which will keep a full week in winter. Pkt., 10c.; 3 for 25c.; ½ oz., 40c.

VAUGHAN'S MIXTURE OF SINGLE PINKS.

- 628—This mixture is a selection from the choicest sorts in cultivation. The flowers are extraordinary large, of handsome form and embrace the most beautiful colors, ranking from white to the most delicate pink and deep, glowing crimson. For beds and cut flowers. Pkt. (250 seeds), 10c.; ½ oz., 25c.; oz., 40c.

VAUGHAN'S SPECIAL Mixture of Hardy Garden Pinks.

- 629—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, as we know it will give entire satisfaction. Pkt. (300 seeds), 10c.; 3 for 25c.; ½ oz., 30c.

HARDY PERENNIAL OR JAPANESE CLOVE PINKS.

- 635—**Plumarius.** (Pheasant's Eye Pink.) Handsome single fringed flowers, white with dark center. Pkt., 5c.
- 636—**Plumarius, Fl. Pleno.** Double, large-flowering Pheasant's Eye Pink, with fringed edges of various colors, mixed. Pkt., 10c.
- 637—**Cyclops Perpetual Blooming Pinks.** A new strain of great beauty. The plants grow from 12 to 15 inches high; 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. If sown early, they bloom the first Summer. Pkt. (100 seeds), 10c.



TYPES OF VAUGHAN'S "SPECIAL MIXTURE" HARDY GARDEN PINKS.



THE GOLDEN WEST.

ECHEVERIA (Hen and Chickens).

These plants are easily and cheaply grown from seed.

- 660—**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. 25 seeds, 10c.; 100 seeds, 35c.; 250 seeds, 75c.

EDELWEISS. 664—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.

Special Offer No. 126—One packet each, Vaughan's Improved California Poppies, Vaughan's Special Mixture of Hardy Garden Pinks, Edelweiss and Pheasant's Eye Pink, "Cyclops," for 35c.

ESCHOLTZIA—California Poppies

Hardy plants, bearing a profusion of richly colored flowers. Sow the seeds where the plants are wanted to bloom.

- 669—**"Rosy Morn."** A distinct new shade, producing flowers of a form hitherto unknown in the Escholtzia species. 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, which will, we feel confident, gain admiration and praise wherever cultivated. Large Pkt., 10c.; 3 for 25c.
- 670—**Douglasi.** We can confidently recommend this new California Poppy on account of its 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.
- 671—**E. Maritima.** A very pretty sort, whitish gray.
- 682—**Double Sorts, 680, White, 681, Rose, 682, Yellow.** 684, Mixed. Each pkt., 10c.
- 685—**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.
- 673—**Mandarin.** Deep orange; a beautiful sort. 5c.
- 672—**Rose Cardinal.** Very cep carmine. 5c.
- 674—**California.** Yellow. 5c.; oz., 15c.
- 675—**"The Golden West."** The flowers of this grand new variety measure from 3 to 6 inches in diameter; they have very large, overlapping petals, often daintily waved at the edges. They are of various forms, some flat, some cup-shaped, others very deep with flaring edges. They are of a light canary-yellow color with an orange blotch at the base of the petals, which blotch often suffuses almost the whole flower. They are decidedly beautiful. Large Pkt., 10c.; 3 pkts. for 25c.
- 676—**Fine Mixed.** Many colors. Pkt. 5c.; ½ oz., 10c.; oz., 20c.; 2 ozs., 30c.; lb., \$1.25.



GOMPHRENA, OR GLOBE
AMARANTH.



Bouquet of ornamental
Grass and Ever-
lastings.

653—Echinacea Hybrida. These truly magnificent new hybrids were obtained by crossing different Rudbeckias on the Echinacea purpurea and E. angustifolia. The flowers differ greatly in size and shape, some are long and narrow-petalled; 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., 25c.

655—Erigeron—"Orange Daisy" New Hybrids. Beautiful hardy perennials with large flowers, varying in all shades from white to rose and from yellow to light and deep orange. A splendid spring flower. Pkt., 20c.

656—Erigeron Grandiflora Elatior. A fine cut-flower. It blooms very early and free. Color pale lilac. Pkt., 20c.

658—Eryngium Planum. An A. No. 1 cut flower. The plants grow from 3 to 4 ft. high, flowers blue. Of easiest culture and as hardy as an oak. Pkt., 10c.



FORGET-ME-NOT, or Myosotis.

They succeed best in a damp, shady situation, but will thrive well in any garden soil.

700—Vaughan's Early and Late Flowering. 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. The flowers are borne on long, stiff stems, are of most exquisite sky blue with a delicate white center and they furnish the prettiest cut flowers one could wish. Forget-me-nots will, like other plants, respond to good treatment, but they are satisfied with moisture and a somewhat shaded position. Pkt., (150 seeds) 10c., 3 for 25c.

701—Blue Alpine. Pkt., 5c.

702—White Alpine. Pkt., 5c.

703—Eliza Fanrobert. Flowers large sky-blue, with clearly defined yellow eye. Pkt.; 5c.

704—Victoria. The flowers are large and of a bright azure-blue, with yellow centers. The plants form neat bushes completely covered with blooms. A valuable variety for cut flowers. Pkt., 10c.

705—New White Victoria. Pkt., 10c.

706—New Pink Victoria. Pkt., 10c.

707—The Three Victorias. Mixed. Pkt., 10c.

708—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 when in full flower of sheet of blue. Pkt., 10c.

709—Forget-Me-Not. Mixed. Pkt., 5c.

Everlasting Flowers.

These are not only very ornamental during the summer, but very pretty for Winter decoration, lasting for years when cut and dried.

690—Ammobium. White, on long stems.

691—Acroclineum. Double and single.

692—Helichrysum. All colors mixed; splendid for bouquets; can be dyed any color.

693—Gomphrena. Clover-like heads, mixed.

694—Rhodanthe. Mixed, very pretty sort.

695—Xeranthemum. Double; mixed. All of these will grow in common garden soil.

Any of above, pkt., 5c.; any 3 for 10c.; one pkt. each of the six, 15c., postpaid.

Ornamental Grasses.

696—These are most useful for Winter bouquets; they are made into bouquets with Everlasting Flowers. They are easily grown in any soil. Pkt., 10c.; 3 for 20c.

Pennisetum Longistylum.

1248—An Abyssinian Grass with long feathery bearded bristles. Effectively used to border Cannas at the St. Louis World's Fair and at our trial grounds at Western Springs. Pkt., 10c.

Pennisetum Rupelianum.

1249—Belongs to same family as preceding but the spikes are longer and more graceful. An annual in the northern states and seed should be sown each year. Pkt., 10c.



FOUR O'CLOCKS

or Marvel of Peru.

This is another good old-fashioned flower. This plant bears 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. The plants grow into little shrubs two or more feet high and about three feet across, therefore it is necessary to give them plenty of room to develop in.

711—Four O'Clocks, Mixed. Includes variegated leaved sorts. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

712—Sweet Scented. (Longiflora.) Flowers white and very fragrant. Pkt., 5c.

713—Variegated-Leaved Sorts. In finest mixture. Oz., 15c.; pkt., 5c.

714—New Dwarf Sorts. These are fine plants, growing about 12 inches high, each forming a bush covered with flowers. All colors mixed. Pkt., 5c.; oz., 15c.



Fuchsia.

719—Well known house plants. They bloom the first year from seed if sown reasonably early. Double and single varieties mixed. Pkt., (50 seeds) 15c.



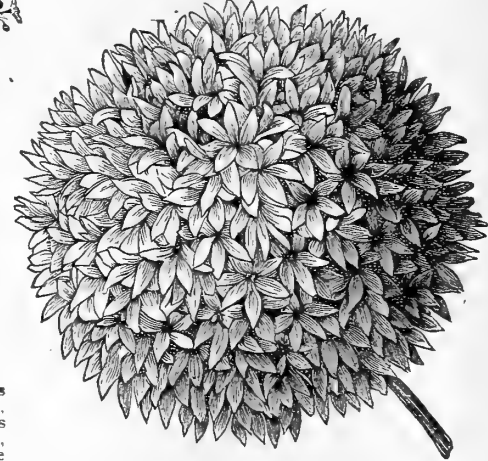
GAILLARDIAS.

724—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., 5c.

Kelway's Hardy Gaillardia.

725—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. This is one of the hardy perennial plants that no garden should be without, and it might by rights be called an everblooming plant, since it bears flowers for about three months. Our seed is from Kelway direct. Pkt., 25c.; 3 for 65c.

Hardy Gaillardias will bloom from seed the first summer if sown early.



Gaillardia, or Blanket Flower.

723—Perfection. The beautiful annual Gaillardia (Lorenziana) is undoubtedly one of the most valuable annuals we have for cut flowers. This variety, an improvement on the above sort, produces very double flowers as round as a perfect ball, in the most varied color, and are borne on long, slender stems; when cut will keep over a week. Pkt., 5c.

Glauicum Tricolor—New Horn Poppy

740—Remarkable hardy annual Horn Poppy, about 2½ feet in height. Its large, fine shaped flowers, 3 to 4 inches in diameter, are of the most brilliant orange-red with black or yellow spots at the base of each petal. This orange coloring is of great effect and very rare amongst annuals and biennials. 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.

Gloxinias from Seed.

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. You should try these grand orchid-like flowers.

738—Gloxinia International Mixture. The best strain in existence. Pkt., 25c.

739—Gloxinia. Fine mixed. Pkt., 10c.

750—Golden Rod. Pkt., 5c.



GERANIUMS FROM SEEDS.

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.

- 730—**Splendid Mixed.** Planted early, they bloom the first Summer. Pkt., 5c.
- 731—**Zonale Varieties.** Saved from some of the finest collections and many choice and even entirely new varieties may be expected. Pkt., 10c.
- 733—**Lady Washington.** Pkt. (25 seeds), 20c.
- 734—**Apple-Scented.** Fragrant. Pkt. (25 seeds), 10c.

Geranium—New Large-Flowering.

732—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.

735—**Geum Coccineum Plenum.** Flowers bright scarlet, double; last well when cut. Pkt., 5c.

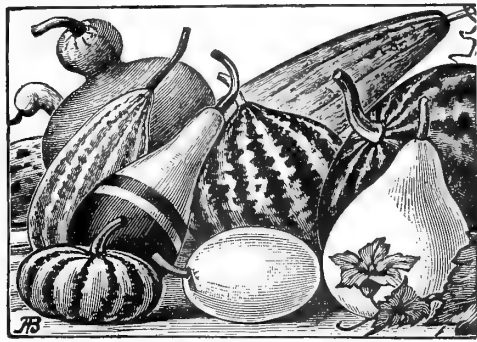
NEW GILIA SNOWBANK. *Gilia Dichotoma.*

736—The handsomest, most useful and decorative of the Gilia family. The plants grow about 8 inches high and are actually smothered with flowers, which are of snowy whiteness. When planted in a border the effect produced is similar to a ribbon or bank of snow, so completely hidden are the foliage and flower stalks. This plant is useful for all sorts of bedding, especially for park and cemetery work. Pkt., 10c.



GODETIA. Of hardy annuals none are more beautiful than these. 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. A child can grow them.

- 746—**Godetias.** Many sorts and colors, mixed. 1/2 oz., 12c.; pkt., 5c.
- 747—**Dwarf Sorts, Mixed.** Every plant will form a neat little globular bush covered with pretty flowers. Pkt., 10c.; 3 for 25c.



ORNAMENTAL GOURDS.

A GOOD CLIMBER.

These are rapid growing climbers, therefore desirable for many places where an immense amount of vine is wanted quickly. Most sorts are good for twenty to thirty feet in a season and the blossoms of some are quite striking and handsome. Particularly is this the case with the Luffa or Dish Cloth Gourd. With all sorts the fruit is unique and ornamental, and often useful. If you have an old tree, dead or nearly so, Gourds will cover it to perfection. The small, fancy Gourds are excellent toys for children, while the larger Gourds may be used as dip-pers, sugar troughs, or bowls.

- 760—**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. Pkt., 5c.
- 761—**Sugar Trough.** They have thick shells which are very light but durable. Pkt., 5c.
- 762—**Dipper Gourd.** Valuable for household purposes; makes an excellent dipper. Pkt., 5c.
- 763—**Japanese Nest Egg.** Resembling in color, shape and size the eggs of hens; are uninjured by cold or wet, and therefore make the best nest eggs. Pkt., 5c.
- 764—**Hercules Club.** Grows 3 to 4 feet long. 5c.
- 765—**Large Bottle Gourd.** Handsome and useful. Pkt., 5c.
- 766—**Ornamental Pomegranate, or Queen Anne's Sweet-Scented Pocket Melon.** A very Curious and useful fruit. It makes a pretty vine and a very showy fruit, which has a delicious perfume; carried in the pocket or laid on the mantle it imparts a delicious fragrance; served with sugar it makes a dainty dessert. Pkt. (20 seeds), 5c.
- 767—**Gourd Orange.** The well-known Mock Orange. Pkt., 5c.
- 768—**Pear Shaped.** Striped yellow and green. Pkt., 5c.
- 769—**Turk's Turban.** The most peculiar of all. Pkt., 5c.
- 770—**Mixed Gourds.** All the above and many others. Pkt., 5c.; 1/2 oz., 15c.; oz., 25c.
- 775—**Gourd.** 10 different kinds, 30c.
- 776—**Collections.** 6 different kinds, 20c.

HORNED AFRICAN CUCUMBER.

813—The vine is handsome and exceedingly luxuriant. One hill will cover a trellis at least 10 feet square with a solid sheet of dark green through which the sun cannot penetrate. It is the fruit, however, which is the most curious and distinct feature. When the fruits ripen they turn a brilliant orange and yellow, and are then highly ornamental. These ripe fruits will keep sound and perfect for weeks. The young fruits make most excellent pickles, and from this state up to their full size they can be eaten green. Pkt., 10c.; 3 for 25c.

HELIOTROPE.

Among fragrant flowers Heliotrope is one of the sweetest. It is well adapted for bedding out during summer, where it produces an abundance of bloom. It is a splendid pot plant for summer blooming, and may be made to produce flowers through the winter months with proper care. They are easily grown. They produce flowers in all shades of blue, also white. Nothing is finer for bouquets, they are so dainty, and the sweet vanilla odor is liked by all.

Mammoth Flowering Heliotrope.

- 791—**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.)



GREVILLEA—SILK OAK

GREVILLEA ROBUSTA, or Silk Oak.

777—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.

780—An annual that should be in every garden, for it thrives everywhere, and furnishes the loveliest material for all kinds of bouquets, either roses, carnations, dahlias, or anything else. As our illustration shows the tiny little flowers are borne in abundance, on long, graceful, branching stems, which lend a most graceful, light appearance. Pkt., 5c.; 1/2 oz., 10c.; oz., 15c.

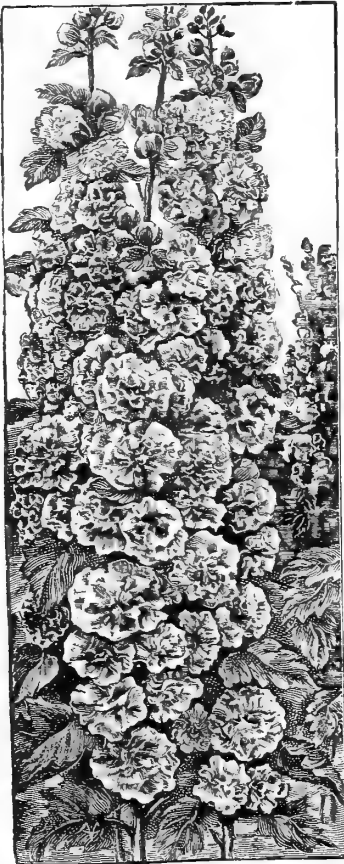
781—**Gypsophila Elegans, Pink.** Just like above, except in color, which is a delicate pink splendid for carpeting in rose or lily beds. Pkt., 5c.; 1/2 oz., 10c.; oz., 15c.

782—**Gypsophila Paniculata (Baby's Breath).** Flowers white. A hardy perennial which will stay in the ground all Winter. 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 pkg. 790—**Heliotrope. Mixed.** Pkt. (100 seeds), 5c.



794—*Hesperis*. (Sweet Rocket.) Mixed. Pkt., 5c.
795—*Heuchera Sanguinea*. A hardy perennial of great merit. Plants grow about 18 inches high, and produce their flowers in long, graceful trusses of the brightest crimson. They are exceedingly handsome and valuable for cut flowers. Pkt., (200 seeds), 10c.

Hibiscus, Giant Golden Bowl. 797—The flowers of this magnificent Hibiscus are from 6 to 9 inches in diameter. Their color is a rich, deep cream, with a velvety, crimson and maroon center. The plants grow from 3 to 5 feet high, and bear from 10 to 20 of their gigantic bell-shaped flowers at one time. They commence to bloom when the plants are quite young and continue until late in the Fall. They are perennials and can be taken up in the Autumn and wintered over while in the South they are quite hardy. They are very easily grown from seed, which should be started in house to prolong the flowering season. Pkt. (40 seeds), 10c.

Hibiscus, Crimson Eye. 798—These immense flowers of pure white, with a large crimson eye, often measure 7 inches 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.

Mammoth Allegheny Hollyhocks. 810—If sown early, blooms the first year from seed. A New Type of Hollyhock. This grand new flower is a decided improvement in more than one particular over the old-fashioned variety. Its first point of merit is the fine transparent, fringed, chrysanthemum-shaped flowers which look as though they were made of crushed silk. It is a perpetual bloomer. The colors are shell pink, rose and ruby-red, a shade or two deeper at the center, and exquisitely tinted towards the edge. The flowers do not, as on the other double Hollyhocks, rot on the stem, but drop as soon as they fade. One has to see this plant in bloom to appreciate its clear, transparent colors, which make a row shine with rainbow effect. We advise everybody who has a garden, no matter how large or small, to sow a packet of seed of this beautiful plant, Extra Selected Seed, per pkt. (60 seeds), 10c.; 3 for 25c.

811—**New White Allegheny Hollyhock.** This is a fine selection of White flowers, double and semi-double, entirely new. Pkt., 10c.

EVERBLOOMING HOLLYHOCKS.

807—A strain of quick-blooming hollyhocks said to be of hybrid origin. Seeds sown under glass in March produced plants that came in bloom in July and continued 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 double, semi-double and single, and colors cover the whole range. The above are notes made by Dr. Van Fleet at the Rural New Yorker trial grounds. Pkt. (30 seeds), 10c.; 2 for 25c.

Vaughan's Prize Hollyhocks. All our seeds of this beautiful plant 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 early.

For Roots see Plant Department.

800—**Double White.** 801—**Pink.** 802—**Crimson.** 803—**Canary Yellow.** 804—**Salmon.** 805—**Faust**, black, edged with white. Per pkt., 10c., any 3 for 20c.

806—**Vaughan's Prize Hollyhocks**, in the largest variety mixed; includes all the above named separate colors and others. Pkt. (100 seeds), 10c.; 3 for 25c.

808—**Double Hollyhocks.** A good mixture. Pkt., 5c.

809—**Single Hollyhocks.** Our mixture contains all colors. Pkt., 5c.; ½ oz., 15c.; oz., 25c.



VARIEGATED JAPANESE HOP.

Variiegated Japanese Hop. 815—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.

816—**Green-Leaved Japanese Hop.** One of the most rapid growing ornamental climbers. Pkt., 5c.; ½ oz., 10c.



BUSH ESCHOLTZIA.

Bush Escholtzia, or Hunnemannia.

817—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, 2 feet high, and produce large cup-shaped flowers 3 inches across on stems 12 inches 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.; ½ oz., 20c.

Impatiens Sultani, Zanzibar Balsam.

827—One of the prettiest plants for pot culture and also outdoor planting in a half-shaded situation; are remarkable for their long duration of bloom. It is very charming for Winter blooming, as 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. There are very few more satisfactory plants for Winter blooming. Pkt. (25 seeds), 10c.

Ionopsidium, or Diamond Flower.

830—A most 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. The plants grow about 2 inches high and are covered with glistening white and violet flowers. Pkt., 5c.



Climbing Dolichos. Also called Hyacinth-Bean or Japanese Wistaria Bean.

820—**Princess Helen, or "Daylight."** One of the prettiest climbers. Of very rapid growth, the plant is indifferent to bad weather, and it will grow to a height of 15 feet by Mid-Summer. The flowers, which appear in great numbers, are snow-white, sweet-scented and are followed by cream colored pods which hang to the plants until late in the Fall. Pkt. (20 seeds), 10c.; ½ oz., 20c.

821—**Purple Soudan.** A very curious and highly decorative climber, much earlier than the ordinary Dolichos and also much more floriferous. The stems are intense purple color, and the beautiful long flowers, that are produced during the whole Summer, are of a brilliant rose, contrasting strikingly with the dark foliage. The seed pods are themselves an ornament to the plant, owing to the dark-red color. Stands heat exceedingly well and for covering walls, trellises, etc. will be found invaluable. Pkt. (20 seeds), 5c.; ½ oz., 15c.

822—**Hyacinth Bean.** All kinds mixed Pkt. (20 seeds) 5c.; ½ oz., 10c.; oz., 15c.; 2 oz., 25c.; ¼ lb., 40c.

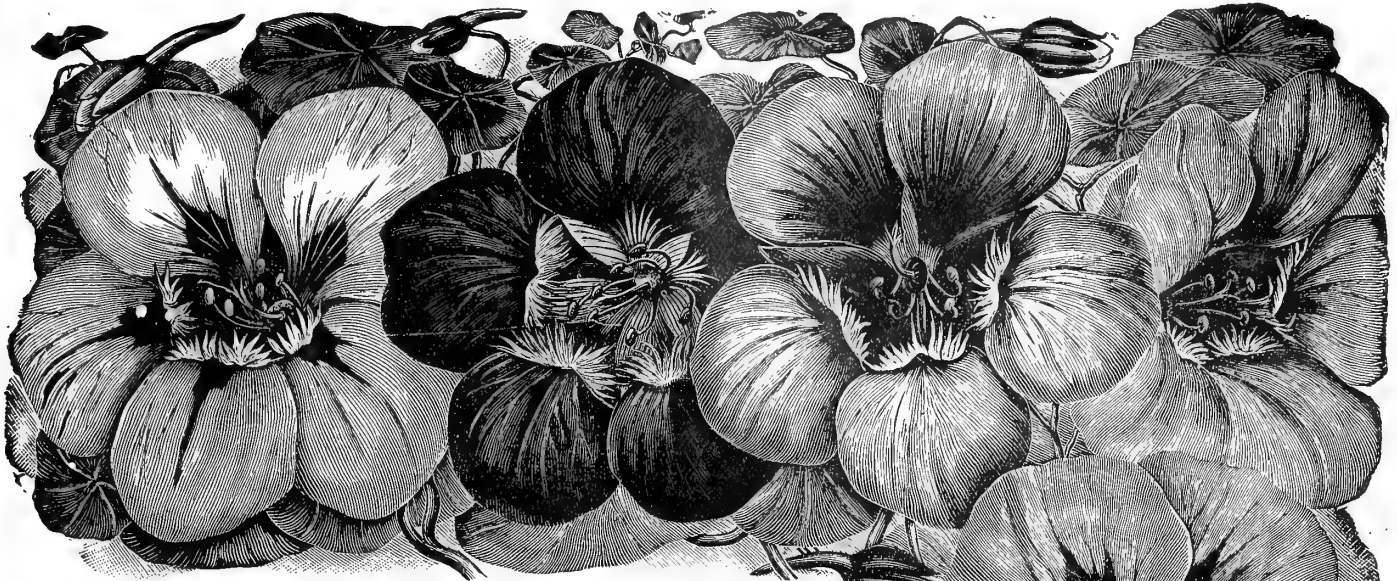
825—**Ice Plant.** (Mesembryanthemum.) Suitable for rock work, hanging baskets, etc. Foliage thick, flowers frosted, wax-like. Pkt. 5c.

848—**Leptosyne Stillmani.** One of the quickest flowering annuals, blooming within five weeks from sowing, the golden yellow flowers continue in perfection for a long period. Excellent for cutting. Height 18 inches. Pkt., 10c.

847—**Linaria Aparinoides Splendens.** A very satisfactory, hardy annual. Grows about 12 inches high and is in bloom all summer and fall. Most of the flowers are two-colored, in shades of violet, purple, lilac and yellow. A good plant for beds and borders. Pkt., 10c.

Linaria "Tho Pearl"

844. A charming, free growing and flowering annual with longspurred Snapdragon-like flowers appearing in bunches. Cut flowers keep fresh in water for weeks, producing at the tip of the bunches continually new flowers. The plants are completely covered with blooms, and as they grow very evenly in height to about 12 inches, they are invaluable for edging border, or for bordering flowerbeds. Planted into pots when full in bloom they are excellent Market plants. Pkt., 15c.



TALL OR CLIMBING NASTURTIUM

The climbing Nasturtiums are ideal ramblers and when pegged down to the ground make a very showy bed. They grow to a considerable height, but will need some attention in the way of tying, as they do not readily adhere to support, being natural ramblers, suitable for stumps, rockeries, low fences or shrubbery. In flower they are showy and profuse and their foliage is always clean and refreshing.

NEW CLIMBING NASTURTIUMS.

- Price of any of the following: Pkt., 5c.; 1/2 oz., 10c.; oz., 15c.; except Nos. 1065 & 1066.
- 1061—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, which is a rather rare color among the Nasturtiums; sometimes the flowers are edged with red.
 - 1062—Firefly.** A very distinct sort; foliage rich and dark; flowers rosy salmon, under-laid with bright golden yellow. The petals are beautifully marbled and striped carmine.
 - 1063—Marguerite.** Very dark foliage with purple stems. Flowers rich deep yellow; striped, blotched and marbled with bright shades of rich brown, orange and carmine. In its varied and showy markings it is almost as remarkable as the Chameleon Nasturtiums described on this page.
 - 1064—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.
 - 1065—Ivy-Leaved.** This is a most distinct variety, differing from all other Nasturtiums in both foliage and flower. The plants are of strong running growth; the leaves are deep rich green, veined with silvery white. The flowers are of the deepest



VAUGHAN'S GIANT MACHET MIGNONETTE.

- 875—Legion of Honor.** One of the form, the insect and drought proof and will bloom, desirable marked with velvety brov culture in
- 876—Dwarf Gold s**
- 877—Double French** passing
- 878—Imported Collection of Double French Marigolds.** 6 colors. 20c.
- 879—Vaughan's Special Mixture Dwarf Marigolds.** Pkt., 10c.; 3 for 25c.

Matricaria. **886—Double Feverfew.** Lovely little plants with double white flowers and pretty curled foliage. Pkt., 5c.

Martynia. **885—**A plant with singular seed vessels, used for pickles. Pkt., 5c.

Maurandya. **887—**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. Maurandya is decidedly a vine for the amateur. Mixed color, Pkt., 10c.

VAUGHAN'S GIANT MACHET MIGNONETTE. **890—**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.; 3 for 25c.; 1/2 oz., 40c.; oz., 65c.

- 893—Giant Red.** This wonderful Mignonette grows 12 to 16 inches in height, in pyramidal form, its enormous flower spikes are of the largest size, the individual blossoms of an intense red color and are very sweet scented. One of the best for cut flowers and pots. Pkt., 10c.; 1/2 oz., 20c.
- 894—Large-Flowering Pyramidal.** Flowers very sweet, stems large and stiff. One of the best for cut flowers. Pkt., 5c.
- 895—Grandiflora.** Large-flowered. 1/4 lb., 25c.; oz., 10c.; pkt., 5c.
- 896—Parson's White.** Distinct, almost white. Pkt., 5c.
- 897—Gabrielle.** New, red-flowering; very sweet, spikes very thick; one of the best. Pkt., 5c.
- 898—Nana Compacta Multiflora.** Dwarf; flowers red and very sweet. Pkt., 5c.
- 899—Golden Queen.** Golden flowers. Pkt., 5c.
- 900—Mixture of Many Sorts.** Oz., 15c.; 1/2 oz., 10c.; pkt., 5c.
- 901—Giant White Spiral.** Very long white spikes produced in great abundance; a most excellent cut-flower. Is not fragrant. Pkt., 5c.

VAUGHAN'S JAPANESE MORNING GLORY.



Vaughan's "Special Mixture" of Japanese Morning Glories.

1033—Their varieties of color are infinite, running from snow-white through all possible shades of blue and of red from palest pink to darkest reds and purples. They 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. They grow like weeds anywhere in the sun or shade, but 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.

1034—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.

1029—Morning Glory. Imported collection of 8 distinct colors, 20c.

1025—White, 5c. **1026**—Blue, 5c. **1027**—Crimson, 5c. **1028**—Striped, 5c.

1030—Morning Glory. (The old-fashioned sorts.) Mixed. Lb., 65c.; ¼-lb., 20c.; oz., 10c.; pkt., 5c.

1032—Mauritian. For hanging baskets. Beautiful blue flowers. Pkt., 5c.

1017—Brazilian Morning Glory. (*Ipomoea Setosa*.) A grand and

luxuriant twining vine. The deeply lobed leaves are from 8 to 12 inches across; flowers about 2 inches in diameter, of delicate texture, tinted pink, with a five-pointed star of satiny pink and are followed by curious seed pods. Pkt. (15 seeds), 10c.

1018—Heavenly Blue. Foliage very large, heart-shaped; flowers 4 to 5 inches across, in large clusters and produced in such abundance as to nearly hide the foliage. Color, most magnificent sky-blue. Pkt. (10 seeds), 10c.

1019—Leari. Satiny-blue, crimson bars. Pkt. (12 seeds), 10c.

1020—Bona Nox (Evening Glory.) Violet; flowers large and fragrant, especially in the evening. Pkt., 5c.

Dwarf or Bedding Morning Glories.

1031—(*Convolvulus Minor*.) This is one of the plants which should be better known. The plants grow about a foot high and its flowers possess all the richness of color peculiar to the Climbing Morning Glory. Grows very easily from seed, and are covered with flowers throughout the whole season. Pkt., 5c.; oz., 15c.

1001—*Mimulus Moschatus*. Musk Plant. Pkt., 5c.

Double Monkey Flower.

1002—(*Mimulus Tigrinus Hybridus fl. pl.*) It grows about 8 inches high, is remarkably free of bloom, the flowers are double, and shade in color through pale yellow, golden, flesh, rose, crimson, and maroon; handsomely blotched and marked. This bizarre plant is of easy culture, thriving in any moist or shady situation, and its gorgeous blossoms delight the eye for a long time. Pkt., 10c.; 3 for 25c.

1003—Single Monkey Flower. A showy variety with fine, blotched flowers. Pkt., 5c.

Musa Religiosa. (The best of all Bananas.) **1024**—Fetich-Banana. 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.

Mimosa Spegazziniana Glauca.

920—Of all "Sensitive Plants" this reaches the largest size during one summer, and is of decorative value for its beautiful leaves, large flowers and interesting fruits. Early sown, the plant attains soon the height of 7 feet, covers itself with the proportional large pinnated "sensitive" leaves, and produces numerous rose flower clusters. The whole plant, stems, petioles and leaves, is covered with a fine blue hue. Pkt., 15c.

Mina Lobata. 1005—A charming Mexican Climber, with tubeshaped flowers, produced in the greatest profusion but changing through orange-yellow to creamy-white when fully expanded. The foliage is very handsome, dense and luxuriant; of vigorous growth; attains a height of 12 feet. Pkt. (20 seeds), 10c.

Mina Sanguinea. 1006—One of the most beautiful annual Climbers in our list; a very profuse and early bloomer. The vines attain a height of 20 to 30 feet very rapidly. The leaves resemble oak leaves, and the flowers are borne in large clusters. Blood red, yellow throat. Pkt. (25 seeds), 5c.

1007—*Mina Sanguinea* and *Lobata*, Mixed. Pkt. (20 seeds), 10c.

New Pink Hybrid Moonflower.

1015—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 thousand all Summer and Fall. The vine makes a most rapid growth and covers 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 inches across. In color they are of a most exquisite, soft lilac-pink. It will succeed wherever a Morning Glory will do well. Pkt. (15 seeds), 10c.; 3 for 25c.

Moonflower. 1016—(*Ipomoea Noctiflora*.) It bears lovely white flowers 5 to 6 inches in diameter, with a five-pointed star in the center; the flowers open at dusk, or earlier on cloudy days, at which time they are deliciously fragrant. Start the seed in the house and set out as early as safe in the spring. Pkt. (10 seeds), 7c.

Nicotiana Affinis. Sweet Scented Tobacco Plant. **1105**—This plant attains a height of about 2 feet, 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.

Oenothera, Evening Primrose. 1110—Neat plants, with white or golden-yellow; open at dusk; emit a delightful perfume. Pkt., 5c.

Oenothera, Mexican Primrose. 1111—A most desirable plant for Summer and Autumn blooming. The plants grow about 10 inches high and are covered with large flowers of a beautiful pink, with a white center. Useful both for pots and outdoors. Pkt. (about 300 seeds), 10c.

Oxalis Rosea, Mixed. 1112—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. 1113—Suitable for rock work, rustic baskets, etc.; largely used in parks. Flowers deep yellow, leaves brown; height, 6 inches. Pkt. (150 seeds), 5c.



Vaughan's UP-TO-DATE **INTERNATIONAL** THE WORLD'S BEST **Pansies**

No. 1190—Vaughan's International is, we firmly believe, the best Pansy mixture in existence, because it is composed of the cream of 10 Pansy Specialists' collections. It contains besides the fancy selections of these growers all the separate colors and strains in cultivation, carefully prepared by ourselves, so we know just what it should 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.

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.

PARKS and cemeteries east and west have used our International Pansy Mixture. Among these we may mention Oakwoods, Rose Hill and Mt. Greenwood Cemeteries and Lincoln Park and Washington Park, Chicago; The Public Garden, Boston; Prospect Park, Brooklyn, N.Y. We will pay \$3.00 for the best photograph of these pansies available for our catalogue; \$2.00 for second best.

A GREAT RECORD

Vaughan's International Pansy Mixture

Was Awarded
A Medal at the World's Fair in Chicago in 1893,
A Medal at the Trans-Mississippi Exposition Omaha in 1898,
A Medal at the Pan-American Exposition in Buffalo in 1901.

Vaughan's Giant Pansies

PRICE ANY OF THE FOLLOWING VARIETIES, EXCEPT WHERE NOTED: Pkt. (100 seeds), 10c.; 3 (10c) pkts. for 20c.; 6 (10c) pkts. for 35c.

- 1132—"Adonis." Color a magnificent light blue with a white center which sets off the dark blotches on the petals in a most striking manner.
- 1133—President Carnot. The ground color is white and each petal is almost covered with a deep, rich velvety blotch, leaving a broad white margin.
- 1134—Mad. Perrett. Edge of petal is frilled. The colors are of dark wine, pink and red, beautifully veined and all with a white margin.
- 1135—Cassier. This is a very fine mixture of Pansies marked with three or five blotches on rich backgrounds. The flowers are very large, round and borne on stiff stalks. This mixture contains a great many red shades.
- 1136—White. Flowers often 3 inches in diameter, pure white with a large violet blotch on the three lower petals. (See above for kinds not priced.)
- 1137—Beaconsfield. This is a great favorite on account of the rich combination of purple and lavender, shading to white towards the top.
- 1138—Yellow. A beautiful clear yellow, heavily blotched on the lower petals.
- 1139—Purple. Of deepest royal purple known. Pkt., 5c.
- 1140—Emperor William. Splendid ultra-marine blue with purple eye.
- 1141—Auricula Colors. Beautiful shadings of copper and mahogany colors
- 1142—Coal Black. A jet black of truly giant size.
- 1143—Copper Color. Rich metallic shades.
- 1144—Aurora. Flowers large, color pure white without blotches.
- 1145—Golden Queen. Clear golden yellow with a few dark pencillings in center.

- 1147—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. Pkt., 10c.
- 1149—"Freya." Color, rich deep purple violet with a broad white margin which shows just as distinctly on the back of the petals.
- 1150—President McKinley. The ground color is golden-yellow, while each petal has a large blotch of dark violet leaving a clear golden-yellow margin.
- 1151—Violet Blue. Of immense size and of rich velvety texture.
- 1152—Fancy Striped. The flowers are striped and mottled in various tints
- 1153—Bugnot. Its flowers are 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 not found in any other mixture. Pkt., 15c.
- 1154—Mammoth Butterfly. The flowers are very 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. Per pkt. of 250 seeds, 10c.
- 1155—Paris Pansy 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.
- 1156—Trimardeau Mixture. Flowers large, with a dark blotch on the three lower petals. Pkt., 5c.; 1/2 oz., (about 1,250 seeds) 40c.

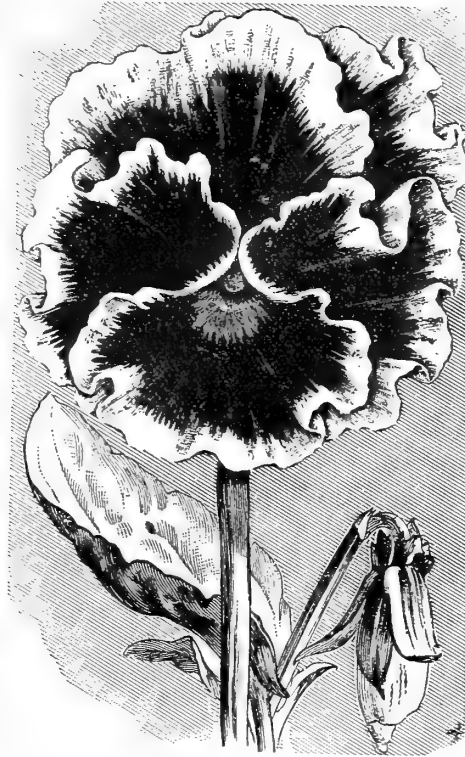
Vaughan's "Giant Pansy Mixture."

International Pansy. This mixture includes the richest reds, coppers and bronzes, together with the most delicate rose and pink shadings, all the distinct colors of Trimardeau, the splendid Cassier strain with its delicate veining. We have spared no expense to secure the newest, richest and finest sorts. Price, 1/2 oz., \$1.00; pkt. (250 seeds) 20c.; 3 for 50c. 1161—The same, pkt., of 100 seeds, 10c.

Vaughan's Collection of Giant Pansies.

1162—One packet (containing 50 seeds) each of Giant White, Giant Yellow, Giant Beaconsfield, Giant Striped, Giant Emperor William, Giant Copper Colors and Giant Paris. 7 pkts., for 25c.

NEW PANSIES



"MASTERPIECE" TYPE.

1125—Masterpiece—New Giant Curled.

This strain comes nearer to Double 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.

1126—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., 20c.

1127—Bridesmaid—The flowers of this new interesting variety are 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 setting off the dark blotches of the center. It is the freest blooming of the Giant Pansies. Pkt., (120 seeds), 10c.



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 3 for 10c.; any 8 for 25c.

- 1200—Azure Blue.** Velvety, dark.
- 1201—Black, with Red and White Margin.** Handsome.
- 1202—Black, with Gold Bronze.**
- 1203—Blue Black.** Splendid for bedding.
- 1204—Brown and Gold.**
- 1205—Cardinal Red.** Rich scarlet.
- 1206—Dark Blue.** Large.
- 1207—Dark Colors.** Mixed.
- 1208—Deep Yellow.** Very rich.
- 1209—Dr. Faust.** Deep jet black.
- 1210—Emperor William.** Ultramarine blue, with dark center.
- 1211—English "Face Pansy."** Bright blue.
- 1212—Fire Dragon.** Fiery orange.
- 1213—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.
- 1215—Gold Margined.**

CHICAGO PARKS BEDDING PANSIES, Mixed. 1233—All the above. Pkt. (150 seeds) 5c.; 3 for 12c.; 1/2 oz., 25c.

- 1214—Golden Gem.** Golden-yellow without black center.
- 1216—Light Blue.** Delicate shade.
- 1217—Lord Beaconsfield.** Purple violet, shading off to lavender.
- 1218—Mahogany Colors.**
- 1219—Peacock.** Upper and lower petals royal purple, shot with peacock blue.
- 1220—Prince Bismarck.** Bronze and brown.
- 1221—Quadrilateral, or Pheasant's Eye.** Upper petals sky blue, edged with violet; lower petals spotted and marbled.
- 1222—Silver Edge.** Dark, light edge.
- 1223—Snow Queen.** White, pure.
- 1224—Striped, or Fancy.**
- 1225—Velvet Brown.** Rich shades.
- 1226—White.** With dark center.
- 1227—Coquette de Poissy.** Of a lovely, distinct slate, or mouse color.

VAUGHAN'S PREMIUM PANSIES. While the Giant-Flowered Pansies are great favorites on account of the immense size of their flowers of form and velvety texture and substance of their petals. **Vaughan's Premium Pansies** excel in their endless variety of colors combined with perfection of these flowers; no better strain is to be had. It is impossible to describe them, as they embrace all colors and markings.

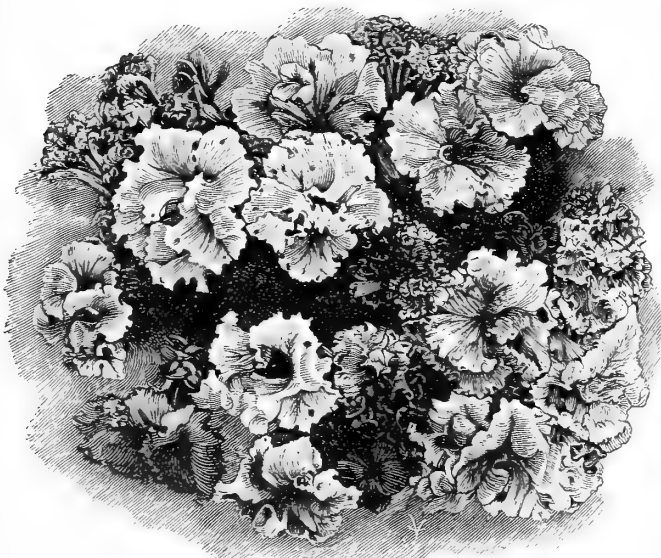
1235—Vaughan's Premium Pansies in Splendid Mixture. Pkt., (120 seeds), 10c.; 3 for 25c.; 1/2 oz., \$1.00.

Special Offer No. 144. 1 Pkt. each Nos. 1160 and 1235 for 25c.

For freedom of bloom, variety of colors, 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.



PETUNIAS



"VAUGHAN'S BEST" LARGE FLOWERING SINGLE PETUNIA.

1256—Blotched and Striped. Flowers with star-shaped blotches of symmetrical form; fine for bedding and window boxes. Pkt., 5c.; 1/2 oz., 20c.

1258—"Snowball." For an everblooming white flower, suitable for beds and borders, we think this new Petunia has few equals. The flowers are purest snow-white, of good shape and size, sweet-scented and lasting. This plant is eminently adapted to our climate on account of its heat resisting qualities. We recommend it. Pkt. (250 seeds), 10c.

1259—Petunia, Finest Mixed. A choice strain, including many of the large flowering varieties. Pkt., 10c.; 1/2 oz., 35c.

1260—Petunia, Good Mixed. Many colors. Pkt., 5c.; 1/2 oz., 20c.

1261—Large-Flowering Single Petunias. In extra choice mixture. Pkt. (120 seeds), 15c.; 2 for 25c.

1262—Large-Flowering Fringed Sorts. (*Fimbriata*). A superb strain of elegant, finely fringed flowers, measuring over 4 inches in diameter, remarkable brilliancy and variety of color. Pkt. (175 seeds), 20c.

1265—Giants of California. These Petunias have been widely advertised of late and we found them on a visit at the originators to be remarkably fine. The flowers are very large and the colors embrace every conceivable shade of crimson, white, violet, lavender, etc. Pkt. (200 seeds), 15c.; 2 for 25c.



Double Petunias.

1270—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 hand 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. Pkt. (200 seeds), 30c.

Free Novelties.

We add to all orders exceeding one dollar and frequently to smaller ones, packets of new flowers or vegetables not yet introduced. Knowledge of new kinds tried in this manner has often proven profitable to our customers.

OUR CULTURAL DIRECTIONS ON FLOWER SEED PACKETS ARE CAREFUL AND COMPLETE.

"Vaughan's Best" Mixture of Large Flowering Petunias.

1266—This mixture is made by ourselves and includes, besides the Giant Ruffled, the Giant Emperor 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 60c.

VAUGHAN'S PHLOX

The Phloxes are certainly amongst the showiest and most easily managed of all hardy annuals. They grow well in almost any garden soil, and from June until October 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. They are of easy culture, but do best in a rich soil. 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. When two or three inches high they should be transplanted five or six inches apart, where they are to grow.

PHLOX DRUMMONDI. 1280—Many colors mixed. $\frac{1}{4}$ oz., 15c.; pkt. (150 seeds), 5c.
1281—Collection of 6 distinct colors, 20c.
1282—Collection of 12 distinct colors, 40c.

LARGE-FLOWERING PHLOX.

The large-flowering kinds are a decided improvement on the Drummondii, producing flowers twice the size of the latter, in the most brilliant colors imaginable.

1283—Alba. Pure white, extra large.
1284—Intense Scarlet.
1285—Rosy Carmine. White eye.
1286—Rosea. Pink, white eye.
1287—Vivid Crimson. Large white eye.
1288—Large Yellow. A very fine color; quite novel and distinct; fine flower.
1289—Scarlet Striped. A beautiful sort.

1290—Black Brown. The darkest of all.
1291—Stellata Splendens. This variety resembles the Splendens, with the addition of a clearly defined white star, contrasting strikingly with the vivid crimson of the flowers.
1292—Alba Oculata. Pure white, clear eye.

Any of above, per $\frac{1}{8}$ oz., 25c.; per pkt. (100 seeds), 5c.; any 6 for 25c.

1293—Large Flowering Phlox in Splendid Mixture. Includes all the above and many other shades and colors. Oz., 75c.; $\frac{1}{4}$ oz., 25c.; pkt. (250 seeds), 10c.
1294—Imported collection of 6 colors, 25c. | 1295—Imported collection of 12 colors, 50c.

STARRED AND FRINGED PHLOX.

These are the most distinct and striking Phlox we have. The flowers have a most distinct and star-like appearance, their attractiveness being greatly enhanced by the broad white margins which border the edges of the petals.

1297—Starred and Fringed. Mixed. Pkt. (150 seeds), 10c.; $\frac{1}{8}$ oz., 20c.
1298—Star of Quedlinburg. Star Phlox, extra choice mixed. Pkt. (150 seeds), 5c.

LARGE-FLOWERING DWARF PHLOX.

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. (See cut.) We offer three fine, distinct colors as well as in mixture:

1299—Brilliant Rose. Perpkt., 10c. | 1301—Fiery Scarlet. Per pkt., 10c.
1300—Pure White. Per pkt., 10c. | 1302—Finest Mixed Colors. Per pkt., 10c.

One packet each of the 3 colors for 25c.

DOUBLE-FLOWERING PHLOX.

A very desirable class. Flowers are double and semi-double, and last much longer than those of the single Phlox. The white is especially valuable as a cut-flower. We are sure our customers will be greatly pleased with these and we recommend them.

1303—Double White. 1305—Double Yellow. } Each, per pkt., 10c.
1304—Double Scarlet. 1306—Double Mixed. }

DWARF PHLOX. (*Phlox Drummondii Nana Compacta.*)

These are much superior to the other Phloxes for ribbon bedding or border. The plants grow very symmetrical in neat little bushes, about 8 inches high, covered with flowers during the whole Summer and Fall, as large as those of the Drummondii and as easy to grow.

1307—P. Snowball. Flowers pure white; the plants resemble large snowballs when in full bloom. Pkt., 10c.; 3 pkts. for 20c.; per $\frac{1}{8}$ oz., 35c.
1308—Fireball. Glowing, brilliant scarlet. Pkt., 10c.; 3 pkts. for 20c.; per $\frac{1}{8}$ oz., 35c.
1309—Snowball and Fireball. One pkt. each for 15c.
1310—Dwarf Phlox in Mixture. Ten colors in choicest mixture. Pkt., 10c.; $\frac{1}{4}$ oz., 30c.
1314—Hardy Phlox. (*Phlox Decussata.*) These rank amongst the finest herbaceous plants for beds or borders. Mixture of finest sorts. Pkt., 10c.

VAUGHAN'S SPECIAL PHLOX MIXTURE.

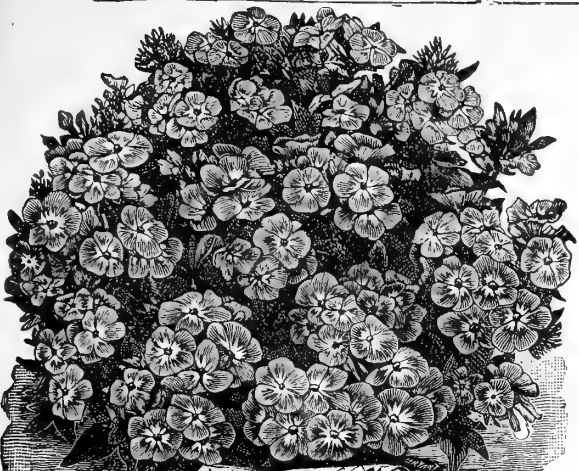
1313—Contains all the above varieties and several other strains only to be had in this mixture, and will delight and astonish all with its extensive variety of colors. Over 30 different shades will be produced from a single package. A bed of Phlox Drummondii in assorted colors makes a grand display all Summer. The most liberal offer ever made. Pkt. (250 seeds), 15c.; extra large pkt. (500 seeds), 25c.; $\frac{1}{8}$ oz., 35c.

PASSION FLOWER, "Southern Beauty."

1250—One of the prettiest of all flowers and climbing plants. Will grow perfectly all over the United States. 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. The plant will remain in the ground if protected in the Winter, and bloom every season for years. Every gardener in the country should have one. If sown early the plants will bloom all Summer. Pkt. (20 seeds), 10c.; 3 for 25c.

PASSIFLORA GRACILIS.

1251—This "Fairy Passion Vine" is a charming annual; it has pretty light green leaves, and is a very dainty and graceful thing for hanging baskets, pots or trellises; will grow to a height of 10 to 15 feet out of doors; the flowers are white, followed by seed fruits, at first light green shaded white; when ripe they turn bright shining red and burst open, disclosing fiery scarlet seeds, the entire plant becoming covered with these fruits. The effect is very pretty indeed. Pkt., 10c.



PHLOX LARGE FLOWERING



PHLOX DWARF



STARRED AND FRINGED

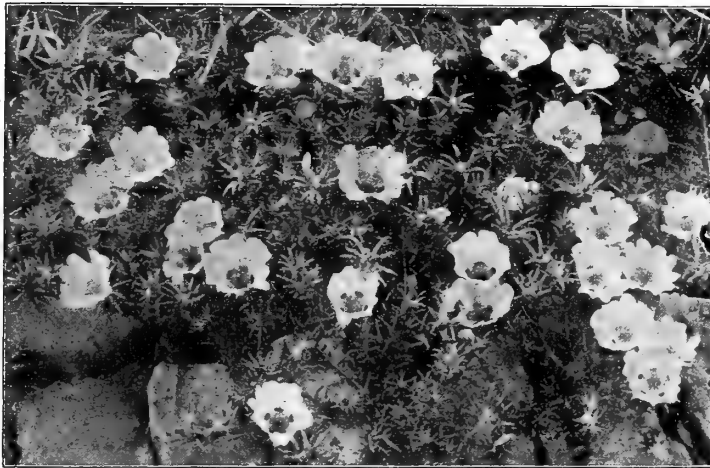


DOUBLE PHLOX

POPPIES



HARDY ORIENTAL POPPY.



SINGLE PORTULACA.



DOUBLE PORTULACA. OR ROSE MOSS.

SINGLE POPPIES

Shirley, Silk or Ghost Poppy

1336. The Shirley Poppy is not new, but the stock we here offer will be a revelation to all lovers of the beautiful. Our strain is one of superlative excellence, and many beautiful new forms will be found in it. They are especially strong in shades of terra cotta and combinations of this with pink and scarlet. If gathered early in the morning, while the dew is still on them, and before the rays of the hot sun have affected them, and placed in water, they will last in all their beauty for forty-eight hours. Pkt., 10c.; ½ oz., 20c.

New Oriental Hybrid Poppies

1337. For brilliancy of colors there is nothing to equal these Oriental Poppies. The flowers are of enormous size, often measuring over six inches in diameter, while the colors range from soft flesh and rose to the most brilliant dazzling scarlet and richest maroon purple. Their culture is as simple as that of the garden Poppies. They are perfectly hardy perennials, living through our Winters with but little protection, and increasing in size and beauty every year. Pkt., 10c.

1336. Persian Poppy. Brilliant dark scarlet, with black spots. Pkt., 5c.; ½ oz., 10c.

1358. The Bride. Single white; fine. Pkt., 5c.

1359. Umbrosom. Glowing vermilion. Pkt. 5c.

1349. Mephisto. Scarlet, black spots. Pkt. 5c.

1351. Bracteatum. Perennial, scarlet. Pkt. 5c.

Iceland Poppies

1325. 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. For vase and house decorations they rank among the loveliest.

Pkt., 10c.; ½ oz., 20c.

Iceland Poppies, in Separate Colors

1326. Yellow. 1327. White. 1328. Orange scarlet. Each, pkt., 10c.; any 3 for 25c.

1329. Double Iceland Poppies. Mixed Pkt., 15c.; 2 pkts. for 25c.

1330. 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. The glowing scarlet of the large flowers is such that the eye cannot bear its glare when the sun is shining on it. Pkt., 10c.; ½ oz., 20c.

1357. Peacock Poppy. Scarlet, with jet black zone. Pkt., 5c.; ½ oz., 10c.

Miss Sherwood

1332. Sturdy plants 2½ feet high, with noble foliage, bear in profusion large single flowers of a shining, satiny white, the upper half of the corolla being a silky chamois rose. This is a combination of color quite virginal in its delicacy. Large Pkt., 10c.; ½ oz., 20c.

Vaughan's Special Mixture of Single Poppies 1335. This mixture includes as well as the varieties listed in the novelties and many other kinds. It is really extra choice. Oz., 25c.; ½ oz., 15c.; pkt., 10c.; 2 ozs., 40c.; ¼ lb., 70c.

DOUBLE POPPIES

Vaughan's Giant Poppies

1320 Double Pure White

1321 Double Pink

1322 Double Cardinal-Red

Each per Pkt., 10c. One pkt. each of the three sorts for 20c. Per ½ oz., 25c.

These Poppies are very handsome. The flowers grow to an enormous size, from 6 to 7 inches in diameter, are as double as Pæonies and the colors are very rich and striking; height 30 to 36 inches

1340. "White Swan." One of the most effective and valuable Poppies. The plants are about 18 in. high, grow in very pretty bush form, crowned with flowers of enormous size, perfect form, very double and the purest snow white. Price, 10c., 3 for 20c.

1341. Double Yellow. Pkt., 5c.

1342. Golden Gate. Exceedingly free blooming, the flowers single, semi-double and double, of medium size and largest variety of colors. Pkt., 5c.

1343. Double Carnation Flowered. Of large size and a variety of colors. ½ oz., 10c.; Pkt., 5c.

1344. Pæony Flowered. Flowers in size equal to Pæonies; mixed. Pkt., 5c.; oz., 15c.

1348. Fairy Blush. The flowers have the effect of a large, white, feathery ball, overcast with a rosy shade. Pkt., 5c.

"CORNELL" — Vaughan's "Nameless" New Poppy.

1354. This is one of the richest and most effective of all Poppies. The plants grow 2½ feet high, the foliage is very large and of beautiful bluish-green and the flowers are very double and 6 to 7 inches over in diameter. The color is the brightest fiery scarlet imaginable, with a clear white line in the center of the petal, running half way up its length. 1 pkt. of this beautiful new Poppy is sent free with every order of flower seeds amounting to 25c. and upwards.

\$10.00 for a Name. We paid a prize of \$10.00 for suggesting this name for this new Poppy to Mrs. F. S. Rogers, Middletown, N.Y., who wrote us that "The red and the white of the Poppy suggested the college colors as soon as plants were in bloom."

Vaughan's Special Mixture of Double Poppies.

1350. This includes all the above sorts, and will produce the most charming flowers in an endless variety of colors. oz., 25c.; ½ oz., 15c.; Pkt., 10c.; 2 ozs., 40c.; ¼ lb., 80c.; lb., \$2.50.

Vaughan's Special Poppy Mixture.

1355. 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. Price, per oz., 30c.; ½ oz., 20c; Pkt. (500 seeds), 10c., 3 for 20c.

Portulaca, Rose Moss

THIS plant will grow and bloom profusely in a dry, hot situation, where almost any other plant would soon die. It is the easiest plant to transplant, and can be taken up and set out when in bloom without being injured. It is a very pretty annual, and blooms till frost.

1360. Large Flowering Single Portulaca. Many colors mixed. Pkt. (300 seeds), 5c.; ½ oz., 20c.; oz., 60c.

1361. Collection of 8 Colors Single Portulaca. 25c.

1366. Double White. 10c. 1367. Double Yellow. 10c.

1368. Double Pink. 10c. 1369. Double Scarlet. 10c.

1370. Double, Best Mixed. Choice double flowers. Pkt., 10c.; ½ oz., 75c.

1371. Double, Good Mixed. Pkt., 5c.; ½ oz., 25c.

1372. Double, Collections of 6 Colors. 35c.

PRIMULA OBCONICA.

New Large Flowering Hybrids. An Ever-Blooming Primrose.

1376—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. The new large flowering Hybrids are an improvement on the old type in size of flowers, which are about double their size and are borne on stiffer stems well above the foliage, and they also show a marked improvement in colors. Pkt. (100 seeds), 10c.

1377—*Primula Obconica*. Pkt. (100 seeds), 5c.

PRIMULA FORBESI. The "Baby Primrose."

Blooms in three months from seed and all the time.

1378—This is unquestionably 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 half an inch across and are of a most pleasing rose color with a yellow eye. They are borne on erect stems 10 to 12 inches high in tiers, and remain fresh for over a week after being cut, new buds opening every day. The plant is a vigorous grower, thrives in the shade or sunshine, even in a cool house. Pkt. (100 seeds), 10c.

RUDBECKIA BICOLOR SUPERBA SEMIPLENA.

1406—This novelty represents semi-double or nearly double flowering varieties of the *Rudbeckia bicolor superba*. The plants form elegant bushes of 2 to 2½ feet in height, covered with large, semi-double, golden yellow to brownish yellow flowers, which have a central dark brown ring and disk. As concerns size and form of the flowers, they closely resemble those of the double flowering *Zinnias* and are on account of their long stems very useful for cutting purposes. Pkt., 15c.

RUDBECKIA BICOLOR SUPERBA.

1407—This new annual variety represents a very welcome addition to the collection of these popular annual and perennial plants so extensively used for cut flowers at present. Growing about 2 feet in height, it forms a many branched, dense bush, and produces its long stemmed flowers in the greatest abundance. The disk is brown, the ray florets are yellow with large velvety-brown spots at the base. Large pkt., 10c.



New "EMPEROR" SALPIGLOSSIS.

1410—Ease of culture is the first quality that commends the *Salpiglossis* to all amateur gardeners. It thrives in any good garden soil and in almost any situation, though, like other flowers, it responds readily to good treatment. 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.

1411—*Salpiglossis*. Large flowering sorts in splendid mixture. Pkt., 5c.; ¼ oz., 20c.

SALPIGLOSSIS are natives of Chili and were introduced in 1824. Seeds may be sown early in boxes, but do very well sown out of doors if the soil is light. The plants grow about two feet high, and the blossoms are about the size of those of the *Petunia*. The colors are very brilliant, the petals of velvety texture and very delicately and beautifully penciled and veined. These plants stand the sun well, and bloom abundantly from July till Autumn. Some of the colors are scarlet, purple, lilac, blue, yellowish-brown, very dark red and bronze.



TYPES OF VAUGHAN'S INTERNATIONAL CHINESE PRIMROSES.

Vaughan's International CHINESE PRIMROSE MIXTURE.

1380—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*. Our illustration shows a plant (reproduction from a photograph) showing freedom of bloom and habit of growth. Price, per pkt. (100 seeds), 15c.; 2 for 25c.

CHINESE PRIMROSES.

Separate Colors.

1381—Pure White. **1382**—Pink. **1383**—Peach Blossom. **1384**—Chiswick Red. **1385**—Mauve. **1386**—Striped. Each, per pkt. (50 seeds), 10c.

1387—*Chinese Primroses*. A very good mixture. Pkt. (50 seeds), 5c.

Chinese Primrose.—"We were told to order 1250 *Chinese Primrose* seed from which we could not expect more than 300 plants. We got your "International"; all seeds were planted and the good quality of your seed brought forth over 1100 fine plants. Media Ohio. Hammerschmidt & Clark.

PYRETHRUM. (Feverfew.)

1404—*P. Aureum*. (Golden Feather.) Pkt., 5c.; ¼ oz., 20c. **1405**—*Selaginoides*. Fern-leaved. 5c.

NEW GIANT PYRETHRUMS. *Pyrethrum Roseum* Hybrid *Grandiflorum*.

1400—The flowers of this new strain grow to the enormous size of 12 inches 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., 20c.; 3 for 50c.

Pyrethrums, New Double Flowering Hybrids.

1401—The seed we offer is saved from the best English collection and can be expected to produce grand flowers in greatest variety of colors. Pkt., 35c.

SALVIA.

Flowering Sage.

1419—*Salvia, Clara Bedman*. (Bonfire.) The plants form handsome globular bushes about 2 feet in diameter. The spikes grow erect and stand clear above the foliage, completely covering the plant and are of a most brilliant dazzling scarlet. Per ¼ oz., 50c.; pkt., 10c.

1420—*Splendens*. Large flowering Scarlet Sage. Pkt., 5c.

1421—*Patens*. The purest and brightest blue of all. Pkt., 10c.

1422—*Argentea*. Silver white foliage. Pkt., 5c.

A hedge of these *Salvias* is a beautiful sight to behold. They are a blaze of color during the whole Summer and Fall.

1430—*Sanvitalia*. Dwarf trailing plants with double bright golden yellow flowers. Pkt., 5c.



New Salvia Splendens, Drooping Spikes.

1415—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.; ¼ oz., 40c.

SALVIA SPLENDENS "SILVERSPOT."

1416—The leaves are rich soft dark green with light sulphur or cream colored spots of various size liberally sprinkled over them. A charming variety of great effect. Pkt., 10c.

GOLDEN-LEAVED SALVIA.

1418—One of the most brilliant and attractive plants. Habit, compact, short-jointed and branching with an abundance of foliage, which is of a fine yellow shade, hardly a trace of green about it. The scarlet flowers are of exceptional brilliancy, far more brilliant than the common *Salvia Splendens*. The color of the foliage is constant, and its color is perhaps intensified by heat. Pkt. (100 seeds), 10c.; 3 for 25c.

1418a—*NEW SALVIAS MIXED*. Above three kinds. pkt. (150 seeds), 15c.

SCABIOSA, SNOWBALL.

(MOURNING BRIDE.)

The Scabiosa is an elegant cut flower, exceedingly fine colors and good keepers. Some kinds are almost black.

- 1435—**SNOWBALL.** The flowers of this novelty are large, measuring nearly 2 inches in diameter, of purest white and very double. The stems are very long and the foliage luxuriant. This plant comes quite true from seed and is sure to be liked for vases and bouquets. Pkt., 10c.; 3 for 20c.
- 1436—**Golden Yellow.** The color has long been desired in the Scabiosa family and is now obtained after years of selections. The flowers are double, of a fine pure yellow color and are charming for bouquets. The plants are semi-dwarf and very free-blooming. Pkt. 5c.
- 1437—**Black Prince.** The flowers are very large and double and nearly black, a beautiful color, very effective as a bunch in a vase. Pkt., 5c.
- 1438—**Double Blood-Red.** A very striking color. Pkt., 5c.
- 1439—**SPECIAL OFFER.** One pkt. each of the above 4 colors, for 20c.
- 1450—**Large Flowering Scabiosa.** Flowers average 3 inches across, very double; valuable for bouquets. Many colors mixed. Pkt., 5c.; ½ oz., 15c.
- 1451—**S. Caucasica.** A beautiful hardy perennial; flowers soft lavender. Pkt., 10c.

SCHIZANTHUS, The Butterfly Flower.

- 1445—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.
- 1446—**SEDUM or Stone Crop.** A fine blue. Pkt., 5c.
- 1447—**SENSITIVE PLANT.** Pkt., 5c.
- 1448—**SOLANUM, "JERUSALEM CHERRY."** Easily grown plants with ornamental fruit. Especially fine for pots and last a long time in beauty. The fruit is about the size and color of a cherry. The plants can be grown out of doors and then be potted up in September for house use. Of easiest culture. Pkt., 5c.

SMILAX FOR DECORATIONS.

- 1449—Known to every one for its graceful Greenery. Makes a fine pot plant for Fall and Winter. Sown in Spring is ready in Autumn. Directions on each pkt. 5c. only.
- 1453—**STEVIA SERRATTA.** Very pretty perennials. Flowers white, star-shaped, leaves fragrant. Pkt., 5c.

STOCKS, GIANT PERFECTION.

"CUT AND COME AGAIN." (See Photograph.)

This variety is almost a perpetual bloomer, about 24 inches high, branches freely. Flowers are very large, and carried on stems 3 inches long.

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. In warm climates shade from the noonday sun. They are very thirsty plants, be sure to water well.

- 1466—**Giant Perfection, or Cut and Come Again.** Choicest Mixed. Pkt., 10c.

- 1467—Collection of 6 colors, 50c.
- 1468—White, 1468B—Lavender, 1468C—Scarlet, 1468D—Rose.
Each pkt., 10c.; any 3 for 25c.
- 1469—**Fire Flame.** Ever-blooming, resembling red garnet flame. Pkt., 10c.
- 1470—**FORCING STOCK, SNOW FLAKE.** The earliest White Ten Week's Stock. Flowers extremely double and snow white. Pkt., 15c.

Vaughan's "Special Mixture" of Ten Weeks Stocks.

Includes all the above sorts, and some novelties not listed here. Pkt., 15c., 2 for 25c.

LARGE FLOWERING TEN WEEKS STOCKS.

- 1456—Pure White, 1458—Light Blue, 1460—Purple,
1457—Brilliant Rose, 1459—Crimson, 1461—Canary Yellow.
Any of above, per pkt., 10c.; any 3 for 25c.
- 1462—Large Flowering, Best Mixed, 10c. 1463—Fine Mixed, pkt., 5c.
- 1464—Imported Collection, 12 colors, 60c. 1465—Imported Collection, 6 colors, 30c.

SUNFLOWERS—NEW AND RARE.

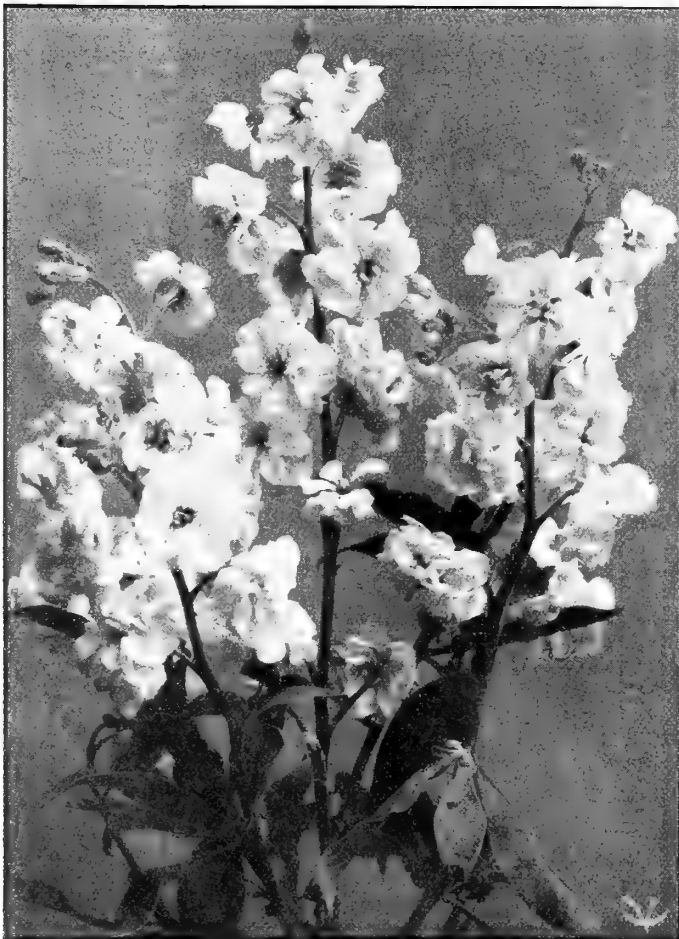
New Hybrid Sunflower, "Cut and Come Again."

Helianthus Cucumerifolius. New Types. These improved, branching single Sunflowers are exceedingly popular for display in the garden and for cut flowers. The plants form many branched pyramidal bushes 3 to 4 feet high, bearing from base to summit a continuous succession of flowers from June until frost. The perfectly formed single flowers, 3 to 4 inches across, are borne on long stems. They flower in a few weeks from seed.

- 1483—"Cut and Come Again" Sunflowers, Mixed. All colors and new types. Pkt., 10c.; oz., 20c.
- 1485—**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. The flowers are perfectly double. Pkt., 5c.; ½ oz., 15c.; oz., 25c.
- 1490—**Californicus, Fl. Pl.** Extra large and very double. Pkt., 5c.; oz., 10c.
- 1491—**Double Dwarf.** 2½ feet. Flowers very double; rich golden yellow. Pkt., 5c.
- 1492—**Globosus Fistulosus.** Flowers immense, from 12 to 15 inches in diameter. Globular and extremely double, the most effective of all annual sunflowers. 2 ozs., 15c.; oz., 10c.; pkt., 5c.
- 1493—**Mammoth Russian.** Of gigantic dimensions, both flowers and stalk. Oz., 5c.
- 1495—**Mixture of Many Double Varieties.** Oz., 15c.; pkt., 5c.

VAUGHAN'S SPECIAL SUNFLOWER MIXTURE.

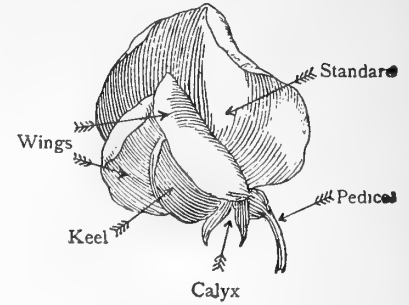
All above rare and beautiful kinds mixed in proportion. You will be delighted with them. Pkt., 10c.; oz., 25c.



GIANT PERFECTION—CUT AND COME AGAIN—STOCKS.

Sweet Peas

A Few Rules for the Successful Cultivation of Sweet Peas.



The plants should not be raised for two successive seasons on the same ground.

Sweet peas should not be planted on the same ground after culinary peas.

Excessive manuring with stable manure in the row immediately before sowing the seed is not desirable. Ground intended for sweet peas, if not left in good condition after taking the last crop, will be better for manuring the previous Fall rather than at the Spring seeding.

The use of artificial fertilizers, bone meal, nitrate of soda, etc., can be made in the Spring at the time of planting or soon after.

Thin sowing, by which is meant planting the seeds from four to six inches apart, is conducive to vigor and strength of the plants which come later into bloom, but continue much longer than the plants from thick seeding.

Frequent stirring of the soil with hoe or cultivator in dry weather, thus producing a dust mulch, is preferable to artificial watering, unless irrigating facilities afford opportunities for a regular and abundant supply of water.

Do not allow any flowers to go to seed, else the plants will stop blooming.

PRICES:

The following list contains all the varieties of Sweet Peas we carry, including novelties. We have discarded many of the older kinds, which were displaced by newer and better sorts. All at the uniform net price of 5c. per pkt.; any three 5c. pkts., 10c.; any seven packets 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 1/4 lb., 60c. per lb., postpaid. By express, not prepaid, 50c. per lb.

GET THE BEST.

- 1500—Admiration, a most delicate pinkish, lavender.
- 1499—Agnes Johnson, see novelties.
- 1501—x America, the brightest, blood-red striped white.
- 1498—American Queen, see novelties.
- 1502—Apple-Blossom, bright pink and red.
- 1503—Aurora, white, flaked with orange-salmon.
- 1504—Black Knight, new; deep maroon.
- 1505—Blanche Burpee, very large, white. Lb., 45c.
- 1506—Blanche Ferry, pink and white, early. Lb., 45c.
- 1507—Blanche Ferry, Extra Early, ten days earlier.
- 1508—Bride, white.
- 1509—x Bridesmaid, see novelties.
- 1510—Butterfly, white, edged lavender.
- 1511—Captain of the Blues, purplish mauve.
- 1512—Captivation, purplish magenta, entirely distinct.
- 1514—Coccinea, new; bright cherry red.
- 1515—Coquette, primrose yellow, shaded lavender.
- 1518—Countess of Radnor, delicate lavender.
- 1516—Countess of Cadogan, new; bright shining violet, wings pure sky blue.
- 1513—Countess Spencer, see novelties.
- 1519—Crown Jewel, creamy white, veined rose.
- 1639—Cupid, White.
- 1640— " Blanche Ferry, pink and white.
- 1642— " Alice Eckford, creamy white, white wings.
- 1634—Cupid, America, see novelties.
- 1641— " Beauty, rose, lightening to white at edges.
- 1645—Cupid, Countess of Radnor, delicate lavender.
- 1633—Cupid, Enchantress, see novelties
- 1646— " Firefly, see novelties.
- 1638— " Apple-Blossom.
- 1636— " Captain of the Blues.
- 1651— " Her Majesty, rose.
- 1650— " Sadie Burpee, white; see novelties.
- 1637—Cupid, Stella Morse, see novelties.
- 1635— " Royalty.
- 1644— " Boreatton, rich wine-brown.
- 1643— " Primrose, rich creamy tint.
- 1632— " Mauve Queen, see novelties.
- 1649— " Mixed, all the above kinds.
- 1521—Dainty, see novelties.
- 1517—Dorothy Eckford, see novelties.
- 1522—Dorothy Tennant, deep rosy mauve.
- 1524—Duke of Sutherland, large, violet and indigo.

- 1525—Duke of Westminster, new; deep rose maroon, overlaid with bright shining violet.
- 1526—Earliest of All, 10 days earlier than Extra Early Blanche Ferry, standard bright pink, wings white.
- 1527—Emily Eckford, reddish mauve, wings blue.
- 1528—Emily Henderson, white, early and free. Lb., 45c.
- 1507—Extra Early Blanche Ferry.
- 1530—x Evening Star, see novelties.
- 1531—Fascination, standard dark lavender, wings blue.
- 1532—Fashion, new; soft reddish lavender, deepening at the base.
- 1533—x Flora Norton, see novelties.
- 1529—Firefly, rich scarlet.
- 1542—x Florence Fraser, see novelties.
- 1534—George Gordon, see novelties.
- 1535—Golden Gate, pinkish mauve and lavender.
- 1536—Golden Rose, see novelties.
- 1537—Gorgeous, salmon orange, wings softer and deeper.
- 1538—Gracie Greenwood, see novelties.
- 1539—Gray Friar, watered purple on white ground.
- 1540—Her Majesty, beautiful rose, large.
- 1541—Hon. F. Bouverie, new, standard coral-pink, wings slightly lighter.
- 1587—Hon. Mrs. E. Kenyon, this is the best yellow to date.
- 1543—Janet Scott, see novelties.
- 1544—Jeanie Gordon, see novelties.
- 1545—Josephine White, new; white, very early.
- 1546—Juanita, white, flaked with lavender.
- 1547—Katherine Tracy, brilliant pink.
- 1589—King Edward VII, see novelties.
- 1548—Lady Grisel Hamilton, new; best of all lavender sorts; of best Giant-flowered type.
- 1549—Lady Mary Currie, bright orange pink, delicately shaded rosy-lilac, an extra fine sort.
- 1550—Lady M. Ormsby Gore, see novelties.
- 1551—Lord Roseberry, see novelties.
- 1552—Lottie Eckford, white, suffused lavender.
- 1553—Lottie Hutchins, flaked with pink on cream ground.
- 1554—Lovely, soft shell-pink.
- 1555—Maid of Honor, white, edged lavender.
- 1557—Majestic, see novelties.
- 1556—Mars, large, bright scarlet.
- 1558—Miss Willmott, see novelties.
- 1559—Monarch, deep purplish maroon.
- 1560—Mont Blanc, see novelties.
- 1561—Mrs. Dugdale, new; standard lovely rose, shaded primrose, wings primrose, shaded rose, very large and fine.

- 1562—Mrs. Eckford, primrose yellow.
- 1563—x Mrs. Geo. Higginson, Jr., see novelties.
- 1564—Mrs. Jos. Chamberlain, white striped rose.
- 1565—Mrs. Sankey, white (black-seeded).
- 1566—Navy Blue, deep violet-blue.
- 1567—x Nymphæa, see novelties.
- 1568—Othello, a beautiful dark brown chocolate self colored.
- 1569—Pink Friar, Soft carmine rose on white ground.
- 1572—Prince of Wales, new; a bright rose self of intense color and fine form and substance, having three and four flowers on long, stout stems, very free flowering and unique.
- 1570—Prima Donna, soft pink.
- 1571—Prince Edward of York, new, scarlet and rose.
- 1573—Queen Victoria, pale yellow.
- 1574—Ramona, white, splashed, pale pink.
- 1575—Royal Rose, bright pink and blush white.
- 1576—Sadie Burpee, white.
- 1577—Salopian, one of the best of the dark bright reds.
- 1578—Senator, chocolate, striped white
- 1579—Sensation, pale, pink standard, white wings.
- 1580—Shahzada, rich, dark maroon.
- 1581—x Speckled Beauty, see novelties.
- 1582—Stella Morse, deep cream shading to primrose.
- 1583—Sue Earl, see novelties.
- 1584—x Sunrise, see novelties.
- 1585—x Sunset, see novelties.
- 1588—Triumph, extra large, bright orange-pink, wings white and flushed purple.
- 1591—White Wonder, see novelties.

DOUBLE SWEET PEAS.

- 1617—Bride of Niagara.
- 1611—Lottie Eckford.
- 1608—Apple Blossom.
- 1614—Dorothy Vick.
- 1610—White.
- 1609—Captain of the Blues.
- 1612—Butterfly.
- 1616—Senator.
- 1613—Boreatton.
- 1618—Double Mixed, made from the above separate sorts.

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.

X Varieties preceded by an x were first introduced to the public by Vaughan's Seed Store.

Sweet Pea Mixtures.



Sweet Peas Red, White and Blue

- King Edward VII., the best rich red.
- Dorothy Eckford, the best white to date.
- Flora Norton, the best bright blue.
- No. 1596 - One pkt. each of the above, 3 for 15c.
- No. 1597 - " ounce " " 3 for 40c.
- No. 1598 - One-fourth lb. each of the above, 3 for \$1.25.
- No. 1599 - The above 3 mixed, per pkt., 10c. oz.; 20c.; 1/4 lb., 65c.; lb., \$2.25 postpaid.

- 1590—Vaughan's PRIZE MIXTURE. See page 46.
- 1592—ECKFORD MIXTURE. This mixture contains over thirty kinds, including novelties of 1904 and other choice varieties. By express, 10 lbs., \$3.50; 5 lbs., \$1.85. By mail, postpaid, 1 lb., 50c.; 1/2 lb., 30c.; 1/4 lb., 15c.; oz., 10c.; pkt., 5c.
- 1593—ALL COLORS MIXED. Also a very good mixture; contains over twenty varieties and will furnish fine flowers all through the season. Price, by express, 10 lbs.; \$2.50; 5 lbs., \$1.40. By mail, per lb., 40c.; 1/2 lb., 25c.; 1/4 lb., 15c.; oz., 5c.; pkt, 3c.



BUSH SWEET PEAS.

The plants are erect, 15 to 18 in. high, forming dense bushes, 15 in. wide.

- 1623—**Bush Blanche Burpee.** White.
- 1624—**Bush Blanche Ferry.** Pink and white.
- 1625—**Bush Gray Friar.** The coloring is of lavender-purple on a silvery-white ground.
- 1626—**Bush Her Majesty.** Rose.
- 1627—**Bush Monarch.** Standard, of a deep claret or wine-brown; wings heavily rolled, rich purple.
- 1628—**Bush Prima Donna.** Delicate pink.
- 1629—**Bush Senator.** Deep purplish maroon, heavily striped on a white ground.
- 1630—**Bush Stella Morse.**
- Any of above Bush Sweet Peas, pkt., 5c.; oz., 10c.; 2 oz., 15c.; ½ lb., 25c.
- 1631—**Bush Sweet Peas.** All of the above, mixed. Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; ½ lb., 25c.; lb., 80c.

SWEET VIOLETS. 1660—**The Czar.** Large flowering, blue. Pkt., 10c.
1661—**Blue Sweet Violet.** The old-fashioned sort. Pkt., 10c.

THUNBERGIA. 1676—Beautiful trailing plants for hanging baskets and lawn vases. Flowers flaring, trumpet shaped, 4 ft. Mixed, all colors Pkt., 5c.

TORENIAS. These are easily started and soon come into bloom, becoming bushy, globular plants 8 or 10 inches high, literally covered with the lovely, richly colored, snap-dragon-like flowers. They are excellent for beds, pots or hanging baskets.

1678—**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.

1680—**Bailloni.** Deep yellow. Pkt., 5c.

1681—**White Wings.** White, with a light flush of rose at the base of throat. Pkt., 5c.

1682—**Torenia, Mixed.** The above three kinds. Pkt., 10c.

SWEET WILLIAM.

1664—**Giant Flowered Single.** An improvement on older sorts, both in variety of colors and size of flowers and trusses. The single flowers are often as large as a 25-cent piece, and are simply enormous in comparison with the old-time Sweet William. Pkt. (100 seeds), 10c.; 3 for 25c.

1665—**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 a great variety of shades and colors. The single florets often measure 1 in. in diameter. Pkt. (100 seeds), 10c.; 3 for 25c.

1666—**Special Offer.** One pkt. each Double and Single Giant Sweet William for 15c.

1668—**Single, Many Colors Mixed.** Pkt., 5c.; ¼ oz., 15c.

1669—**Auricula Flowered.** A beautiful mixture of single varieties, showing a distinct eye. Pkt., 5c.; ¼ oz., 15c.

1670—**Double Mixed.** Pkt., 5c.; ¼ oz., 20c.

1671—**Double White.** Pkt., 5c.

1672—**Double Blood Red.** Pkt., 5c.

1673—**Harlequin.** One of the first varieties. The flower clusters are large, while the individual flowers are of various distinct shades. Pkt., 5c.

1674—**Sweet William "Special Mixture."** All the above in one packet. Pkt., 10c.; 3 for 25c.

VINCA.

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.

1730—**Pink.** 1731—**White with Pink Center.** 1732—**Pure White.** 1733—**Mixed Colors.** Pkt., each, 5c.



NEW GIANT FLOWERED SWEET WILLIAM



TYPES OF "VAUGHAN'S BEST" VERBENA MIXTURE.

VERBENAS.

Verbenas are one of our best annuals, and by many people are preferred to the Phlox, Aster or Pansy. Nothing is easier to grow, and the display they give during the Summer is equalled only by the Phlox. Sow them early and they will bloom for you constantly from June until frost time.

1706—**Pink and Carmine Shades.** This new mammoth strain embraces remarkably lovely tints from light and dark rose to deep carmine. The flowers are of exceptionally large size, and are borne in splendid trusses. Pkt., 10c.

1707—**Firefly.** A mammoth Verbena, which comes quite true from seed, and is entirely distinct by its grand trusses of brilliant red flowers with large pure white eyes. Pkt., 15c.

1708—**Mammoth White.** This is by far the best and largest of all white Verbenas. Pkt., 10c.

Special Offer No. 154. One packet each of above three new Mammoth Verbenas for 25c.

1700—**Verbena White (Sea Foam).** Large and sweet scented. Pkt., 5c.; large pkt., 10c.

1701—**Defiance.** Brilliant scarlet. Pkt., 5c.; large pkt., 10c.

1702—**Striped.** Pkt., 5c.; large pkt., 10c.

1703—**Dark Blue, White Eye.** Pkt., 5c.

1704—**Purple Mantle.** Rich, deep velvety purple, white eye. Pkt., 5c.

1705—**Purple.** Pkt., 5c.

1713—**Primrose Yellow.** Very pretty. 5c.

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.

1737—**Dwarf White.** Pkt., 10c.

1738—**D. Scarlet.** Pkt., 10c.

1739—**D. Mixed.** Pkt., 10c.

1709—**Mayflower.** This is of the same trailing habit as the Arbutus or Mayflower, its branches creeping over the ground and hugging it closely. Its blossoms are of the same shape and about the same size. The new Verbena Mayflower has all these characteristics, with the additional merit of possessing the same lovely and delicate pink and white coloring, making its flowers closely like the Arbutus; and, last, it has the same exquisite fragrance. Pkt. (75 seeds), 10c.; 3 for 25c.

1710—**Mammoth, Mixed.** The individual flowers are all of unusual size and also embrace a wide range of colors; they are of very large size, being frequently larger than a silver quarter; in fact, many are scarcely covered by a silver half-dollar. The colors are varied and embrace all desirable markings. Pkt., 10c.; 3 for 20c.; ¼ oz., 40c.

1711—**Verbena, Extra Choice, Mixed.** ¼ oz., 30c.; pkt., 10c.

1712—**Verbena, Fine Mixed.** ¼ oz., 20c.; pkt., 5c.

"VAUGHAN'S BEST" MIXTURE OF VERBENAS.

1729—This mixture embraces all that is choice and desirable in Verbenas. It includes the Mammoth Flowered strains of three celebrated Verbena specialists, the beautiful and dazzling Defiance, the New Mammoth Snowball, Purples, Striped and all the Auricula-Flowered varieties with their large umbels of white-eyed flowers, the New Giant Striped, the new "Mayflower," the new Mammoth Reds 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.



DOUBLE WALLFLOWER.

WALLFLOWER (Gold Lack.)

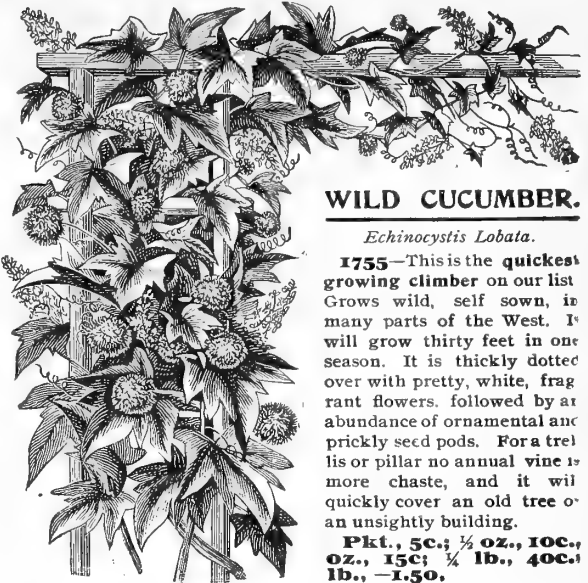
Wallflowers should be better known. Their ease of growth, their adaptability for pot culture and outdoor bedding and their peculiarly sweet odor, should win favor. They are easily grown, and last long as cut-flowers.

1751—Single. Mixed. Pkt., 5c.
1752—Double Sorts. Extra mixed. Pkt., 10c.

ANNUAL WALLFLOWER.

1753—The old English Wallflower is a favorite everywhere, but it cannot be grown in this country as well as it can in England, owing to the fact that it cannot stand our Winters in the open ground. This serious difficulty is overcome in this new strain. Seed sown in the open ground the first of May will commence blooming by the first of July, and if started earlier in the house or in hotbeds, they can be had in profusion from early in June until late Autumn, as they continue blooming through Autumn frost without injury. The blossoms are of large size and borne in compact, short spikes and are exceedingly sweet-scented. The plants are not injured by Fall frosts and bloom until December.

Pkt., 10c.; 3 for 25c.



WILD CUCUMBER.

Echinocystis Lobata.

1755—This is the quickest growing climber on our list. Grows wild, self sown, in many parts of the West. It will grow thirty feet in our 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.; 1/2 oz., 10c.; oz., 15c.; 1/4 lb., 40c.; lb., -1.50.



VAUGHAN'S GIANT-FLOWERING ZINNIA.

ZINNIAS.

DOUBLE LILIPUT ZINNIA. 1800—Another "good thing"; don't miss it. This is one of the most charming of annual flowers. The plants form handsome little bushes about fifteen inches 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 20c.

New Mexican Hybrid Zinnias—1801. 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, elegant plants that will please everybody. Pkt., 10c.; 3 for 25c.

Zinnia, Crested and Curled—1802. The flowers are large and double the petals being twisted and curved into most graceful forms; the range of color is also remarkable, comprising the various shades of red, yellow, pink, as well as many intermediate tints, with some striped and pure white. The plants grow in bushes 2 feet in diameter, and are covered with flowers borne well above the foliage. Pkt., 10c.; 3 for 20c.

1803—Mixture of Double Large-Flowering Zinnias. Many colors, finest strain. Oz., 25c.; 1/2 oz., 15c.; Pkt., 5c.

- 1805—Pure White. (Snowball.) 5c.
- 1806—Dwarf Scarlet. (Fireball.) 5c.
- 1807—Golden Yellow. Pkt., 5c.
- 1808—Double Crimson. Very double. Pkt., 5c.
- 1809—Double Pink. Pkt., 5c.
- 1810—Carnation Striped. Flowers are of perfect form, double and as finely striped as a Carnation. Pkt., 5c.
- 1811—Zinnia Mexicana Fl. Pl. Dwarf variety, yellow flowers. Pkt., 5c.

DOUBLE POMPONE ZINNIA.

1804—A very fine strain, containing many rich colors and shades. The plants grow about 2 feet high, and the flowers are in size between the Liliput and the Large Flowering. Very desirable. Pkt., 5c.; 1/2 oz., 15c.; oz., 25c.

VAUGHAN'S GIANT-FLOWERING ZINNIA:

1812—This is a mixture of the largest Zinnias yet obtained, plants being of vigorous growth, about 3 feet 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 inches 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.; 3 for 20c.; 1/4 oz., 30c.

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.

2010—DWARF SORTS. Lb., \$1.00; 1/4 lb., 30c.; oz., 10c.
2011—TALL VARIETIES. Lb., \$1.00; 1/4 lb., 30c.; oz., 10c.

AN INEXPENSIVE GARDEN. Order by this name.

For 50c. we will send 1 pkt. (regular size) each of Tall Nasturtium, mixed colors; Phlox, 10 colors; Sweet Peas, 20 kinds; Asters, 6 colors; Petunia, 10 colors; Candytuft, white; Sweet Sultan; Canarybird Climber; Pomponne Zinnia and mixed Verbena, all choice strains, and 5 fine Gladiolus Bulbs.

Ten Packets Choice Flower Seeds and 5 Bulbs for 50c.

VAUGHAN'S CLIMBER COLLECTION.

- No. 2000—6 Different Climbers, our selection of kinds, 20c. (retail value 30c.)
- No. 2001—12 Different Climbers, our selection of kinds, 40c. (retail value 60c.)
- No. 2002—Twenty Climbers, mixed, per large pkt., 15c.; 2 for 25c.

OUR WILDFLOWER AND KINDERGARTEN

2012—Not only is the love of the beautiful, and artistic taste aroused but there also comes a love of order and an incentive to work when the child is given a personal interest in the cultivation of the garden. With a small expense of labor, the Kindergarten can be transformed into a delightfully attractive spot, and form the most instructive of school-rooms and the happiest of playgrounds. This mixture embraces over a 100 sorts of easy-growing flowers most suitable for any bare or unsightly spots in the yard, to sow along fences, on embankments, etc. All the cultivation necessary is some thinning out where the plants are too crowded and to keep the spot clear of weeds.

Pkt., 5c.; 1/2 oz., 10c.; oz., 15c.; 1/4 lb., 35c.; lb., \$1.00.



THE HARDY FLOWER GARDEN. Order by this name.

- FOR 50c. we will send one packet each of the following:
- AQUILEGIA, (Columbine.)
- CAMPANULA
- CHRYSANTHEMUM MAXIMUM
- COREOPSIS LANCEOLATA.
- DELPHINIUM, (Larkspur.)
- FOXGLOVE, (Digitalis.)
- GAILLARDIA.
- HOLLYHOCK.
- PLATYCODON.
- SWEET WILLIAM.
- 10 packets of Choice Perennials for 50 Cents.

SUMMER FLOWERING BULBS

New Free-Flowering Tuberous

Begonias.

These are especially adapted to bedding purposes, being a blaze of color from July until frost sets in.

Bavaria. A single flowering variety growing six to eight inches in height and throwing up fine graceful spikes of bright rosy carmine single flowers. Each, 35c.; 3 for \$1.00; doz., \$3.50.

Bertini. Grows from 10 to 12 inches high; single flowering with elongated petals of a vermilion color. Excellent for bedding as well as for pot culture. The flowers are produced on graceful stems well above the foliage, and for brilliancy of color and resistance against sun heat this variety is the best. Each, 25c.; 3 for 75c.; doz., \$2.50; 100, \$18.00.

Cardinal. This variety which has never been offered in this country before, is one of the best sun resisting bedding Begonias in existence. Flowers are single of a dark rosy scarlet, and measure from 2½ to 3 inches in diameter. Plants grow from 12 to 15 inches in height, are of strong, vigorous habit and extremely free-flowering. Each, 30c.; 3 for 85c.; doz., \$3.00; 100, \$20.00.

Graf Zeppelin. Of strong, vigorous, though dwarf habit growing from 6 to 8 inches in height. Double flowers of rich scarlet of great brilliancy and one of the best kinds for bedding out. Planted out in a sunny position it is of startling beauty and has to be seen in order to appreciate its most dazzling effect. Each, 20c.; 3 for 55c.; doz., \$2.00; 100, \$15.00.



NEW BEGONIA 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.

Tuberous Rooted Begonias

This showy flower has become very popular and deservedly so, as they are perhaps the handsomest of all Summer flowering tuberous rooted plants. To those of our customers who are tired of planting Geraniums every year we would recommend them trying a bed of Begonias as a substitute. They will succeed in any rich well drained soil, and prefer a position where they will be protected from the direct rays of the sun during the hottest part of the day. They also make fine pot plants for the conservatory or window garden. They may be had in both single and double sorts in the following colors:

SINGLE SORTS.		DOUBLE SORTS.	
White.	Scarlet.	White.	Scarlet.
Yellow.	Pink.	Yellow.	Pink.
Each, 7c.; 4 for 25c.;	Each, 12c.; 4 for 45c.;	Each, 12c.; 4 for 45c.;	Each, 12c.; 4 for 45c.;
doz., 70c.; 100, \$5.00.	doz., \$1.25; 100, \$8.00.	doz., \$1.25; 100, \$8.00.	doz., \$1.25; 100, \$8.00.
SINGLE MIXED COLORS.		DOUBLE MIXED COLORS.	
Each, 5c.; 4 for 18c.;	Each, 10c.; 4 for 35c.;	Each, 10c.; 4 for 35c.;	Each, 10c.; 4 for 35c.;
doz., 50c.; 100, for \$3.75.	doz., \$1.00; 100, \$7.00.	doz., \$1.00; 100, \$7.00.	doz., \$1.00; 100, \$7.00.

Galadium Esculentum ELEPHANT'S EARS.

One of the most effective and easily grown plants for the lawn or flower border. 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 feet high with leaves 3 feet long and 20 inches wide. We make a specialty of supplying bulbs of this splendid plant and handling them, as we do, by the carload, enables us to select only sound well cured bulbs for our retail trade.

FINE BULBS WITH LIVE CENTER SHOOTS.

FIRST SIZE BULBS. 1½ to 2½ in. in diameter; each, 10c.; 3 for 25c.; doz., 85c.; 100, \$5.00. Postage 5c. each extra.

SELECT SIZE BULBS. 2½ to 3 in. in diameter; each, 12c.; 3 for 30c.; doz., \$1.10; 100, \$7.00. Postage 8c. each extra.

EXTRA LARGE BULBS. 3 to 4 in. in diameter, each, 18c.; 3 for 50c.; doz., \$1.75; 100, \$13.00. Postage, 10c. each extra.

MAMMOTH SIZE. Beautiful bulbs. Each, 30c.; 3 for 80c.; doz., \$3.00. Postage 15c. each extra.

FINE
BULBS
With Live
CENTER
SHOOTS

AMARYLLIS.

Formosissima. One of the finest of the Amaryllis family, having beautiful dark scarlet flowers, strangely marked. It is very free blooming and can be easily grown in water like the Hyacinth or Chinese Lily. If planted outdoors after danger of frost is over it will flower during the Summer, and can then be lifted in early Fall and carried over the Winter like the Gladiolus. Large Bulbs, each 10c., 3 for 25c.; doz., 90c.

Johnsonii. The old favorite and almost too well known to need description. The 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, 30c.; 3 for 85c. Mammoth Bulbs, each, 50c.; 3 for \$1.25.



CALADIUM ESCULENTUM

NEW HYBRID YELLOW CALLA.

The result of a cross between one of the rare Yellow Callas and the well known white-flowered spotted-leaved Richardia Maculata. It has the foliage, the vigor, the propagating and free blooming qualities of its white parentage while the color of the large fragrant flowers is a beautiful Canary Yellow with an intense purple base inside. It was originated by Dr. W. Van Fleet of New Jersey, and is an especially valuable bulb for summer bedding, the effect in masses being distinct and brilliant. It is also a very desirable conservatory and aquarium plant, very healthy and a ready bloomer. Each, 30c.; doz., \$3.00.

APIOS TUBEROSA.

A hardy tuberous rooted climber, which grows to a height of 8 to 10 feet. Vine and foliage resemble the common Wistaria in miniature. Flowers are deep purple and have a strong fragrance. 2 for 10c.; 5 for 20c.; doz., 45c.

Spotted Leaf Calla. 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, 15c.; 2 for 25c.; doz., \$1.25. Extra large bulbs, each, 25c.; 3 for 60c.

RED CALLA

(MONARCH OF THE EAST)

A remarkable bulbous flower which attracts immediate attention. The flowers, which are curiously formed, are spotted dark red on a yellowish orange ground and are entirely different from any other in coloring and shape. The only treatment necessary is to place the bulb on a table or shelf in a warm room or greenhouse. Very soon the bulb begins to show a head and within a week or two a curiously formed flower 16 to 18 inches long develops. Large size bulbs, 20c. each; \$2.00 per doz.; postpaid.

THE CINNAMON VINE: One of the most charming of climbers and will quickly surround your arbor, window or veranda with a wonderful profusion of vines covered with handsome, glossy heart shaped leaves and sweet-scented flowers, making it a perfect bower of beauty. The vines often run 25 to 40 ft., and when trained over and about a window or veranda are universally admired. Good roots, 5c.; 6 for 25c.; doz., 40c. Extra large roots; 10c.; 3 for 25c.; doz., \$1.00.

Toutes les commandes et communications faites en "Français" reçoivent nos meilleurs soins.

CHLIDANTHUS FRAGRANS.

A variety of the well-known Amaryllis family of free flowering habit with beautiful lemon flowers of a matchless fragrance, being a combination between the Lilac and the Tuberosa. Makes a splendid plant for outdoors or for pot culture. Keep the bulbs in a dry, warm place and plant out the first of June. Each, 15c.; 3 for 40c.; doz., \$1.45.

CRINUM KIRKI.

The grandest variety of this group. 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, postpaid. Extra Mammoth Bulbs, weighing about one and one-half pounds, \$1.00, postpaid.

Extract from Agricultural Advertising, issue of October, 1904.

VAUGHAN'S SEED STORE.

As one approaches the Agricultural Building he cannot help but note the beautiful display of flowers. Here is almost every variety suitable for outdoor growth, and a display that represents a number of the leading seed houses in the country. Perhaps most notable of these is that given by the Vaughan's Seed Store, a view of which is shown in this issue.

NEW GLADIOLUS PRINCEPS

PRINCEPS Has received an Award of Merit and Diploma of Honor at American Institute Fair, New York, 1901 and 1902, and Award of Merit, Royal Horticultural Society, London, Eng., 1901, and Gold Medal, St. Louis World's Fair, 1904.



THE BEST AND
LARGEST GLADIOLUS
IN EXISTENCE.



PRINCEPS FLOWER SPIKE. 3-5 NATURAL SIZE.

THIS magnificent variety, grown and developed by Dr. Van Fleet, of whom we purchased his entire stock, and introduced by us in 1903, is the largest and most effective and graceful of all Gladioli. It grows from 3½ to 4 feet high under ordinary garden conditions; its handsome foliage is a grand setting for the brilliant *Amaryllis-like* blooms which open more widely than any other variety, a characteristic it receives from *G. cruentus*, the mother species. The color is rich crimson with intense shadings in the throat, and broad white blotches across the lower petals. The flowers range from 5 to 6 inches in diameter, and can be grown to nearly 8 inches under stimulating culture. The petals are very wide and much rounded, forming an almost circular flower. From three to six of these immense and brilliant blooms are expanded at a time on each spike, which often produces 16 to 18 flowers during its development. *Princeps* is a most striking variety and the rate of increase is such that in time it can be produced in large quantities for bedding purposes as well as for cutting and exhibition. It endures the sun and wind well, and opens perfectly to the last bud in water. It blooms normally in August, but may be had late in October by delaying planting it. It forces splendidly.

**Read What Authorities Say
About Princeps**

"By their beautiful form, surpasses any with which we are at present acquainted—its flowering is continuous." PH. DE VILMORIN.

"It is the finest Gladiolus ever raised." MAX LEICHTLIN.

"They are by all means the most magnificent of any Gladiolus I have ever seen." LUTHER BURBANK.

"Princeps is the finest Gladiolus I have ever grown, and I consider it a great acquisition." ARTHUR GRIFFEN, Head Gardener for E. T. Gerry, Esq.

"The Gladiolus Princeps is one of the best varieties I have ever seen." A. GALBRAITH, Supt. for J. P. Morgan, Esq.

"I consider Princeps by far the best Gladiolus yet produced. The blooms surpassed everything in our collection." JAMES DOWLEN, Head Gardener H. L. Terrell, Esq.

PRICES FOR 1905

Large Bulbs

Each, 35c., 3 for \$1.00; Doz., \$3.50.

Medium Bulbs

Each, 30c., 3 for 80c.; Doz., \$3.00.

Small Bulbs

Each, 25c., 3 for 65c.; Doz., \$2.50.

These three sizes are all blooming bulbs, and prices are prepaid to any address in the United States.

THREE VALUABLE NOVELTIES FOR 1905

- BABY RAMBLER ROSE
- KING HUMBERT CANNA
- GLADIOLUS PRINCEPS

IT IS rarely that one season supplies to us or to any firm in Horticulture even one novelty as meritorious as these, and this season is a memorable one, which finds us able to offer the three grand specialties here mentioned at one time. Controlling as we do the bulk of the stock of these, we are in the best position of any firm in the country to supply to advantage.

**Special Offer
No. 600**

One plant of each, the Canna and Rose, and one bulb of the Gladiolus, post-paid, for \$1.30.

**Special Offer
No. 601**

Three plants of each the Canna and Rose, and three bulbs of the Gladiolus, prepaid, \$3.75.



Gladiolus

GIANT FLOWERED

Childsii Type

This giant race of Gladiolus produces large flower spikes of great variety and beauty, much stronger and more vigorous growers than the older sorts and the foliage is dark healthy green. They are tall and erect, often standing four feet high with spikes of bloom 20 inches long. Owing to their great substance and vigor they last in bloom a long time.

Prices on single bulbs and dozens include postage; 50 and 100 lots are not prepaid.

Blanche. Large pure white flowers with but faint markings. Plant is of medium height and is rarely blown over. One of the finest Childsii varieties. Each, 15c.; doz., \$1.60.

Brilliant. Beautiful orange red, with carmine and white throat. Each, 10c.; doz., \$1.00.

Columbia. Light orange, scarlet, blotched and penciled with bluish purple; throat freely mottled. Each, 6c.; doz., 50c.

Deborah. Dark red, tinged with Amaranth Pure white throat. Each, 10c.; doz., \$1.00.

Dr. Sellew. Deep rich rosy crimson, slightly penciled darker, center of petals and throat rayed white. Each, 8c.; doz., 85c.

Eva. Beautiful rose, shaded and marked with slate. Throat finely mottled. Each, 10c.; doz., \$1.00.

Governor McCormick. Extra large flower and truss. Beautiful rose, mottled with silvery gray and violet and white throat. Each, 5c.; doz., 50c.

Henry Gillman. Deep salmon-scarlet, pure white bands. Each, 3c.; doz., 25c.

I. S. Hendrickson. Large handsome spikes, color an irregular mottling of white and pink. Each, 40c.; doz., \$4.00.

Lael. Pink with carmine throat, shaded orange. Each, 10c.; doz., \$1.00.

Livonia. Light red with white mottled throat. Each, 5c.; doz., 50c.

Lowell. Fine pink and carmine beautifully striped. Each, 15c.; doz., \$1.50.

Marginata. Salmon with crimson, white throat. Each, 5c.; doz., 50c.

Mottled Gem. Large spreading flower, mottled white, violet and scarlet. Each, 5c.; doz., 50c.

Mohonk. A strong rank grower, flowers are of large size and great substance. Deep dark pink with spotted throat, shaded orange and flaked maroon. Each, 5c.; doz., 50c.

Mrs. Beecher. Beautiful deep rosy crimson, large swell opened flower, with pure white throat freely marked and spotted. Each, 5c.; doz., 50c.

Nezinscott. Bright blood scarlet, with deep velvety crimson, black blotches and white mottling in throat. Each, 6c.; doz., 60c.

Ruby. Dark ruby red with bright violet and white. 10c.; doz., \$1.00.

Wm. Falconer. Spike of great length and flowers of enormous size, light pink and blush, mottled. Each, 6c.; doz., 60c.

Variabilis. Enormous size and vigor, standing nearly seven feet high. Flowers range in color from deep pink flaked with blue black to a solid blue black. Each, 15c.; doz., \$1.50.

SPECIAL OFFER, NO. 500B. One each of the following six varieties, sent by mail postpaid for 50c.: Blanche, Henry Gillman, Lowell, Ruby, Mohonk, Variabilis.

CHILDsii FINE MIXED. This mixture includes all of the above 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.

GLADIOLUS MIXTURES

It is a well-known fact that 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. Recognizing this fact we make all of our mixtures of these bulbs ourselves, using named varieties and mixtures of proven merit, by this method we can safely guarantee our customers satisfaction when buying our mixtures.

RAINBOW MIXTURE

We believe this to be the best mixture of Gladiolus ever offered to the public at a nominal price. We have composed the same from the choice varieties mentioned on this page, also including the famous Childsii, Lemoines and Nanceianus sorts. Buyers in want of something "really good" in Gladiolus will make no mistake in securing a quantity of this most superb mixture. 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. With a view to supplying a high-grade mixture at moderate prices, 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 Childs' hybrids and other best mixtures, 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.

Seedling Mixture. This mixture is 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. Especially recommended to those who wish to make a brilliant show in the garden for a small outlay and to supply cut flowers during the Summer months. First Size Bulbs, 4 for 12c.; doz., 30c., postpaid; 50 for 90c.; 100 for \$1.50, by express at buyer's expense.

Gladiolus in Colors

All large flowering bulbs. In these shades will be found flowers equal to the finest named kinds.

Red and Scarlet Shades	By express at buyer's expense			
	Postpaid	Each	Doz.	Per 50
Scarlet, White Throat	\$0.04	\$0.35	\$0.85	\$1.50
Pink Shades	.05	.40	1.10	2.00
Yellow Shades	.05	.40	1.10	2.00
Striped Shades	.06	.50	2.00	3.50
	.06	.50	2.00	3.50

VAUGHAN'S SELECT LIST NAMED GLADIOLUS

The following varieties are selected from a long list of named Gladiolus as being the finest large flowering sorts, all worthless kinds being discarded.

Angele. Snow white blotched pink. Each, 10c.; doz., \$1.00.

Augusta. Lovely pure white with blue anthers. Each, 6c.; doz., 65c.

Bertha. One of the most conspicuous Gladiolus grown. Flowers are flame colored with a purple throat. One or two spikes of this variety will give character to a large bunch of other kinds. Each, 7c.; doz., 75c.

Blondine. Large straw colored flowers, slightly streaked rosy lilac at edges. Each, 8c.; doz., 85c.

Brenchleyensis. Intense fiery scarlet. Very showy. Each, 3c.; doz., 25c.

Canary Bird. Clear canary yellow. Choice. Each, 15c.; doz., \$1.25.

Ceres. Pure white, spotted purplish rose. Each, 4c.; doz., 30c.

Chamont. Lilac shaded with purple. Each, 12c.; doz., \$1.20.

Chrysolora. Golden yellow, the finest yellow variety. Each, 8c.; doz., 85c.

Corsaire. Dark velvety scarlet, compact spike. Each, 10c.; doz., \$1.00.

Countess Craven. Rose flaked carmine. Each, 10c.; doz., \$1.00.

Dr. Hogg. Mauve suffused rose, with white center. Each, 10c.; doz., \$1.00.

Emma Thursby. Striped carmine on white ground. Each, 10c.; doz., \$1.00.

Eugene Scribe. Tender rose, blazed carmine red. Each, 10c.; doz., \$1.00.

Florida Early. Large flowered dark red variety, very early flowering. Can be grown in pots. Each, 3c.; 3 for 7c.; doz., 25c.

Isaac Buchanan. Fine clear yellow, large spike. Each, 5c.; doz., 50c.

John Bull. White, tinged yellow, marked violet rose. Each, 4c.; doz., 35c.

La Cross. Handsome orange scarlet flaked maroon. Each, 7c.; doz., 75c.

Lepoussin. Light red with white blotch. Each, 7c.; doz., 75c.

Mrs. Crawford. A tall, healthy grower, towering above most other varieties. Long spike with usually ten to thirteen large open flowers of a beautiful cream color lightly penciled with fine scarlet lines at the edge. Each, 7c.; doz., 75c.

Madam Moneret. Delicate rose color. Each, 4c.; doz., 35c.

May. Pure white flaked rosy crimson. Each, 4c.; doz., 35c.

"1900." Flowers are borne on stalks 3 1/2 to 4 feet high, the length of bloom being from ten to sixteen inches. The color is a very rich shade of red with prominent white spots on the three lower petals. It has a long season of bloom and an abundance of green foliage. Each, 5c.; doz., 50c.; 100 for \$4.00.

Octoroon. Clear salmon pink, large flowers. Each, 10c.; doz., \$1.00.

Pactole. Yellow tinged with rose at the edges. Each, 10c.; doz., \$1.00.

Pepita. Bright yellow, slightly striped carmine. Each, 10c.; doz., \$1.00.

Reine Blanche. Pure white, dark carmine blotch. Each, 6c.; doz., 60c.

Shakespeare. Pure white blotched and flaked pink and violet. Each, 7c.; doz., 75c.

Snow White. A good pure white variety slightly tinted. Each, 15c.; doz., \$1.50.

Sunshine. Fine yellow, spike has usually twenty or more flowers. Each, 20c.; doz., \$1.80.

Thalia. White, flamed and streaked with carmine. Each, 6c.; doz., 60c.

GLADIOLUS "WHITE LADY." This is the only really pure white, large flowering Gladiolus in existence and also one of the finest varieties we know of. The flowers are of large size with wavy petals, which relieves much of the stiffness so often seen in most sorts. The "White Lady" should not be compared with the variety "Snow White," which usually shows a strong reddish cast and as a matter of fact is not to be classed as a pure white. Each, 50c.; doz., \$5.00.

Vaughan's "Border" Collection.

This collection consists of six of the best standard varieties selected from our list and cannot be surpassed for border planting. The kinds are as follows:

Augusta. Lovely white, blue anthers. **Brenchleyensis.** Intense fiery scarlet. **"1900."** Rich red with white spots. **May.** Pure white, flaked rosy crimson. **Isaac Buchanan.** Fine clear yellow, large spike. **Madam Moneret.** Delicate rose color. All Strictly First Size Bulbs.

6 Bulbs, one of each variety for	20c., postpaid
24 " four " " " "	75c.
48 " eight " " " "	\$1.35
96 " sixteen " " " "	2.50

By express at buyer's expense.

Summer Flowering Bulbs ♦ ♦ ♦ Tuberoses ♦ ♦ ♦

GLOXINIAS. New Giant Flowering Hybrids. Beautiful house plants of dwarf habit and easy culture. Flowers are trumpet-shaped, with beautiful markings, shaded violet, rose, blue or crimson. One bulb planted in a 5-inch pot will make a magnificent show, and if planted at intervals will give a continuous bloom for a long period.

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.

HYACINTHUS CANDICANS.

The flowers are bell shaped and pendulous, pure white in color and somewhat fragrant. The plant is hardy and grows stronger each year. Very useful along walls, fences and in beds. Each, 6c.; 3 for 15c.; doz., 60c., postpaid.

Ipomœa Mexicana, or Century

Vine. This is without question the easiest grown and most free flowering of all the Ipomœas, produces large size blossoms of rosy color, shaded violet or blue, and if planted in a shaded situation the flowers remain open all day. It is a wonderful quick grower, quite frequently making as much as thirty-five feet of vine in one season. The root increases as freely as does the Irish potato and in a short time you will have a plentiful number of them. 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., postpaid.

IPOMŒA PANDURATA, or

Blooming Moon Flower. This is perfectly hardy and increases in size each season. We get our stock direct from the collectors and take great care to send out only sure-growing tubers, that will grow and thrive in any soil, producing luxuriant, compact foliage and quantities of beautiful white flowers with a purple throat. 1st size roots, postpaid, 15c.; doz., \$1.50. Extra size roots, by express, at purchaser's expense, 25c. each; \$2.50 doz.

ISMENE CALATHINA.

The flowers are of very large size like an Amaryllis, novel form and of snowy whiteness, and are also exceedingly fragrant. As a pot plant it is grand, and as a garden bulb treated like a Gladiolus it is one of the choicest of all flowers. Strong flowering bulbs; 20c., each; 3 for 50c.; 7 for \$1.00.

MADEIRA VINE.

The Madeira Vine is of rapid growth, with dense and beautiful foliage, twining to great height. It grows anywhere, but does better in a warm, sunny, sheltered location. It is also a very pretty plant for training around the windows in the house. Strong Tubers, each, 5c.; 3 for 10c.; per doz., 30c.; postpaid.

MONTBRETIAS.

One of the brightest and best of Summer flowering bulbs, and one which will be more generally used when its merits become more fully known. Plant in clumps of six or 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.

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 and showy flowers. Pure white, pink or red. Either color, per doz., 10c.; 35 for 25c.; 100 for 50c., 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 throughout the Summer.

Conchiflora. Rich yellow, spotted red.

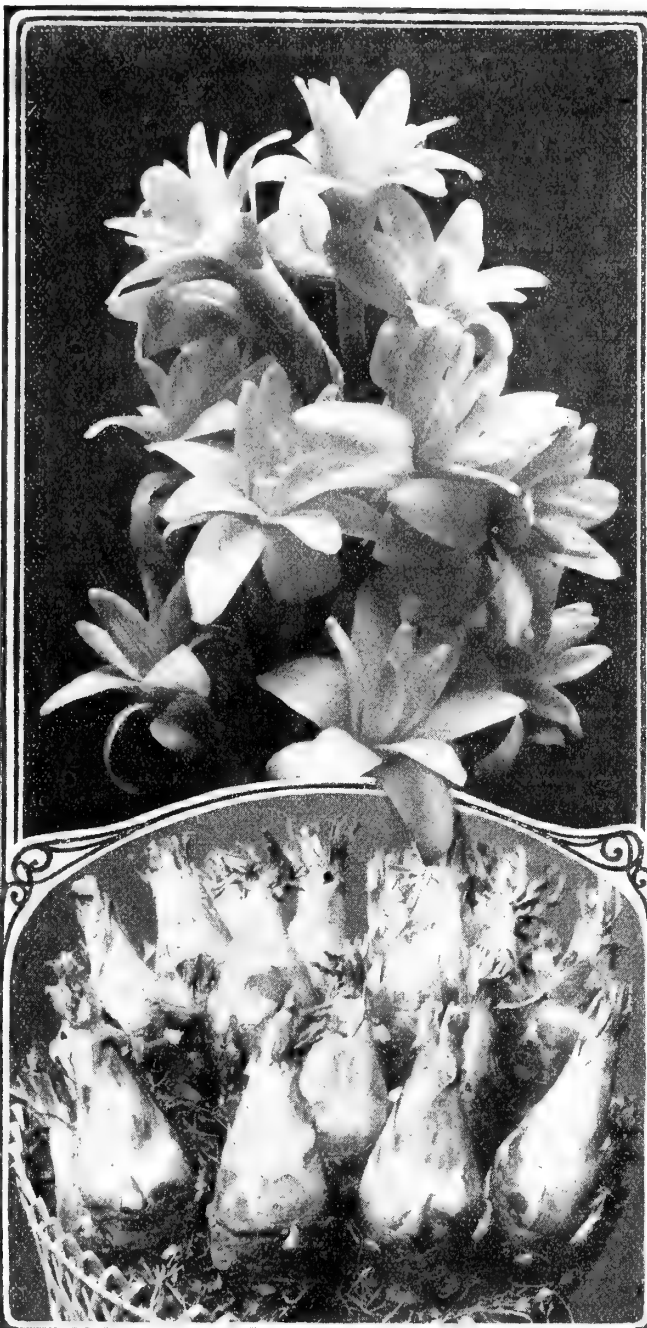
Speciosa. Scarlet.

Grandiflora Alba. White, with red spots.

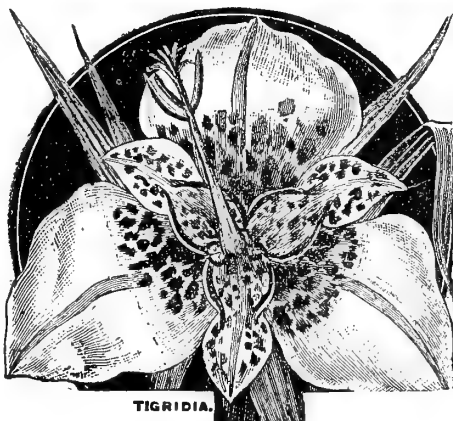
Canariensis. Yellow, spotted scarlet.

Price of any of above, each, 6c.; doz., 65c.; 100 for \$5.00, postpaid.

Tigridias, mixed colors, each, 5c.; doz., 50c.; 100 for \$4.00, postpaid.



FLOWER SPIKE AND BULBS--MAMMOTH PEARL TUBEROSES.



TIGRIDIA.

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. Handling as we do nearly a million of these each season, mainly for our wholesale and export buyers, enables us to select the choicest bulbs which the market produces for our Catalogue trade.

"Mammoth Excelsior Dwarf Pearl."

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 Tuberoses. The kind to grow if you desire "prize" blooms. Price each, 7c.; 4 for 25c.; per doz., 60c.; by express, each, 5c.; doz., 50c.; per 100, \$3.00. We supply 25 and over at the 100 rate.

First Size Bulbs. By mail, 3 for 12c.; per doz., 40c.; by express, 3 for 10c.; 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 Tuberoses.

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 everyone's garden. Each, 7c.; 4 for 25c.; doz., 60c., postpaid.

TALL DOUBLE. Flower spikes, 3/4 to 5 feet high; fine open flowers, free blooming. First Size.—Postpaid, 3 for 12c.; doz., 40c.; not prepaid, per doz., 35c.; per 100, \$2.00. Second Size.—6 for 15c.; doz., 25c.; not prepaid, doz., 20c.; per 100, \$1.35.

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.

ALBINO. New branching single variety, blooming much earlier than the old single variety, fine for cut flowers. Each, 5c.; per doz., 40c.

ZEPHYRANTHUS. When once tried these bulbs will always be grown, as they are among the prettiest and easiest grown flowers there are. For pot culture plant

three or four in a five or six-inch pot and they will bloom beautifully. For the garden plant in Spring and lift in Fall like 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., 35c.; 100, \$2.00, postpaid.

SPECIAL OFFER.

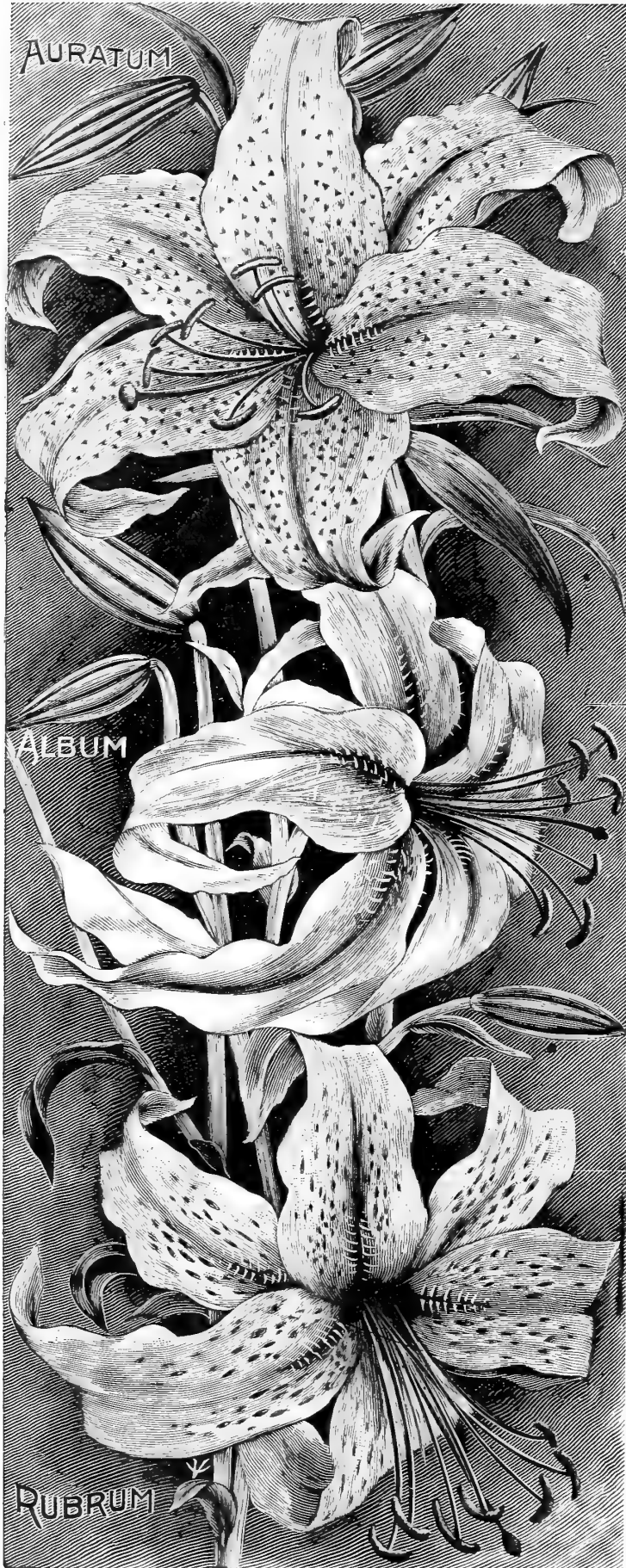
We will mail postpaid for 70 cents the following Summer flowering bulbs namely:

3 GLOXINIAS, 3 TUBEROSES
3 HYACINTHUS, 3 DWARF PEARL,
CANDICANS, 3 MONTBRETIAS,
3 ZEPHYRANTHUS CANDIDA. 6 OXALIS.

May 7, 1904.

PEORIA, ILL.—Your Tuberoses Bulbs are par excellence. This is the kind of stock I like.

JAS. C. MURRAY.



Vaughan's Hardy Lilies

ALL STRICTLY FIRST SIZE. Especially adapted to planting in borders, between shrubs, etc. Because of the great popularity of this most beautiful of all bulbous plants, hundreds of kinds have been offered to the public in small and inferior bulbs, such have shriveled and died before attempting to start into life, all of which has discouraged the many friends of this flower divine. Experience has taught us something about Lilies during the last sixteen years, and with each new Gardening Annual we prune our list, rejecting every variety which has not the size, substance, and lasting qualities necessary to a strong plant. Bulbs chosen from this list will produce a Lily Bed which will not be a disappointment.

All Prices are Postpaid unless otherwise mentioned.

Three Popular Japan Lilies

AURATUM, Gold Banded.

Justly famous as the most beautiful and fragrant of all Lilies; flowers white, dotted crimson, with a clear, broad, golden band running through the center of each petal. First size bulbs, each, 20c.; 3 for 50c.; dozen, \$1.90; by express at purchaser's expense, 25 for \$2.75. Mammoth size bulbs, each, 35c.; 3 for \$1.00; dozen, \$3.50; by express 25 for \$6.00.

SPECIOSUM ALBUM.

Pure white, with beautiful recurved petals, very fragrant. This with Rubrum and Melpomene, belong to the "Speciosum Section." First size bulbs, each, 20c.; 3 for 50c.; doz., \$1.90; by express at purchaser's expense, 25 for \$2.75. Mammoth size bulbs, each, 40c.; 3 for \$1.10; dozen, \$4.00; by express at purchaser's expense, 25 for \$6.00.

SPECIOSUM RUBRUM—Crimson Banded.

Flowers are white, with a deep rosy or crimson band on each petal, with deeper colored spots between. They are five to six in. in diameter, very fragrant, and have all the hardness of the Speciosum class. First size bulbs, each, 20c.; 3 for 50c.; dozen, \$1.75; by express at purchaser's expense, 25 for \$2.75. Mammoth size bulbs, each, 40c.; 3 for \$1.10; dozen, \$4.00; by express at purchaser's expense, 25 for \$6.00.

Special offer one each of above 3 varieties first size bulbs, postpaid 50c.

SPECIOSUM MELPOMENE

A most beautiful variety. Flowers frosted white, spotted, clouded and bearded with pinkish crimson. Petals deeply recurved and widely bordered. First size bulbs, each, 15c.; 3 for 40c.; doz., \$1.50. Extra size bulbs, each, 20c.; 3 for 55c.; doz., \$2.00.

BROWNII.

One of the most handsome Lilies, large trumpet shaped flowers, usually 10 to 12 in. in length. Chocolate purple outside, pure white inside; stamens a rich chocolate brown. Each, 40c.; doz., \$4.00.

CANADENSE, Meadow Lily.

This pretty Lily is one of our hardy native sorts, and bears a graceful stem of drooping, bell-shaped yellow and red flowers. Extra sized bulbs, each, 10c.; doz., \$1.00.

ELEGANS BICOLOR.

Perfectly hardy and will succeed in most any situation. Flowers large and showy; bright red, flushed orange. Each, 10c.; 3 for 25c.; doz., \$1.00.

LONGIFLORUM, or Bermuda Easter Lily.

Bears clusters of beautiful snow-white trumpet-shaped flowers of rare fragrance; should be in every garden. Extra bulbs, each, 20c.; dozen, \$2.25.

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.; dozen, \$1.20.

SUPERBUM.

The finest of the native Lilies. Flowers bright orange red, thickly spotted with purple. Remarkable for immense height (often 8 ft.) and profusion of bloom; a strong plant, bearing from 20 to 30 flowers. Extra sized bulbs. Each 10c.; dozen, \$1.00.

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 8 to 20 flowers. Each, 10c.; Doz., \$1.00.

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.; doz., \$1.25.

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.

TIGRINUM SPLENDENS. The best of all the Tiger Lilies. Bears large pyramid of flowers. Each, 12c.; doz., \$1.25.

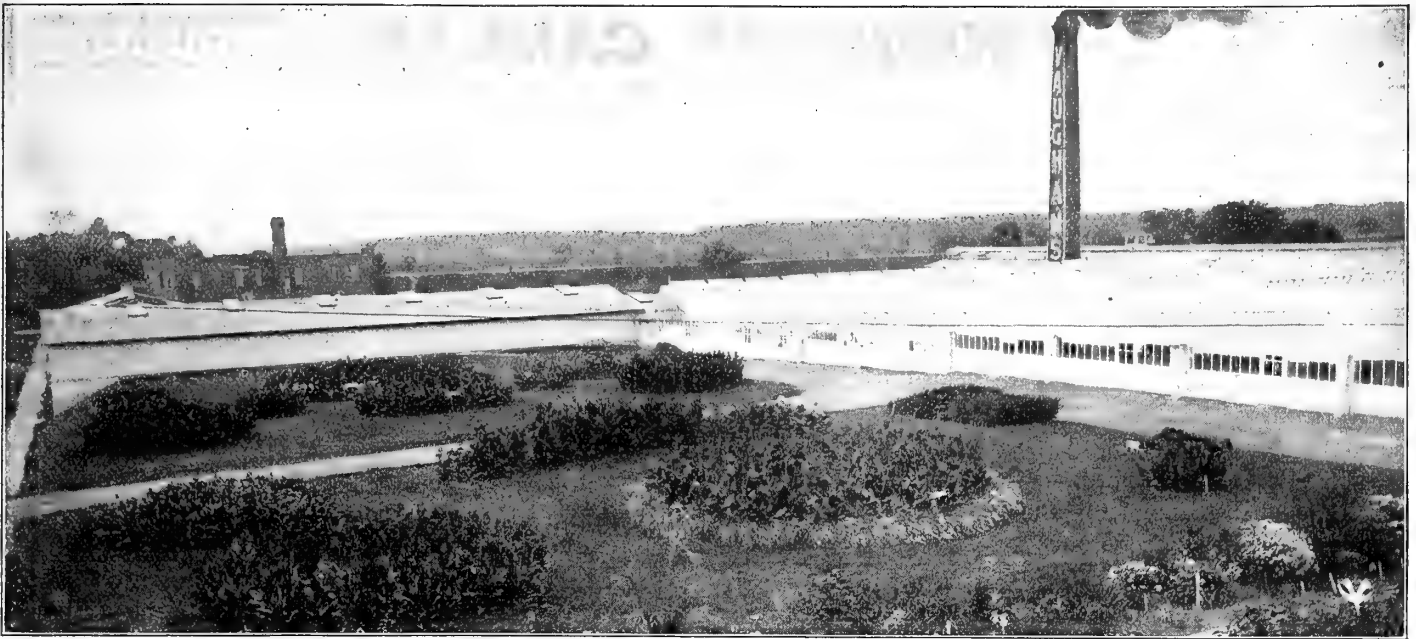
WALLACEI. Flower rich vermilion orange, spotted with maroon dots. Each, 8c.; dozen, 75c.

LILY-OF-THE-VALLEY.

Fragrant and Lasting. The rival and fit companion of the violet, there is no flower more lovely than this.

Large Flowering German Pips. 6 for 15c.; 12 for 25c., postpaid; by express at buyer's expense, 25 for 40c.; 100 for \$1.50.

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. 30c each; \$3.00 per doz.; \$22.00 per 100, by express or freight at buyer's expense. If wanted by mail, add 10c. each for postage.



VAUGHAN'S GREENHOUSES, 100,000 SQUARE FEET OF GLASS, WESTERN SPRINGS, ILL. BEDS OF CANNAS, SALVIAS AND PERENNIALS IN BLOOM. SUMMER, 1904.

Greenhouse and Hardy Plants

THE PAGES following show the wide range of plants which we grow at Western Springs. During the year past we have largely increased our out-door grounds actually in cultivation, and have added a nursery which is being rapidly planted. Of greenhouse grown plants of special interest we carry most complete stocks of Cannas and Geraniums, in sizes for immediate effect. The list will be found to contain the best bedding plants for all home grounds. Many of our customers ask for first sized plants for immediate effect and these we are well provided with. Those of our friends who live at a greater distance and desire smaller or mailing sizes of many kinds, will find such offered separate from the larger ones.

Our Premium Offer on Bulbs and Plants

We shall allow our customers who remit with their orders from this catalogue A DISCOUNT OF 10 PER CENT to be added to the aggregate amount of the order for Plants and Bulbs. For instance:

A \$1.00	remittance is entitled to	10 per cent premium (10c),	thus permitting a selection to value	\$1.10
A 2.50	" " " "	10 " " (25c),	" " " "	2.75
A 5.00	" " " "	10 " " (50c),	" " " "	5.50
A 10.00	" " " "	10 " " (\$1.00),	" " " "	11.00

It must be expressly understood, however, that premiums must be selected at the time of ordering, and also that premiums can only be allowed on the above-mentioned articles, viz.: **Bulbs and Plants.**

NOTICE.—The premium rates apply only to Plants and Bulbs at price per single plant. Do not apply to collections, special offers, prices by dozen, fifty or hundred rates, or to Fruit Trees, Ornamental Trees and Shrubs, or small Fruits. For seed premium rates see first inside cover page



ASPARAGUS PLUMOSUS NANUS.

Abutilon

FLOWERING MAPLES.

Savitsi. This is one of the most beautiful variegated foliage plants, both for the house and outdoors. It somewhat resembles SOUVENIR DE BONN, but is superior to this, 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 and thrives well outdoors, retaining its variegation in the hottest sun. It is most admirably adapted as a border for Cannas, Geraniums, and other taller-growing plants.

Each, 15c.; 5 for 60c., postpaid. The set of four Abutilons for 50c.

Aucuba,

or Silver Spotted Tree

A half-hardy evergreen shrub with laurel-like foliage of olive green, spotted with bright silver spots. A most useful plant for decorative purposes, either as a pot plant or for the porch and lawn in summer.

Strong, Bushy Plants, 15-18 inches high, each, 75c.
Large Plants, 2½ feet high, in tubs, each, \$3.00, all by express.

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, by express.

Ornamental Asparagus

(*Asparagus Sprengeri*)

Perhaps the best-known plant introduced in years. Especially useful to grow as a pot plant for decorative purposes or for planting in ferneries or suspended baskets. It grows free the whole year round. As it withstands dry atmosphere it makes an excellent houseplant. A vigorous grower, producing sprays 4 to 5 feet long of fresh, green, feathery foliage. Strong plants, 15c.; 4 for 50c.; 12 for \$1.20. Large, bushy plants, 25c. and 50c. each Hanging baskets, 6 in. in diameter, with sprays 10 to 15 in. long; each, \$1.00, by express.

New Asparagus Myriocladus

An introduction from South Africa and undoubtedly the most attractive species yet introduced. The plant is of an almost erect habit of growth, producing fronds from two to three feet in length, which, when just unfolding, are of a peculiar and interesting metallic bronze, from which they change to a golden green.

Large specimen plants, 6-in. pots, each	.....	\$ 5.00
" " " " 7-in. " " "	.....	7.00
" " " " 8-in. " " "	.....	10.00

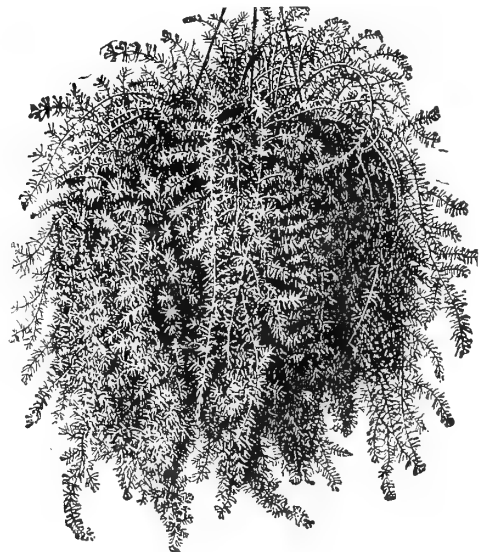
CHICAGO, ILL., June 10, 1904.

Vaughan's International Pansies germinated very well and made good strong plants, with flowers of fine color and good substance.

R. T. WARDER, Supt.
The Commissioners of Lincoln Park.

Asparagus Tenuissimus

Very fine, filmy foliage. A handsome climbing plant for the window or pots. Each, 15c.; 12 for \$1.00. One of each of the three Asparagus for 40c.; 12 for \$1.00, postpaid.



ASPARAGUS SPRENGERI.

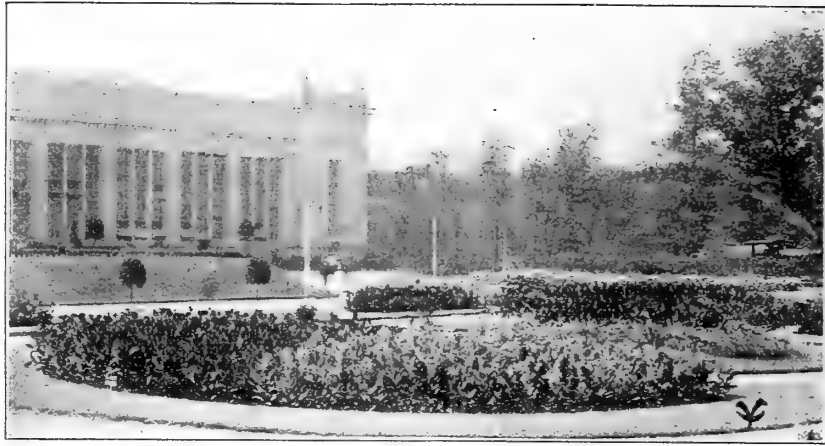
Special Offer No. 438. One each of Asparagus Plumosus, Sprengeri and Tenuissimus, postpaid for 30c.

Awarded a Gold Medal
at the
Pan American.

VAUGHAN'S CANNAS.

Awarded the GRAND
PRIZE at the
St. Louis World's Fair.

We are careful about Canna growing at Western Springs. We buy all the new ones, grow them with our own stock and discard a lot of poor ones each year. We have won highest awards at Four Great Fairs, Chicago, Omaha, Buffalo and St. Louis. We were awarded the highest honors at St. Louis, receiving for our flower beds of these and other plants in the plaza between the Horticultural and Agricultural Buildings **The Grand Prize**, one of the seven only awarded to American Exhibitors in Horticulture. Our present Canna list is most complete, and you can obtain the very best kinds from us.



VAUGHAN'S CANNA BEDS AT ST. LOUIS WORLD'S FAIR.

Vaughan's Novelty Cannas.

Compte de Sachs. 4 ft. Foliage deep bronzy green. The flowers open on nearly flat, petals fully 1½ inches wide, color clear crimson scarlet without markings. Flower heads large and full and carried well above the foliage and showing off to good advantage. Comes into flower early and continues to flower all summer. A solid bed of this Canna will produce a very brilliant mass of bright red. Each, 35c.; 3 for \$1.00; doz., \$3.00.

Elizabeth Hoss. New spotted Canna on the style of Florence Vaughan. Height 3½ feet, foliage dark green, thick and leathery. The flowers are extra large, of good substance and of a deep yellow, heavily dotted with crimson spots. A strong, robust grower and very free flowering. Each, 35c.; 3 for \$1.00; doz., \$3.00.

Frederic Benary. Height, 5 to 6 feet. Green foliage. An early bloomer. Its flowers are currant red with orange throat and yellow edge; as large as the orchid flowered class and much more durable and freely produced. Each, 30c., 6 for \$1.50; 12 for \$2.50.

Graf. Waldsee. 4 feet, foliage rich bronzy red. Flowers very large and of a rich Orange red color. The flower spikes are large and full, carried well above the foliage. An early and profuse bloomer. Each, \$1.00; 6 for \$5.00.

Canna King Humbert. (The New Giant-Flowered Canna). One of the Gold Medal varieties at the World's Fair at St. Louis, and central figure in our "Grand Prize" bedding display. The grandest type of Canna, flower and plant yet produced. For full description see page 128. Price, size A: 3-inch pot plants. Each, 50c.; 3 for \$1.25; 12 for \$5.00. Price, size B: 4-inch pot plants. Each, 75c.; 3 for \$2.00; 12 for \$7.50. Price, size C: 5-inch pot plants. Each, \$1.00; 3 for \$2.50; 12 for \$10.00. Size A and B price is prepaid. Size C price at buyer's expense.

St. Louis. (Vaughan's Seedling, 801). 5 feet. Foliage dark bronze. Flower crimson-scarlet, petals large, rounded, with glossy surface. Plant robust grower with 3 to 5 spikes. The dry flowers fall off promptly, making it an ideal bedder. The dark bronze foliage with scarlet flowers contrast well. We have grown it 3 years and it has been greatly admired by all Canna experts. Each, 50c.; 6 for \$2.75; doz., \$5.00.



CANNA PLANT IN BLOOM.

crimson veins running lengthwise of the petal and bordered with an irregular band of yellow. Gold medal awarded us for this at the Buffalo Exposition. Each, 40c.; 6 for \$2.00; 12 for \$3.75, by express.

SPECIAL OFFER No. 452. One each of the above 12 grand new Cannas by mail, postpaid, in 1st size for only \$4.00. If ordered separately will cost \$5.15.

SPECIAL OFFER No. 452A. The set of 12 in 4-inch pot size ready to bloom for only \$6.50, by express.

Madame Paul Cazeneuve. Height, about 4 feet. Very striking foliage, leathery, bronze-green with dark purple markings, similar to the old variety Discolor. Strong grower. Color of flowers, rosy-pink. A very effective plant. Each, 35c.; 3 for \$1.00; dozen, \$3.00.

Milwaukee. (Vaughan's Seedling 100). 3½ feet; foliage green; leaves pointed. Flower rich, dark maroon, darker than Duke of Marlboro. We find it the darkest of all Cannas. The flowers are large and form well shaped trusses which show off the flowers to advantage. Each, 25c.; 5 for \$1.00; doz., \$2.00.

Mrs. Wm. F. Kasting. Height, 3½ feet. green foliage. Color, brilliant crimson. Medium sized flowers of good substance. A profuse bloomer. Awarded a Gold Medal at the St. Louis World's Fair, 1904. Each, 50c.; doz., \$5.00; per 100, \$35.00.

Papa Nardy. New French Canna. Height, 4 to 5 feet. Green foliage. A strong grower and free-flowering habit, large rounding flowers of a beautiful purplish-crimson. Flower spikes large and numerous and are carried well above the foliage. A great show when massed on account of its attractive color and free-flowering habit. It is without doubt one of the best Cannas of to-day. Each, 35c., doz., \$3.00.

Senator Viger. Height, about 5 feet. Very large flowers of a beautiful brick-red, shaded fiery red and finely streaked with golden-yellow. Each, 30c.; 6 for \$1.50; doz., \$2.50.

Victory. (Gold Medal). Height, 5 to 6 feet. Extra strong, robust grower, throwing up immense flower stalks, each stalk having from 7 to 9 flower spikes. The flowers are of the largest size, petals measuring 1½ inches. A bright orange-scarlet, with fine

6 CHOICE NEW CANNAS.

Prices: A. By mail, postpaid: Each, 20c.; any 3 for 55c.; any 12 for \$2.00.
B. By express, at buyer's expense: Each, 20c.; 3 for 45c.; dozen, \$1.50; 25 for \$3.00; 100 for \$10.00 (net). These are plants from 3 inch pots.
C. Larger plants, from 4 inch pots, ready to bloom, each 30c.; dozen, \$3.00, by express only. These are ready May 15.

Black Beauty. (True). Awarded certificate of merit at the Pan-American Exposition. This is undoubtedly the finest dark-leaved Canna in existence. The broad tropical foliage is of the deepest crimson bronze, the young growth being fully as well colored as that of the finest Dracænas. It is a splendid, hardy grower, reaching 5 to 6 feet in height in rich soils. The flowers are insignificant, but the foliage is superb.

Red Indian. (Our seedling). Height, 4 feet. Dark, bronze leaf, strong, robust grower, sending up numerous flower stalks well above the foliage. Each stalk carries from 5 to 6 flowering spikes. Color deep scarlet, petals large and rounding. The bronze foliage and scarlet flowers make a grand contrasting effect. The only Canna of this color in bronze leaf.

The Express. In color it is bright scarlet-crimson a shade lighter than that of Philadelphia—one of its' parents. Large, broad petaled flowers in immense, compact trusses. The bed is a mass of bloom the entire season. Under most favorable conditions it only attains a height of 3 feet, but generally 2 to 2½ feet. This, added to its free, clean growth, makes it an ideal crimson bedder.

Beaute des Marches. Height, 5 feet. Green foliage. A strong, robust grower and free-flowering Canna. The flowers are extra large and rounding, opening out flat. Color clear, bright salmon-pink.

David Harum. (Our seedling of 1898). Height 3 to 3½ feet. Dark bronze foliage. Strong grower and one of the freest blooming Cannas we have ever seen. Flowers are of large size with well-rounded petals, good substance and not too compact. Color is a bright vermilion-scarlet dotted with crimson spots. Considered by experts to be one of the best Cannas at the Buffalo Exposition, and it was awarded a gold medal.

Mont Blanc. Grand New White Canna. This magnificent New Canna is the result of many years of careful hybridizing. **Mont Blanc** has a vigorous constitution, and produces its large, beautiful white flowers on strong branching stalks well above the foliage. It blooms early and continuously until stopped by freezing weather. Its foliage is bright, glossy green, very large and handsome, and so thick and leathery it is not often injured by rain or wind. It is a strong-growing vigorous variety, and will produce from 15 to 20 flower stalks in a season. Its great masses of snowy-white flowers contrast finely with the splendid crimson and pink varieties.

SPECIAL OFFER No. 454A. The 6 in 4-inch pots size ready to bloom for only \$1.50, by express.

3 BEST CANNAS One fine plant each of **King Humbert, Papa Nardy and St. Louis**, regular price, \$1.35, special price, \$1.00, postpaid. **SPECIAL OFFER No. 453. \$1.00**

12 Best Bedding Cannas 12

Betsy Ross. 2½ feet. Green foliage of compact bushy habit, throwing up an abundance of flower stalks well above the foliage. The flowers are large and the color is a beautiful soft pink, just the right shade you want in a pink Canna.

Buttercup. 3½ feet. Green foliage. A true bright buttercup yellow, large beautifully formed flower spikes. Stands unfavorable weather better than most any other kind and always shows up bright and clear.

Dwarf Florence Vaughan. It is of uniform dwarf habit, never exceeding 3 feet, with broad, massive, dark-green leaves. An early and continuous bloomer. Color, rich golden yellow, thickly dotted with bright red. It supplements that grand standard kind by repeating it in a dwarf growth.

Eastern Beauty. The flowers are a charming shade of light salmon and orange that changes after two or three days to a most attractive flesh pink. 4½ feet.

J. C. Vaughan. 4 feet. Purple foliage; flower large, color clear, deep vermilion-orange, with a satiny luster on the petals.

Jeon Tissot. One of the brightest of the very large flowered Cannas; color an intense brilliant vermilion with bright orange shadings, a color that can be seen as far as the eye will carry. It is of strong uniform growth, 5 feet, with massive green foliage.

Mad. Louis Druz. 3 feet. Green foliage. Fine compact flower heads; petals thick and heavy. Color bright scarlet with salmon throat.

Monsieur Jarry Desloges. Height 3 feet. Green foliage. The petals are long and rounding, measuring 1½ to 2 inches thick leathery substance. A dazzling scarlet orange.

Niagara. 3 feet. Green foliage. Great handsome trusses, broad, thick, durable petals; color rich deep crimson with a wide irregular border of deep golden yellow.

President McKinley. 3 feet. Green foliage. Medium size flowers of good substance; color a fiery, deep crimson. A profuse bloomer.

President Meyer. 4 feet. Bronze foliage. Color a pleasing shade of cherry carmine, both individual flowers and truss of immense size.

Queen of Holland. 3½ feet. Foliage very dark green, heavily veined and edged with bronze. Bears immense trusses. Color deep rich orange.

PRICES: By Mail Postpaid Each 20c., 3 for 50c. By Express Not Postpaid 12 for \$1.50, 25 for \$3.00, 100 for \$10.00. Strong Plants 3 Inch Pots By Express May 15, Extra Size 4 Inch Pots, each 30c., Dozen \$3.00.

Vaughan's Big Four. 50c SPECIAL OFFER No. 455: One each 50c of four Cannas below for 50c postpaid.

Florence Vaughan. The most famous of all Cannas. It still remains the best type of the New French Cannas. The flowers are rich golden yellow, thickly dotted with brightest red, 5 feet. No Canna collection is complete without this perfect ever bloomer.

Leonard Vaughan. 5 feet. Rich, deep bronze foliage. Very strong, robust grower; flowers freely, and well formed, flower spikes show boldly above the foliage. Color, bright scarlet, without markings, and with very wide petals measuring 1½ inches. Best dark foliage, good flowering Canna to date.

Chicago. Two of the three expert Canna judges of the Society of American Florists pronounced this the best of all red varieties; 5 feet, green foliage. The large flowers open out nearly flat; petals 1½ inches wide and five in number. The color is a clear, deep vermilion, smooth and without markings, except a purplish gloss. It comes into flower when quite small and continues to flower all summer. Flower stalks never laggard.

Egandale. Height 4½ feet. Considered by experts the best in this class. Purple foliage; strong, compact flower spikes; color, currant red. The finest bedding Canna of its color, because of its harmony of leaf and flower.

Price of the above, each 20c.; any 3 for 50c., by mail, postpaid. By express at buyer's expense, 12 for \$1.50; 25 for \$3.00; 100 for \$10.00. Strong plants from three inch pots. Extra large size, four inch pots, ready May 15th; each, 30c.; 12 for \$3.00, by express.

Vaughan's Selection Twelve Popular Cannas.

Alphonse Bouvier. 5 feet. Green foliage. Flowers crimson.

Alsace. 3½ feet. Green foliage. Flowers pale, lemon yellow.

Beaute Poitevine. 2½ feet. Green foliage. Large crimson flowers.

Chas. Henderson. 4 feet. Green foliage. Crimson flowers. Good bedder.

Crimson Bedder. 3 ft. Intense scarlet.

Discolor. Old Type, 10 feet. Mammoth leaves of a bronzy red; fine for foliage effect.

Duke of Marlborough. 3½ feet. Green foliage. The color is rich velvet maroon.

Mlle. Berat. 5 ft. Green foliage. A shade of rose carmine. The petals are long.

Mad. Crozy. 3½ ft. Green foliage. Vermilion with gold border around each petal.

Queen Charlotte. 4 feet. Green foliage. Rich orange-scarlet with a gold band.

Secretaire Chabanne. 4 feet. Green foliage. The color is a beautiful orange.

Souvenir d'Antoine Crozy. 4 feet. Green foliage. The flowers are scarlet-crimson, bordered yellow.

Price; The above Cannas, each, 15c.; 2 for 25c.; 12 for \$1.25, postpaid, 100 for \$8.00, 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 inch 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 \$6.00, all by express at buyer's expense.

SPECIAL OFFER No. 457. The set of 12 popular Cannas for \$1.25, postpaid.

If ordered by express at buyer's expense, larger plants will be sent at the same price.

6 GRAND CANNAS - Orchid Flowered.

The new class, double the size of the flowers of all former Cannas.

America. 4½ feet. Beautiful bronze foliage. The spikes very large and the flowers enormous, with yellow throat and petals of glowing red, flamed purple. Each, 20c.; 3 for 50c.; 12 for \$1.50.

Kate Gray. 7 feet. Green foliage. Immense flowers 5 to 6 inches. Most of the flowers have five petals, giving them a fine double appearance. Color orange scarlet, flaked with yellow. Each, 20c.; 4 for 60c.; 12 for \$1.50.

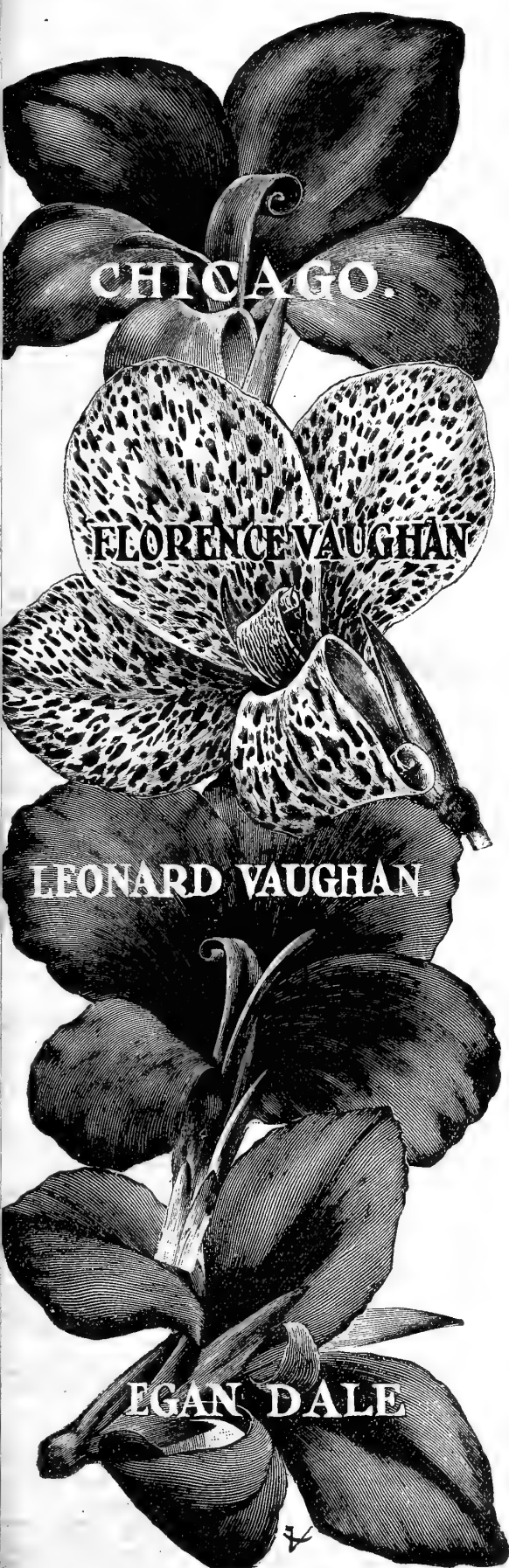
Pennsylvania. 5 to 6 feet. Green foliage. Flowers of extra large, often measuring 7 inches across, with petals 2½ inches wide. Deep red of solid color. Each, 25c.; 3 for 60c.; 12 for \$2.00.

Allemania. 6 feet. Green foliage. The outer petals are scarlet, with a very broad, yellow border. The inside of bloom scarlet and dark red. Each, 15c.; 4 for 50c.; 12 for \$1.25, postpaid. Per 100, \$8.00 by express.

Burbank. 5 feet. Green foliage. Flowers gigantic, upper petals spreading fully 7 inches, form really semi-double. Toward the inner parts, the petals show fine crimson spots, rest of flower yellow. Each, 15c.; 3 for 40c.; 12 for \$1.25; 100 for \$8.00, by express.

Italia. 5 feet. In color the center is of a brilliant red, the outer half of the circumference of each petal being a wide, irregular band of clear yellow. Each, 15c.; 2 for 25c.; dozen \$1.25.

SPECIAL OFFER No. 456. One each of six Orchid Flowering Cannas, postpaid for \$1.00.





Vaughan's Canna Bed Collections

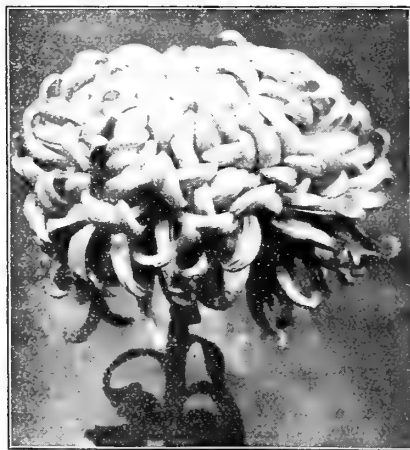
Careful adjustment of sizes and colors add much to effective Canna beds. We know these plans to be good.

Estimates and plans furnished for larger beds of Cannas of any size or form, and with varied foliage or flowering effects.

Set the plants 18 inches apart each way, using the taller ones (see height in description) for the center, and the dwarfier kinds for outer circles, with shortest ones at edge.

Customers who prefer to make their own Canna Bed Combinations can select any varieties that we list and remit for each at the dozen rates which apply to them. Note that we offer the plants in two sizes.

First Size, from 2 1/4-inch pots. Larger Size, from 4-inch pots, ready to bloom. We hope that all flower lovers will take advantage of some of these grand offers.



WM. DUCKHAM.

Two Odd and Novel Mums.

The Baby Chrysanthemum.

This is the smallest and prettiest of the Pompons. In color, it is a bright golden yellow, the individual flower being from 1/2 to 5/8 of an inch in diameter, very full and double. Every flower petal is quilled, which gives the blossom quite an unique appearance. The sprays carry from 6 to 18 flowers, according to their strength. It is a perfect pot plant, and finely adapted for growing in pans or pots. It is also very valuable for cut sprays. Each, 25c.; 3 for 60c.; 12 for \$2.00.

Chusan Daisy or Golden Chain.

Said to be the Mother of all Chrysanthemums—the original species from which have been developed the countless varieties of this regal flower. Our magnificent specimens of the plant were the sensations of the great World's Fair and Chicago Chrysanthemum Shows, November, 1904, each being 8 feet high and 8 feet through, and having upward of 10,000 golden, yellow flowers. The flowers are small and single, about 1 inch in diameter, each branch being literally covered from end to end with these small flowers. It has a blooming season of phenomenal length, producing blossoms up to April. Each, 20c.; 3 for 50c.; 12 for \$2.00.

Special Offer No. 421 on each of the Two Odd 'Mums for 40c.; 3 sets for \$1.00; postpaid.

When you receive special quotations kindly return them in case you order.

CHRYSANTHEMUMS

Vaughan's Novelty Set for 1905. ■ ■ ■

Price, each, 20c.; or the Set of 6 for \$1.00, postpaid, with Pamphlet on Culture.

Wm. Duckham. Very large Japanese incurved of a most pleasing pink. Vigorous in growth, stout in stem, well clothed with heavy foliage and crowned with a flower eight inches in diameter. It is medium early, blooming about Nov. 1st.

S. T. Wright. Is the biggest of them all, it looks mammoth. It is Red and Gold, of gorgeous shades, reflects till it shows pure Red, and is deep beyond belief. A strong grower taking care of itself.

Cheltoni. A fine, deep yellow of elegant form, incurved and reflecting narrow petals. Extra large sized flowers. Blooms last of October.

Exhibition Set.

Price, each, 15c., or the Set of 6 for 75c.; Postpaid.

"Golden Chadwick." It is a sport of the well known popular variety, W. H. Chadwick, same habits, form, etc., as the white variety, except in color, which is lemon yellow. A magnificent variety in both form and color, and unsurpassed in size.

Marion Newell. Flowers of extra size, measuring 9 inches in diameter. Reflexed variety, with large, wide petals. Color, almost a true pink.

Mrs. E. Thirkell. Deep yellow of mammoth size. Long whorled petals, drooping and expanding into a marvelous bloom.

Mrs. Coombes. A fine Exhibition variety of enormous size, of a beautiful shade of light rose, and belonging to the reflexed section.

Percy Plumridge. A very large Japanese incurved variety, of but-tercup yellow, petals of medium width, very full flower, as large as Mad. Carnot. Easy grower.

Lord Hopetoun. Large, and of very fine form. One of the best bright-reds, and excellent for Show purposes.

Mrs. Nathan Smith. Pure glistening white, very chaste. Flowers of great substance, loosely incurved and very symmetrical. Of dwarf habit, though very robust. One of the finest Japanese incurved introductions.

Queen Alexandra. Color, clear bright buff, flushed with pink, very brilliant and pleasing. Has broad petals that turn up, slightly at the tip. A very taking and showy sort.

Mrs. A. Klokner. A grand new variety of this year's introduction. An immense flower with reflexed curling florets eight inches in length, making up a bloom ten inches in depth. Color, bright pink with streak of white running lengthwise of each petal. A strong vigorous grower.

Chrysanthemum Set.

For Pot Culture.

The following list is a selection from over 100 sorts, and embraces the best sorts for pot culture. Each, 10c.; any 7 for 50c., or the set of 10, for 70c., postpaid.

Amorita. Japanese incurved, very attractive. Bright-satin pink.

A. J. Balfour. A large incurved Japanese of a fine, rosy pink. Flowers of great substance.

F. S. Vallis. Very large bright yellow, recurved, fine for Exhibition, though a little weak in the stem.

F. A. Cobbold. Deep mauve, much reflexed and with an early crown bud.

Garza. White, tipped yellow, single row of broad ray petals, well formed center. Specially adapted for growing as a bush plant.

Geo. W. Childs. The best bright red. Fine.

Lord Salisbury. Yellow, suffused with crimson, one of the very best of the reflexed section when early buds are secured.

Walter Molatsch. An incurved variety of a beautiful yellow and full form.

W. A. Etherington. Fine silver mauve. Very large flowers.

W. H. Chadwick. Noble, incurved, creamy white.

WE RECEIVED THE FOLLOWING PRIZES IN 1904.

At The Chicago Flower Show we received, on 19 entries, 15 First Prizes and 4 Second Prizes.

At the St. Louis World's Fair Flower Show we received 11 First and one Second Prize on 12 entries.

At the Joliet Flower Show we received 5 First Prizes on 5 entries. Besides the above we received The "Shaw" Gold Medal for the Baby Rambler (at St. Louis).

A Silver Medal for Dahlia Sylvia, and Silver Medal for Gladiolus Princeps. Grand Prize for our exhibit of decorative and flowering plants at the St. Louis Flower Show, the only one awarded.

**OUR
PRIZE RECORD
FOR 1904.**



THE BELLE.



Carnations.

VAUGHAN'S NOVELTY SET.

The new carnations are the most popular, beautiful and durable cut flowers for personal wear and for decorations. The mammoth new ones are giants in size, some 3 1/2 inches 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 \$1.50, by mail, postpaid.

SPECIAL OFFER. One each of the 8 Novelty Carnations for only 90c., postpaid.

Enchantress. A phenomenal success. Color, delicate blush pink, deepening towards the center. Size, 3 1/2 inches across. Form and calyx flawless, stem long and stiff. Sure to be a favorite.

Flamingo. Color, dark scarlet, large full flowers, 3 1/2 inches, with a 30-inch stem which holds the handsome flower perfectly. Winning the Silver Medal at Brooklyn.

Indianapolis. The color is a very bright shade of clear pink without a trace of either blue or salmon, and the color holds its brightness until the bloom goes to sleep. Size, 3 to 3 1/2 inches.

Gold Nugget. The first yellow that can be pitted against Buttercup in point of color and in all other points of that celebrated variety. Strong grower and free flowering, long, strong stem. Flowers 3 inches in diameter and a deep golden yellow with faint red stripes.

Mrs. M. A. Patten. A splendid new variegated variety; white with distinct red stripes, making a most pleasing effect. It is a very large flower and more free than any of its class.

Nelson Fisher. The large 3-inch flowers are a deep Cerise pink, very free flowering habit. Considered the best of its color. Very fragrant.

The Belle. Color, pure white, size full 3x3 1/2 inches, form perfect, stem stiff and wiry, fragrance, spicy clove. Early and free flowering.

Gov. Wolcott. Pure white blossoms of fine form and substance with a uniform average of 3 inches in diameter, on long, wiry stems, 2 to 3 feet in length. The habit of the plant is ideal, healthy and vigorous. Don't fail to include the Enchantress Carnation in your order.

Novelty Carnations for 1905.

Each, 25c.; any 3 for 65c.; any 6 for \$1.20, by mail, postpaid.

Fiancee. Clear pink; a lively, bright, pleasing color. Flowers are extremely large, 3 1/2 inches being common and 4-inch flowers not a rare occurrence; depth, 2 inches and over. One of the earliest and freest bloomers, continues well through the season.

Gibson Beauty. Color, magnificent shade of pink, shading to a very light pink at the outer edge of lower petals, producing a color not yet seen in the carnation.

Richmond Gem. Size of flowers 2 1/2 inches. The form is round, built nearly in the center, slightly fringed. The color is as near perfect as one desires. The stem is long and wiry, 24 inches and over, and holds the flower up nicely at all times. The color is a brilliant scarlet, habit of growth upright, and no surplus grass, every shoot producing flowers. Comes in flower early and continues throughout the season.

Red Lawson. It is a bright pleasing scarlet, habits and growth like its parent, Mrs. Thos. W. Lawson, an excellent grower and very free flowering. Size of flowers 3 1/2 inches, and is without a doubt one of the finest carnations of its color.

White Lawson. A sport from Mrs. Thomas W. Lawson having all the good qualities of that grand variety Mrs. Lawson, differing only in color, which is a pure white.

Cardinal. Considered by carnation experts to be the best new scarlet carnation yet offered. The flowers are 3 1/2 inches in diameter, a prolific bloomer, and very fragrant.

Special Offer No. 437. The three sets of above carnations, one each of the 20 grand carnations for only \$2.25, postpaid.

CASSIA ALATA—MRS. TEMPLE. A new variety of Cassia, a good thing for late summer blooming, the same as *Salvia Splendens*. If used for planting around a red flowering Canna bed 3 feet apart it makes a magnificent show. Also grand for planting around Canna Black Beauty or among grasses, besides making a very showy border plant. Covered with Pea-shaped flowers of a deep yellow through August, September and October. Each 15c.; 3 for 40c.; 12 for \$1.00. Large one year old plants. Each, 30c.; 12 for \$3.00, by express.

Vaughan's Columbian Set of Carnations.

SIX BEST AND MOST DISTINCT SORTS FOR 1905

Each, 15 Cents; any 2 for 25 Cents, postpaid.

Crusader. Form is always perfect. Produces strong stems from 20 to 30 inches in length, according to the season. It is a more robust and quicker grower than even the Lawson, and a freer bloomer. Color, bright Scarlet and average size of bloom is 3 to 3 1/2 inches; very double and slightly fringed.

Morning Glory. Color a delicate blush pink, very early and free flowering, and will give more large size flowers than most any other carnation.

Prosperity. This is unquestionably the largest carnation of any color, measuring 4 inches in diameter. The flowers are full and double and have a delightful clove fragrance. The color is a pure white, overlaid with shadings of soft pink, reminding one of beautiful tints seen in Azaleas.

New Cactus

"Deutsche Kaiserin."

A grand new flowering Cactus. A curious plant with thin wide fleshy stems, the edge being covered with fine little puckers. When full grown it forms a bushy plant about 18 inches high. Flowers throughout the year. The flowers are crab-shaped, fully 3 to 4 inches long and of a beautiful rose-pink color. Will thrive in any living-room and stand almost any kind of treatment. Each, 25c.; 5 for \$1.00.

Two New Croton - Leaved

Coleus.

Each, 15c.; the 2 for 25c.; or 12 for \$1.00.

Anna Pfister. Pointed leaves 6-8 inches 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 inches and measuring 10-12 inches across. We showed this in our "Grand Prize" flower 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.



FANCY LEAVED CALADIUMS.

Or One Each of the Following Six Splendid Sorts for 50 Cents, Postpaid.

Mrs. Thos. W. Lawson. This is without a doubt the largest Pink Carnation at the present time. The flowers measure over 3 1/2 inches in diameter. The color is a beautiful deep pink. The originator of this grand carnation was paid \$30,000 for the original stock, the highest price ever paid for a plant novelty in this country.

Governor Roosevelt. A brilliant scarlet, heavily shaded with maroon; flowers, 3 to 3 1/2 inches in diameter. A vigorous, healthy grower, the stems reaching 2 1/2 to 3 feet and holding the flowers very erect.

Lady Bountiful. Color pure glistening white, size 3 1/2 inches, perfect form, very fragrant. A strong feature is its wonderful blooming qualities. This is one of the best new whites of last year.

Fancy Leaved

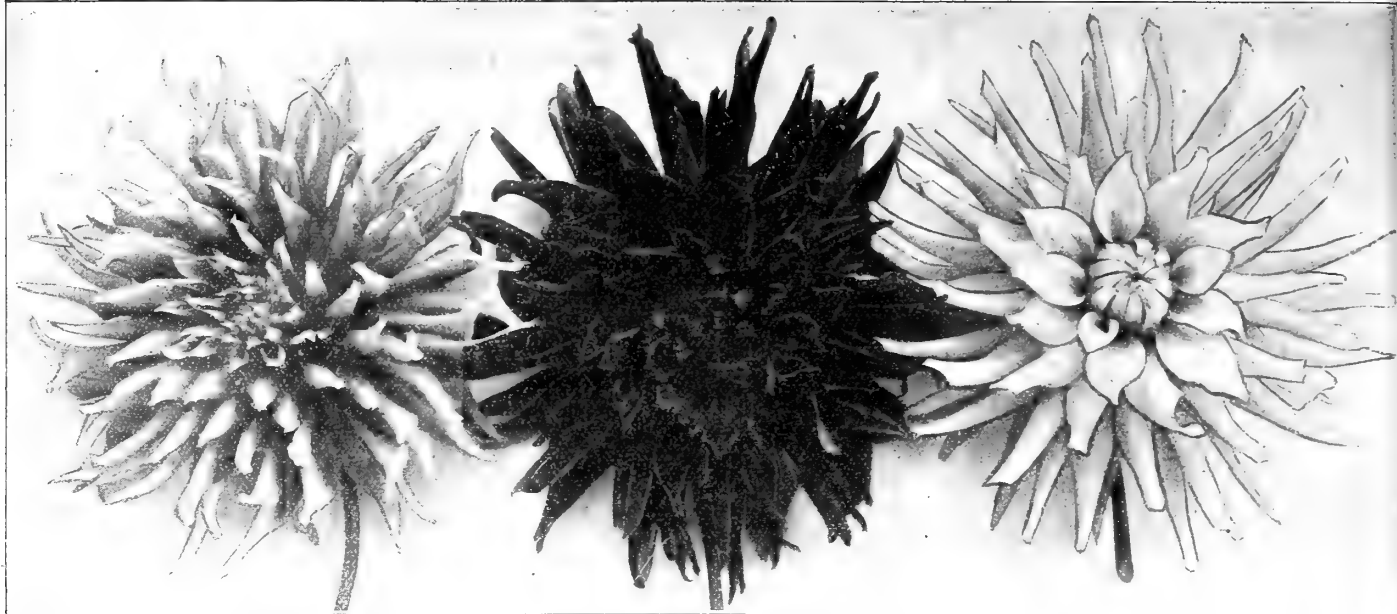
Caladiums.

For parlor or greenhouse growing, this is one of the most decorative plants. The leaves, handsomer than Begonias, are spotted, marbled, veined and striped with white, pink and dark red. These bulbs, though comparatively rare, are easily grown, and their handsome foliage is much admired. Bulbs should be started into growth in a warm place. Each, 20c.; 3 new varieties, 50c.; 7 for \$1.00, postpaid; 25 for \$3.00.

Flowering Caladium. Plant larger than common caladium. The flower resembles a giant Calla and remains open three days and nights; first two days it is of the purest snow-white, the third day it changes to a pale yellow. Needs long season. Give it rich soil, the richer the better, and plenty of water. Each, 15c.; 2 for 25c.; 12 for \$1.25. Larger size, by express, each, 30c.; 3 for 75c.

Cobæa Scandens. One of the best and most rapid growing annual vines for porches, trellises, etc. One plant will soon cover 40 feet of surface. Each, 15c.; 2 for 25c.; doz., \$1.50. Extra large plants, by express, at buyer's expense, 35c. and 50c.

Umbrella Plant. (*Cyperus Alternifolius*). As decorative as a palm; thrives excellently in soil or water. Hardy, useful and beautiful window plant for all seasons. Each, 15c.; extra size, 30c.



INNOVATION.

PROGENITOR.

KRIEMHILDE.

18 New Chrysanthemum or Cactus Dahlias

The collection offered below is all of new sorts. We had over 50 varieties on trial in our fields last summer, and have selected the 18 described below as the cream of them all. The type is the most popular at the present day, and has much to commend it, combining the grace of the single varieties and without the stiff formality of the double show sorts.

Aunt Chloe. Flowers almost black, of fine form and free flowering. Very odd on account of their color.

Britannia. The perfection of a Cactus Dahlia, of a soft salmon color with an apricot shade towards the center, and an exceedingly free bloomer.

Gabriel. A fine variety of velvety crimson white; each petal is white half its length.

General Buller.

Soft velvety crimson white tipped with long narrow twisted petals. This is one of the best of the Cactus-flowering kinds.

Green's White. The best White Cactus Dahlia of the day, exceedingly free-flowering and very decorative.

Hohenzollern.

A free flowering long-stemmed variety of a deep bronzy shade.

Innovation. The finest two colored Cactus Dahlia. The center is of a deep scarlet, the extremities of the petals are white. Is a well-shaped and constant flower.

Kriemhilde. An exquisite, delicate shell-pink, shading to white in the center; undoubtedly the finest and most perfect pink Cactus Dahlia to date, and as a cut flower likely to supersede all other pink sorts.

It blooms very freely, producing flowers from 4 to 5 inches in diameter, on long, stiff, wiry stems. The plant grows to a height of about 4 feet. Each, 20c; 6 for \$1.00; 12 for \$1.75 in small tubers or pot plants. We can furnish large undivided field roots of this variety while they last. Each, 50c.; 12 for \$5.00 by express.

Landrath Dr. Scheiff. A large flower of light structure and very free flowering. Color a soft apricot shade.

Lodestone. Has long narrow petals of an apricot shade and carries its flowers well above the foliage.

Lord Roberts. An excellent white variety of perfect form, very free blooming and very valuable for cutting.

Mrs. J. P. Clark. A pretty flower of a peculiar combination of color, a bronzy orange tipped blush, of good shape and with long stem.

Mrs. J. J. Crowe. A long narrow petaled Cactus of a canary color, of very graceful handsome shape, and a variety which ought to be found in every collection.

Mrs. H. J. Jones. A very erect growing variety with flowers well above the foliage. It is of a cream color fringed Scarlet and with creamy white spots.

Progenitor. One of the grandest productions of the Cactus type. Petals twisted and split at the extremities giving a very effective appearance. A brilliant scarlet and one of the grandest kinds in existence.

Rackete. This new Cactus Dahlia is the same shape as Kriemhilde. We consider it one of the freest flowering of all Dahlias. The plants are covered with flowers from early in August until frost. The flowers 4 to 5 inches in diameter and of a bright scarlet color are borne on long stems. It is a grand cut-flower variety.

Uncle Tom. Color a deep velvet, almost black, a very fine shaped flower, with long stems and very free-flowering.

Volker. A fine new variety with clear golden yellow flowers borne on erect stiff stems and carried well above the foliage.

Price for strong one eyed tubers, except noted, each, 25c.; 6 for \$1.25; 12 for \$2.50, postpaid. Late in the season when dry roots or tubers become exhausted, we then fill orders with strong rooted pot plants.

Special Offer No. 425. One each of the above 18 Grand New Cactus Dahlias in small size for only \$3.00 by express or mail, prepaid.

Special Offer No. 426. For 60c., we will send one each of Greens White, Kriemhilde and Rackete, by mail, postpaid.

Special Offer No. 427. One each of the 4 Grand Dahlias illustrated on this page. Innovation, Progenitor, Kriemhilde and Sylvia for only 75c., postpaid.



SYLVIA.

THREE GRAND NOVELTY DAHLIAS

New Pink Dahlia "Sylvia." One of the most decorative Dahlias ever produced. A profitable commercial pink, ranking with the scarlet Lyndhurst and the yellow C. W. Burton. Flowers from four to six inches in diameter, of fine form and full to the center, which is white shading to soft pink on the outer petals. Petals of great substance, giving it a shipping quality not possessed by any other variety. The plant is a strong, healthy grower, averaging about five feet in height and bushy. An early and profuse bloomer. The fine shapely flowers are set on very long, stout but graceful stems. Each, 30c.; dozen, \$3.00; per 100, \$20.00; 1st size roots, large undivided field roots, each, \$1 00; 6 for \$5.00; 12 for \$8.00, by express.

SPECIAL OFFER No. 428. One each of the above three grand Dahlias in 1st size after April 15th, for 65c., postpaid.

Ingeborg Egeland. Price, pot plants ready April 1st, each, 25c.; dozen, \$2.50, postpaid. One of the grandest new introductions in Cactus Dahlias. A very robust grower, exceedingly free-flowering. Flowers of a rich deep scarlet, borne well above the foliage. This variety is giving the highest satisfaction.

Mrs. Theo. Roosevelt. Price, pot plants ready April 1st, each, 25c.; dozen, \$2.50, postpaid. A very fine new large flowering Dahlia of great merit. Flowers light pink, five to seven inches across.



20TH CENTURY.

STOLZER RIESE.

(All 1/2 natural size.)

PRESIDENT VIGER.

SOUV. DE FRANZ LISZT.

Rare Decorative Dahlias, (Single).

Price, small roots or plants, (except 20th Century) each, 25c., doz., \$2.50. Price, large field roots, while they last, each, 50c.; doz., \$5.00, by express.

Twentieth Century. A grand new single variety, entirely distinct from all previous introductions and not only valuable as a flowering plant for the garden but as a choice cut-flower. Is rosy crimson, tipped with white and has a white band around the disc. As the season advances they become lighter, until they are almost a pure white suffused with soft pink, not variegated but beautifully blended. Each, 20c.; 3 for 50c.; 12 for \$1.75; large roots, each, 50c.; 6 for \$2.50; 12 for \$4.00 by express.

Stolzer Riese. A giant single flowering Dahlia, very free blooming, about 4 1/2 to 6 in. in diameter, of a deep cherry red, marbled carmine with white circle around the center of the flower. A fine erect and robust growing variety, bearing its flowers well above the foliage. Awarded silver medal at Hamburg. Price see above.

Souvenir de Franz Liszt. A flower of gigantic size with two rows of petals. Color, carmine streaked and striped with white. Price see above.

President Viger. Striking and distinct, color rich claret, shading lighter at the edges with pure white collar occasionally rose tinted. Price see above.

Special Offer No. 431. One each of the Four Single Decorative Dahlias in pot plants ready April 15th for 80c., postpaid.

Four Grand Single Dahlias.

FASHION. Crimson maroon, flamed purple.
GOLD STANDARD. Very large, pure canary yellow.

WILDFIRE. Most brilliant fiery scarlet yet produced.

WHITE QUEEN. Pure white, large and free. Price, small roots or plants, each, 15c.; doz., \$1.50. The above set of 4 Single Dahlias for 60c., postpaid. Set of 4 in larger roots for \$1.00, by express.

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 4 for 50c., postpaid. Large field roots, each, 25c., set of four for 80c., by express.

ELFIN. Pale primrose changing to white; dainty.
ELEGANTE. Soft pink, tipped with deep pink.
SNOW CLAD. The finest of all white Pompons.
LA PETITE BARBARA. Beautifully quilled, pure white.

Special Offer, No. 434. The above 4 Pompon Dahlias for 50c., postpaid. Large undivided field roots, the 4 for 75c., by express.

Special Offer No. 436. 1 Brunhilde, 1 Catherine Duer, 1 Mrs. Winters in 1st size roots or plants for 50c. postpaid.

Special Offer No. 436A. The 3 in large undivided field roots for \$1.00 by express.

Special Offer No. 435. One each of 3 different types of Single Dahlias Aunt Chloe, 20th Century and Wildfire in roots or pot plants 40c. postpaid.

Special Offer No. 435A. One each in large undivided roots for \$1.00, by express.

10 Grand Decorative Dahlias.

All of the wide petaled and large double flowers. Price, each, except noted 15c.; doz., \$1.50 in first size bulbs or plants. Large undivided field roots, each, 35c.; doz., \$3.50, by express.

Catherine Duer. A Newport novelty. The flowers are of immense size, measuring 7 to 8 inches in diameter, open out flat and show no center; the petals are wide and rounding. They are abundantly produced on long, wiry stems. Color, the most beautiful glowing scarlet without markings. The plant is a strong robust grower; height 4 to 5 feet. Plants, each, 20c.; doz., \$2.00. Large field roots, each, 50c.; doz., \$5.00, by express.

Berwyn. Wide flat petals, rich velvet crimson, without markings. Six-inch flower.

Clyde. Extra large sulphur yellow; broad petals, constant bloomer. Each, 20c.; doz., \$2.00.

Clifford W. Bruton. Bright golden yellow. Very early.

Henry Patrick. Very large, pure white, long stems. Very few better whites.

Lyndhurst. Brilliant, fiery scarlet. A typical dahlia for cut-flower use.

Nymphaea. A double light pink, with broad petals. Long stems; fine to cut.

Mrs. Winters. The very best pure white dahlia to date. Flowers are 5 to 7 inches in diameter. Each, 20c.; doz., \$2.00.

Pres. Felix Faure. Broad, thick petals. Color, deep, purplish crimson. Extra fine.

Wm. Agnew. One of the most exquisite decorative dahlias, a most dazzling red of artistic form.

Special Offer, No. 430. One each of the above 10 Decorative Dahlias, first size for \$1.50, postpaid.

Cosmos-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. Each, 15c, any 6 for 75c., postpaid.

Special Offer No. 431. The collection of 6 for 75c. in small roots or pot plants, postpaid.

Special Offer No. 431A. The collection of 6 in large field roots for \$1.50, by express, while stock lasts.

ALICE LEE. A beautiful single cactus variety, with twisted petals of a clear rose, shading into white towards the center.

BLACK STAR. The flowers are a velvety dark chestnut color.

BUNTER ZWERG. A very dwarf grower, flowers of peculiar coloring, carmine tipped petals and of a soft metallic shade.

GOLDEN STAR. A very pretty flower of clear golden yellow, star shaped and very free-flowering.

HANSA. Of a bright chestnut color, and one of the finest formed single varieties of this section.

PRECIOSA. A very pleasing flower of a soft terra cotta with pinkish shade.

Chrysanthemum or Cactus Dahlias.

Price, in small dormant roots, or pot plants, each, 15c.; doz., \$1.50. Price in large undivided field roots, while stock lasts, each, 30c.; doz., \$3.00, by express.

Aegir. Large full flowers of a rich cardinal red. Long stems, entirely distinct.

Brunhilde. Bright plum color and of perfect habit and form. The petals are loosely arranged and quilled.

Countess of Lonsdale. A most profuse bloomer. Flowers are borne on long stiff stems. Color, a delicate apricot, shading towards the edges of the petals to carmine pink. Early and one of the very best.

Earl of Pembroke. Bright plum, deeper and more velvety towards the center. Unsurpassed for cut blooms.

Herzogin, Agnes. This is a clear delicate rose, shaded lighter at tips. Very full and lasting.

John H. Roach. Of medium size, full and perfect form, with pointed petal. The finest pure yellow cactus dahlia to date.

Matchless. A grand variety. It is dwarf and branching, strong and vigorous. The flowers are large, rich, glistening crimson, overlaid dark velvety maroon. Early and profuse bloomer.

Mrs. Frances Fell. A tall grower, producing an abundance of large flowers, early, on long stems. Color, creamy white.

Special Offer, No. 429. One each of the above 8 grand Chrysanthemum Flowering Dahlias, in first size for \$1.00, postpaid.

14 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. Beautiful clear pink of perfect form.

BONNARD'S YELLOW. Extra large flowering of a deep yellow.

CAMELLIAFLORA. Pure white, thick Camellia-like petals; very fine and large.

FLORAL PARK JEWEL. Deep maroon to bluish white, flowers are produced on the same plant.

GEM. Deep crimson, very double and a good bloomer; large flowers, dwarf habit.

GOLIATH. Deep garnet red; long stem.

GRAND DUKE ALEXIS. Large massive flowers, beautifully quilled. Color, ivory white with a faint tinge of rose at the top of the petals.

HENRY SHERBER. Salmon, large and fine, dwarf grower.

LA VERGNE. Fiery crimson, very full and free; bushy grower, early and fine.

MISS THATCHER. Best golden yellow Dahlia in cultivation; large quilled flowers.

PRINCESS BONNIE. A fine large white.

PEARL. Pale lavender, shaded lilac.

QUEEN VICTORIA. 3 ft.; pure yellow, very early and very double.

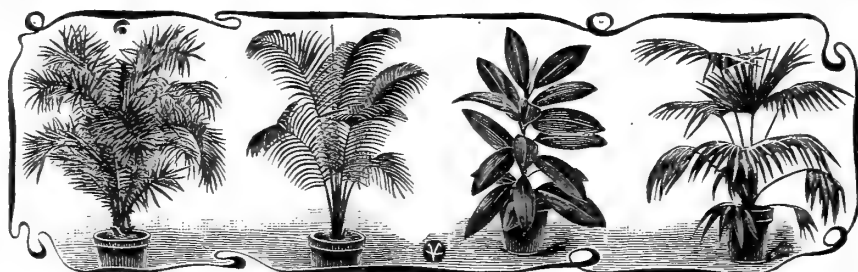
RED HEAD. Large double, bright scarlet.

Special Offer No. 432. One each of the above 14 large Show Dahlias in first size for \$1.50, postpaid.

Special Offer No. 433. One each in large field roots for \$2.50, by express.



KENTIA PALM.



PHOENIX.

ARECA.

FICUS.

LATANIA.



NORFOLK ISLAND PINE.

Decorative Plants and Palms

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; 2 feet high, \$1.35; 2½ feet high, \$1.70; 3 feet high, \$2.00. Prices on Rubber trees are 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, each, 25c.; 15 inches high, each, 50c.; 20 inches high, each, \$1.00, by express.

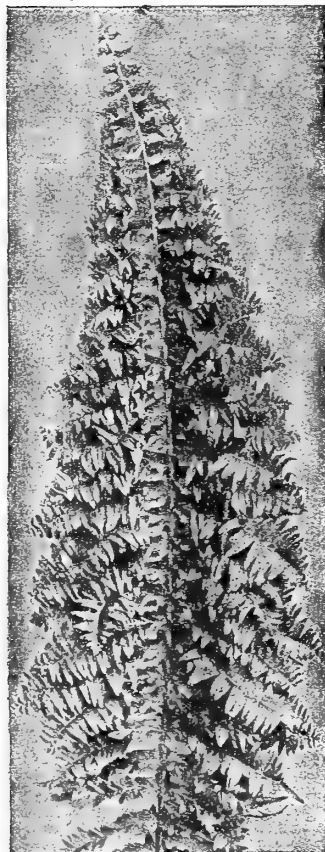
Phoenix Reclinata (Date Palm). One of the hardiest of palms, with dark-green feathery foliage, of strong growth, especially valuable for outdoor decoration in summer, as it stands sun and wind without damage. 3-inch pots, each, 25c.; 4-inch pots, each, 50c.; 5-inch pots, each, \$1.00, by express.

THE NEW FERN

NEPHROPEPIS ELEGANTISSIMA.

A sport or variation from the popular Boston Fern, from which it is quite distinct. The small side pinnae are again subdivided, producing an exquisite and beautiful effect, changing the entire character of the fronds which measures less than half the length and about twice the breadth of the Boston Fern fronds. The side pinnae of the fronds stand out at right angles, making the frond much thicker and fluffier than any other.

Small plants, each, \$1.00; 6 for \$5.00.



LEAF OF NEW SWORD FERN PIERSONI

Ferns

New Sword Fern, Nephrolepis Piersoni.

The photograph of leaf on this page gives a very good idea of the feathery plume-like fronds, 6 inches broad. The divided pinnae or leaflets keep growing constantly, showing two distinct shades of green, the ends being light green, while the center and main part of the fronds show a dark rich shade, the contrast producing a very beautiful effect. It is a healthy, quick-growing fern of elegant weeping habit: new and already a great favorite.

Price, 1st size, each, 2½-inch pots,	\$0 20	Pre-
" 2d " " 3 " "	30	paid
" 3d " " 4 " "	75	
" 4th " " 5 " "	1 00	By
" 5th " " 6 " "	1 50	Ex-
" 6th " " 7 " "	2 50	press

at buyers expense

New Nephrolepis-Scottii.

Of much dwarfer and bushier growth than the Boston Fern. The fronds droop gracefully and are not as long and coarse as the Boston. It is a rapid grower and one of the hardiest plants for the house. Price same as for Piersoni Fern, above.

COLLECTION OF BEST 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.

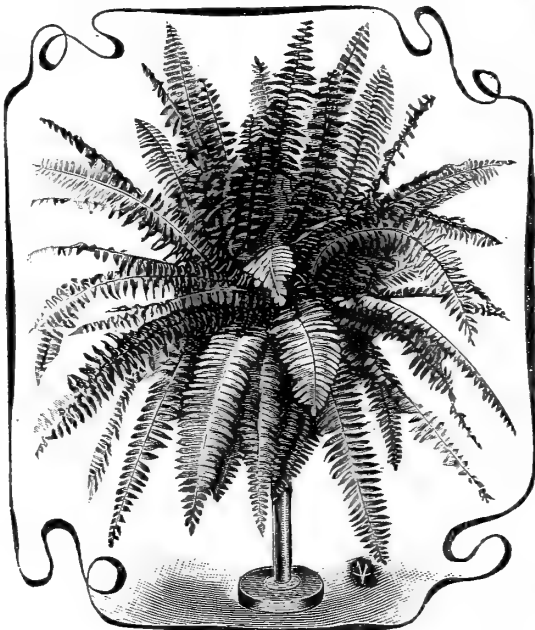
Pteris Serrulata Cristata. Dwarf and bushy; graceful foliage.

Maiden Hair. A very graceful Fern and easily grown.

"Mikado" Fern Ball

Fern Roots, about the size of a pencil, woven outside and around a ball of moss. These roots produce beautiful sprays of ferns from eyes, or buds, at nearly every inch of their length. Thus the whole surface soon becomes covered with fern sprays. Cultural directions with each order.

We offer two sizes; 8-inch dormant Balls, each, 75c.; 3 for \$2.00; 1 doz., \$7.00, all prepaid. 5-inch in diameter; each, 50c., 3 for \$1.35; 12 for \$5.00, all prepaid.



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. Fronds are often six to seven feet long, a 4-inch plant increasing to 10-inch size in a year, besides making many new offshoots. A good sized plant contains from 20 to 40 fronds, and the fresh ones continually coming out with new growth are very beautiful. Best of all for hanging baskets. Our plants are all well established in pots, not weak runners torn loose from soil.

Price, prepaid:

1st size, each, 2½-in. pots,	15c.; 3 for 40c.; 12 for \$1.50
2d " " 3 " "	25c.; 3 " 60c.; 12 " 2.00
3d " " 4 " "	50c.; 2 " 75c.; 12 " 4.00

Price, by express, at buyer's expense:

4th size, each, 5-inch pots, bushy plants	..... \$0.75
5th " " 6 " " " extra large and full	..... 1.00
6th " " 7 " " " extra fine plants	..... 2.00

Specimen plants, like cut, each \$5.00 to \$8.00.

SPECIAL OFFER No. 400.	{ 1 Fern, Piersoni { 1 " Scottii { 1 " Boston	{ for 50c. { postpaid.
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Novelty Geraniums

New Geranium "Telegraph."

A geranium that will be sought by the most fastidious. Truly the finest geranium for bedding out, and for conservatory and window decoration. Its mammoth size, robust habit of growth, combined with its beautiful color and remarkable productiveness places it before all others so far introduced on the market.

The foliage is dark green with heavy zone, flowers single and a red deep Orange cerise in color. "Telegraph" has proven gilt edged through every test during the past four years. Undoubtedly the finest geranium sent out in years. Each, 25c.; 6 for \$1.25; 12 for \$2.25.

M. S. Breton. A grand velvety scarlet, flowers semi-double and enormously large; beautiful in form, with white eye.

Idole. One of the prettiest of the new fancy double "Aureoles;" color, snow-white and pure pink of the clearest tints marbled together.

Guitare. Very fine trusses of large semi-double flowers. Center very bright pink, shading to white at the edges. Very distinct; a novel color in the Bruant race.

Princess Olga Altieri. Plant dwarf and very free, with extremely large semi-double flowers in a very showy truss; center tender rose, brighter at the edges.

Sesastria. 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. Price, unless noted, each, 20c.; 5 for 80c.

SPECIAL OFFER No. 422. One each of above six New Geraniums for \$1.00, postpaid.

12 Best Geraniums

Each, 10c.; dozen, \$1.00, postpaid; 100 for \$6.00, by express.

Alphonse Ricard. Bruant, semi-double flowers of a brilliant shade of orange-red. Fine bedder.

Beaute Poitevine. Bruant, semi-double type. Immense sized trusses, beautiful shade of 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. Beaumentz. Double; a robust, free flowering variety; brilliant scarlet flowers.

Jean Viaud. The best of all semi-double pink Geraniums. A pure Bruant of enormous size. Stands rain or drought and is a perfect mass of bright pink all summer. The flower trusses are as large as Hydrangea heads.

Little Pink. This is of the dwarf type, never growing over six to eight inches in height and literally covering itself all Summer with trusses of double, deep pink flowers. Just the plant for borders.

Mad. Hoste. Single; soft rosy scarlet, with large white eye, circular florets.

Mad. de La Roux. Single; center of petals is a soft, light salmon, bordered deep rose.

Mary Hill. Forming large trusses of semi-double clear rose-pink flowers; one of the best.

Pasteur. Large semi-double florets of a brilliant orange scarlet. Habit, dwarf and vigorous, exceptionally free in bloom.

Queen of the West. Single. This grand scarlet is truly a queen.

S. A. Nutt. Double; rich, dark crimson; large size trusses.

SPECIAL OFFER No. 423. One each of the above 12 Geraniums for \$1.00, by mail, postpaid.

Geraniums in 4 inch pots for bedding out in May and June in any color Double or Single.

Price, per dozen, \$1.75; per 100, \$12.00; by express or delivered to our City Store.

Lady Washington Geranium.

Grand old favorites; showiest mass of bloom produced of any soft-wooded plants that we have. This class is well known to all our readers, but the new varieties are as much in advance of older kinds as those were over the earliest sorts.

Surprise. Large black blotches on upper petals, which have fiery red edge, surrounded with broad white band, with bright red spot in center.

Mrs. Robert Sandiford. Flowers large size, well doubled, beautifully ruffled and of glistening snow-white color.

Madame Thibaut.

White, richly blotched and marbled with rose; immense trusses of large, fine flowers.

Each, 20c.; the 3 Pelargoniums for 50c.; 12 for \$1.75.

Aromatic-Scented Geraniums.

Apple Scented. Very fragrant.

Rose Scented. Large foliage.

Scented Geranium Set. These two sorts for 20 cents, postpaid.

BELMONT, OHIO.—I want to thank you for the splendid roses received a few days ago. We have bought a great many Roses, but never received such fine ones before by mail. They were as fresh and nice as could be, and we very much appreciate your generosity in sending such nice ones. With best wishes for your success, MISS M. LOUISE SCHOOLEY.

Pansy Geranium.

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.



GERANIUM TELEGRAPH.

Ivy-Leaved Geraniums.

Unless noted, each, 10c.; the 5 for 50c., postpaid.

Leopard. This is the most distinct novelty in the ivy-leaved section yet originated. The flower is large, semi-double. The color is remarkable, being fully as rich and distinct as an orchid. The ground is a clear lilac-pink, the upper petals being heavily blotched with deep crimson and usually marked with distinct maroon dots. Each, 20c.; 3 for 50c.; 12 for \$1.75, postpaid.

Souv. de Chas. Turner. Light scarlet, double.

Beauty of Jersey. Pink; very bright and double.

Joan of Arc. The only double white ivy geranium.

Gen. Championnet. Double; bright scarlet flowers.

Variogated-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, extra filled out blooms rising from the white colored foliage quite magnificently. 20c.; 3 for 50c.

Chieftain. A golden center with a bronze border. Each, 10c.

Happy Thought. Green leaves, large yellow center. 10c.

Mrs. Pollock. (Golden Tri-Color) Bronze-scarlet zone. 15c.

Mountain of Snow. One of the best of the silver-edged sorts. 10c.

Variogated Geranium Set. The above 5 for 50c., postpaid.

TEXARKANA, ARK., Dec. 17, 1904.—Vaughan's Seed Store, Chicago, Ill., Gentlemen: The plants received from you are splendid ones and most say they were packed splendidly. Yours truly, E. ALBON.

Hibiscus.

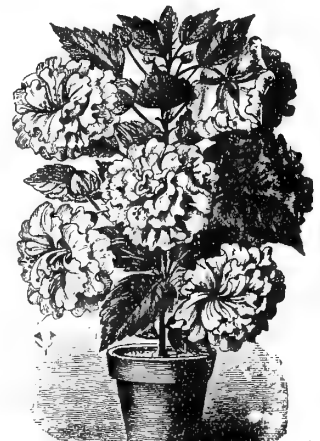
Price, each, 15c.; 3 for 40c.; 12 for \$1.20, prepaid. Large size two year old plants, each, 30c.; 12 for \$3.00, by express.

New Pink Hibiscus "Peach-blow." This is one of the best free flowering Hibiscus. Flowers are double and from 4 to 5 inches in diameter; of a charming, rich, clear pink color, with a small deep crimson center; an entirely new, most beautiful shade; it blooms abundantly and continuously even on small plants during the entire summer and winter months. We offer strong, well rooted plants.

Mineatus. As gorgeous and fine as the best Pæony and fully as large, very double vermilion scarlet flowers.

SPECIAL OFFER No. 424.

One each of the two Hibiscus for 25c., postpaid.



HIBISCUS PEACHBLOW.

Hydrangeas.

Hydrangea Hortensis Rosea, Novelty 1903.

This is one of the best introductions of recent date, it produces fine heads of blooms, the individual flowers being of great substance, of a clear rose gradually as the white centre disappears developing into a brilliant rose color. Strong plants, 4-inch pots, each, \$1.00; 6 for \$5.00, by express.

Mariesii. New; especially remarkable for the large size and distinct color, which is light pink, tinted with mauve.

Otaka. Deep; rosy pink, vigorous grower, nearly hardy.

Red Branched. The new growth of wood is a deep red color; flowers of light cherry shade, produced in immense trusses.

Thos. Hogg. A pure white variety, with trusses of flowers fifteen inches in diameter.

Each, unless noted, 15c., dozen, \$1.25; the set of four hydrangeas for 60c., without the Rosea. Extra strong 2 year old plants, each 50c.; the set of four for \$1.75, by express. Large 3-year old plants, each, 75c. Large 5-year old plants in 14-inch trubs \$5.00 to \$8.00 each.

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.

Petunia. Finest double sorts. Propagated from cuttings; pink crimson and variegated. Each, 10c.; 3 for 25c.; doz., \$1.00.

TEXARKANA, ARK.—The plants received from you are splendid ones and must say they were packed splendidly. Yours truly, E. ALFON.



American Wonder Lemon.

American Wonder Lemon

Its blossoms are waxy white, like a Tuberose, and as fragrant as Orange blossoms, producing fruit five times as large as the ordinary lemon. The Wonder Lemon must take a place in every good collection of house plants. Price, postpaid, 1st size, each, 15c.; 3 for 30c. Large plants, 2nd size, each, 25c.; 3 for 60c.

Moon Flowers

Grow and bloom with everyone. If planted out in rich ground, where they have full exposure to the sun, they will attain a height of forty feet by October 15, blooming all summer.

Noctiflora. Flowers six inches, pure white.

Leari. Flowers deep azure blue, four inches. Each, 15c.; 2 for 25c. Large plants, each, 25c.

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) 60c.; 25 for \$1.00; 50 for \$1.75; 100 for \$3.50.

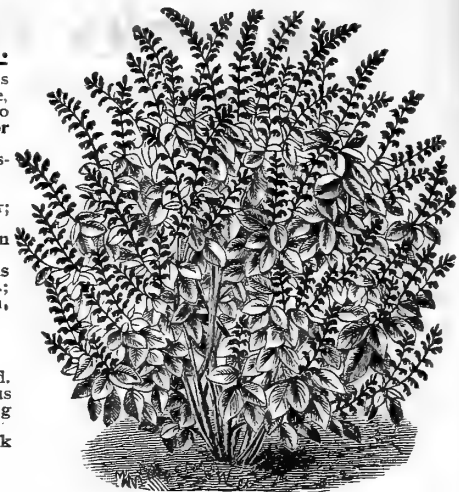
Verbena, Ellen Willmott

Of recent introduction and one of the most meritorious Novelties amongst the Verbenas. It differs widely from all other Verbenas, being the only one of erect habit, growing from 12 to 18 inches in height and producing large heads of very showy, bright Carmine flowers with a dark eye, blooming from the early part of Summer till late in the Fall.



Petunia Purity.

When first shown in London and Continental markets where it is highly appreciated, this Verbena proved to be a ready money maker. It makes a fine pot plant, is equally valuable as a cut flower and an excellent bedding plant and no Garden should be without this striking new variety. It is readily propagated from cuttings and fine pot plants may be had quickly by planting from 3 to 5 rooted cuttings into a 5-in. pot. Each, 50c.; 6 for \$2.50; 12 for \$4.00.



Salvia St. Louis.

Pennisetum Longistylum

A beautiful annual ornamental grass, growing about two feet high; producing long, grassy-like foliage and graceful white plumes. Very effective when used as a border for Canna beds. 2-inch pots, ready May 1st, dozen, \$1.50; per 100, \$8.00.

Salvia

New Golden Leaved "Audubon." A handsome variegated form of the scarlet sage. The plant is fully as vigorous, the deep green foliage being freely and irregularly mottled and blotched with creamy yellow, deepening to a rich golden yellow. A gem for bedding, for window boxes, and the house.

St. Louis. A great improvement over the old Salvia Splendens. Grows 2½ to 3 feet high, forming large bushy plants covered with immense flower spikes, 12 to 16 inches in length, of a vivid scarlet. Comes into flower early and continues until frost.

Alfred Ragueneau. Remarkable for its dwarf and compact growth and abundance of magnificent spikes of red flowers, never attaining a height over 18 inches. Price, each, 15c.; 3 for 35c.; 12 for \$1.25; 25 for \$2.50, by express.

Larger size, 12 for \$1.50, by express.

10 SURPRISE COLLECTIONS OF CHOICE PLANTS

All orders for Surprise Collections will be acknowledged and entered on our books as received. We shall commence sending out the Canna, Rose, Geranium, Dahlia, Carnation and Chrysanthemum collection May 20th and the Shrub, Perennial, Phlox and Small Fruit Collection April 1st to 15th. We cannot send them out before the mentioned dates. We cannot permit any changes in the composition of these collections nor in the time of delivery.

SURPRISE

"CANNA" COLLECTION

This Collection Contains 8 Different Varieties of the New Ever-blooming Cannas FOR 50c., PREPAID.

Includes crimson, scarlet, yellow spotted, gilt edged, orange, bronzed-leaved, eight of the best large-flowering new kind, from our famous World's Fair Collection, one of the best in America.

SURPRISE

"DAHLIA" COLLECTION

10 FOR 50c., PREPAID.

We will include in this collection ten Dahlias, selected from our grand collections of varieties. All different.

SURPRISE

SHRUB COLLECTION

For \$1.00 we will send 6 Hardy Ornamental Shrubs, our selection of sorts, 2 to 3 feet high, by express at your expense. These will be first-class bushes.

SURPRISE

PHLOX COLLECTION

To introduce the Hardy Phlox in every garden, we will send for 50c., 10 Choice hardy Perennial Phlox (see page 96 for description), our selection of kinds not labeled. Do not miss this special offer, which is less than half price.

SURPRISE

"ROSE" COLLECTION

This Collection Contains 10 Beautiful Ever-Blooming Roses FOR 50c., PREPAID.

The varieties are all different colors and shades, such as are especially suited to constant-flowering all Summer—only clean, healthy plants will be sent—if purchased singly these kinds would cost double.

SURPRISE

"CARNATION" COLLECTION

10 Grand Carnations, all Different Shades and Colors FOR 50c., PREPAID.

All of the most desirable kinds, including some varieties from our Columbian set.

SURPRISE

"GERANIUM" COLLECTION

10 Beautiful Geraniums

FOR 50c., PREPAID.

In this collection of this old-time favorite, now again so much in demand, we include new and choice sorts with heads nearly as large as a Hydrangea. All colors, single, double and scented—all different.

SURPRISE

"Chrysanthemum" Collection

10 Chrysanthemums, all Different and Distinct Sorts

FOR 50c., PREPAID.

This collection will be made up of the best sorts only such as are listed elsewhere in this book.

SURPRISE

PERENNIAL COLLECTION

For 50c., we will send by mail, postpaid, 6 Choice Hardy Perennial Plants in 6 varieties, our selection. Every plant worth from 10 to 20c., and distinctly labeled. Or 12 plants, all different for \$1.00. If ordered by express larger clumps can be sent.

SURPRISE

SMALL FRUIT COLLECTION

This collection is made up especially for those who have only small gardens and wish a choice collection of fruits for table use. For \$1.00 we will send, prepaid, by mail or express; 3 Raspberries, all different; 3 Blackberries, all different; 2 Currants, all different; 2 Grapes, all different; 2 Gooseberries, all different.

ROSE GROWING AT WESTERN SPRINGS

Is solely for the production of young plants. We do not grow cut flowers. The best healthy wood is used for propagation and not exhausted in bearing flowers. Our heavy soil is exactly adapted for rose growing, besides it holds the roots in fresh and natural condition for shipping. Our plants carry safely to southern California, Oregon or Maine.

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
Sized
Plants.

Rose Specialties for 1905.

The New Rose—"Baby Rambler."

Blooms all the time. The best red pot or bedding rose in the world. Same color as the climbing Crimson Rambler with clusters of from 20 to 40 open flowers at one time. It blooms every day from May until November, if planted out and in pots all the year round. It has created a wonderful sensation. Is perfectly hardy.

See back cover for colored illustration—painted from nature—and prices.

The
Henry
Shaw
Gold
Medal
Given Us
for This.



BABY RAMBLER.

New Rose, Enchanter. A grand new Rose of great promise. The flowers are very large and of fine regular form, delightfully rose scented, color clear shiny, satiny pink. A free and constant bloomer, fine for cutting during the summer. Hardy with light protection. Each, 25c.; 5 for \$1.00; 12 for \$2.00, by mail. Two-year-old plants, each, 50c.; 6 for \$2.50, by express.

New Rose, Killarney. A charming Rose of robust growth and free branching habit, flowers profusely throughout the season; the blooms are large, the buds very long and pointed, petals very large and of great substance; color, flesh-shaded white, suffused pale pink. Each, 25c.; 5 for \$1.00; 12 for \$2.00. Two-year-old plants, each, 50c.; 6 for \$2.50, by express.

New Rose, La Detroit. This grand new Rose was first sold last spring and shown at all flower shows during the year, winning first prize wherever shown as best new Pink Rose. In color it is a beautiful shell-pink shading in the center to a soft rose pink. The reverse of the outer petals is of a creamy-flesh tint, shading to silvery towards the base. A grand outdoor summer Rose, flowering the entire season. Hardy with protection. Each, 20c.; 3 for 50c.; 12 for \$1.75, by mail, postpaid. Two-year-old plants, each, 50c.; 6 for \$2.50, by express.

New Century. Hardy, ever-blooming Rose. Is a cross between the lovely Clothilde Soupert and Rosa Rugosa-Alba. It is perfectly hardy and blooms at short intervals all through the summer and fall. The flowers are 3 to 4 inches across, perfectly full and double and borne in splendid clusters. The color is bright, rosy pink, with bright red center, and having all the petals widely bordered with fine creamy white. It is very sweet, and has the fragrance of the Wild Rose or Sweet Briar. It is entirely hardy. Each, 25c. 3 for 60c.; 12 for \$2.25. Strong 2-year-old plants, each, 50c.; 6 for \$2.50, by express.

NEWPORT, R. I.—The New "Baby Rambler" Rose, Madame Norbert Levavasseur seems to me to be rightly named everblooming, as it has flowered continuously with me since the middle of June and at the present time is one mass of unexpanded buds on the last made growths, besides the large bunches of open blossoms on the previous growths. I think it an Ideal Bedding Rose and no doubt in the future will be largely used for that purpose.

ARTHUR GRIFFIN,
Head Gardener to Elbridge T. Gerry, Esq.



CARDINAL.

New Rose—Cardinal. The flowers are thick heavy petals. Color, a beautiful Crimson Maroon, very fragrant and a profuse summer bloomer. Will prove hardy with light protection. Each, 25c.; 3 for \$1.00; 12 for \$2.00, by mail. Two-year-old plants, each, 50c.; 6 for \$2.50; by express.

New Rose—Uncle John. A sport of the Ivy Rose. This rose is 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 on the outer petals. This with its charming fragrance and vigorous health make it a rose to recommend to everybody. Each, 20c.; 3 for 50c.; 12 for \$1.15; postpaid. Two-year-old plants, each, 50c.; 6 for \$2.50.

Clothilde Pfitzer. The genuine white Soupert; everyone knows what a grand rose the Clothilde Soupert has proved to be. The rose is identical with Clothilde Soupert in every way except in color, which is Ivory white without any other markings. It is free blooming and hardy with light protection. Every rose garden should contain this grand rose. Each, 15c.; 6 for 75c. Two-year old plants, each, 50c.; 6 for \$2.50, 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. Soleil d'Or is the result of a cross between Persian Yellow and Antoine Ducher, retaining many of the characteristics of the Persian Yellow. 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.

Special Offer No. 401.

The Set of 12 Grand Rose Specialties for 1905, all Two-year-old size, by Express, at buyer's expense, for \$4.75

Special Offer No. 420.

One each of 8 Grand New Roses, in first size plants, for \$1.40, postpaid. (Regular Price, \$1.80.)

One Rose Cardinal	25c.
.. Uncle John	20c.
.. Clothilde Pfitzer	15c.
.. Baby Rambler	25c.
.. General McArthur	25c.
.. Enchanter	25c.
.. Killarney	25c.
.. LaDetroit	20c.
	\$1.80



FRAU CARL DRUSCHKE.

Frau Carl Druschke.

New Hardy H. P. Rose.

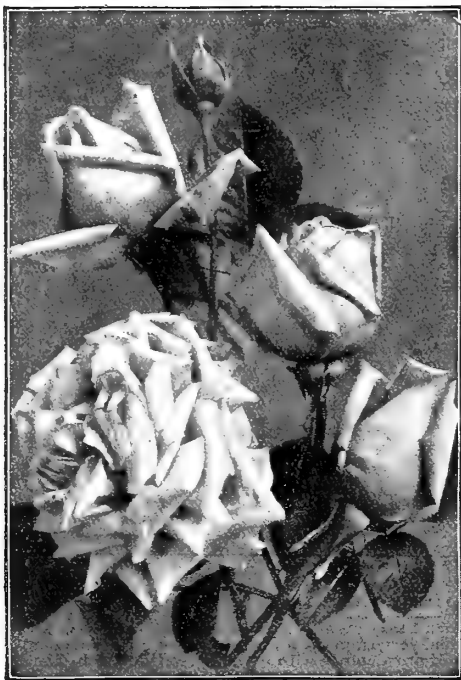
This is the grandest new white rose that has been introduced for years. It is perfectly hardy and very free flowering, producing flowers of exceptionally large size very full and double, and of a pure snow white. It makes a beautiful long shaped bud, blooms freely throughout the summer, a strong vigorous grower. Strong two-year old plants, only size we have, each, 50c.; 6 for \$2.50, by express.

Coubert's Double White Rugosa.

A fine, double sweet and pure white flowering variety, producing clusters of from 5 to 10 flowers. It is a vigorous, rampant grower of fine glossy foliage, very free blooming—almost perpetual flowering. Flowers measure nearly 5 inches across and are lasting. Grand for landscape effect. One-year-old field plants, each, 30c.; 6 for \$1.50; prepaid, by express; 12 for \$2.50; 50 for \$9.00.

A
Rugosa
You
Must
Have.

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 inches long, a free and continuous producer. We predict a good Red rose for every man's garden. Hardy, with light protection. Each, 25c.; 5 for \$1.00; 12 for \$2.00, by mail. 2-year-old plants, each, 50c.; 6 for \$5.00, by express.



LA FRANCE.

La France Rose Set.

Each, 15c.; dozen, \$1.25, postpaid.
La France Rose Set of 4 for 50c., postpaid.

The delightful La France fragrance, by which everyone of the four splendid roses may be known, is appreciated by every one who grows or wears a rose. The La France type is the nearest to perfection of all roses and you will be delighted with this lovely rose in four colors.

Striped La France. Creamy pink, with a silvery gloss, growing deeper at base of petals, streaked with carmine, elegantly shaped *La France* bud, has the true and same beautiful full-blown flower and even stronger growth. Free bloomer; each shoot produces a bud.

White La France. A beauty, indeed, identical with *La France*, except the color. It is 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.

Two year old plants, each, 40c.; dozen, \$4.00.
 The set of 4 for \$1.25, by express only, at buyer's expense.

SPECIAL OFFER No. 402.

- 1 La France set of 4.
 - 1 Soupert set of 5.
 - 1 Standard set of 10.
- 19 Roses for \$1.65, postpaid.

To Make Roses Bloom Use

Vaughan's Rose Grower Bone Meal.
 For prices, see Fertilizer Page.

To Keep Insects Off Roses Use

Rose Tobacco Soap, ½ lb. box, 30c. postpaid.
 Tobacco Dust, 1 lb., 25c., postpaid.

Special Offer No. 403.

12 unequalled Roses for \$1.00, postpaid.

- 1 Souv. de Pierre Notting. 1 Franz Deegen.
- 1 Gruss an Tepplitz. 1 Helen Gould. 1 White Maman Cochet. 1 Pink Maman Cochet. 1 Clothilde Soupert. 1 Kaiserin Augusta Victoria. 1 The Bride. 1 Bridesmaid. 1 Perle des Jardins. 1 Meteor.

SPECIAL OFFER No. 404.

One Each of above 12 Roses, 2 year old size, for \$3.00, by express only.



CLOTHILDE SOUPERT.

Soupert Rose Set.

This is a collection that will give you a rose bed full of flowers all summer, every one especially adapted to summer blooming and can be wintered over with protection of straw and leaves.

Price, each, 15c.; doz., \$1.20, postpaid.
 The 5 for 55c., postpaid.

Prices for 2 year old, strong plants for immediate effect, each, 40c.; doz., \$4.00, by express.

The set of 5 in the 2 year old size for \$1.75, by express.

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 unequalled bloomers. A strong dwarf and compact grower, covered constantly with full and double brilliant crimson flowers. One of the most useful of roses.

SPECIAL OFFER No. 405.

Any 3 Roses listed on this page 30c.; any 12 for \$1.10; any 100 for \$8.50, postpaid.

SPECIAL OFFER No. 406.

Any 3 Roses listed on this page, 2 year old size, for \$1.10; any 12 for \$4.00; any 100 for \$30.00, by express only.

FARMINGTON, WASH.—I received my plants Saturday morning. They were in fine shape, they were as fresh as if they were just taken out of the ground. I never got plants in such fine shape before. JOHN H. POWELL.

HAMILTON, OHIO.—The Roses came in to-day in good condition and prove satisfactory and if the express was high I like to see good stock if it is not the cheapest. THEO. BOCK.

HILLSBORO, N. DAK.—Plants arrived to-day in good shape and were very satisfactory. Thank you for fine packing, very liberal count and clean thrifty stock. E. S. KNEELAND, Prop. North Dakota Greenhouses.

RAPID CITY, S. DAK.—My orders have come in excellent shape. The Roses are certainly the finest plants I have ever had.

MRS. WILLIAM T. COAD.



BRIDESMAID.

Standard Collection of Ever-Blooming Roses

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.

Duchess 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 flowers, 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. A grand rose for bedding or pot culture.

Marie Guillot. Perfection in form; flowers large and double to center; holds first rank among White Tea Roses in purity of color and depth of petals. Best Tea Rose for outdoor bedding.

Marie Lambert. A strong, vigorous grower; pure white flowers; prolific bloomer. The buds are large and full, strong tea fragrance. Fine for bedding.

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 or pot culture.

Papa Gontier. A magnificent red Tea. A strong grower, with fine healthy foliage, the buds are large and long.

Safrano. Bright apricot yellow, changing to orange and fawn, frequently tinted with rose. Desirable for outdoor planting and much prized for its fragrance and nicely shaped bloom.

We can furnish strong 2-year-old plants of any of the above roses, each, 40c., any 3 for \$1.00; 12 for \$3.50.

Price, any of the above, each, 15c.; any 3 for 30c.; dozen, for \$1.00, postpaid.

SPECIAL OFFER No. 407.

One each of the above 10 sorts for 80c., postpaid.

SPECIAL OFFER No. 408.

One each of the above 10 sorts, 2 year old size, for \$3.00, by express only.

14 Best Roses

for Cut Flowers during the Summer. This collection will keep you in Roses all Summer. Price, each, unless noted, 15c.; any 3 for 30c.; 12 for \$1.00. Two-year-old each, 40c.; 14 for \$4.50 by express.

“Liberty.” Never has nature yielded to the painstaking hybridist and plant raiser a more beautiful or more satisfactory color than that seen in the new Hybrid Tea Rose, “Liberty.” The flowers are of a large size with thick, heavy petals. A continuous and free bloomer. Each, 15c.; 3 for 40c.

Etoile De Lyon. One of the best and most beautiful yellow Tea Roses for general planting. It is of good constitution, one of the hardiest of the Teas, and may be had in bloom the entire year by proper treatment. The flowers are of good size, deep and full and very sweet scented; color, rich golden yellow.

Gruss an Teplitz. The reddest of all red roses. It is a rose for everybody, succeeding under the most ordinary conditions, blooming continuously all Summer. In color it is of the richest scarlet, shading to a velvety crimson as the flowers mature. Attracted much attention at St. Louis World's Fair. Very fragrant; a free, strong grower and a most profuse bloomer. The foliage is extremely beautiful, all the younger growth being of a bronzy plum color.

Helen Gould. Worthy of its honored name. There is no finer bedding Hybrid Tea Rose than this. Large full flowers of fine form, color bright glowing carmine, long pointed buds as sweet as a June Rose. A free and continuous bloomer. Each, 15c. 2 for 25c.; 12 for \$1.25, postpaid.

Ivory or White Golden Gate.

Golden Gate has become so well known to all Rose growers as an extremely free flowering variety of the largest size, that all will understand what the new Rose, Ivory, is like when it is described as a pure white Golden Gate, a sport from that variety. Its extraordinary freedom, large size, heavy canes and pure color, all tend to make it valuable both for the garden or forcing under glass.

Kaiserin Augusta Victoria. Color soft pearly white, fragrant. It is valuable for cut flowers, so free that every shoot is invariably crowned with a magnificent flower; the finest of its class, and succeeds splendidly out of doors. Each, 15c.; 2 for 25c.; 12 for \$1.25.

Maman Cochet. One of the very best and most valuable Roses of recent introduction, especially for out-door blooming. The finest pink garden rose yet introduced. The flowers are of great size and very double; color, bright rose.

American Beauty. The largest, sweetest and best of all Hardy Roses. It is a genuine hardy everblooming rose. For immensity in size, rich color, exquisite form and delicious fragrance, it stands without an equal. It is a continuous bloomer, valuable both for house and garden culture. Color is a rich crimson; its fragrance is wonderfully sweet. Each, 20c.; 3 for 50c.; 12 for \$1.75.

White Maman Cochet. This is a superb variety. It is identical with its parent, Maman Cochet (the queen of all pink garden Roses) except in color of the flower which is snow-white. The flowers are large and very double, making it of more than ordinary value in open ground.

Mme. Derepas Matrat. Called descriptively The Yellow Cochet. A pure Tea Rose, very free-growing and hardy in character, withstanding ten degrees below zero. It throws up fine, strong stems, crowned by solitary buds of grand size; the color is sulphur-yellow, blooms large, double, splendid form and freely produced. The ideal yellow bedder, ranking with the White and Pink Cochets in value as a Summer Rose.

Mad. Abel Chatenay. Grand new perpetual blooming variety of great beauty, the best of its color, which is rosy carmine, shaded darker. Does remarkably well in open ground. Flowers are full, deep and double. Each, 15c.; 2 for 25c.; 12 for \$1.25, postpaid.

Princess of Naples or a Pink American Beauty. The plant has the same foliage, habit and size of flowers as American Beauty, only the color is a delicate, satiny pink. The fragrance is excellent. The whole plant is covered with flowers in the main flower season. It is as hardy as the American Beauty, standing out Winters with light protection. Strong plants, each, 20c.; doz., \$2.00. One year old plants, each, 35c.; 3 for \$1.00, postpaid. Strong two year old plants, each, 50c.; 6 for \$2.50.

Souv. De Pres. Carnot. An excellent Rose of recent introduction that has already become a great favorite. The flower is of large size, of exquisite shape, with heavy, thick, shell-like petals; buds long and pointed, similar to Niphotos, but very much larger and borne on stiff, erect stems; color, delicate rosy flesh, shaded a trifle deeper at the center. An extra good garden Rose. Each, 15c.; 2 for 25c.



KAISERIN AUGUSTA VICTORIA.

Sunrise. The most beautiful Rose of its class yet introduced. This has made a sensation in England, and taken first honors whenever shown. 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 open rose is large, perfectly double and of grand form. Each 20c.; 3 for 50c., prepaid.

SPECIAL OFFER No. 409.

For \$1.60 we will send postpaid 1 strong plant each of the 14 grand Roses described above; or 1 each of the two year old size for \$4.50, by express only.

The Baby Rambler was full of bloom and buds and I think will be very valuable. I see no reason why it should not be forced into bloom for Christmas or at any time during the winter.

ROBERT CRAIG.

to Philadelphia Florist Club, Sept. 6, '04.

20 Choice Ever-Blooming Roses.

Each, 15c.; any 3 for 30c.; 12 for \$1.00, postpaid. The Set of 20 beautiful roses for \$1.50, postpaid. 2 year old plants, each, 30c.; 12 for \$3.00, by express. The set of 20 beautiful roses, all 2 year old size, for \$4.50, by express only.



THE BRIDE.

Agrippina (China). An excellent rose for bedding or pot culture; continuous bloomer, color, fine velvety crimson.

Bridesmaid. The flowers are very large and of fine, regular, full form, delightfully tea-scented; color, clear rose-pink. A free and constant bloomer; makes elegant buds for cutting.

Bon Silene. A prime favorite on account of its delightful fragrance and strong growing qualities; color, deep rose, shaded carmine.

Cornelia Cook. Beautiful creamy white, buds of immense size and very double; a magnificent flower.

Dinsmore. Flowering very freely the whole season; flowers large and double; deep crimson; perfectly hardy. For prices, see above.

Duchesse de Brabant. Few Roses equal this in freedom of flowering; none surpass it in either fragrance or vigor; the flowers are rather loose when open; color, rose, heavily shaded with amber and salmon.

Golden Gate. A magnificent Rose with large, full, finely formed flowers; buds long and beautiful. Color, rich creamy white, tinged with golden yellow and clear rose. A free blooming beautiful variety.

Franciska Kruger. Especially adapted for beds or masses; the splendid flowers are deeply shaded copper yellow in color; very large.

Isabella Sprunt. Light canary-yellow. Extra good bloomer.

Meteor. A rich, dark, velvety crimson. Flowers large and double. One of the very best Roses for your garden. In bloom all Summer.

Mad. de Watteville. Color, white shaded with salmon; outer petals feathered with bright rose.

Mad. Joseph Schwartz. A strong, vigorous grower, and one of the hardiest Tea Roses for outdoor bedding. The flowers are cup-shaped and borne in clusters; color, white, beautifully flushed with pink.

Niphotos. An elegant Tea Rose, very large and double, deliciously sweet; color, pure white; highly valued for its lovely buds, which are very large and pointed.

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. Rich, velvety crimson beautiful in bud. The best of all the crimson bedding varieties; very free flowering.

Triomphe de Pernet. Bright crimson; large, full, double flowers; very fine bedder.

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. Its great beauty in the Fall makes it the finest of all roses at that season.

Souvenir de Wootton. A remarkably brilliant and striking ever-blooming rose. Bright magenta-red, passing at base to fine crimson; flowers large, full, very sweet.

Sunset. One of the richest colored roses in the Tea section; a rich golden amber or old gold, elegantly tinged and shaded with ruddy copper. The flowers and buds are extra large, full, finely formed and deliciously perfumed. The plant is a strong grower and very free bloomer; fine for both open ground and pot culture.

The Bride. The most popular white rose for Winter flowering. The flowers are very large and double, on long, stiff stems, of fine texture and substance, and last a long time in a fresh state after being cut, making it one of the best varieties for corsage wear or bouquets. During extreme hot weather it becomes a pinkish white, at other times a beautiful pure white.

RAMBLER AND CLIMBING ROSES



Crimson Rambler.

Dorothy Perkins

Crimson Rambler. Everybody knows this rose now. Because none can help remembering it if ever a good plant in bloom meets his eye. These splendid Crimson trusses of thirty or forty flowers each, bright Crimson in color and holding this 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 and twining in evergreens and made in hedges and borders for walls, 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, strong young pot plants, by mail, each, 15c; 1 doz., \$1.50. Strong one-year-old plants by mail, each, 25c; doz., \$2.50. Strong two-year-old plants, by express, each 40c; doz., \$4.00. Selected two year old plants, by express, each, 50c; doz., \$5.00. Mammoth size, three year old, by express, each, \$1.00; doz., \$10.00.

The Phila. Crimson Rambler. The color is brighter, deeper and more intense than the above. Second, the flowers are perfectly double to the center. Each, 25c; doz., \$2.50.

Dorothy Perkins. New Pink Rambler Rose. A Good One. As hardy as Crimson Rambler and same habit of growth. The flowers are about one and one-half inches 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. Young pot plants, by mail, each, 20c., 4 for 60c.; doz., \$1.50. Strong two year old plants, by express, each, 50c; 3 for \$1.25.

DON'T MISS THIS.

The Farquhar, (New.) This is a fine hardy climbing Rose. It has bright pink double flowers, produced in dense clusters, and said to last even longer than Crimson Rambler. Each, 20c; 3 for 50c; 12 for \$1.75. Two year old size, each, 50c; 6 for \$2.50; by express.

Yellow Rambler (Aglia). 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.

Rubin. Very bright ruby color. Flowers larger and more double than Crimson Rambler and in looser clusters; foliage darker green; in freedom and hardiness equally good. Each, 20c; 3 for 50c; postpaid. Two year old plants, each, 50c; 6 for \$2.50; by express.

SPECIAL OFFER No. 416. One each of the 7 Grand Rambler Roses, 1st size for only \$1.00, postpaid.

SPECIAL OFFER No. 417. One each of the 7 grand Rambler Roses, in two year old size, for only \$2.75, by express.

SPECIAL OFFER No. 418. 1 Crimson Rambler. 1 White Rambler. 1 Dorothy Perkins. 1 Yellow Rambler, for 40c., postpaid.

SPECIAL OFFER No. 419. One each in two year old size for only \$1.40, by express.

Climbing Clothilde Soupert. It is a vigorous grower, forming canes 15 feet 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. Two year old plants, each, 50c; 6 for \$2.00, by express. Small plants each, 15c; 8 for \$1.00, prepaid.

Cumberland Belle. A True Climbing Moss Rose. This is a grand novelty. Grows 15 feet in the first season. The flowers are full and double, and of a soft silver rose color. The buds are nicely mossed and deliciously fragrant. Two year old plants by express, each, 50c; 3 for \$1.25.

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. We offer five of the best roses, each, 15c; the 3 for 40c; 6 for 60c. Large two year old plants, each, 30c; the 3 for 75c; by express.

Pink Roamer. Single flowers, 2 inches in diameter; bright, rich pink.

South Orange Perfection. Double flowers; color, soft blush, pink at tips.

Wichuraiana. Flowers pure white, single. Grows 10 to 12 feet in a season.

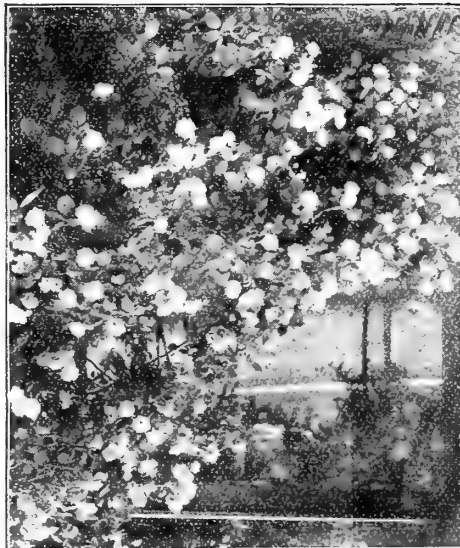
Three Old Favorites in Hardy Climbing Roses

Large two year old dormant bushes, 3 feet high. Each, 30c; 4 for \$1.00; 12 for \$2.50, by express.

Baltimore Belle. Your yard is not complete without this grand Rose. Will grow 15 feet in one year, and be covered with clusters of large double flowers of a pale blush color.

Seven Sisters. Rapid climber; flowers in clusters of seven. Color, clear pink.

Prairie Queen. A favorite with everyone. If you want a Rose for your porch, this is the one. Color, bright red, changing as the flower opens to deep pink.



Prairie Queen

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. Two year old plants, each, 40c; doz., \$4.00, by express.

Marechal Niel. A Rose so famous as to hardly need a description here. The most beautiful large golden yellow grown, 15c; 3 for 25c. Two year old size, each, 40c; 3 for \$1.00, by express. Four year old size, 6 to 8 foot canes, each, \$2.50, by express.

Mrs. Robert Peary. The flowers are extra large, pure white and double. The most remarkable feature of this variety, however, is that it blooms continuously the first year. Each, 15c; 3 for 40c. Two year old plants, 40c; 3 for \$1.00, by express.

Mary Washington. The flowers are pure white, quite double and fragrant, blooming in clusters and very profusely; is hardy with slight protection. Two year old plants, each, 25c.

SPECIAL OFFER No. 411. One each of the four Tender Climbing Roses, in 1st size, for only 50c, postpaid.

SPECIAL OFFER No. 412. One each of the four Tender Climbing Roses, in two year old size for \$1.00, by exp.

SPECIAL OFFER No. 410. One each, in two year old size of the three old favorite roses for 75c, by express.

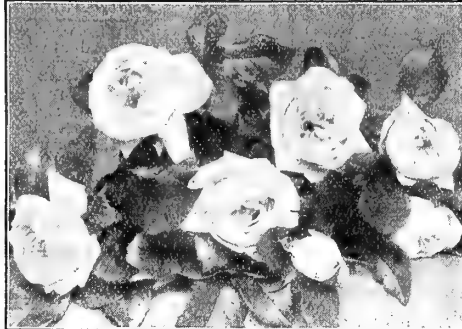
"Field Crown" 2-Year Old Hardy Hybrid Perpetual Roses.



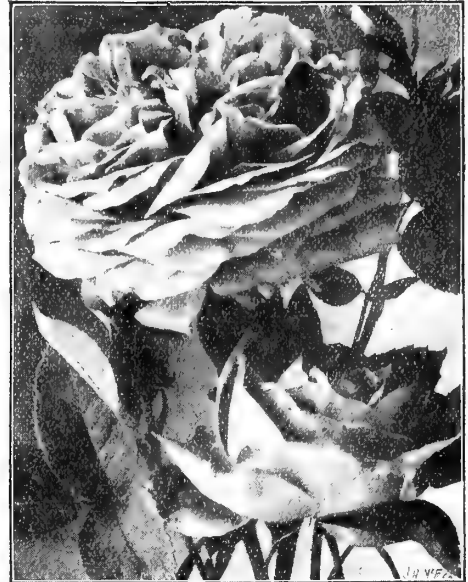
AMERICAN BEAUTY

The Hybrid Perpetuals

Are of vigorous growth with fine, large flowers and are mostly hardy. They are particularly valuable for permanent beds or borders in the northern and 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.



MARGARET DICKSON.



PAUL NEYRON.

Collection of Twelve Best Hardy Garden Roses.

- 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 Bonstetten.** Dark red, almost black; very large, double, fragrant flowers.
- 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; blooms almost constantly.
- Kaiserin Augusta Victoria.** One of the best white roses for Summer bedding. Large flowers produced in great profusion all Summer. Should be protected in Winter.
- Margaret Dickson.** The flowers are of the purest white, of extra large size and of grand substance. Free flowering and strong grower.

SPECIAL OFFER No. 317.

- Mad. Charles Wood.** A continuous bloomer of dwarf, compact habit. Flowers are large and very double, of a deep crimson shade.
 - Mrs. R. G. Sherman Crawford.** This lovely new hybrid is one of the few large flowering roses that bloom constantly and are perfectly hardy. Color, deep rosy-pink, the outer petals tinted with pale flesh. The flowers are large, full and very fragrant.
 - Paul Neyron.** Deep shining pink. Flowers often five inches in diameter. It is a good 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. Should be protected in Winter.
- After May 1st we can furnish growing plants in 5-inch pots, each, 50c.; dozen, \$5.00.
PRICE:—Extra strong 2-year-old field grown plants, by express, each, 40c.; dozen, \$4.00.

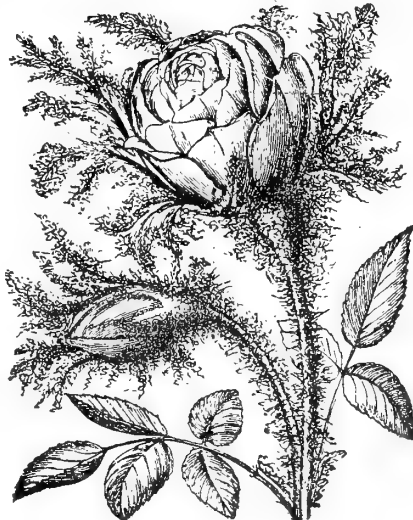
One each of the twelve roses, 2-year-old size, for \$4.00, by express.

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.** Pure white, center shaded rose.
- Captain Christy.** Delicate flesh color; one of the best.
- Fisher Holmes.** Dark rich scarlet; large flowers.
- General Jacqueminot.** Rich velvety crimson.
- Giant of Battles.** Bright red; very large.
- Glory Lyonnaise.** Light creamy yellow; distinct.
- John Hopper.** Brilliant rose pink; cup shaped.
- LaFrance.** Pink satiny rose; a constant bloomer.
- Mad. Caroline Testout.** Satiny pink.
- Madam G. Luizet.** Shell pink; large and fine.
- Mad. Plantier.** The best white rose for general use.
- Magna Charta.** Clear rosy red; a 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.
- Merveille de Lyon.** Creamy white, shaded rose.
- Paëonie.** Light red; pæony shaped flowers.
- Prince Camille de Rohan.** Velvety crimson.
- Perle des Blanches.** A finely formed pure white.
- Ulrich Brunner.** Bright cerise red; a magnificent rose.

PRICE:—Extra strong 2-year-old field grown plants, by express, each, 30c.; dozen, \$3.00; per 100, \$20.00.

SPECIAL OFFER No. 414. 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 inch pots ready to plant out without a check. **Price,** each, 40c.; doz., \$4.00.



MOSS ROSE BUDS.

Moss Roses.

Extra large 2-year-old plants, field grown, dormant, 30c.; 4 for \$1.00. By express, dozen, \$2.40.

Blanche Moreau. The best white Moss Rose. Flowers are produced in clusters and are large, full and sweet. Color is pure white.

Pink Moss. Rose color; flowers beautifully crested.

Red Moss. Rich, glossy pink, tinged crimson; large globular flowers; finely mossed.

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, by express; per 100, \$20.00.

Rugosa Roses.

Rugosa Alba. Crowded with clusters of pure white flowers; foliage dark green and glossy; its large, scarlet fruit being very handsome in the Autumn.

Rugosa Rubra. Identical with the above, except in the color, which is a beautiful red.

Mad. Geo. Brunt. Blossoms in clusters. Semi-double pure white flowers. Fine for cemetery planting.

Price: strong 2-year-old bushes, each, 30c.; the 3 for 75c.; by express; dozen, \$3.00; per 100, \$20.00.

Tree or Standard Roses.

These roses are grafted on hardy stalks 4 feet 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 feet clear stem; large bushy top. Each, \$1.50; 3 for \$3.00; 12 for \$7.50, by express.

JULY 6th, 1904.

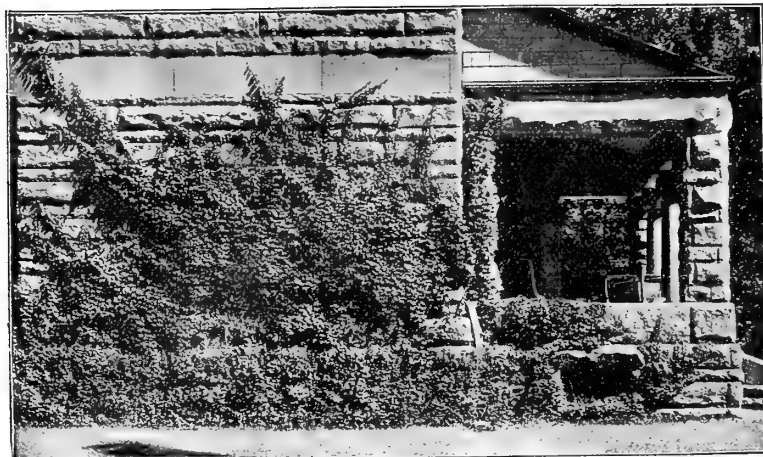
Your Dwarf Crimson Rambler Rose which I received about February 1st has been constantly in bloom ever since and to-day has several clusters. It is all that you claim for it.

A. CORBIN,
 Head gardener for
 Daniel Guggenheim, Esq.,
 Elberon, N. J.

SPECIAL OFFER No. 413. One each of the 3 Moss Roses here mentioned for 75c., by express.

Hardy Ornamental Climbing Vines

THE NEW AMPELOPSIS.



AMPELOPSIS VEITCHII ROBUSTA PURPUREA.

Ampelopsis Elegans. (The Variegated-Leaved Ampelopsis Veitchii.) Has the same habit as the Veitchii except that the leaves are variegated white and green, making a very handsome vine. Strong plants 2 to 3 feet long, each, 50c.; 12 for \$4.00.

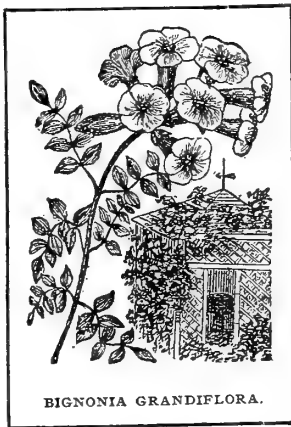
Engelmanni. Foliage large and abundant; similar to the Virginia Creeper, but quite distinct in having the self-supporting habit of Ampelopsis Veitchii. In this respect and also in brilliancy of coloring in the Fall it will rival the so-called "Boston Ivy." Hardy in northern states. One year old plants, each, 15c.; doz., \$1.25. 2 year extra strong, each, 40c.; doz., \$3.00.

Ampelopsis Quinquifolia. (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. Each, 15c.; 4 for 50c., prepaid. 8 year old plants, by express, each, 25c.; doz., \$2.50.

Large Flowering Clematis.

The royal purple of this splendid, everblooming flower may well be said to mark it as a prince among all hardy flowering vines. We presume every one of our customers who sees it bloom each Summer promises to plant it in his own yard or garden at the next opportunity. It is especially adapted to open lawns or house fronts in the city or country. Perfectly hardy; blooms the entire season, bearing beautiful and lasting flowers. The varieties we offer here are those best adapted to our climate.

Plant in a sunny spot in good garden soil, dug very deep, placing the crown of the roots $\frac{3}{4}$ inches below the surface of the soil. We recommend the application of well-rotted manure in holes a few inches 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 plant.



BIGNONIA GRANDIFLORA.

SPECIAL NOTICE! On account of the brittleness of the bark on Clematis, it cracks very easily, and many people believe the plant to be permanently injured when such is not the case. We issue this notice on account of the numerous letters we get on the subject. We wish to say also that we examine all plants carefully before shipping, to see that they are in good condition, and if they die after being received in good order we do not agree to replace them.

Extra Size Plants for Immediate Effect. Many of our customers desiring immediate effect, prefer this stock and we import from the best nurseries in Europe. Price unless noted, strong 2 year old plants, each, 50c., prepaid. Extra strong 3 year old plants, 75c., by express.

Clematis, "Ville de Lyon." Its blooming capacity is great and the flowers are of the most magnificent brilliant crimson; they are large, of beautiful circular form. Each, \$1.50; 3 for \$4.00.

Integrifolia Durandi.—Strong indigo-blue flowers, $3\frac{1}{2}$ inches across from early June till late Fall, 4 to 6 feet high.

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 from July to November on shoots of the present season; should be pruned early in Spring.

Jackmanni Alba. The white flowered Jackmanni.

Madame Baron Viellard. Light rose, with lilac shadings.

Henryi. (Bangholm Belle.) Strong grower, flowers always eight-sepaled, four to six inches in diameter and pure white. Very hardy.

Miss Bateman. Pure white, with chocolate anthers. This sort commences to bloom as soon as its leaves start in May.

Gypsy Queen. A rich, dark, velvety purple; a rank grower and a free bloomer. A very attractive and curious variety.

Duchess of Edinburgh. One of the best double whites, of vigorous habit, very free of bloom and deliciously fragrant.

Mme. Eduard Andre. An entirely distinct variety and the nearest approach to a bright red ever sent out. Color, carmine red.

Ramona. Single, lavender blue, about the largest Clematis known. Flowers are frequently 8 to 10 inches in diameter.

M. Koster. A bright rosy carmine of the largest size; a strong grower and free flowering.

Sieboldi. Flowers of largest size; a beautiful light blue in color.

Ampelopsis Veitchii Robusta Purpurea.

An Ampelopsis of very strong robust growth. The foliage is different than Veitchii or Boston Ivy. The leaves are a blue purple with a shining gloss finish, having all the other characteristics of the well known Boston Ivy. It will make double the growth of the Veitchii and stands our Winters better. We control the entire stock of this grand climbing plant and offer a limited quantity for sale this Spring.

Price, small pot plants.....	\$0 20	Doz. \$ 2 00
" 2 year-old, Dormant Plants.....	75	8 00
" 3	1 00	10 00

Ampelopsis Veitchii (Boston Ivy).

This very attractive clinging vine will be readily recognized by our readers when we remind them that its glossy ivy leaves overlap each other and its long delicate, young shoots stretch up the stone wall of our finest city residences. The tendrils at nearly every joint 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, round the doors and windows. It is quite hardy, but some protection of straw may well be used immediately around the plant in Winter. We quote many sizes. 10 inches, 15c.; 2 feet, 25c.; extra 3 feet, 40c.; 3 for \$1.00, prepaid. Or not prepaid, 10 inches, 5 for 60c.; doz., \$1.00; 2 feet, 4 for 90c.; doz., \$2.00; extra 3 feet, 6 for \$1.75; doz., \$3.00.

Grafted Ampelopsis Veitchii. The same habit as Veitchii, except plants make a much stronger growth the first year, also much hardier. We can recommend these grafted plants to our customers. Large plants, three to four feet high, growing in pots, each, 50c.; doz., \$5.00, by express.

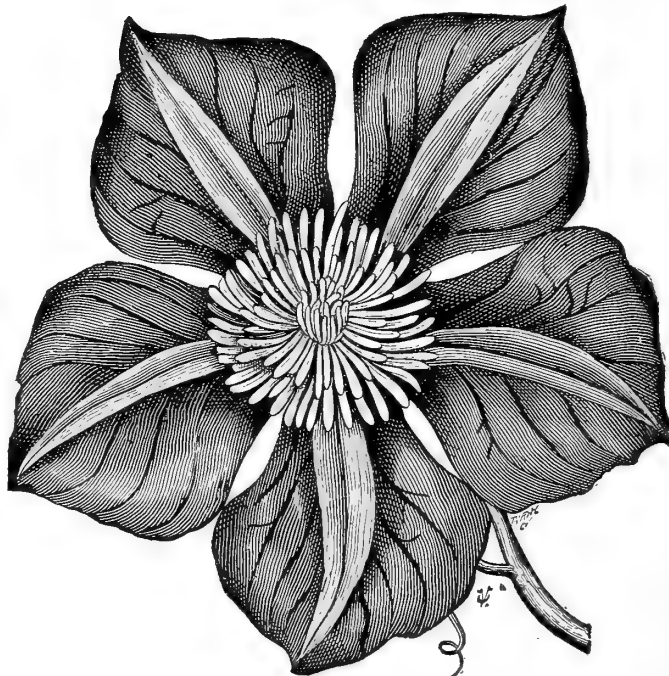
Muralis. Foliage similar to Quinquifolia; strong, rapid grower, clinging to walls without support; stand the hardest Winters. Two year old plants, each, 20c. Strong 3 year old plants, each, 40c.; 3 for \$1.00; 12 for \$3.00, by express.

ACTINIDIA Polygama, Silver-Sweet Wine. A new, hardy climber of remarkable beauty, from Japan. The foliage on the ends of the flowering shoots is of a silvery white color, which appear about the middle of June are creamy white with numerous stamens, with bright yellow anthers, and resemble the Lily of the Valley in fragrance. The growth is rapid and vigorous. Strong dormant plants, 3 year old, each, 50c.; 6 for \$2.50; 12 for \$4.00, by express.

AKEBIA Quinata. A beautiful, hardy, climbing vine. It often grows fifteen feet in a year and produces throughout the season large clusters of fragrant flowers, resembling Forget-me-nots. Each, 15c.; 4 for 50c., prepaid. Large vines, 6 to 8 feet long, 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. long, each, 50c.; doz., \$5.00, by express.

BIGNONIA Grandiflora (Trumpet Creeper) Grandiflora is a great improvement on the old variety Radicans; the flowers are very large, trumpet shaped, of orange scarlet. Very useful for covering unsightly places, old stumps and rock work. 2 year old plants, each, 25c.; 12 for \$2.50. Large 3 year old plants, each, 50c.; 6 for \$5.00, by express.

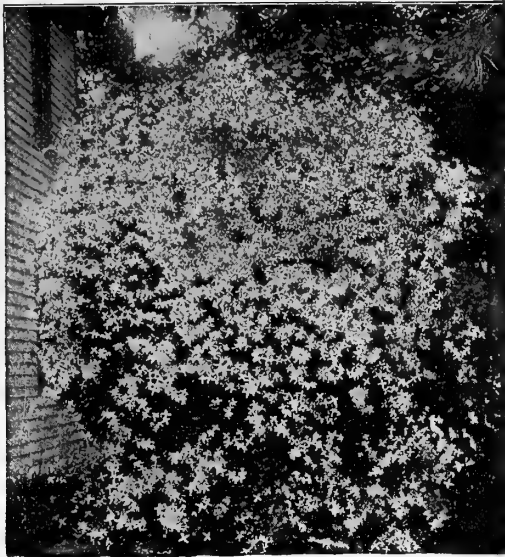


CLEMATIS JACKMANNI.

VINES

(CONTINUED.)

By express at buyer's expense. For mail offer see separate list on this page.



Small Flowered Clematis

CLEMATIS PANICULATA.

A vine of very rapid growth, quickly covering trellises and arbors with handsome, clean glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets and of a most delicious and penetrating fragrance. The flowers appear in September, at a season when few other vines are in bloom. The extreme rapidity of growth, the showy foliage, beautiful and fragrant flowers and hardihood serve to make this one of the very choicest of recent introductions. Each, 20c.; 3 for 50c. 2-year field grown plants, each, 40c.; doz., for \$4.00; 100 for \$20.00. Large 3 and 4-year-old roots, each, 50c. to \$1.00, according to size.

Yellow Clematis (Graveolens). Single bright yellow. The flowers are four-pointed star-shaped and are larger than those of the *Paniculata*, being 2 1/2 to 3 inches in diameter, and are borne in large long panicles throughout the late Summer and Fall till frost comes. The vine is a vigorous, rapid grower, entirely unaffected by Clematis diseases, and forms a splendid covering for an arch or trellis. The fern-like foliage is handsome in itself, being entirely different from any other Clematis. The bright lemon color of the flower is very pleasing, and this is the only Clematis having any yellow coloring. Strong 2-year-old field plants, each, 50c.; 3 for \$1.25; 6 for \$2.00.

NEW HARDY

CLEMATIS COCCINEA HYBRID.

An entirely new and distinct type of Clematis, the result of crosses between *C. Coccinea* and *Star of India*, combining all the good points of their parents in hardiness; vigorous, robust growth and freedom of bloom.

Countess of Onslow. Bright violet-purple, with a broad band of scarlet through the center of each petal; of open, bell-shape form.

Duchess of Albany. A beautiful bright pink; deeper down the center, softening to lilac-pink round the margin; campanulate in shape.

Duchess of York. A delicate and pleasing shade of pale pink, with a deeper tinge in the center of each petal; campanulate form.

Grace Darling. Bright, rosy carmine. Each, \$1.00; the four for \$3.50, by express.

NEW CLEMATIS—Burbank's Seedlings.

The plants inherit the vigorous constitution of the *Coccinea* and the free-flowering habit of the *Jackmanni*. The shape of the flowers is more on the order of the *Coccinea*, being bell-shaped. The colors are varied, being all shades of blue, lavender and purple, as well as rose, pink and red. The plants we offer are raised by Mr. Burbank, and are the finest and most vigorous Clematis plants we have ever seen. We can only furnish these in mixture. Each, 50c.; 3 for \$1.35; doz., \$5.00.

VARIOUS TYPES OF CLEMATIS.

Two-year-old, price, each, 20c.; 3 for 50c. One each of the four for 65c.

Coccinea. Bell-shaped flowers, bright coral red; blooms from June until frost. A rapid grower; very free bloomer.

Crispa. Fine, deep blue, with a white border and deliciously fragrant

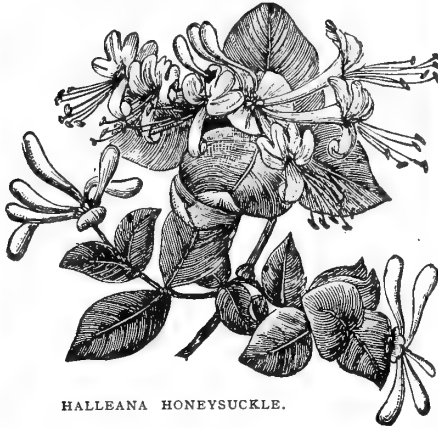
CLEMATIS — Continued.

Viticella. A strong grower, with pretty foliage and purplish-red flowers. Suitable for verandas and trellises.

Flammula (Virgin's Bower). Pure white; blooms in clusters; fragrant.

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.

HONEYSUCKLES



HALLEANA HONEYSUCKLE.

Halleana. A vigorous grower; flowers yellowish-white; exceedingly fragrant and freely produced. Each, 20c.; 4 for 50c., postpaid. Large size, 2-year-old plants, each, 35c.; doz., \$2.50, by express at buyer's expense.

Japan Golden-Leaved (Aurea Reticulata). A handsome and desirable variety, with variegated foliage and yellowish-white flowers. 1-year-old plants, each 15c.; 5 for 50c., prepaid. 2-year old plants, each, 35c.; 4 for \$1.00, by express.

Scarlet Trumpet or Coral (Sempervirens). Very strong, rapid grower, with beautiful scarlet flowers all Summer. 1-year-old plants, each, 25c.; 3 for 60c., prepaid. 3-year old plants, each, 50c.; 3 for \$1.25, by express.

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. Each, 25c.; 3 for 60c. 3-year-old vines, each, 50c.; 3 for \$1.25, by express.

1 each of the above Honeysuckles, 2-year old size for \$1.00, postpaid; 1 each of larger size, \$1.50, by express.

MATRIMONY VINE, Lycium Sinense.

A well-known, hardy, fast growing vine; very handsome when covered with its scarlet fruit in Autumn; useful for covering screens or ledges, or any object, at short notice.

Strong 2-year-old plants, each, 35c.; 4 for \$1.00, by express.

Polygonum Baldschuanicum.

A grand addition to the select list of decorative hardy climbers; a recent introduction from the mountains of Turkestan. It is of rapid growth, frequently attaining a height of 10 to 12 feet in one season. The stems are twining and cling for support to any object within reach. Every branchlet terminates in a panicle of white, foamy flowers, which are produced during August and September.

Extremely showy. We highly recommend it. Strong plants, each, 75c.; 3 for \$2.00; 12 for \$6.00.

Special Offer No. 415.

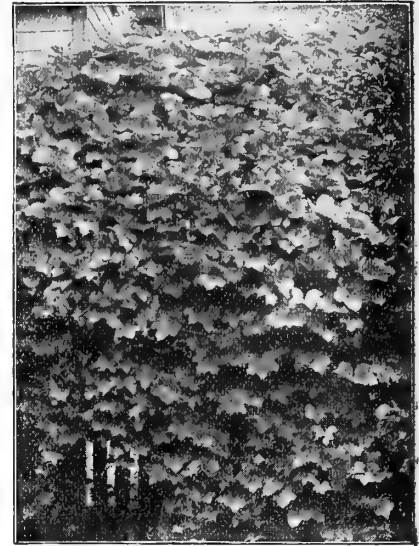
Twelve Hardy Climbing Vines, all different, all labeled; no two of the same class.

Our selection, 2-years-old, for \$3.50.

Our selection, 3-years-old, for 5.00.

By express at buyer's expense.

This splendid offer will give you a complete assortment for the home place. It is sure to please you now and later.



Jack-and-the-Bean-Stalk Vine;

Pueraria Thunbergiana, or Kudzu Vine.

Watch it grow. This new vine, with ordinary treatment, will grow 70 feet in one season, turning everything it covers into leafy loveliness and filling the air with the fragrance of its large clusters of Wistaria-like blossoms. In three months this wonderful Chinese Vine progresses as much as most vines do in five years. Adaptable to porches, arbors, fences, rockeries, old trees, etc. Perfectly hardy anywhere and in any soil; lasts 25 years or more. Strong 1-year-old roots, each, 40c.; 3 for \$1.00. Strong 2-year-old roots, each, 75c.; 3 for \$2.00, by express. Strong 3-year-old roots, each, \$1.00; 3 for \$2.50, by express.

WISTARIAS.

Alba. Flowers white, in drooping racemes. Large plants, by express, 3-years-old, 75c.; 6 for \$4.00.

Magnifica. Dense clusters of purple-lilac flowers. 2-year-old, each, 25c. Large plants, each, 50c.; 6 for \$2.50, by express.



CHINESE WISTARIA.

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.

Special Offer No. 331.

Any 12 of the following kinds, your choice, for \$1.50, by express at buyer's expense.

This is a bargain offer.

- Akebia Quinata.
- Ampelopsis Engelmanni.
- “ Muralis.
- “ ‘Quinquæfolia.’
- “ Variegata Elegans.
- “ Veitchii.

- Bignonia Grandiflora.
- Clematis Flammula.
- “ Graveolens.
- “ Paniculata.
- “ Viticella.
- Honeysuckle Belgica.
- “ Japonica.
- “ ‘Aurea Reticulata.’
- “ ‘Halleana.’
- “ Sempervirens.
- Wistaria Magnifica (Blue).

HARDY PERENNIALS



ANEMONE QUEEN CHARLOTTE.

Acanthus Latifolius. Stately broad foliage, purplish-rose flowers in August and September; 3 feet high. Each, 20c.; dozen, \$2.00.
Achillea Millefolium Roseum. Flowers, pink in dense heads; 18 inches high; produced all Summer.
Achillea, The Pearl. The flowers are borne in great profusion and are pure white, double; 2 feet; blooms all Summer.
Aconitum Napellus (Monkshood). Large dark-blue flowers; 3 feet; August, September.
Aconitum Album. Similar, with white flowers. Each, 20c.; dozen, \$2.00.
Actaea Japonica (Baneberry). Showy dense spikes of white flowers; 2½ feet; September, October. Very desirable; new. Each, 40c.; dozen, \$4.00.
Adenophora Potanini (Campanula). Covered with clear blue flowers; 2 feet; July, August. Each, 20c.; dozen, \$2.00.
Agrostemma Coronaria (Mullein Pink). Silvery foliage, crimson flowers; 2½ feet; June and July. Each, 20c.; dozen, \$2.00.
Alyssum Saxatile Compactum. Clear, golden yellow flowers, fragrant and very showy. Dwarf, compact habit; 1 foot; blooms May and June.

ANEMONES—Japanese Varieties.

2 to 3 feet; flowering from August till November.
"Beaute Parfaite." Semi-double white with bluish. Each, 25c.; dozen, \$2.50.
"Honorine Jobert." Snow white. Each, 25c.; dozen, \$2.50.
"Prince Henry." Semi-double; dark red. Rare, unequalled. Each, \$1.00; dozen, \$10.00.
"Queen Charlotte." Large double pink flowers. The most popular of all.
"Rosea Superba." Soft silvery rose, remarkably free. Each, 20c.; dozen, \$2.00.
"Whirlwind." Is a hardy, strong and a free bloomer; large, white double flowers. One of the prettiest of hardy plants.

Other Varieties of Anemones.

Pulsatilla (Pasque Flower). Violet-purple, 9 to 12 inches; April or May. Good for rockery.
Sylvestris. Cup-shaped pure white flowers; finely cut leaves; 1 foot; May-July.
Sylvestris Flore Pleno. Double flowers. Each, 20c.; dozen, \$2.00.
Anthemis Tinctoria. Bushy habit, golden yellow flowers; 15 inches; blooms all Summer.

Price of all Hardy Perennials, except where noted, is as follows:
 Each, 15c.; three for 40c.; dozen, \$1.25, postpaid. If ordered to go by express, stronger plants can be supplied for the same price. Large plants, each, 25c., dozen for \$2.50, by express only.

Anthericum Liliastrum Major (St. Bruno's Lily). Grass-like foliage, white fragrant lily-like flowers; 2 feet; May and June.
Aquilegia Chrysantha. Golden yellow flowered variety; 3 feet; June-August.
Aquilegia Cœrulea. This is the true blue, one of the handsomest, 1 foot; June-August.
Arabis Alpina. A pretty plant for rock-work or borders, forming a dense carpet of glossy green foliage and pure white flowers; 6 inches; early Spring. Each, 20c.; 3 for 50c.; dozen, \$2.00.
Arabis Alpina Flore Pleno. A distinct and pretty double-flowered form of the above; 6 inches; early Spring. Each, 20c.; 3 for 50c.; dozen, \$2.00.
Arundo Donax Variegata. A beautiful variegated giant grass. Foliage creamy white and green; growing 6 to 8 feet high. Each, 30c.; 2 for 50c. Larger size, each, 50c.
Asclepias Tuberosa (Butterfly Weed). Bright orange flowers; showy and beautiful; 2 feet; July to September.

ASTER (Michaelmas Daisy).

Amethystinus. Lovely blue; 3 feet; September-October.
Novæ Angliæ. Large bluish-purple with yellow center; 4 feet; September-October.
Novæ Angliæ Rubra. Bright rose-colored; 4 feet; September-October.
"Snowflake." Compact, pure white, free; 2½ feet; October. Each, 20c.; dozen, \$2.00.
Aster Alpinus Speciosus. Beautiful deep blue; 6 to 10 inches; May-June.
Aster Alpinus Superbus. Fine blue, very free; 6 to 10 inch; May-June.
Baptisia Australis. Deeply cut foliage, spikes of dark blue flowers in June and July; 2 to 3 feet. Each, 20c.; 3 for 50c.
Bocconia Cordata. Flowers in terminal panicles, of a creamy-white color; 6 to 8 feet; July and August.
Boltonia Asteroides. A beautiful native plant, growing 4 to 5 feet high producing white Aster-like flowers; July to October.
Boltonia Latisquama. Pink. 4 to 5 feet; July to October. Unsurpassed for the border.
Campanula Mirabilis (Bell Flower). New; pale blue; very free and showy; 2 foot; July and August. Each, 25c.; dozen, \$2.50.
Campanula Persicifolia Gigantea Moerheimi. A grand new variety; pure white, double; 18 to 24 inches; June and July. Each, 25c.; dozen, \$2.50.
Campanula Persicifolia Multiflora. New; wide open blue flowers freely produced. 2 feet; July-August. Each, 50c.; dozen, \$5.00.
Campanula Pyramidalis. Forming a perfect pyramid 4 to 5 feet high, crowded with large saucer-like blue flowers; July-August.
Campanula Carpatica (Hare-bell). Compact grower; 8 inches high; June-August
Carex Japonica Variegata. A new ornamental Japanese striped grass, recurving; 9 to 12 inches. Each, 25c.
Chrysanthemum Maximum. Flowers, 3 to 4 inches across; pure white with yellow centers; 18 inches; June-August.
Chrysanthemum Maximum Radiatum. A novelty, with overlapping, twisted petals; very fine for cutting. Each, 50c.; dozen, \$5.00.

Chrysanthemums, Hardy Pompon.

Make a grand show, long and late, in the teeth of winter; 2 feet; October-November.
Bridesmaid. Light pink, dark edge.
Eagle d'Or. Good; orange-yellow.
Golden Fleece. Large; bright lemon-yellow.
Gold Nugget. Chrome yellow and bronze.
Julia Lagravere. Deep red.
Prince of Wales. Magnificent pure white. Each, 15c.; dozen, \$1.25.
 The set of six Hardy Pompons for 75c., postpaid.



CHRYSANTHEMUM ULIGINOSUM.

Chrysanthemum Uliginosum. Large white flowers, freely produced from early August till November; 4 feet. Good.
Chrysogonum Virginianum (Golden Joint). A profusion of yellow flowers from June till September; 1 foot. Each, 25c.; dozen, \$2.50.
Cimicifuga Americana (Snake-root). Flowers white, in paniced racemes; 2 to 3 feet; August-September. Each, 25c.; dozen, \$2.50.
Clematis Davidiana. Large axillary clusters of fragrant blue flowers; of bushy growth; height, 3 feet; flowers in July. Each, 25c.; 6 for \$1.25. Large size, each, 40c.
Clematis Recta. Pure white; large and showy; 2 to 3 feet; June and July. Very fine. Each, 25c.; dozen, \$2.50.
Coreopsis Lanceolata. Flowers, bright golden yellow, blooming from June until frost; 2 to 3 feet.
Coreopsis Rosea. Flowers, pink; height, 6 inches; very pretty border plant. June to September.

Our Special Catalogue

OF SHRUBS, TREES AND HARDY PERENNIALS

will be sent on application. It contains a very complete list of ornamental and blooming shrubs and trees suitable for our western climate. It also describes and illustrates a very extensive list of Hardy Climbing Vines and Perennials.



BOLTONIA ASTEROIDES.

Hardy Perennials

(CONTINUED)

Price on all Hardy Perennials, except where noted, is as follows:
 Each, 15c.; 3 for 40c.; doz. for \$1.25, postpaid. If ordered by express, stronger plants will be sent for same price. Large plants, each, 25c.; doz. for \$2.50, by express only.

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, 15c.; 12 for \$1.50. **Strong Clumps, each, 35c. doz.; \$3.00.**

Delphinium Formosum (Larkspur) Blooms from July to September. Large flower spikes, deep blue with white eye. Each, 15c.; doz., \$1.25. Larger size, each, 25c.; doz., \$2.50. Three to four feet.

Delphinium Grandiflorum Album. White. One of the best. 18 inches. July and August. Each, 50c.; doz., \$5.00.

Delphinium Hybridum "Albion." Semi-double pure white. Large spikes. A grand novelty 4 to 5 feet June till late Fall, if kept cut. Each, \$1.00; 6 for \$5.00.

Delphinium Hybridum "Belladonna." Beautiful large sky-blue flowers in dainty spikes. From May till September. Excellent. 2 to 3 feet. Each, 25c.; doz., \$2.50.

Delphinium Hybrids. These grand Delphiniums are the handsomest of this class of plants and deserve a position in every garden. We can furnish them in mixed colors. **Strong roots, each, 25c.; doz. for \$2.50.**

Dianthus Barbatus (Sweet William). Large flowers in various colors in great trusses; blooms most all Summer. 18 inches. August to October.

Dianthus Plumarius (Pheasant Eye Pink). Single flowers in all colors, perpetual bloomers. 9 inches. July to October.

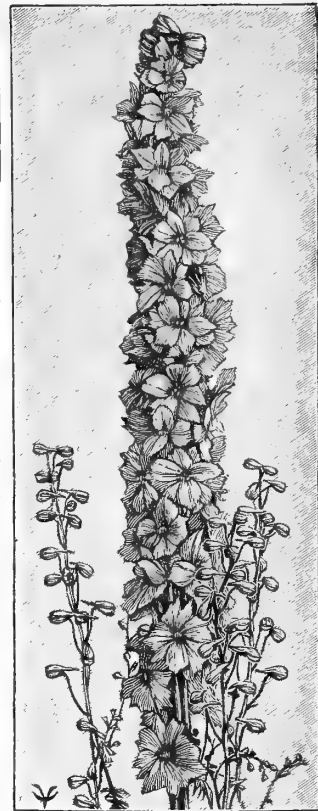
Dictamnus Fraxinella (Gas Plant). Fragrant foliage and curious flowers; rose-pink. 2 1/2 feet. June and July.

Dictamnus Fraxinella Alba. Pure white.

Dicelytra or Dicentra (Bleeding Heart). Graceful sprays of heart-shaped pink and white flowers, blooming in May or June. 18 inches



SHASTA DAISY.



TYPE OF PERENNIAL LARKSPUR

Digitalis (Foxglove). A handsome and highly ornamental plant of stately growth; height, 3 feet. June and July

Doronicum Caucasicum (Leopard's Bane). Bright yellow flowers, 2 inches across. 15 inches high. April and at later intervals.

Doronicum Excelsum. Orange-yellow flowers. 4 inches across. 18 inches high. April and May Each, 25c.; doz., \$2.50.

Echinacea Purpurea (Giant Purple Cone-Flower). Reddish purple flowers. 4 inches across.

Echinops Ritro (Globe Thistle). Thistle-like foliage, globular, metallic-blue flowers. 4 feet. July and August.

Erianthus Ravenae (Plume Grass). Forming dense tufts of narrow foliage, 9 to 10 feet high, with freely produced spikes of inflorescence. Each, 25c.; doz., \$2.50.

Erodium Manesavi (Crane's Bill). Pinnate leaves. Umbels of purplish-red flowers. 1 to 2 feet. May to September. Each, 25c.; doz., \$2.50.

Eryngium Amethystinum. Finely cut spiny foliage, amethyst-blue thistle flowers. 3 feet. May to September. Each, 25c.; doz., \$2.50.

Eryngium Giganteum (Ivory Thistle). Pale glaucous-blue foliage and blue flowers. Very distinct. 3 to 4 feet. May to September. Each, 25c.; doz., \$2.50.

EULALIAS.

These are beautiful hardy grasses, forming large clumps from two to six feet high; perfectly hardy in all sections of the country

Gracillima Unvittata. Narrow green leaves, with a silver-white midrib.

Gracillima Japonica Variegata. Striped lengthwise with green, white, and often pink and yellow. Very ornamental. 4 to 6 feet.

Japonica Zebrina (Zebra Striped Grass). The foliage is distinctly marked across the leaf with broad, yellow bands. It grows from 5 to 7 feet in height. Price of above three Eulalias, each, 25c.; doz., \$2.50. **Strong clumps, each, 50c.; doz., \$5.00.**

EUPATORIUM.

Ageratoides (Thorough-Wort). A useful border plant of strong free growth, 3 to 4 feet high, producing minute white flowers in dense terminal heads during August and September.

Cœlestinum. A pretty hardy plant with light-blue flowers, similar to the *Ageratum*; begins to flower in August and continues until frost. 18 to 24 inches high.



ERYNGIUM AMETHYSTINUM



ADIANTUM PEDATUM.

Collection of Ten Hardy Ferns

Each, 20c.; 3 for 50c. The collection of 10 for \$1.50; small roots by mail. Larger roots, each, 25c.; 10 for \$2, by express.

These beautiful flowerless gems are easily handled, requiring little care and give general satisfaction. Many dreary places, shut in from sunlight, can be made brighter by a clump of ferns.

Adiantum Pedatum (Maiden Hair). One of the prettiest. Grows about one foot high; in rich shades.

Aspidium Acrostichoides (Christmas Fern). An ever-green 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. A very pretty ever-green species, about 15 inches high, with finely dissected fronds about 4 inches wide.



ASPIDIUM SPINULOSUM

Asplenium Felix-Fœmina. Grows from 1 to 3 feet. Fronds ovate, oblong in outline, the foliage fine and delicate.

Asplenium Augustifolium. 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.

Phegopteris Hexagonoptera (Beech Fern). A good fern for the shady corner; 7 to 12 inches wide, broader than long.

Hardy Perennials

(CONTINUED)

Price on all Hardy Perennials, except where noted, is as follows.
Each, 15c.; 3 for 40c.; doz. for \$1.25, postpaid. Large plants, each, 25c.; doz., \$2.50, by express only.



FUNKIA SUBCORDATA.

FUNKIA (Day Lily).

Funkia Lancifolia. Green lanceolate leaves. Dark blue flowers in August. 1 foot.

Funkia Minor Alba. Small growth. White flowers. July-August.

Funkia Ovata. Broad ovate leaf, bluish-lilac flowers. 18 inches. July-September.

Funkia Subcordata. Flowers pure white, on sprays 4 to 5 inches long. Broad, rounded pale green leaves. 18 inches. August-September.

Funkia Variegata. Green and white foliage, with purple flowers, borne in large clusters. 1 foot. July-August. Each, 15c.; doz., \$1.25.

The set of 5 Funkias for 65c.

Large plants, each 25c.; doz., \$2.50.

Gaillardia Grandiflora. Beginning to flower in June, they continue one mass of bloom the entire summer. Flower, 3 inches in diameter; center dark reddish brown; petals vary from scarlet-orange to crimson. Per 100, \$10.00.

Geum Atror-sanguineum, fl. pl. (Avens) Large semi-double dark crimson flowers. 18 inch. July-August.

Geum Heldreichi. Fine foliage. Very free flowering. Orange. One of the best. 18 inch. July and August.

Geum Heldreichi Splendens. A giant form of the foregoing. Flowers twice as large. New.



GAILLARDIA GRANDIFLORA.

Gillenia Trifoliata (Bowman's Root). Bushy handsome foliage. Numerous white flowers, tinged pink. 3 feet. June-July. Each, 25c.; doz., \$2.50.

Glyceria Spectabilis, fol. var. Graceful white and green striped grass with rose hue. 3 foot. Fine for wet places. A grand introduction.

Gunnera Scabra. Imposing foliage plant. Leaves 4 to 5 feet in diameter. Height, 8 to 10 feet. Protect the crown in winter from wet and frost.

Gypsophila Paniculata (Baby's Breath). Grows 2 to 3 feet high. Small white flowers. August-September. Dainty for cutting purposes.

Helenium Autumnale Superbum. Flowers deep yellow in branching panicles, produced in wonderful profusion; one of the most distinct and striking perennial plants. Flowers in September. 5 to 6 feet.

Helenium Hoopesi. Bright orange flowers. Showy and early. 3 to 4 feet. June to September.

Helenium Pumilum Magnificum. A new hybrid of profusest bloom. Large delicate yellow flowers. 2½ feet. June to September.

The set of 3 Heleniums for 40c.

Helianthus Multiflorus Plenus (Dahlia Sun-flower). Loaded with yellow flowers; excellent cut flower. 4 to 6 feet. August-September.

Helianthus Maximilliana. Yellow. long, graceful sprays. Fine for cut. 5 to 7 feet. September-October

Heliopsis Pitcherianus. Blooms all summer. Height, 2 to 3 feet. Flowers, deep golden-yellow. July-September.

HOLLYHOCKS

These handsome, showy plants are at present great favorites. Their unique growth gives them a welcome everywhere. As a background in large borders or beds of the lower herbaceous plants there is nothing better. For planting in rows or groups on the lawn, or interspersing among shrubs, they are invaluable. Our stock consists of fine well-grown field plants, ready to bloom this year, raised from the best strain of Chater's seed. Their flowers are large, double, handsome in form as a Camellia and of lively shades of color. Double white, double salmon, double yellow, double crimson, double pink. Price, each, 15c.; 3 for 40c.; doz., \$1.25. Larger plants, each, 25c.; 3 for 60c.; doz., \$2.00, by express.

New Everblooming Allegheny Hollyhocks. We can supply one-year-old plants of these, in mixed colors only, at 15c. each.; 3 for 40c.; doz., \$1.25.

Iberis, or Hardy Candytuft. Of spreading habit, flowers pure white, completely covering the plant with bloom. Each, 20c.; 3 for 50c.; per 100, \$12.00.

Incarvillea Delavayi (Hardy Gloxinia). 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 16-18 inches high. The plant is a vigorous grower. Each, 25c.; 3 for 60c.; doz., \$2.00. Large 3-year-old roots, each, 50c.; 3 for \$1.25.

Inula Ensifolia (Flea Bane). Bright yellow flowers all summer. 6 inches. Suitable for rockery.

Iris Florentina. Free blooming. Large white mother-of-pearl center. Very early.

IRIS GERMANICA German Iris (Fleur de Lis).

The German Iris is one of the most desirable early Spring-flowering plants.

Blue Bird. Early. Rich indigo blue.

Celeste. Tall. Pure sky blue.

La Tendre. Stands lavender blue; falls light blue; veined with violet.

Mad. Chereau. Tall. Pure white penciled with violet, lavender center.

Pallida Speciosa. Stands deep lavender blue, falls rich plum.

Queen of May. Tall. Early. Bright rosy lavender.

Sampson. Dwarf. Late. Stands golden yellow; falls yellow veined dark red.

Trautlieb. New. Delicate pure rose color, shading to white center. Each, 25c.; doz., \$2.00.

Price, unless otherwise specified, each, 15c.; 3 for 40c.; doz. for \$1.50.

Set of 8 German Iris for \$1.00.

Mixed Colors. Each, 15c.; 3 for 30c.; doz., \$1.00.



HEMEROCALLIS KWANSO FL. PL.

HEMEROCALLIS

Aurantiaca Major (Yellow Day Lily). Free flowering. Orange-yellow. 2½ to 3 feet. June-July.

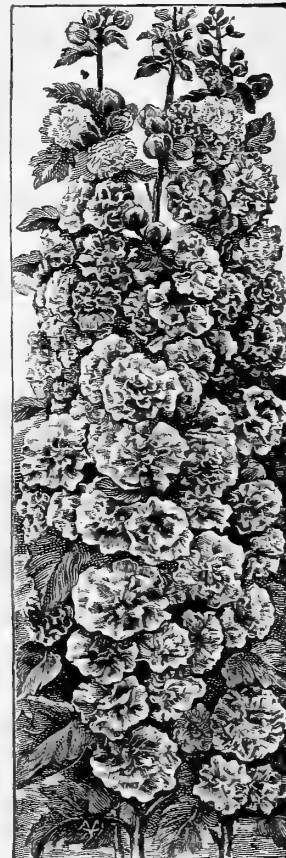
Dumortieri. Soft rich yellow, exterior bronzy-orange. 2 feet. June and July.

Flava. Fragrant yellow 3 feet. July and August

Kwanso fl. pl. (Double Orange Day Lily). Double orange shaded copper. July-August.

The set of 4 Hemerocallis for 50c.

Hibiscus, Crimson Eye. Flowers immense in size, pure white, crimson center. 4 feet. July-August.



DOUBLE HOLLYHOCK.

Hardy Perennials—CONTINUED.

Price on all Hardy Perennials, except where noted, is as follows: Each, 15c.; 2 for 25c.; doz., \$1.25; postpaid. Large plants, each, 25c.; doz., for \$2.50; by express.

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 in bloom 5 or 6 weeks. Many of the flowers measure 8 to 10 inches in diameter. Our collection, imported from Japan, consists of the very choicest. We omit the Japanese names, giving only the colors in both double and single. Pure White; Deep Blue; Violet; Reddish Blue; White, Yellow center; Light Blue; Purple; Bright Pink; Blue, Striped White; White and Pink; Mottled White; Purple and Crimson.

Price, each, 20c.; 3 for 50c.; large clumps, each, 30c.; doz., \$3.00, by express.
SPECIAL OFFER No. 440. One each of 12 distinct kinds of Japanese Iris for \$3.00, by express, in large clumps.

Japanese Iris. Choice Mixed Varieties, each, 15c.; 2 for 25c.; 12 for \$1.25.

Iris Pumila Hybrida.

A new race of large flowered dwarf early bloomers. Sweet scented.

- Cyanea.** Royal purple, with blackish shadings.
- Eburna.** Pure white, with creamy shadings.
- Excelsa.** Clear ochre-yellow. Fine.
- Florida.** Beautiful chrome-yellow, shaded darker.
- Formosa.** Upper petals deep violet-blue, lower petals light violet.

Each, 25c.;
dozen, \$2.50;

SPECIAL OFFER No. 441.
One each of the 5 for \$1.00, postpaid.



JAPANESE IRIS (KAEMPFERI).

DUNDEE, ILL.

Enclosed you will find my order as usual and M. O. to pay for same. This is ten years I have bought from you and have not had a single failure.

H. D. RICHARDS.

- Lathyrus Latifolius "Pink Beauty."** (Pink Perennial Pea). Free blooming, running vine; 10 feet. June to October.
- Lathyrus Latifolius Ruber** (Red Perennial Pea).
- 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.
- Liatris Graminifolia.** Flowers from August to October. Spikes two feet high of rich, rosy purple flowers.
- Lily of the Valley.** Clumps. See hardy Lily page.
- Lobelia Cardinalis.** Rich, fiery cardinal flowers; July, September. Each, 20c.; 2 for 35c., 12 for \$3.00.
- Lychnis Chalcedonica fl. pl.** Producing immense heads of scarlet flowers, extra fine. 2-3 feet. July to September.
- Lychnis Viscaria** (Splendens Plenus), (Ragged Robin). A showy double variety, with bright crimson flowers of a superior type. Good. 1 foot. June and July.
- Lythrum Roseum Superbum.** 3 to 4 feet high, producing large spikes of rose-colored flowers from July to September.
- Mint.** Old-fashioned mint, large clumps, each, 40c.
- Mertensia Virginica** (Blue Bells). Early Spring bloomer. Drooping panicles of light blue flowers, fading to pink. 18 inches. May and June.
- Monarda Didyma.** Large brilliant scarlet flowers in profusion. 3 feet. June to September.
- Old Man or Rosemary.** Strong clumps, each 40c.
- Pachysandra Terminalis.** Low trailer, forming mats of glossy green foliage; small spikes of white flowers in May and June. Grows where grass fails; 6 inches; Each, 15c.; doz., \$1.50; 100 for \$10.00.
- Pardanthus Sinensis.** (The Blackberry Lily). Orange colored flowers, succeeded by berries resembling Blackberries.

- Phalaris Arundinacea Variegata.** Variegated ribbon grass.
- Phlox Divaricata.** Large, bright lilac-colored flowers; fragrant; 10 inches. April and May.
- Phlox Subulata** (Moss Pink). Spreading stems, and narrow moss-like leaves, flowers pinkish purple with dark center.
- Physostegia Virginica.** One of the most beautiful of our Summer flowering perennials, forming dense bushes 3 to 4 feet high, bearing spikes of delicate tubular flowers not unlike gigantic heather. Color, bright soft pink.
- Physostegia A'ba.** Pure white; very fine.
- Pentstemon.** Blooms all Summer, ranging in all colors from pure white to deep crimson.

HARDY PHLOX, EARLY FLOWERING.

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 of colors, vermilion to white. They delight in sunny location and rich soil, but are by no means particular.

Best New Hardy Phlox.

- Alceste.** Large flowers, white shaded lilac, bluish-violet center. Very beautiful.
 - Coquelicot.** The finest of all phlox; brightest and most showy color. Extra large, compact flower heads. Bright orange-scarlet with crimson eye. A dwarf grower and profuse bloomer.
 - Henri Murger.** Large flower, pure white with bright rose eye. Best of its color. Medium height.
 - Jeanne Liabaud.** Light rosy pink with dark crimson center. Half dwarf. Very fine and distinct.
 - J. A. Kramer.** Beautiful compact cone-shaped flower heads. Color, clear bridesmaid rose pink. Bushy grower. Height, 18 inches.
 - J. T. Temple.** Flower heads large. Color, deep salmon-pink. Comes into bloom early and continues through the Summer. Dwarf compact grower. Height, 12 to 18 inches.
 - Madame Pape-Carpentier.** Pure white without any marking. Finely formed flowers of the largest size. Bushy dwarf grower.
 - Montagnard.** Large flowers of pure crimson. An incessant bloomer. Medium height.
- PRICE—ANY OF ABOVE.** First Size (Pot grown plants). Each, 15c.; two for 25c.; doz., \$1.50, postpaid; per 100, by express, \$10.00.
 Second Size (one year old field roots): Each, 25c.; doz., \$2.50; postpaid; per 100, by exp. \$15.00.

Special Offer No. 442—One plant each (first size) of the above eight kinds, \$1.00, postpaid.
Special Offer No. 443—One plant each (second size), \$1.50, postpaid.

12 Unsurpassed Sorts of Hardy Phlox.

Selected out of our stock of over fifty meritorious kinds.

- Amor.** Pure pink, center light flesh pink; dwarf grower.
- Aquillon.** Carmine rose, shaded salmon, crimson eye.
- Beranger.** White, suffused pink, crimson eye.
- Boule de Feu.** Salmon scarlet, dark eye, dwf.
- Cross of Honor.** Magenta, bordered white, in the form of a Maltese cross.
- Duquesclin.** White, with dark crimson center.
- Eclairer.** Purplish crimson, very bright.
- Esclairmonde.** Lilac suffused white, deep rose-colored eye.
- Jocelyn.** Bright salmon red; very brilliant.
- Jeanne d' Arc.** Fine late white.
- Lothair.** Salmon red with carmine eye.
- Pearl.** Large, perfect, pure white flowers.

First Size..... Each, 15c. Dozen, \$1.25 100, \$9.00
 Second Size..... Each, 25c. Dozen, 2.25 100, 18.00
 Third Size..... Each, 50c. Dozen, 5.00 100, 40.00

SPECIAL OFFER No. 445.—Set of above four kinds, first size for 50c.; Second Size for 85c., postpaid.

SPECIAL OFFER, No. 444.—One each of above 12 varieties, First Size, for \$1.50; Second Size for \$2.50; Third Size for \$5.50, prepaid.



HARDY PHLOX.

Phlox-Suffruticosa Varieties.

First Size, each, 15c.; per doz., \$1.50. Second Size, each, 25c.; per doz., \$2.50.
Snow Down. Pure white. Circle, Pink with crimson eye. Lady Masgrove. Red with white cross. Mme. Fournier. White with pink eye.

PEONIES.

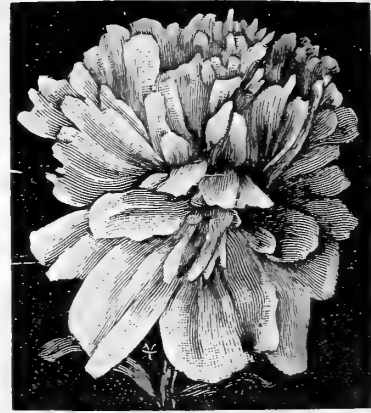
ONCE PLANTED THEY WILL LAST A LIFE TIME, WITH LITTLE CARE.

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 most any kind of soil, but give best results when planted in a deep, rich and somewhat moist loam. Our collection of Peonies is one of the largest and choicest 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.

- Andree Laurie.** Large, double globular shaped flowers of a tender rose violet. Late flowering.
- Boule De Neige.** (Snowball.) A very choice double white, similar to Solfaterra. A very good kind. First size, each, 50c.; doz., \$5.00. Second size, each, \$1.00; doz., \$10.00.
- Caroline Allain.** Large white, immense petals of lilac shade. Each, 35c.; doz., \$3.00.
- Candidissima.** Pure white with sulphur yellow centre. Extra. Each; 35c.; doz., \$3.00.
- Dr. Calot.** Brilliant red. Each, 35c.; doz., \$3.00.



FESTIVA MAXIMA.



GRANDIFLORA RUBRA.

- Dr. Bretonneau.** (Verdier.) Large globular flowers, with rose petals; color, pink, with silvery reflex, fragrant. First size, each, 50c.; \$1.25 for 3.
- Duke of Wellington.** Flowers very large, sulphur-white; very fragrant; stems long and firm. Splendid sort. Each, 50c.; doz., \$5.00.
- Flavescens.** Of beautiful, delicate rose color.
- Festiva Maxima.** One of the largest and choicest of all the white Peonies. Milk-white, with a few carmine spots in the centre; flowers of enormous size, often measuring 7 to 8 inches across; very double and delightfully sweet; the stems are long and strong. An early bloomer. Each, 75c.; doz., \$7.50. Second size, each, \$1.50. Third size, each, \$2.00.
- Festiva.** Flowers, pure white, large double, cup-shaped. Very similar to Festiva Maxima. We can furnish all four sizes of this sort.
- General Bertrand.** Rosé with white centre. Fine variety.
- Grandiflora Rubra.** Extra large, perfect balls of blood red, magnificent flowers. Probably the largest Peony in existence. A massive, late-blooming, superb variety. First size, each, 50c.; doz., \$5.00. Second size, each \$1.00; 12 for \$10.00.
- Jeanne d'Arc.** Delicate rose, sulphur white and carmine centre.
- Jules Calot.** Dark rosy violet, very large flowering.
- L'Esperance.** Flesh rose, striped and spotted carmine.
- Louis Van Houtte.** Color, deep velvety crimson; flowers large, very double, of good form and of great durability; they have kept in perfect condition on the plants for over a week. This is a very free-blooming and hardy variety.
- Mad. Muysart.** A late-flowering sort. Flowers extra large, extremely double, and of a beautiful rose color; are borne on long stiff stems and are freely produced. A splendid sort. First size, each, 50c.; doz., \$5.00.
- Mad. Chaumy.** Flower very large, double and full. Color, satiny pink.
- Magnifica.** A very full double bloom, with high centre and of very good finish. Color, bluish with lilac and salmon shadings. It is one of the freest blooming sorts and very early. The flowers of this kind brought \$1.00 a dozen at wholesale in the Chicago market last spring—as much as Festiva Maxima. We can furnish all four sizes of this variety.

- Nobilissima.** Large deep rosy lilac, late flowering.
- Nivea Plenissima.** Very double large snow white. 1st size, each, 65c.; doz., \$6.00.
- Ne Plus Ultra.** Solid bright pink, very double; a good one.
- Officialis Rubra.** The well known crimson variety of our grandmother's days. The earliest of all Peonies.
- Officialis Rosea.** The well known deep pink variety. Early.
- Osgood.** Midseason. This is a very good sort, rich rose-pink, very free and a good keeper. We have a fine stock and can furnish all four sizes.
- Pink Beauty.** (Edulis superba.) One of the first to bloom, beautiful shade of bright pink. An excellent cut-flower variety; fragrant. 1st size, each, 50c.; 2nd size, each, 75c.; 3rd size, each, \$1.00.
- Potts Rosea.** Flesh rose, inner petals of lighter shade.
- Pulcherrima.** Fine flesh rose with banded center.
- Queen Victoria.** (Whitley.) An A No. 1 sort. Flowers very large, full and compact, with fine, broad guard petals. Opens flesh-white, center petals tipped with red blotches. One of the best cut-flower sorts. Follows right after Festiva Maxima in time of blooming. 1st size, each, 30c.; \$3.00, per doz.; 2nd size, 75c.; 3rd size, each, \$1.25.
- Queen's Perfection.** Yellowish white. Center yellow very free. Each, 35c.; per doz., \$3.00.
- Reine des Francais.** Cream color, inner petals flesh rose, early, very double. Each, 35c.; doz., \$3.00.
- Rubra Triumphans.** Deep crimson; semi-double.
- Solfatare.** Pure white, sulphur center, yellow stamens. Very fine. 1st size, each, 50c.; doz., \$5.00.
- Tenuifolia Fl. Pl.** Double, red, early, foliage fern-like. 1st size, each, 35c.; 2nd size, 75c.; 3rd size, \$1.00.
- Umbellatum.** Light rose with creamy center.
- Victoria Tricolor.** Outer petals pale rose, mottled with pink; center ones yellowish-white, with a few red marks; very large, full and sweet.

Vaughan's Collection of Hardy Phlox is Unsurpassed in the West.

Prices. Any of the above. 1st sizes (except where noted) each, 25c.; dozen, \$2.50; per 100, \$20.00; 2nd size, each 50c.; dozen, \$5.00; 3rd size, each, \$1.00; dozen, \$10.00; 4th or Mammoth size 15-20 eyes, each, \$2.00; dozen, \$17.50. Prices of roots are based on the following sizes: 1st size, 2-3 eyes; extra or 2nd size, 5-6 eyes; large or 3rd size, 8-10 eyes; Mammoth or 5th size, 15-20 eyes.

Special Offer No. 446. One each of the above 36 grand Peonies in 1st size roots for \$10.00 (net without discount), by express at buyer's expense.

SPECIAL PEONY OFFER No. 447 **5 Choice Peonies** One each, Festiva Maxima, best white; Grandiflora Rubra, Our Special Price First \$2.25
splendid red; Mad. Muysart, very large rose; Pink Beauty, Price First \$2.25
splendid pink; Solfatare, cream yellow; Regular price, \$2.75 Size Roots

Peonies in Separate Colors.

Double Crimson, Double White, Double Pink, all at the following prices: 1st size, 8 eyes and upward, each, 25c.; doz., \$2.50; per 100, \$18.00; 2d size, 5 eyes and upwards, each, 50c.; 3 for \$1.25; doz., \$5.00; per 100, \$40.00; 3d size, each, \$1.00; 3 for \$2.50; doz., \$10.00.

Single Peonies.

Three Fine Single Japanese Peonies. Some of the Single Peonies are even more beautiful than the double. They are large in size of flowers and more delicate in coloring. We offer white, crimson and rose, 1st size, each, 50c.; 3 for \$1.25, prepaid.

New Japanese Tree Peonies.

These peonies attain a height of 4 to 6 feet, and when in bloom present a most gorgeous appearance. Flowers of immense size, very double and in great variety of color. We offer four distinct varieties in the following colors: Bright rose, pure white and bright red. Strong 3-year old plants, each, \$1.50, or one each of the three colors for \$4.00, by express.

Special Peony Offer No. 448. 6 distinct varieties of Peonies, our selection, first size roots, for \$1.00. or 12 for \$2.00, by mail, postpaid.

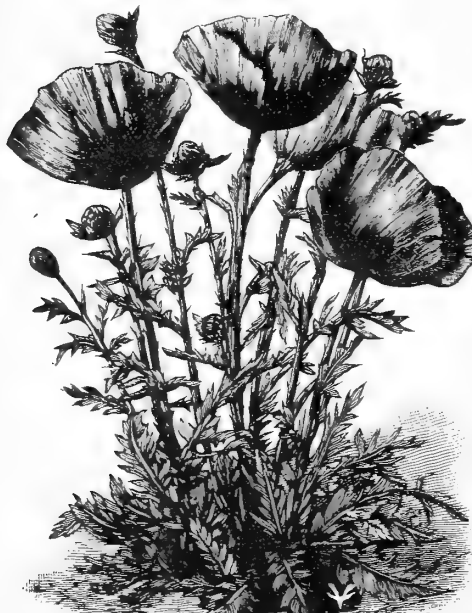
The above prices either by express or freight, at buyer's expense. We can also supply in limited number, and in colors as mentioned above, large undivided clumps in 4th size, each containing fifteen to twenty eyes. Price, each, \$2.00; 3 for \$5.50; per doz., \$17.50.

Hardy Poppies.

- Poppy, Iceland.** These range in color from the purest white and yellow to the deepest orange scarlet. Height, 12 to 18 inches. Often a hundred flower stems on a single plant. They bloom from June until October. Each, 15c.; 6 for 75c.
- Poppy, Oriental, "Royal Scarlet."** Mammoth scarlet flowers, with black center. Each, 20c.; 6 for \$1.00.
- Poppy, Oriental, Mixed Colors.** Large flowers, ranging in color from white and yellow to the brightest scarlet; bloom all summer. Each, 15c.; 6 for 75c. Large size, each, 25c.; doz., \$2.50, by express.

Hardy Garden Pinks.

- Each, 10c.; 6 for 50c.; large clumps, each 20c.; doz., \$2.00.
- Her Majesty.** The exquisite clove-scented flowers are produced in wonderful abundance on long stiff stems; they are perfectly double, exceedingly large, and in color clear white.
- Jean Sisley.** Pink flowers, red centers.
- Juliet.** This charming variety is a very distinct type; the blooms are produced in profusion and emit a clove-scented aroma; cherry red, variegated pink and white.

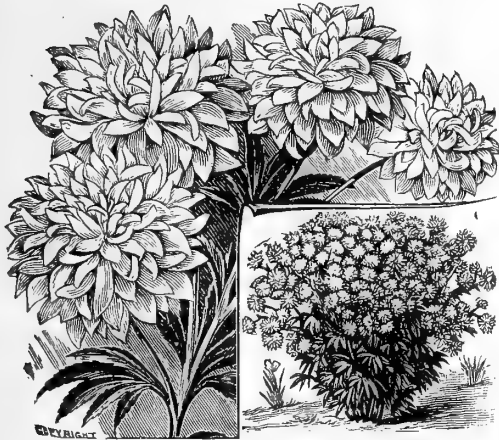


ORIENTAL POPPY.

Hardy Perennials.

(CONTINUED)

Price of all Hardy Perennials, except where noted, is as follows: Each, 15c.; 3 for 40c.; dozen for \$1.25, postpaid. If ordered by express, stronger plants can be supplied for the same price. Large Plants, each, 25c.; dozen, \$2.50, by express only.



RUDBECKIA GOLDEN GLOW.

Platycodon Grandiflora. A constant bloomer from early Spring until Fall. Immense masses of bell-shaped flowers.

Platycodon Mariesi Macranthum. New Tuberos Rooted Clematis. Not a climber, but a low-growing bushy, herbaceous plant with handsome deep green foliage and bearing grand clusters of beautiful large bell-shaped flowers, lovely violet blue; from 1 to 2 feet high; needs no staking; blooms from early June until October.

Platycodon Mariesi Macranthum Alba. Similar to the foregoing, but with white flowers. New and very desirable.

Plumbago (Lead-wort) Larpentae. Of dwarf, spreading habit, growing 4 to 6 inches high; useful as an edging plant or for the rockery; covered with beautiful deep blue flowers during the Summer and Fall months. Each, 20c.; 3 for 50c.

Hardy Primroses.

Primula Veris Grandiflora.

New Giant Garden Primrose. This new Giant Primrose is a vast improvement in every way on the old type Polyanthus. The flowers are very large, measuring from 1½ to 2 inches in diameter, are borne on stout stems 10 to 12 inches 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.

Primula Acaulis, Alba Plena (Primrose). Pure white, double and very free. Forces well; 6 inch; March-April.

Primula Cashmeriana. Close globular heads of dark violet-blue flowers; 1 foot; March-May.

Elatior. (Oxlip). Freely produced in umbels, many colors mixed; 1 foot; April-May. Each, 15c.; dozen, \$1.50.

Special Offer No. 449.

One each of above hardy Primroses for 50c.; postpaid.

Pyrethrum.

(Fever Few). Height from 1 to 2 feet. Main season of bloom is in June. If old flower stems are removed they will bloom again in autumn. Price: except where noted, each, 20c.; 6 for \$1.00.

Carl Vogt. White, very early.

Gloire de Stalle. Carmine; double.

James Kelway. Scarlet, splendid; single.

Little Gem. Pure white; blooms all Summer; double. Each, 15c.; dozen for \$1.25.

Munier. Flesh color; double.

Roseum. Rose colored; 1½ feet; single. Each, 15c.; dozen for \$1.25.

Special Offer No. 450.

The Set of 6 Pyrethrums for \$1.00, postpaid.

SPECIAL OFFER 451. 1 each of the 4 plants illustrated on this page. (Rudbeckia Golden Glow, Sweet William, Stokesia Cyanea and Tritoma Pfitzerii) for 50c., postpaid.

SPECIAL OFFER 451A. 3 each for \$1.40, postpaid.

SPECIAL OFFER 451B. 6 each for \$2.50, postpaid.

Rudbeckia. Prices—see top of page.

Golden Glow. 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 from 4 to 7 feet high, 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. Per 100, \$8.00.

Maxima. A rare and attractive variety, growing 6 feet high, 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. Dark orange, yellow flowers with deep purple cone. Fine for cut; 3 feet; June-September.

Sub-Tomentosa. A pyramidal, densely branched plant 2½ feet high, a mass of brilliant lemon-yellow flowers with dark purple centers.

Scabiosa Caucasicca. This is one of the handsomest of perennials. Flowers soft lilac blue. Each, 20c.; 3 for 50c.; large size, each, 40c.



NEW GIANT FLOWERED SWEET WILLIAM.

Sweet William (Dianthus Barbatus). Giant flowered. An improvement on the old-fashioned Sweet William, both in variety of color and size of flowers and trusses. The single flowerettes often measure 1 inch in diameter. Price, large blooming size clumps, each, 20c.; 6 for \$1.00; doz., \$1.75; by express, Small size, each, 15c.; 2 for 25c., doz., \$1.00, postpaid.

Sedum Spectabile (Brilliant Stone Crop). One of the prettiest erect-growing species, attaining a height of 18 inches, with broad oval, light green foliage and immense showy heads of handsome rose-colored flowers; indispensable as a late Fall-blooming plant. Each, 25c.; doz., \$2.50; large plants, each, 50c.

Solidago Virgaurea Nana. New dwarf golden-rod, golden-yellow feathery sprays; very fine. 18 inches; September. Each, 20c.; 6 for \$1.00.

Tritoma Pfitzerii (Red Hot Poker Plant). The greatest bedding plant ever introduced, surpassing the finest Cannas for attractiveness and brilliancy, showy as the Gladiolus as a cut flower, and blooms incessantly from June until November. Plants perfectly hardy with protection. Plants show from 6 to 20 grand flower stalks all the time, each holding at a height of 3 to 4 feet a great cluster of flame-colored flowers of indescribable beauty and brilliancy. Each cluster keeps perfect several weeks, and when it fades two or three more are ready to take its place. For cutting it is unsurpassed, as the beautiful long spikes keep several weeks in water. Strong 2 year old plants that will bloom the first Summer. Each, 30c.; 4 for \$1.00; 12 for \$2.50. 1 year old each 15c.; dozen, \$1.50, per 100 \$12.00.



STOKESIA CYANEA.

Statice Latifolia (Great Sea Lavender). Forms large heads 2 feet across, composed of pyramids of lavender flowers.

Stokesia Cyanea (The Cornflower or Stokes Aster.) 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 plant grows from 18 to 24 inches high, blooming freely from July until frost. Each, 15c.; doz., \$1.50; per 100, \$12.00. Large roots, each, 25c.

Trillium Grandiflorum (Wood Lily or Wake Robin). Excellent for shaded positions in the hardy border, or in a sub-aquatic position. Covered with large flat white flowers in early spring. Each, 15c.; doz., \$1.50.

Trollius Japonicus Plenus. Brilliant orange semi-double flowers of loose transparent petalage, freely produced on stiff stems clear of the foliage; 2 feet; April-June. Each, 20c.; 6 for \$1.00.

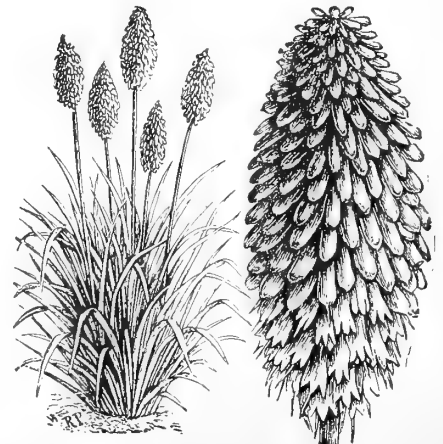
Trollius Hybrids. In many shades of yellow and orange, and varying also in form; 2 foot; May-August. Each, 20c.; 6 for \$1.00.

Uniola Latifolia (Spike Grass). One of the best of our native grasses, growing from 3 to 4 feet high, with large flat flower heads in graceful, drooping panicles.

Veronica Longifolia Subsessilis. 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, 20c., 6 for \$1.00.

Veronica Spicata. An elegant border plant, growing about three feet high, producing long spikes of bright blue flowers. Lasts for weeks.

Yucca Filamentosa (Adam's Needle). Flowers pure white, drooping, borne upon long stems. A fine plant for the lawn or cemetery; hardy and evergreen. Each, 15c.; 2 for 25c. Large plants, by express, each, 25c.; 5 for \$1.00; or larger size each, 50c.; dozen, \$5.00.



TRITOMA PFITZERII.

ORNAMENTAL AND FLOWERING SHRUBS

Our Nursery Department while a new one and as yet modest in dimensions is conducted with the same scrupulous care we devote to all the other departments of our establishment. **Nothing but the best** is good enough for our customers and the trees and shrubs we send out are faultless as to shape, roots, stem and crown. They are all nursery grown and have been repeatedly transplanted. Our shrubs are nice and shapely with many branches, our trees straight and strong, with fibrous roots and according to specified sizes. Our customers will be pleased with the goods we send them.



WEIGELIA, EVA RATHKE.



LILAC BLOSSOM.

All goods ordered from this list must be sent by express or freight, customers paying charges on receipt of goods. All heavy trees in large amounts should be sent by freight, as charges are so much less, and our perfect packing admits a long journey without injury to the trees. Always give full and explicit shipping directions, as our responsibility ends on delivery of trees in good condition to the freight office.

We shall be pleased to quote prices to anyone desiring different sizes or stock in larger quantities than offered herein. In sending list state definitely the number of each variety and size wanted.

For varieties and description see preceding pages, or for more extended descriptions see Catalogue No. 1, which will be mailed on receipt of 10c.

	Size feet high	Each	Doz.
Almond, Flowering , double white and pink	2-3	\$.50	\$ 4.00
Althea, Double White (Rose of Sharon)	3	.40	4.00
Red	3	.40	4.00
Purple	3	.40	4.00
Variegated Foliage	1st	.25	2.50
American Holly . See <i>Ilex Verticillatus</i> .			
Barberry, Thunbergii , 2 year old per 100		\$10.00	
3		20.00	
4		30.00	
Purple-Leaved, 2 feet per 100		\$20.00	
3		30.00	
Buddleia Variabilis (Pride of China), 2 year old			
Calycanthus Floridus (Sweet Shrub)	2-3	.35	3.50
	4-5	.50	5.00
Chionanthus Virginica (White Fringe)	2-3	.25	2.50
	3-4	.50	5.00
Clethra Alnifolia (Sweet Pepper Bush)	2-3		
Colutea Arborecens	2-3	.40	4.00
	4-5	.75	7.50
Cornus Sanguinea (Dogwood)	3-4	.35	3.50
Siberica	3-4	.35	3.50
Crab , Bechtel's Flowering	4-5	1.00	11.00
Currant , Crimson and Yellow Flowered	2-3	.50	5.00
Cydonia Japonica (Japan Quince)	2-3	.40	4.00
Desmodium Penduliformum , 3 year old		.50	5.00
Deutzia Crenata Fl. Pl.	2-3	.25	2.50
Candida	3	.40	4.00
Fortunei	3	.40	4.00
Gracilis	1½	.25	2.50
Lemoinei, strong bushes	3-4	.50	5.00
Pride of Rochester	2-3	.30	3.00
	3-4	.50	5.00
Dogwood . See <i>Cornus</i> .			
Eleagnus Longipes	2-3	.50	5.00
Elder, Golden-leaved	2-3	.30	3.00
	5-6	.50	5.00
Cut-leaved	2-3	.30	3.00
Euonymus Alatus	3	.75	8.00
Exochordia Grandiflora (Pearl Bush)	2-3	.35	3.00
	3-4	.60	6.00
Fringe, Purple . See <i>Rhus</i> .			
Fringe, White . See <i>Chionanthus</i> .			
Forsythia Viridissima (Golden Bell)	4-5	.50	5.00
Suspensa	2-3	.35	3.00
False, Indigo . See <i>Amorpha</i> .			
Halesia Tetraptera (Snowdrop Tree)	2-3	.50	5.00
Hamamelis Virginica (Witch Hazel)	2-3	.50	5.00
Highbush Cranberry . See <i>Viburnum Opulus</i> .			
Honeysuckle, Upright or bush form; both pink and white	2-3	.35	3.00
	3-4	.50	5.00
	4-5	.75	8.00
Hydrangea Paniculata Grandiflora , 3 year old	3-4	.40	4.00
		.75	8.00
Tree form, 3 ft. stem	2	.50	4.00
Ilex Verticillatus (American Holly)	2	.50	4.00
Ligustrum . See <i>Privet</i> .			
Lilac, Alba . Pure white.	3-4	.40	4.00
	4-6	.75	8.00
Chas. X. Reddish-purple strong bushes	2-3	.40	4.00
Mad. Lemoine. Double white	2-3	.40	4.00
Persian White and Purple	4	.60	6.00
Rubra de Marley, Purple	3-4	.40	4.00
	4-5	.60	6.00
Tree or Japonica	4-5	1.00	9.00

	Size feet high	Each	Doz.
Magnolia Halleana	2	1.50	15.00
Soulangeana	4	1.75	18.00
Mulberry, Tea's Weeping , 2 year heads		2.50	24.00
Philadelphus Coronarius , or Mock Orange	2-3	.25	2.50
	3-4	.40	4.00
Grandiflorus	2-3		
	3-4		
Privet, California . Per 1,000, \$40.00; per 100, \$5.00.	1½	.10	1.00
Per 100, \$10.00; 3 year	2-3	.15	1.50
Common	2-3	.25	2.00
	4-6	.50	5.00
Amurense. Per 100, \$15.00	2-3	.25	2.50
Prunus Pissardi	2-3	.25	2.50
	4-5	.60	6.00
Triloba, 2 years	2-3	.35	3.00
Rhododendrons , White. Large plants in bud		2.00	20.00
Purple		2.00	20.00
Rhus Cotinus (Purple Frings)	2-3	.35	3.00
	3-4	.50	5.00
" " " "	6	.75	8.00
Typhina (Cut-leaved or Staghorn Sumach)	2	.25	2.50
Sambucus . See <i>Elder</i> .			
Snowball . See <i>Viburnum</i> .			
Symphoricarpos Racemosus (Snowberry)	2-3	.35	4.00
	3-4	.50	5.00
Vulgaris (Indian Red Currant)	2	.25	2.00
Spiraea Anthony Waverer	2	.25	2.50
Arguta Multiflora, extra heavy	3-4	.40	4.00
	4-6	1.00	10.00
Aurea	3	.35	3.00
Billardi	2-3	.35	3.00
" " " "	3-4	.50	5.00
" " " "	4-5	.75	8.00
Bumalda, 3 years	1½	.25	2.50
Callosa Rosea	2-3	.30	3.00
Sorbifolia	3-4	.40	4.00
Thunbergii	2	.40	4.00
Van Houttei	2-3	.25	2.50
	3-4	.50	5.00
	2-3	.50	5.00
Stephanandra Flexuosa	2	.30	2.50
Sumach . See <i>Rhus Typhina</i> .			
Syringa Dianthaeiflorus Fl. Pl.	2-3	.35	3.00
Golden	2-3	.35	3.00
Lemoinei	2-3	.35	3.00
Speciosa	2-3	.35	3.00
Coronarius. See <i>Philadelphus</i> .			
Tamarix Indica	4	.40	4.00
Africana	4-5	.60	6.00
Viburnum Dentatum (Arrow-wood)	2-3	.35	4.00
Opulus (High Bush Cranberry)	2-3	.35	4.00
Plicatum (Japan Snowball)	2	.35	4.00
	3	.50	5.00
	4	.75	8.00
Sterilis (Snowball)	2-3	.35	4.00
	3-4	.50	5.00
Weigelia Candida	3	.35	4.00
Eva Rathke	2-3	.50	5.00
Floribunda, bushy	2-3	.35	4.00
Rosea	2-3	.35	4.00
Variegata Nana	2-3	.35	4.00
Witch Hazel . See <i>Hamamelis</i> .			
Xanthoceras Sorbifolia	2-3	.50	4.00

Shade and Ornamental Trees.

	Height	Each		Height	Each		Height	Each
Ash American and European	6-8 ft.	\$.75	Elm, Scotch or Wych	10-12	1.25	Maple, Norway	6-8	1.00
Birch, White Weeping	4-6	1.00	Camperdown Weeping grafted	6-8	1.50		8-10	1.25
Catalpa, Golden-leaved	6-8	1.00	Gonko, Biloba	5-6	.75		12	1.50
Silver-leaved	6-8	1.00	Horse Chestnut, White	5-6	.75	Schwedlere	6-8	1.50
Speciosa	10	1.00	Red	3-4	.75	Wiers, cut-leaved	6-8	.75
Bungei grafted	6	2.00		5-6	1.00		10	1.00
Elm, American White	8-10	1.00	Judas Tree or Red Bud	8-10	1.00	Mulberry, Tea's Weeping	6-8	2.50
	10-12	1.25	Linden, American and European	8-10	1.00	Poplar, Carolina and Lombardy	6-8	.75
Purple-leaved	8-10	1.00		12-14	1.50		10-12	.75
Scotch or Wych	12-15	1.50	Maple, Silver-leaved	8-10	.75		12-15	1.00
	8-10	1.00		10-12	1.00	Willow, Babylonian and Kilmarnock	6-8	.75

12 BEST SHRUBS—Flowering and Ornamental

Our Selection of the Best Hardy Kinds for Northern States

THERE is nothing more satisfactory in plants than Ornamental Shrubs—nothing adds more to the beauty of a garden than a few well-chosen, well-placed shrubs. There is nothing as inexpensive; but one outlay is necessary and hardly any labor

FOR OTHER SHRUBS AND SHADE TREES
Send for Our Special Shrub Catalogue. It is Free

required. The following list is composed of sorts that have proven hardy everywhere and are sure to give satisfaction. **PLANT SHRUBS.**

BERBERIS THUNBERGII An ideal shrub for small or medium size grounds. Very useful for groups, borders or hedges. Usually grows about 3½ feet high. Its branches curve gracefully and its buds, leaves, red berries, and even color of bark change so with the seasons of the year that every month its new dress gives delight to the eye. Slender branches; fine leaves. **Plants 4 years old, each 50c.; per doz., \$4.00; 100, \$50.00.**

BERBERIS PURPUREA. A purple leaved type of above. Adds to the value of any shrub collection. **Price, 4 year, 50c.; doz., \$4.00; 100, \$50.00.**

JAPAN QUINCE As a single shrub on the lawn it is very attractive. **Cydonia Japonica** live; the large brilliant, crimson flowers are the first blossoms of spring. Makes a fine lawn hedge. **Bushes 2 to 3 feet, each, 40c.; doz., \$5.00.**

GOLDEN ELDER In this we have the best yellow foliage shrub in the list. It grows fast and makes early such a bushy, fluffy growth of leaves that it fills well any space given it; usual growth 6 to 7 feet. The yellow leaves are very distinct, lighting up any group in which it is planted. Hardy; needs some annual pruning on account of its free growth. **Large bushes, 5 to 6 ft., each 50c.; doz., \$5.**

ELDER, Cut-Leaved. A finely divided leaf, green leaves, growth like above. **3 ft. bushes, each 30c.; 4 for \$1.00.**

BUSH HONEYSUCKLE A neat shrub of symmetrical growth, of much sentimental interest from childhood's garden memories. We have two kinds, **WHITE** and **PINK**. **Large bushes, 4 to 5 feet, each 75c.; 2 for \$1.25.**

HYDRANGEA PANICULATA Grandiflora 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 5 to 7 feet and are absolutely hardy, grow in any soil and bloom the same year they are set out. They flower abundantly, bearing immense balls panicles of bloom 7 to 10 inches across, white at first, turning to rose in Autumn. They begin to bloom in August and continue until frost. 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 pruned to within six inches of the center stem. We have two forms of plants. The **TREE** form makes a grand show when in full bloom, standing high on single stem.

BUSH FORM. 3 years old, each 40c.; doz., \$4.00.

TREE FORM. 3 foot stems, each 75c.; doz., \$8.00.

LILACS Alba. Flowers are pure white and very fragrant. Strong bushes 4 to 6 feet high. **Each 75c.; per doz., \$8.00.**

Rubra de Marley. The old fashioned purple Lilac. **Strong bushes, 4 to 5 feet, each 60c.; doz., \$6.00.**

SYRINGA A grand old favorite shrub. The Syringa should be in every yard. Covered with **Mock Orange** sweet-scented flowers in June, resembling those of the apple tree. **Large 3 to 4 ft. bushes, 40c.; doz., \$4.00.**

SPIRAEA Arguta Multiflora. Of dwarf, drooping habit; flowers pure white, commencing to bloom in June; fine foliage. Extra strong bushes 4 to 6 ft. high and bushy. **Each \$1.00; 3 for \$2.50.**

S. Van Houttei. A splendid garden shrub, entirely hardy and one of the most beautiful of all; immense bloomer; pure snow-white flowers. This is the plant for the people. **Strong bushes 3 to 4 feet high, each 50c.; 3 for \$1.25.**



HYDRANGEA PANICULATA GRANDIFLORA

SNOWBERRY **Racemosus.** Snowberry. A well-known shrub with small pink flowers and large white berries that hang on the plant through part of the winter. **Bushes 3 ft. high, 50c.; doz. \$5.00.**

Vulgaris. Red-fruited, or Indian Currant. A shrub of very pretty habit. Foliage, flowers and fruit small; fruit purple; hangs all winter. **Bushes 2 feet high, each 25c.; doz., \$2.00.**

WEIGELIA A new variety that is at once a remarkably free bloomer, flowering all Summer and Autumn. An entirely distinct color, being a rich, reddish purple, quite different from other Weigelias. **Bushes 2½ feet, each 50c.; doz., \$5.00.**

SPECIAL OFFER No. 458
One each of the 15 Grand Shrubs here described for \$6.00 by express or freight. Regular price \$7.75.



43	SHRUBS and VINES	VAUGHAN'S "CITY GARDEN" COLLECTION No. 4.	FOR \$10.00
		Retail Value, \$13.65.	

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 or express at buyer's expense, and we cannot permit any changes in its composition.

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|--|---|---|
| <ul style="list-style-type: none"> 2 Almond, double flowering, 3 feet. 1 Althea, double white, 3 feet. 1 Althea, double pink, 3 feet. 2 Barberry Thunbergii, large size. 1 Barberry, purple leaved, large size. 1 Colutea Aborescens, 2 feet. 1 Cornus or Dogwood, 3 feet. 1 Crab, Bechtel Flowering Crab, 3 feet. 1 Cydonia Japonica, (Japan Quince), 2 feet. 2 Deutzias, 2 kinds, 3-year-old. 1 Elder, golden leaved, 3 feet. 1 Eleagnus Longipes, 1 foot. | <ul style="list-style-type: none"> 1 Flowering Currant, 2 feet. 1 Fringe or Smoke Bush, 3 feet. 1 Honeysuckle, upright or bush form, 2 feet. 1 Hydrangea Paniculata, Grd., 2 feet. 1 Lilac, purple, 2 to 3 feet. 1 Lilac, white, 2 to 3 feet. 1 Philadelphus, (Mock Orange) 2 to 3 ft. 1 Prunus Pissardi, 3 feet. 1 Prunus Triloba, 2 to 3 feet. 1 Snowberry, 3 feet. 1 Snowball, Japan, 2 feet. | <ul style="list-style-type: none"> 1 Snowball, old-fashioned, 2 to 3 feet. 1 Symphoricarpus Vulgaris, 3 feet. 3 Spiraeas, 3 kinds, 2 to 3 feet. 2 Syringas, 2 kinds, 2 to 3 feet. 1 Tamarix Indica, 3 feet. 2 Weigelias, 2 kinds, 2 feet. 1 Boston Ivy. 1 Clematis Jackmanni, 2 year. 1 Clematis Paniculata, 2 year. 1 Trumpet Creeper, 2 year. 1 Honeysuckle, 2 year. 1 Wistaria, 2 year. 1 Matrimony Vine, 2 year. |
|--|---|---|

YOUNG FRUIT TREES OF MAILING SIZE, ONE YEAR OLD

APPLE

Each 15c.; 10 for \$1.00, by mail postpaid. Per 100 by express, \$8.00.

- | | |
|--------------|-----------------------|
| Charlamof | Northwestern Greening |
| Salome | Duchess of Oldenburg |
| Jonathan | Northern Spy |
| Tolman Sweet | Wealthy |
| Waldbridge | Yellow Transparent |
| | Wolf River |

PLUM

Each 25c.; 5 for \$1.00 by mail postpaid. Per 100 by express \$15.00.

- | | | |
|-----------|---------|--------|
| Abundance | Burbank | DeSoto |
|-----------|---------|--------|

CHERRY

Each 30c.; 4 for \$1.00 by mail postpaid. Per 100 by express \$20.00.

- | | | |
|-----------------|-----------------|-----------|
| Black Tartarian | Campbell | Dye House |
| Early Richmond | Sweet Cherry | Wragg |
| | English Murello | |

CRAB APPLE

Each 15c.; 10 for \$1.00, by mail postpaid. Per 100 by express \$8.00.

- | | | |
|----------|--------------|---------|
| Siberian | Transcendent | Whitney |
|----------|--------------|---------|

PEACH

Each 15c.; 10 for \$1.00 by mail postpaid. Per 100 by express \$8.00.

- | | | | |
|--------|---------|---------|-----------|
| Crosby | Elberta | Triumph | Wonderful |
|--------|---------|---------|-----------|

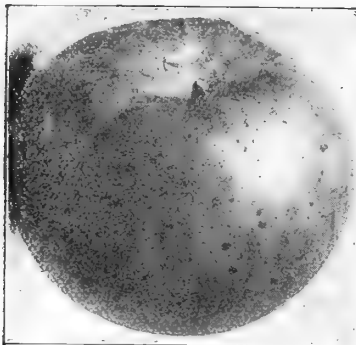
PEAR

Each 20c.; 10 for \$1.75 by mail postpaid. Per 100 by express \$12.00.

- | | | | |
|----------|------------------|---------|--------|
| Bartlett | Clapp's Favorite | Kieffer | Koonce |
|----------|------------------|---------|--------|

FRUIT TREES

Prices quoted are for shipment by express or freight at buyer's expense, except where otherwise noted. Send for our special Fruit and Shrub Catalogue.



BISMARK.



EARLY RICHMOND.

Dyehouse. Large, red, early.
Early Richmond. Dark red, juicy.
Price, except noted, trees 5 to 6 feet, each, 50c; 6 for \$2.50; 12 for \$4.50.

Special Offer No. 451. The set of 8 Cherries for \$2.50, by express at buyer's expense.

Peaches. **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.

Elberta. Large, yellow; one of the leading market varieties.
Crosby. One of the hardiest; abundant bearer, bright yellow. September. Trees, 5 to 7 feet, each, 25c; 5 for \$1.00; 12 for \$2.00.

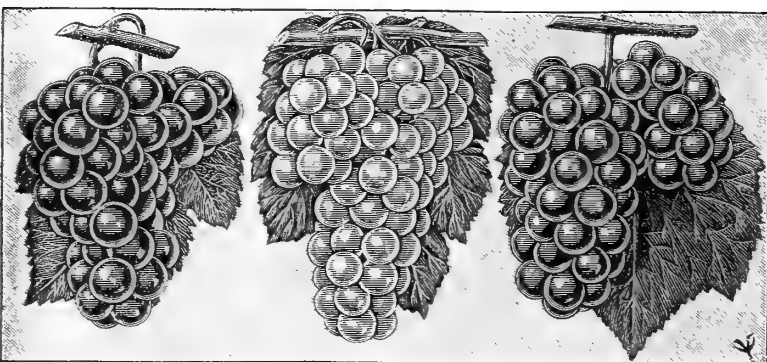
Mulberries. **New American.** Vigorous grower; very productive; the best variety for fruit; ripe from middle June to middle September. Trees 4 to 5 feet, each, 50c; 6 for \$2.50. 3 to 4 feet, each, 25c; 6 for \$1.25; 12 for \$2.00.

Russian. Very hardy, vigorous grower, fruit of small size, varies in color from white to black. Trees 3 to 4 feet each, 25c; 12 for \$2.50.

Teas' Weeping Mulberry. Trees 4 to 5 feet high, 2 year, grafted tops, each, \$2.50; 2 for \$4.50, by express only.

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 feet trees, each, 50c; doz., \$5.00.

Walnut. **Japan.** Perfectly hardy, rapid grower, bears young and abundantly; worthy of extensive planting. 3 to 4 feet, each, 25c; 5 for \$1.00.



Campbell's Early Grape.

The King of American Grapes.

This is confidently believed to be a grape in all respects better adapted to general use in all sections suited to our native varieties than any other which has yet been grown and tested. Berries large, nearly round, often an inch or more in diameter; black, with light purple bloom; skin thin; flavor rich and sweet. 2-year-old vines, each, 35c.; doz., \$3.00, by express.

Apples. **Bismark.** A dwarf-growing, early-bearing German apple. Two-year-old trees seldom fail to produce fruit. Of short and stocky growth and largely grown in pots for decorative purposes. Fruit golden yellow. 3 to 4 feet trees, each, 50c; 6 for \$2.50.
Charlamof. One of the hardiest and best. Better than Duchesse.
Duchess of Oldenburg. Yellow and red, juicy. Autumn.
Jonathan. Medium, red; extra quality.
Northern Spy. Large, striped, sub-acid; winter.
Northwestern Greening. Hardy, yellow, rich and good keeper.
Salome. Medium and uniform size, good quality long keeper
Tolman Sweet. Medium, yellow and red, rich; winter.
Walbridge. Handsome striped red, medium.
Wealthy. Large, red, sub-acid, productive; winter.
Wolf River. Large, yellow striped and shaded red, juicy; winter.
Yellow Transparent. Earliest and best, white, tender and juicy, sub-acid; late summer. Each, 20c; 12 for \$2.00.

Special Offer No. 444. The set of 12 Apples for \$3.00, by express at buyer's expense.

Crab Apples. **Hyslop.** Large, deep crimson; one of the best; October.

Siberian. Large, golden yellow; September.
Whitney. One of the largest, green splashed carmine. August.
Transcendant. Immensely productive, one of the most popular. September and October. Price, 5 to 7 feet trees, each, 35c; 3 for \$1.00.

Special Offer No. 445. The four Crab Apples for \$1.25, by express at buyer's expense.

Cherries. **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.

Black Tartarian. Large, black; last of June.

Campbell. Large, red, sour.
English Morello. Blackish red, late.
Sweet Cherry. Firm and juicy.

Wragg. Dark purple; July.

Pears. **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 with the earliest, which makes it the leading early market variety.

Bartlett. The most popular Summer Pear; large fruit of musky melting flavor. The tree is a vigorous grower, an early and abundant bearer.

Clapp's Favorite. Very large, yellow and dull red; very fine. August.

Kieffer. One of the very best; extra large; exceedingly profitable. October

Flemish Beauty. Large, juicy, rich; one of the hardiest.

Price, 5 to 7 feet trees, each, 35c.; 3 for \$1.00; doz., \$3.50.

Special Offer No. 449. The set of 5 Pears for \$1.45, by express at buyer's expense.

Plums.

Abundance. This is the plum for you, if you try but one. Lemon yellow ground, nearly overspread with cherry; flesh yellow, rich and perfumed.

Apple. Named because of its close resemblance to an apple. Fruit large, deep purple; bears abundance of fruit in September.

Burbank. The best and most profitable among growers for market; ripens ten to fourteen days after Abundance. Tree hardy, sprawling, vigorous grower, unequaled in productiveness; bears young; fruit large, excellent quality, cherry red with lilac bloom. August.

De Soto. Very hardy, bright red.

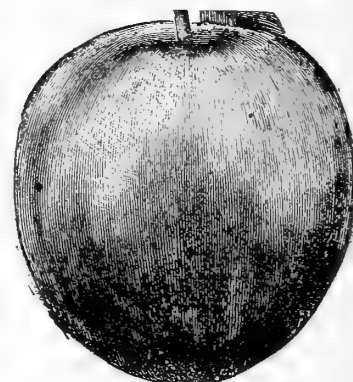
Wolf. Very popular variety; large size, immensely productive. August.

Price, 5 to 7 ft. trees, each, 35c.; 3 for \$1.00; doz., \$3.50.

Special Offer No. 450. The set of five Plums for \$1.25, by express at buyer's expense.



KIEFFER.



ABUNDANCE PLUM.

Grapes.

Brighton. Dark red, bunches large; berry medium size, skin thin, flesh tender, quality the best. Must be grown with other sorts, as it does not pollinize itself.

Concord. Well known, reliable.

Delaware. Bunches small, compact shouldered; berries small round; skin thin, light red; flesh very juicy.

Niagara. Vine hardy; unusually strong grower, bushes large and compact; berries 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, postpaid, 1-year-old, each, 15c.; any 3 for 30c.; 12 for 75c.; 2-year-old, each, 20c.; any 3 for 50c.; 12 for \$1.50; 100 for \$10.00, by express. Extra heavy grade, 3-year-old vines, by express, each, 30c.; 3 for 75c.; 12 for \$2.50.

Special Offer No. 446. The set of 6 grapes, 1-year-old size, for 75c., postpaid.

Special Offer No. 447. The set of 6 grapes, 2-year-old size, for \$1.25, prepaid.

Special Offer No. 448. The set of 6 grapes, 3-year-old size, for \$1.75, by express, at buyer's expense. Includes the new Campbell grape.

BELLEFONTAINE CEMETERY, ST. LOUIS.—The entire purchase from you last season was highly satisfactory.

HOLBROOK, NEB.—I received the seeds and currant bushes and I was very pleased with them.
FRANK HOTCHKISS, Gen'l Supt.
MRS. E. ERICKSON.

Select Small Fruits

Blackberries.

Plant in Rows 8x4 feet. If to go by mail, add 35c. per 100 for postage.

ELDORADO. Of largest size and best quality, and having so little core that it cannot be noticed in the eating. It far surpasses any blackberry on the list today. Each, 10c.; doz., 75c.; 50 for \$2.00.

SNYDER. The old reliable; fruit rich and melting; no core; very hardy. Per doz., 60c.; per 100, \$3.00.

STONE'S HARDY. Best variety for the North; fruit rich and melting. Per doz., 60c.; per 100, \$2.50.



BLACKBERRY ELDORADO.

Currants.

Add 25c. per dozen for postage on 2 year plant prices if to go by mail.

FAY'S PROLIFIC. The leading red market variety.

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. It is of large size. 1 year, each, 10c.; doz., \$1.00. 2 years, each, 20c.; doz., \$1.50; per 100, \$8.00, by express.

RED DUTCH. The old well known red currant.

THE NEW "MARVIN CRYSTAL" CURRANT. Truly giant bunches, borne in great profusion. It is wonderfully prolific, bearing nearly two to one compared with the well known Cherry Currant. The berries are white and as large as small grapes. In flavor it is mild and free from the sharp sourness of the red varieties. Price, 2 year old plants, each, 15c.; 3 for 40c.; per 100, \$8.00, prepaid. Price, 1 year old plants, each, 10c.; 3 for 25c.; per 100, \$4.00, prepaid.

WHITE DUTCH. The well known white currant.

VICTORIA BLACK. We believe it to be the finest and largest Black Currant up to date; splendid for jellies, preserves, etc. Price, each, 15c.; 6 for 70c.; 12 for \$1.25.

BLACK CHAMPION. One of the best Black Currants.

Price of above, except where otherwise noted. 1 year old, each, 10c.; doz., \$1.00; per 100, \$5.00, by express. 2 years old, each, 15c.; doz., \$1.25; per 100, \$7.00, by express.

Perfection Currant, New.

A wonderful fruit, remarkable for size, quality and color. A cross of Fay's Prolific and White Grape. Originated by Charles G. Hooker. As productive as the White, size and color of the red. Received the famous Barry Gold Medal in 1901, as the first fruit worthy of that great prize in recent years, also gold medal at the Buffalo Exposition and St. Louis World's Fair. It is sweeter than the Fay and grows in very long clusters. Pronounced positively the finest table Currant ever raised. 1 year old plants, each, 50c.; per dozen, \$5.00.

Gooseberries.

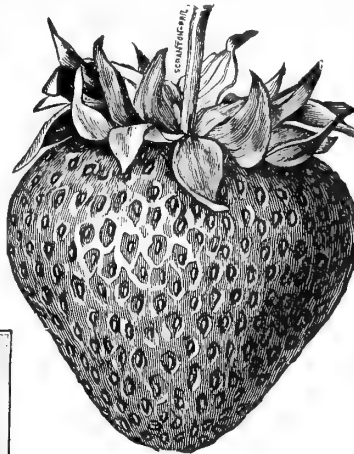
DOWNING. Largest of our native Gooseberries; pale green; very sweet. 1 year plant, each, 15c.; dozen, \$1.00; postpaid, per 100, by express, \$6.00. 2 year old, each, 15c.; dozen, \$1.25; per 100, \$8.00, all by express.

HOUGHTON. Well known, medium size, pale red, very productive. Price same as Downing offered above.

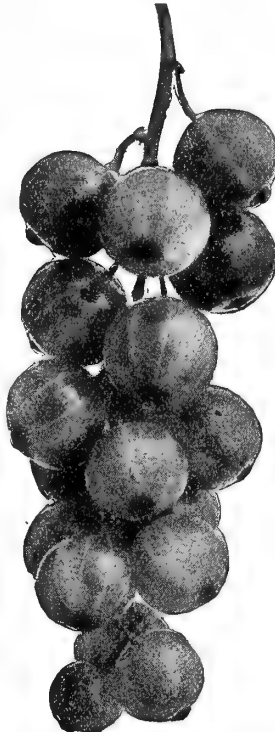
INDUSTRY. It is one of the heaviest croppers. The fruit is of largest size, very early and very sweet. 1 year plants, each, 15c.; 6 for 65c., postpaid; 12 for \$1.00; 25 for \$2.00; 100 for \$7.00, all by express. 2 year old, each 20c.; dozen, \$1.50; 25 for \$3.00, all by express.

NEW GOOSEBERRY, KEEPSAKE. A very large, straw-colored variety of the finest quality and largest size. An excellent shipper; its abundant foliage protects the fruit. 2 year plants, by express, each, 30c.; 6 for \$1.50; 12 for \$2.00; 25 for \$3.00.

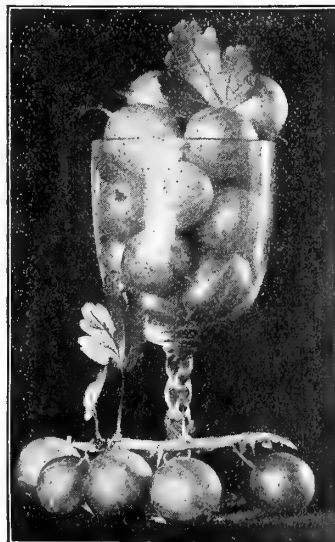
NEW GOOSEBERRY, RED JACKET. It is the best Red Gooseberry in existence; has good foliage; mildew proof; yields well. The berry is as large as Keepsake; smooth, bright red color and of excellent quality. 2 year plants, by express, each, 20c.; 6 for \$1.00; 12 for \$1.50; 25 for \$3.00.



SENATOR DUNLAP STRAWBERRY.



THE PERFECTION CURRANT.



GOOSEBERRY KEEPSAKE.

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. Price, except where noted, 1,000, \$5.00, by express; 100, \$1.00; dozen, 25c., postpaid.

THE VICTOR. The Newest Strawberry. One of the most meritorious novelties. Fruit very large, roundish, conical shaped, of a rich dark glossy red. The flesh is firm, of the same color and of delicious flavor. It is a vigorous grower and very productive. Season medium to late. Dozen, \$1.00; per 100, \$5.00.

THE NEW STRAWBERRY, SENATOR DUNLAP. Exceedingly vigorous. Fruit large, regular and attractive in form, deep red without and within, firm in substance and excellent in quality. The season is among the earliest and it continues productive nearly a month.

"ROUGH RIDER." Enormously productive, hardy and free from disease. Berries very large; roundish but elongated. Color, dark red like Gandy. The latest and firmest Strawberry in existence. Its blossom is perfect. Price of extra strong plants, doz., 50c.; 100, \$1.50, postpaid. Per 1,000, \$10.00, by express.

BRANDYWINE. Berries large; ripen late. One of, if not the best, well tested large varieties for both home and market use.

GANDY. The best late variety in cultivation. Berries large, of fine form and excellent quality; flesh firm; a good shipper.

JOHNSON'S EARLY. An early desirable variety for market or house, very prolific and healthy grower, fruit large of good form and color, and of good flavor.

KITTY RICE. (P) One of the most reliable varieties and most beautiful Berry ever introduced. Fine for exhibition, market or home use. Vigorous healthy grower and a great producer. Fruit very attractive, of a beautiful glossy red. Medium in season and requires protection in winter.

PARSON'S BEAUTY. A luxuriant grower and free bearer, fruit large conical shape and of a little tart flavor. One of the best for canning.

SAMPLE. A great bearer with large roundish Berries of firm flesh, of good red color and good quality. Healthy and very prolific grower.

WONDER. One of the most profitable kinds for market use. A great bearer from beginning of June till well into July. Very large and perfect berries.

SPECIAL OFFER, No. 439.

A STRAWBERRY COLLECTION. 100 fine healthy plants, in four good sorts, our choice, prepaid, 80c.

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 everbearing 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 has very small seeds.

THE KANSAS. The best of all Black Caps. Ripens with or just after Souhegan; berries large or larger than the Gregg; jet black, firm, handsome and of the best quality; very vigorous growth; exceedingly productive.

SHAFER'S COLOSSAL. Truly colossal, plant and fruit, and ironclad in hardness; 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 50c.; 100 for \$2.00.

BUBACH'S No. 5. (P) Fruit large; very prolific; popular in the Chicago market.

Foreign Grape.

Black Hamburg. For conservatory planting.



THE LOUDON RASPBERRY.

This is the standard hot house grape which grows most extensively in this country - a private conservatory.

The berries are large and even of a globular shape and of a deep blue black color and of excellent flavor. The bunches of fruit weighing often 3 to 5 pounds.

This variety is a robust grower and much more resistant against insect attack than most other sorts. We offer large pot grown plants with canes 5 ft. long. Price, each, \$1.50; 6 for \$8.00; 12 for \$15.00, all by express at buyer's expense.

VAUGHAN'S FARM SEED DEPARTMENT

Forage Crops are the Cheapest and Best Fertilizers. SOIL RENEWERS.

THE value of forage crops both Leguminous and otherwise as soil enrichers and improvers is being better understood each year. The deep roots of these plants bring from the subsoil plant foods otherwise not available. Leguminous plants supply by aid of the bacteria on their roots nitrogen, that most expensive of all fertilizers, at the same time giving a paying crop. Not the least of the benefits derived is the improved physical condition of the soil by loosening soil particles and the addition of humus. Our farm seeds are all the best quality as regards purity and germination. On nearly all these seeds the market value is changing constantly. When quantities are desired write for latest prices.



See the Stored Nitrogen in the Knots on these Clover Roots.

NITRO GERMS for inoculating the soil to increase the yield and enrich the ground. This wonderful discovery is of the greatest interest to all planters. Write us for Nitro-Germ Pamphlet.

SEED BARLEY.

SUCCESS. A NEW CLUB OR BEARDLESS BARLEY. A new and distinct variety, the earliest Barley known, being fully a week or ten days earlier than any other Barley. Height same as common Barley, but better straw and will stand upon any land. A good yielder, six rowed. Ripens early, thus admitting of a second crop. Price, lb., 20c.; 3 lbs., 55c., postpaid. Pk., 35c.; bu., \$1.35; 10 bu., \$12.00, bags free, by freight or express. Large sample Packet mailed for 10c. in stamps. If shipped from New York, add 15c. per bushel.

WHITE HULLLESS. A grand Barley for stock feeding. Plump, heavy kernels, which, when threshed, are hullless like wheat kernels. Early, prolific, well-filled heads. Price, lb., 25c.; 3 lbs., 65c., postpaid. By freight, pk., 60c.; bu., \$2.00. If shipped from New York, add 15c. per bushel.

MANSHURY. A standard variety, six row. Price, lb., 25c., postpaid. Express or freight, pk., 40c.; bu., \$1.35. If shipped from New York add 15c. per bushel.

AUSTRALIAN SALT BUSH. A Forage Plant for arid or alkali lands. It is of creeping habit; spreads to cover a space of 12 to 16 feet in a season; free foliage growth; is eaten early by all stock. After three crops have been grown on alkali land the soil will produce all other crops. One pound of seed will plant an acre. The seed can be sown in the garden bed and transplanted when two inches high, seven feet apart. When sowing broadcast, mix 1 lb. with 10 lbs. of plaster ashes or dry loam to secure even distribution. Price, ¼ oz., 10c.; 1 oz., 20c.; ¼ lb. (for quarter acre), 50c.; 1 lb., \$1.40, prepaid.

NEW VELVET BEAN.

This very prolific, strong growing forage is from the South, where it is increasing in popularity yearly, the plant belonging to the Soja and Cow Pea Class. Both vines and pods are much relished by all stock. The vine has an extremely rampant growth, growing often 12 feet. It is a Legume and a valuable soil-enricher. The vines should be allowed to die down, as the network of strong vines make them very hard to plow under. It is a crop that is certainly bound to become popular. Price, 3 oz. pkt., 10c.; ½ lb., 20c.; lb., 30c., postpaid. By freight or express, ½ pk., 50c.; pk., 85c.; bu., \$3.00. Bags included.

SOJA BEANS. These beans rank right next to Cow Peas and Red Clover, for sowing as a fertilizing crop. Their roots find and store the nitrogen. It is a splendid green fodder; will produce 25 bushels of beans per acre. Roasted and coarsely ground it is a coffee substitute. Sow broadcast ½ bushel per acre, or in drills 3¼ feet apart by 18 inches, 3 in a hill. Price, 3 oz. pkt., 10c.; ½ lb., 20c.; 1 lb., 30c., postpaid. By express or by freight, ½ pk., 40c.; pk., 75c.; bu., \$2.50, bags included.

GIANT BEGGAR WEED (Florida Forage Plant). Has rather an upright growth of 4 to 7 feet. Belongs to the order of Pea Plants, and produces much nitrogen on the roots. It is a great enricher of light sandy soils by plowing the crop under. It makes a first class hay—as good as Alfalfa. Sow 10 lbs. clean seed to an acre when soil is warm and moist; cover seed very lightly. For hay, cut when first blooms. Price per pkt., 10c.; ½ lb., 25c.; 1 lb., 45c., prepaid. By express or by freight, 5 lbs., \$1.35; 10 lbs., \$2.50.

BUCKWHEAT.

JAPANESE. This variety of Buckwheat ripens a week earlier than Silver Hull and yields better. Price, lb., 20c.; 3 lbs., 50c., postpaid. By express or freight, pk., 50c.; bu., (48 lbs.) \$1.60; bags 20c. each.

SILVER HULL. A prolific and favorite sort, making a fine quality flour. A superior variety in every way to the old type of Buckwheat. Prices same as above.

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., 65c.
- 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, Re-cleaned. Per lb., 6c.; 10 lbs., 50c.
- MOCKING BIRD FOOD. Per lb., 10c.; 5 lbs., 35c.
- RAPE. Per lb., 10c.; 5 lbs., 30c.; 10 lbs., 55c.
- SUNFLOWER. Per lb., 10c.; 5 lbs., 40c.; 10 lbs., 70c.



BERSEEM CLOVER.



SOJA BEAN.



COW PEAS.

COW PEAS. The Great Soil Improver.

MAKE POOR LAND RICH, MAKE GOOD LAND MORE PRODUCTIVE, ENRICHING THE SOIL EVEN AFTER CROP IS CUT.

Green crops plowed under are one of the best and cheapest way of improving the soil. For this purpose the Cow Pea is excellent, especially for medium or light soil. They should be sown in May or June, at the rate of 1½ bushels to the acre, and plowed under as soon as they have attained their full growth. While this crop is very largely grown wherever known, with the results obtained from it, the wonder is that it is not grown ten times as much as at present. There is no surer or cheaper means of improving poor soil than by sowing Cow Peas. In its capacity as a nitrogen gatherer its growth largely enables the farmer to dispense with the use of nitrogen or ammoniated fertilizers. Nitrogen or ammonia in commercial fertilizers is valued at 15 cents per pound. The Cow Pea, to a greater extent than any other leguminous crop, with possibly the exception of the New Velvet Bean, described alongside, has the power to extract this costly nitrogen or ammonia from the atmosphere.

Cow Peas for Hay. If planted early, say the middle of May, in the central corn belt section, a crop can be cut and cured for hay the same as clover, then the stubble in a short time will put out a new growth to be turned under in the fall as a fertilizer.

The best varieties for all purposes are the following. Prices variable with the market.
Southern Blackeye. Each, pkt., 10c.; pt., 20c.; qt., 35c., postpaid. Pk., 75c.; bu., \$2.75, by freight or express.
Whip-poor-will. Pk., 60c.; bu., \$2.00.
Mixed. Pk., 55c.; bu., \$2.00.
 Prices by letter on larger lots.

EGYPTIAN CLOVER—BERSEEM. This is an Annual Clover, and also a Winter Clover for warm countries where irrigation is practiced. Under such conditions it grows with remarkable rapidity, outgrowing most weeds, and yielding one of the most nutritious and palatable fodders known. It resembles Alfalfa. The flower heads are white, but in form like Red Clover. The stalks are very succulent and the whole plant more delicate than either Clover or Alfalfa, and is eaten by domestic animals with great relish. The root system of Berseem is remarkable for its abundant nodules or knots, full of nitrogen. It is not suited to cultivation on dry soils. The special value of this crop is its use as a green fodder, having the most marvelous fattening and conditioning properties. Its ability to run out weeds is greatly in its favor. It is wonderful as a food for milch cows. It is also valuable as a hay crop. For spring forage in the northwest, planted after the frosts are over, in the moist climates of Washington and Oregon, it should rotate with wheat. Its roots greatly increase the fertility of the soil. Sow 15 to 20 lbs. per acre, with drill; if broadcast, about three pecks. Lb., 55c.; ¼ lb., 15c. postpaid. By freight or express, 1 lb., 45c.; 10 lbs. \$4.00; 100 lbs., \$35.00.

BROOM CORN, IMPROVED EVERGREEN. The best variety for general cultivation on account of color and quality of brush. Ripens very early; grows 8 to 10 feet high; brush of good length, fine and straight and always of green appearance when ripe, and will not get red in the field before it is cut. Sow 3 lbs. to acre. Price, lb., 20c.; postpaid. By express, 10 lbs., 45c.; 50 lbs., \$1.75; 100 lbs., \$3.00. If shipped from New York, add 30c. per 100 lbs.

BROOM CORN, JAPANESE. An extra early variety; matures in about 75 days when planted late. Can be planted after wheat with good success. The brush is fine and long, without center stalk. Lb., 25c., postpaid. 10 lbs., 65c.; 50 lbs., \$2.50; 100 lbs., \$4.50. If shipped from New York, add 30c. per 100 lbs.

CHUFAS 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., \$1.75; 100 lbs., \$16.00.

COTTON, SEA ISLAND. This variety is grown almost exclusively by the planters in the neighborhood of Charleston, S. C. It produces the finest quality of lint of any American sort in cultivation. 25 lbs. to the acre. Per lb., 15c.; per 100 lbs., \$7.00. If by mail add 8c. for postage.

TO BE ISSUED in April by The Review of Reviews Book Company, will prove a right assistant to the amateur gardener. The magazine will be richly illustrated, wide in scope and attractive in design—the most beautiful and useful magazine for those who love the country. The departments, Trees and Shrubs, and Garden and Orchard, are in the hands not only of experts, but of experts who are also practical gardeners. Each month will be given clear definite information as to just what work should be done about the home gardens; in the orchard; the kitchen garden and flower garden; just what should be done and just how it should be done. Questions cheerfully answered. 25c. a copy; \$3.00 a year. Subscriptions now received by VAUGHAN'S SEED STORE, CHICAGO AND NEW YORK.

The Country Calendar



SEED OATS, FARM and FORAGE CROPS

THE LINCOLN OAT.

Introduced a few years since from Minnesota, it has proven of excellent value and made a place for itself as a standard kind of real merit. The following are a few points of its excellence: It is very productive, having in all instances yielded more to the acre than any other sort grown in the same locality; in one case it yielded 174 bushels from a single bushel of seed. It is very early, and has thus far proved itself rustproof. It stands up better than any other sort; it is best for seeding on account of its thin hull, heavy meat and soft nib. It is the best for oatmeal and grinding for the same reason. Price: **Lb., 15c.; 3 lbs., 40c., postpaid. Pk., 25c.; bu., 80c.; 10 bu., \$7.50;** by freight or express burlap bags 10c each extra; grain bags 20c.

Black Tartarian. Grown in Canada. The darkest of the black oats. Hardy, good grower, heavy and prolific, valuable to the American farmer for a change of seed. Price, **pk., 35c.; bu., \$1.25; 2½ bu., \$3.00.** bags included.

Recleaned Fancy Oats grown for seed purposes. Sow 2 bushel per acre.

MILLETS.

If shipped from New York, add at the rate of 50c per 100 lbs., to the prices on this page.

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 bu., to the acre. Values constantly changing. Write for prices. **Bushel, \$1.10; 100 lbs., \$2.00; bags 20c. each extra.**

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., 40 lbs. sow ½ bu. to the acre. Subject to market changes. Write for latest prices. **Bu., \$1.10; 100 lbs., \$2.00.**

Japanese Millet. Entirely distinct from any other Millet. It grows 6 to 8 feet high, stands remarkably well notwithstanding its great height, and yields from 10 to 12 tons green fodder per acre. When cured it makes an excellent quality of hay, and is also much relished as green fodder. If to be made into hay, 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 hoed between the rows to keep down all weeds until the plant attains a height of 12 to 18 inches, when its rapid growth will smother all weeds. **Lb., 20c., postpaid. By freight or express, 10 lbs., 65c.; bu., \$2.25; 100 lbs., \$4.00.**

Pearl or Cat-Tail Millet. No other plant makes so much forage as this. Seven cuttings can be had from one planting in one season in the South. Total of three cuttings green forage per acre at Georgia Experiment Station, 52,416 lbs. Stools at ground; thick foliage; heads not eaten. This is by far the most popular of all green eaten Millet. **Oz., 5c.; ¼ lb., 10c.; lb., 25c., postpaid. By express, lb., 15c.; 10 lbs., \$1.25; 100 lbs., \$11.00.**

Siberian or Russian Millet. Is earlier than German, extremely hardy and will stand more hot, dry weather than any variety of Millet. It makes a very rank growth, with an abundance of leaves, which start from the ground. Sow in April, May or June at the rate of ¼ bushel to ½ bushel per acre, according to soil. **Lb., 10c.; 10 lbs., 45c.; bu., \$1.25; 100 lbs., \$2.25.** If by mail add 8c. lb.

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 before the middle of October. Sow in rows 3 feet apart; 3 to 6 lbs. of seed to the acre. We supply two colors of Corn—White and red. Price of each, per pkt., 5c.; lb., 15 c.; 3 lbs., 40c., postpaid; 10 lbs., 45c.; 50 lbs., \$1.75; 100 lbs., \$3.00, not prepaid.

Jerusalem Corn. A non-saccharine sorghum. A valuable forage plant for dry soils and seasons. Grows about 3 feet high; makes one large head on main shoot and several small heads on side shoots. Sow 3 to 5 lbs. per acre. Price, **10 lbs., 80c; 50 lbs., \$3.00; 100 lbs., \$5.00, not prepaid.**

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 fiber. **Pk., 50c.; bu., \$1.80,** by freight or express. Price variable.

Vaughan's Ears of Seed Corn are offered on pages 39 and 40. Every farmer should try at least one of these pedigreed kinds. They make up a collection which covers the corn belts of the country from North to South, and includes the best yellow as well as the best white varieties, both early and late. We were specialists in supplying "Ear Corn for Seed" when some of the self-styled "Seed Corn Breeders" were still in swaddling clothes.

SWEDISH OATS.

Imported from Sweden and grown in Minnesota. From its northern origin it is very early, strong stalk and very hardy in the face of the early spring storms. Average weight per bushel exceeds that of other well known kinds. Price, **lb., 15c.; 3 lbs., 35c., postpaid; by freight or express, pk., 30c.; bu., 90c.; 10 bu., \$8.25;** burlap bags., 10c; grain bags, 20c.

Winter Turf Oats. Valuable for Winter grazing and for grain in the South. Their turfing and stooling qualities are remarkable, and when thinly sown under anything like favorable conditions they soon spread and cover the ground with a thick, heavy growth. Sow at the rate of 1½ to 2 bushels to the acre. Price, **lb., 25c; 3 lbs., 60c., postpaid. Express or freight, pk., 40c.; bu., \$1.00; 2 bu., \$1.80.** Grain bags, each, 20 cents.

Seeds on this page except otherwise noted are 30c. per 100 lbs., 15c per bushel higher at our New York Store than here quoted.

CANADIAN FIELD PEAS.

Valuable for Northern climates for cattle feeding, especially for milch cows. It also makes fine ensilage. It is sown broadcast in Spring and harrowed in at the rate of 2 bushels per acre or 1 bushel if sown with oats. Price variable, about **\$1.75 per bushel** at Chicago.

PEANUTS.

Mammoth Virginia. The Mammoth Virginia Peanut is the most profitable variety to grow, and is more desirable than the common spreading kind, because more easily cultivated; very erect stems and upright foliage and the largest pods and kernels of any variety; also fewer imperfect pods. The vines make valuable forage. **Pkt., 10c.; ¼ lb., 20c.; lb., 30c., postpaid. By freight or express, 1 lb., 20c.; 5 lbs., 90c.**

Spanish. The earliest variety grown; pods are small, but remarkably solid and well filled, and the yield per acre very large; can be cultivated with the plow. Because of their early habit and easy cultivation it is the best variety to grow for fattening hogs. **Pkt., 10c.; ¼ lb., 12c.; lb., 30c., postpaid. By freight or express, lb., 20c.; 5 lbs., 90c.**

PENCILLARIA ZEAOIDES.

Mand's Wonder Forage Plant. A native of Central America, An annual plant, with long, broad foliage. Will attain a height of from 10 to 12 feet, with heads 18 inches long and 1 inch in diameter, completely covered with thousands of seeds, much relished by poultry. It suckers freely and if cut as soon as it reaches the height of 2 or 3 feet, it can be mowed four times, and yields several tons of dry hay per acre. If allowed to grow 6 or 7 feet high, and cut when the flower heads begin to develop, it will yield the heaviest fodder crop per acre of any plant now in cultivation. It is equal to any fodder, and is relished by all kinds of stock, either green or dry. Full cultural instructions on each package. Price, **pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c., postpaid. By express, lb., 40c.; 10 lbs., \$3.50.**

THOUSAND-HEADED KALE.

Thousand-Headed Kale is now being grown in larger quantities than Rape in England. The seed can be sown early in April or any time thereafter until midsummer. The plants grow to a height of 3 to 4 feet, and gets its name from the many whorls of leaves on it. It is greatly relished by hogs, cattle and sheep. The plant is not affected by drought and flourishes in all kinds of soil. In England this seed is being sown broadcast on pastures with grass seeds, 1 pound of seed per acre; if sown alone 3 pounds. Price, **per large pkg., 10c.; ¼ lb., 20c., lb., 60c., postpaid. By freight or express, 5 lbs., \$2.00; 10 lbs., \$3.75.**

Lupins, Yellow. Succeeds well in the poorest soil, and is exceedingly valuable for plowing in 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 the ground has become warm, at the rate of 90 pounds to the acre **Lb., 25c., postpaid. By freight or express, 10 lbs., \$1.25; 25 lbs., \$2.35; 100 lbs., \$9.75.**

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, leaving one or two plants every 12 inches in the row, and cultivate as corn; 3 to 5 lbs per acre.

White or Yellow. **Lb., 20c., postpaid. By freight or express, 10 lbs., 75c.; 50 lbs., \$3.00; 100 lbs., \$5.50.**

Lathyrus Sylvesteris. (Flat Pea). A perennial forage plant; it grows well on unimproved sandy soil; yields superior forage for all farm stock and excellent as a fertilizer. **Oz., 15c.; ¼ lb., 40c.; lb., \$1.35, postpaid.**

Lentils. A leguminous annual. Succeeds best in dry, sandy soil. Splendid pigeon food and also used extensively for soups. **Lb., 25c., postpaid.**

Fenugreek. Annual. The seed is often sought by hostlers to give a temporary fire and vigor to their horses. **Oz., 10c.; lb., 40c., postpaid.**

Seed Potatoes Our Seed Potatoes have been grown for us for over 25 years by Potato growers on Potato land in Upper Michigan, Minnesota and Dakota. We have them every year and this year. We can supply hundreds of testimonials on the value of this select hand picked true to name stock. No Commission House Seed.



LINCOLN OATS.



PEARL MILLET.



SPANISH PEANUTS.

FARM SEEDS and FORAGE CROPS—CONTINUED.

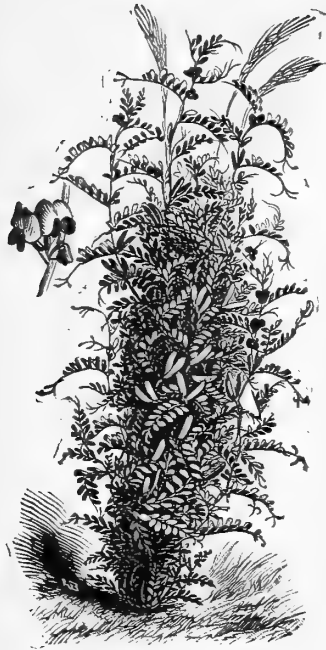
See what we say on top of page 108.

SAND, HAIRY, or WINTER VETCH.

(*Vicia Villosa*.) It is the earliest crop for cutting, being nearly a month earlier than Scarlet Clover, and a full crop can be taken off the land in time for planting Spring crops. Being much harder than Scarlet Clover, this is the Forage Plant to sow in the Northern States where Scarlet Clover winter kills, though it is equally valuable in the South. Every dairyman and stock-breeder in the United States should have a field of it, and if you try it once you will never be a season without it.

It will also prove valuable for a hay crop in the South and dry Western regions, as it may be sown in the Fall and will make a luxuriant growth during the Fall and Spring months, and will yield a heavy crop, which may be cut and stored before the droughts set in. It is perfectly hardy throughout the United States, remaining green all Winter, and should be sown during August and September mixed with rye, which serves as a support for the plants, or in Spring with oats or barley.

Sow 1 bushel per acre, with 1/2 bushel of rye or wheat. Price, lb., 15c.; bu. (60 lbs.), \$6.25; 100 lbs., \$10.00. If by mail, add 8c. per lb.



WINTER VETCH.

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., \$5.00.

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., 70c.; 10 lbs., \$1.30.

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 1/2 acre on a little more than \$1.00 invested for seed, and the animals will like you for it. Decide now. Sow 60 lbs. to the acre. 1/4 lb., 10c.; 1 lb., 20c., postpaid. By freight or express 10 lbs., 50c.; 50 lbs., \$2.00; 100 lbs., \$3.50.



VAUGHAN'S EARLY AMBER CANE

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 of oil. Oz., 5c.; lb., 10c. (postpaid, 20c.); 10 lbs., 70c.; 25 lbs., \$1.60; 100 lbs., \$6.00.

TEOSINTE (Reana Luxurians).

A grand forage plant for the Southwestern States, growing 12 feet high; very thickly covered with leaves, yielding such an abundance of forage that one plant is considered to be sufficient to feed a pair of cattle for 24 hours. Not recommended for the Northwest. Price, pkt., 5c.; oz., 10c.; 1/4 lb., 30c.; lb., \$1.00. postpaid.

DWARF ESSEX RAPE.

Our own importation. Think of it—costs only 38c. to seed an acre.

Dwarf Essex Rape is easily grown and perfectly hardy, and possesses remarkable fattening properties. One acre will pasture 36 head 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. From 1/2 acre there were cut 9 3/4 tons of green Rape, or it yielded at the rate of 19 tons per acre. 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.; 1/4 lb., 15c.; lb., 28c., postpaid. By freight or express, 10 lbs., 70c.; 25 lbs., \$1.45; 50 lbs., \$2.70; 100 lbs., \$5.00. Be sure and get the genuine. Bags, 20c. each for 50-lb. lots and over. Subject to market changes.



DWARF ESSEX RAPE.

SPRING VETCH or TARES.

(*Vicia Sativa*.) Sown broadcast at rate of 1 to 1 1/2 bushels to the acre, like wheat or barley, and sometimes mixed with oats for soiling. 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. Per qt., 20c.; pk., 85c.; bu., \$3.00. Bags 20c. each.

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, being hardy, and will produce a fair crop under almost any condition of climate, but grows best in dry prairie regions with hot summers, giving excellent results. Thrives on poor land in 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. It will undoubtedly become a regular and valuable crop for stock feed. Drill the seed in, 1 1/2 to 3 bushels per acre; sow very early. Price, lb., 20c.; 3 lbs., 50c., postpaid. 50 lbs., \$1.15; 100 lbs., \$2.00, by freight at buyer's expense.

WHEAT—SPRING.

Subject to market fluctuations. Write for latest prices. If shipped from New York, add 20c. per bushel.

Blue Stem. Grown from selected stock. Price, pk., 50c.; bu., \$1.75; 5 bu., \$8.00.
Saskatchewan Fife. Hardy, red variety; noted for its productiveness. Price, pk., 50c.; bu., \$1.75; 5 bu., \$8.00.
Macaroni Wheat. Selected stock. Price, pk., 50c.; bu., \$1.85. Bags 20c. each.
Subject to market changes. Write for latest prices.

WILD RICE (Zizania Aquatica).

A native plant, furnishing food for wild fowl, ducks, geese, etc., also valuable as a forage plant for swamps and inundated lands, as it grows rapidly, and all stock are fond of it when green or cured for fodder. It attracts all wild birds from September on, and also purifies the water and affords a refuge for the small fry from the large fish. To sow: "Put the seed in coarse linen or cotton bags, and sink in water for 24 hours. Sow in water which is from 6 inches to 5 feet deep, in soft mud bottom, and in places where there are but few weeds. It is useless sowing this seed except on a mud bottom, or on low marshy places which are covered with water the year round. In running water sow as much out of the current as possible." Lb., 35c.; 3 lbs., \$1.00, postpaid. Lb., 25c.; 10 lbs., \$1.80; 100 lbs., \$15.00, by express.

FARM BOOKS, By Mail, Postpaid.

See also List of Rural Books, page 125.

- Farm Appliances. Illustrated. Very valuable.....\$1.00
- Farm Drainage. French's. Cloth..... 1.50
- Farm Gardening and Seed Growing. Brill. Cloth..... 1.00
- Fertility, The, of the Land. By I. S. Roberts. Cloth; 415 pages..... 1.25
- Fertilizers. By Prof. E. B. Voorhees. Cloth; 335 pages..... 1.00

FARM SEED PRICES.

PLEASE NOTE that the prices given on all Farm Seeds by the half peck, peck, half bushel and bushel are NET, F. O. B., either at Chicago or New York, unless otherwise noted, the purchaser paying all transportation charges. We make no charge for bags or cartage except where noted. Write for SPECIAL PRICES on large quantities.

Root Crops for Stock

ROOTS have an average stock-feeding value by weight compared with hay of one to three, 300 lbs. of roots equalling 100 lbs. of hay. Think of it, 15 to 35 tons of roots can be grown per acre, and this means a feeding value equal to 5 to 10 tons of hay. They have more than the feeding value, they are a fresh and very healthy food like grass. Read what we say of each kind, compiled from best scientific authority. The feeding of these crops on the farm means a great increase in the manure pile and so a great increase of crops. Root culture means good farming.

Carrots Professor Johnson ranks Carrots as high as Cabbage when fed to cattle. Chemists rank 150 lbs. of Carrots equal to one bushel of oats. This would mean an acre of good Carrots equal to 300 bushel of oats, counting less than 22 tons per acre, while 40 tons have been raised. The stables of the largest and best teams in Chicago feed Carrots once a day all winter and spring. High authority says Carrots fed to horses give their coats a gloss and aid them in digesting grain, as can be seen in the dung of those fed on oats with Carrots and those fed on oats alone. Prepare fine mellow ground with well rotted manure and use 1/2-lb. of seed per acre. See Vaughan's Vegetable Garden.

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.; 1/2 lb., 25c.; 1 lb., 85c.; by express, 5 lbs., \$3.00.

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.; 2 oz., 15c.; 1/2 lb., 25c.; 1 lb., 85c.; 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.; 1/2 lb., 20c.; 1 lb., 75c., postpaid; by express, 5 lbs., \$2.25.

Mangels The enormous bulk yield of these exceeds that of any annual crop. Eighty tons of roots have been raised on the English sewerage farms. The Mangel is a surer crop than any other root. It is more fattening than the turnip and withstands drouth better. One ton of Mangels increased the weight of steers 65 pounds. These ripen after harvesting. January 15th is about time to begin to feed. Hogs prefer these to any root except parsnip. Mangels give 1/2 greater increase of milk than potato. Plow foot deep and harrow manure well in. Use 6 lbs. of seed per acre.



Mangel Wurzel This Mangel is to-day the variety most sought after in Germany, where thousands of acres are planted in Mangels every year. In regard to yield it is ahead of most kinds. Roots weighing from 15 to 25 lbs. apiece are by no means rare when the proper culture is given. The roots grow cylindrical, are yellow and very nutritious. They grow almost on the surface of the soil, hence easily harvested, and their chunky shape prevents them from being broken in handling. Per lb., 60c.; 1/2 lb., 20c.

Vaughan's Mammoth Long Red. This is an enormously productive variety, yielding from 50 to 70 tons to the acre, a single root often weighing from 20 to 30 pounds. It is the best long red Mangel, and of the greatest value for stock feeding. It grows well above ground and is easily pulled. Our strain is an extra selection from the largest and thickest Mangels. Lb., 35c.; 1/2 lb., 15c.; oz., 5c.; 5 lbs. by express at buyer's expense, \$1.25.

Golden Tankard. The Best Yellow Mangel in Cultivation. A distinct and valuable yellow-fleshed variety, which contains a larger percentage of sugar and nutritive matter than any of the red-skinned sorts. It is more relished by milch cows and sheep than any other. In shape it is almost cylindrical. It is very easily pulled and is exceedingly hardy. Lb., 35c.; 1/2 lb., 15c.; oz., 5c.; 5 lbs. by express at buyer's expense, \$1.25.

Giant Yellow Intermediate. Root ovoid, intermediate between the long and globe varieties. Flesh white, firm and sweet, much liked by cattle. Lb., 35c.; 1/2 lb., 15c.; oz., 5c.; 5 lbs. by express at buyer's expense, \$1.20.

Champion Yellow Globe. Lb., 30c.; 1/2 lb., 10c.; oz., 5c.; 5 lbs., by express, \$1.20.

Sugar Beets The Sugar Beet is really a Mangel and contains more sugar. The best grow mostly underground. The qualities stated above apply to these roots.

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 feeding. Lb., 30c.; 1/2 lb., 10c.; oz., 5c.; 10 lbs., by express, \$2.40.

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. Lb., 35c.; 1/2 lb., 15c.; oz., 5c.; 10 lbs., by express, \$2.60.

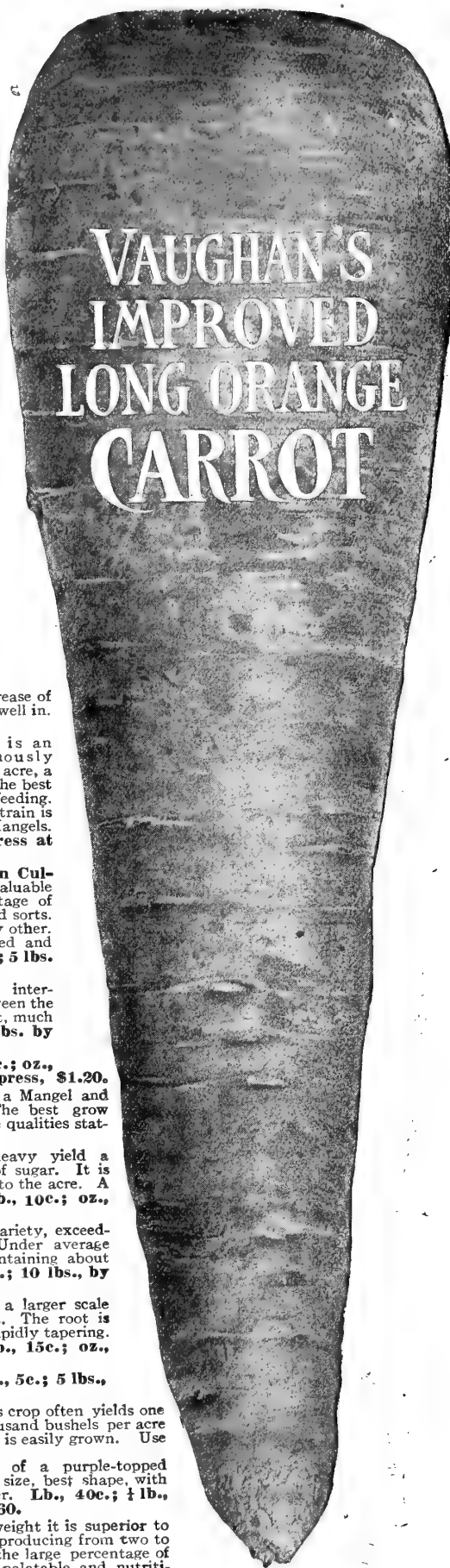
Klein-Wanzleben. This kind is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight and even, quite large at the head and rapidly tapering. It is easy to dig, it is a heavy yielder. Lb., 35c.; 1/2 lb., 15c.; oz., 5c.; 5 lbs., by express, \$1.25.

Lane's Improved. Lb., 30c.; 1/2 lb., 10c.; oz., 5c.; 5 lbs., by express, \$1.20.

Rutabagas or Swedes 3 to 4 lbs. per acre.

Vaughan's Improved. From selected stock of a purple-topped variety of the largest size, best shape, with small neck and smooth skin; good cropper and keeper. Lb., 40c.; 1/2 lb., 15c.; oz., 10c.; pkt., 5c. By express, 5 lbs., \$1.60.

Hurst's Monarch. 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 root makes it very palatable and nutritious to stock. Lb., 50c.; 1/2 lb., 20c.; oz., 10c.; pkt., 5c.



VAUGHAN'S
IMPROVED
LONG ORANGE
CARROT

Vegetable Plants FROM Seed

Prices do not include prepayment by mail. If wanted by mail, add 6c. per doz.; 12c. for 50; 20c. per 100.

Cabbage, Early. Ready by April 20. Extra Early Wakefield, All Seasons and Early All-Head. Per 1,000, \$4.25; 100, 55c.; 50, 35c.; doz., 15c.

Cauliflower, Early. Ready by April 20. Snowball and Extra Early Erfurt. Per 1,000, \$6.00; 100, 75c.; 50, 45c.; doz., 20c.

Cauliflower, Second Early. Ready by May 1. Snowball and Extra Early Erfurt. Per 1,000, \$5.00; 100, 60c.; 50, 35c.; doz., 15c.

Celery, Early. Ready in June. White Plume, Golden Self-Blanching, Giant Golden Heart, Winter Queen and Turnip Rooted. Per 1,000, \$4.00; 100, 50c.; 50, 30c.; doz., 15c.

Egg Plant. Ready about May 15. New York Improved Purple. Per 100, \$1.00; 50, 60c.; doz., 20c.

Pepper. Ready about May 15. Bell or Bull Nose, Sweet Mountain, Extra Ruby King and Cayenne. 100, \$1.00; 50, 60c.; doz., 20c.

Sweet Potato. Ready about May 15. Extra Early Carolina, Yellow Nansmond and Red Jersey. Per 1,000, \$2.50; 100, 35c.; 50, 20c.

Tomato. Ready about May 15. Acme, New Stone, Dwarf Champion, Ponderosa, Yellow Plum and Beauty. Per 1,000, \$7.00; 100, \$1.00; 50, 60c.; doz., 15c.

Lettuce. Transplanted plants grown in flats. Grand Rapids Forcing and Silverball. Per 100, \$1.00; doz., 20c.

Vegetable Plants FROM Roots

Chives. Clumps. By express, 10c.; doz., \$1.00. By mail, 10c. each extra.

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 100, 75c.; 50, 50c., postpaid. 500, \$3.00, by express.

HOP ROOTS. Plant early. Doz. 30c. By mail, add 5c. per doz.

Rhubarb Roots.

These roots planted in good soil in the early Spring so that they will make a good growth, yield stalks for the table the following Spring. 2 years saved. This is another crop out of which the wide-awake gardener makes big returns: Clumps 15c., 25c. and 50c., each, according to size, by express. Seedlings (strong plants), each, 10c.; doz., \$1.00, postpaid.

TARRAGON PLANTS (Esdragon). Each, 15c.; 2 for 25c.; 5 for 50c.

Artichoke Plants, GREEN GLOBE

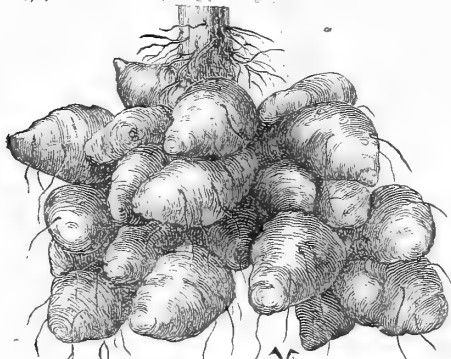
A delicious vegetable coming into great favor. The underside of the blossom head is the edible part, and it is ready for use just before the flowers expand. Plants (ready in early Spring). Each, 35c.; by express only.

Culture: See 'Vaughan's Vegetable Garden.' Ask for a copy. It is free to buyers of Vaughan's Seeds.

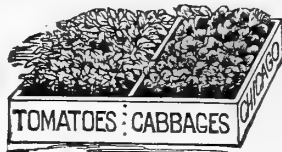
Artichoke Roots, JERUSALEM

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.

GINSENG. Crop of 1903, stratified germinating this Spring. Price, 12 seeds, 50c.; 100 seeds, \$2; 1,000 seeds, \$15.



JERUSALEM ARTICHOKE.



VAUGHAN'S VEGETABLE PLANTS.



HORSE RADISH ROOTS.



RHUBARB.

The New Rhubarb Culture.

BY J. B. MORSE.

The latest work on this subject, well written and fully illustrated, will pay anyone to buy it who is growing Rhubarb for profit. 138 pages cloth bound. Postpaid, 50c.



BUSH ALPINE STRAWBERRY.

Tree Seeds

GENERAL RULE:—Plant Tree Seeds in early spring in drills about 2 feet apart; cover ½ inch or more in depth, according to size of seed; keep them from drying out.



One-pound lots and less include postage. Larger lots at buyer's expense.

Apple Seed (10 lbs., \$3.50; 100 lbs., \$30.00, by freight or express).....	Pkt.	Oz.	¼lb.	Lb.
Arbor Vitæ, American.....	.10	.25	.65	2.50
Birch, White.....	.05	.15	.35	1.00
Box Elder (10 lbs., \$2.25).....	...	.10	.15	.35
Catalpa Speciosa (5 lbs., \$2.00).....	.05	.10	.20	.60
Locust, Honey (5 lbs., \$1.25).....	...	.05	.15	.35
Locust, Black or Yellow (5 lbs., \$1.25).....	...	.05	.15	.35
Maple, Oregon Mammoth.....	.10	.15	.40	1.25
Mulberry, Russian.....	.10	.20	.65	2.50
Osage Orange (10 lbs., \$3.75; 100 lbs., \$35.00).....	.05	.15	.20	.50
Pine, Scotch.....	.05	.15	.45	1.40
Spruce, Norway.....	.05	.10	.30	1.00

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.

Raspberry Seed. Large fruited sorts, mixed. Pkt., 10c.; oz., 20c.

Currant Seed. Red sorts, mixed. Pkt., 10c.; oz., 30c. White sorts, mixed. Pkt., 10c.; oz., 30c.

Black Currant Seed. Pkt., 10c.; oz., 30c.

Gooseberry Seed. English; large fruited. Many sorts, mixed. Pkt., 10c.; ½ oz., 30c.

Tobacco Seed

Price, lb., \$2.50; ¼ lb., 65c.; oz., 25c.; pkt., 10c., postpaid, except where noted.

Primus. Yields big crops of extra fine quality.

Harby. A Turkish variety; stands heat and drought; lb., \$3.00; ¼ lb., 80c.

Brazilian-American. Finest Brazilian strain; lb., \$3.00; ¼ lb., 80c.

Big Havana. A hybrid Havana or Cuban seed leaf.

General Grant. It produces leaves 44 inches long, of proportionate breadth, and matures its crop perfectly as far North as Duluth, Minn.; lb., \$3.00; ¼ lb., 80c.

Connecticut Seed Leaf. Best adapted to the climate of the Middle and Northern States, as it is hardier and endures cold better than others.

Big Oronoko. Has no equal for strips and dark wrappers.



GENERAL GRANT TOBACCO

VAUGHAN'S HAY & PASTURE

SPECIAL GRASS MIXTURES

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.

OUR customers have been quick to appreciate the value of these special mixtures in producing a heavier, thicker and long continued growth. The use of such mixtures is sure to become universal.

The following are the leaders; for other conditions or soils not stated below, write us.

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:

Fancy Red Top.	Orchard Grass.	Timothy.
Meadow Foxtail.	Hard Fescue.	Red Clover.
Tall Meadow Oat Grass.	Sheep's Fescue.	Alsike Clover.
	Perennial Rye Grass.	

Price, 10 lbs., \$1.25; 35 lbs., (about enough for one acre) \$3.75; 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.	Sheep's Fescue.
Tall Meadow Oat Grass.	Timothy.
Crested Dog's Tail.	Rough-Stalk Meadow
Orchard Grass.	Red Clover.
Hard Fescue.	White Clover.

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 Mixtures

No. 3. On Good Land, Neither Too Dry Nor Too Wet.

This mixture contains some of each of the following, properly proportioned:

Tall Meadow Oat Grass.	Perennial Rye Grass.
Red Top.	Meadow Foxtail.
Orchard Grass.	Kentucky Blue Grass.
Sheep's Fescue.	Timothy.
Hard Fescue.	Red Clover.
	White Clover.

Price, 10 lbs., \$1.75; 35 lbs., (about enough for one acre) \$4.75; 100 lbs., \$12.00; 1,000 lbs., \$115.00.

No. 4. ON DRY LAND.

Creeping Bent Grass.	White Clover.
Tall Meadow Oat Grass.	Hard Fescue.
Kentucky Blue Grass.	Sheep's Fescue.
Orchard Grass.	Timothy.
Red Clover.	Perennial Rye Grass.

Price: Same as mixture No. 2.

No. 5. ON WET LAND.

Fancy Red Top.	Alsike Clover.
Orchard Grass.	White Clover.
Meadow Fescue.	Meadow Foxtail.
Perennial Rye Grass.	Timothy.
Kentucky Blue Grass.	Rough-Stalk Meadow

Price: Same as mixture No. 4.



Drought-Resisting Grasses

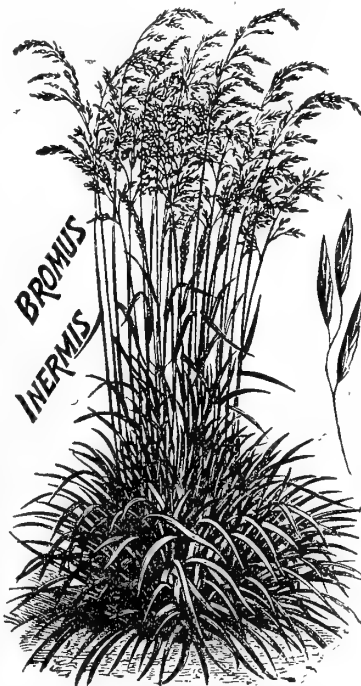
Bromus Inermis (Brome Grass). The best new grass for pasture or hay. Most valuable grass for dry lands. It endures extremes of temperature and resists protracted drought, succeeding where Alfalfa fails. Poor lands are no discouragement. It grows best in light, sandy loam, but its roots will penetrate the stiffest clay. It is equally good for cutting green, pasturing or cutting into hay. In Dakota it yielded the second year nearly 2½ tons per acre, and on another acre plot 2 tons were cut June 28 and 2,600 pounds at a second cutting, August 19. Dr. Sewell of the U. S. Experiment Station, Garden City, Kas., says it is the equal of Timothy for cattle or horses, and makes as fine a pasture as Blue Grass. It has done equally well in Canada, Kansas and California. Use 35 to 40 pounds to the acre, if alone; if with Alfalfa, 15 pounds; they will grow well together. Cut when first coming into bloom. Price, for choice re-cleaned seed, lb., 25c.; 10 lbs., \$1.50; 25 lbs., \$3.25; 50 lbs., \$6.25; 100 lbs., \$12.00.

Bermuda Grass (Cynodon Dactylon). In the southern states and in the warmer regions of the southwest and on the Pacific slope, this is cultivated extensively, and is most highly prized chiefly for grazing, all kinds of stock being extremely fond of it. It grows freely on sandy soils where other grasses will not thrive, and resists extreme droughts and high temperatures. It is particularly a sun-loving grass and will not thrive in the shade. It is useful for binding sand and the loose soil of embankments, or those subject to wash. It makes fine lawns and is extensively used for that purpose in the hotter portions of the United States, for it will thrive where the grasses ordinarily employed for that purpose could not survive. Bermuda Grass should be sown in the Spring. It does not succeed further north than Virginia. Sow 8 pounds per acre. Per lb., 75c.; 10 lbs., \$6.00; 100 lbs., \$50.00.

Johnson Grass (Andropogon Halepensis). In the warmer parts of the southern states it makes rapid growth, is but little affected by drought, and the hay, if cut just as the grass is coming into bloom, is much liked by all kinds of stock. Two or three cuttings may be made during the season. The extensively creeping root stocks are fleshy and tender, and hogs are very fond of them. This grass is very hard to eradicate, and if it is not wanted to spread, the grass must be cut before the seed is ripe. Johnson Grass should only be sown where it is desired as a permanent pasture. Sow in Spring, or in August to October, at the rate of 25 pounds per acre. Per lb., 20c.; 10 lbs., \$1.25; 100 lbs., \$10.00.

Hog Pasture Grass and Clover Mixture.

This mixture is composed of varieties that will give the quickest and best results. A sowing made in the early Spring will furnish a luxuriant pasture by July of the same year. No hog raiser should be without an acre or two of this. Price, 14 lbs. (enough for one acre), \$1.50; 10 bushels (140 lbs.), \$14.00.



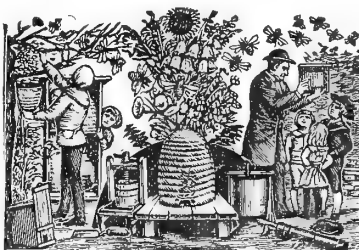
AWNLESS BROME GRASS (BROMUS INERMIS)

Splendid Honey Plants

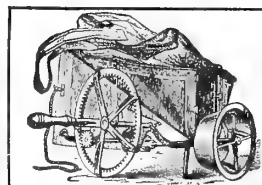
Siberian Dragonhead. This is one of the best liked honey plants by bees. The plants bloom from June till August, grow about 18 inches high and are very ornamental besides being useful. Sow the seed thinly where the plants are to remain in April. Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; ½ lb., 25c.; lb., 65c.

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.; ½ lb., 25c.; lb., 75c.

OTHER GOOD HONEY PLANTS.



BEE KEEPING



Cahoon Seeder

Holds 22 Quarts.
Scatters 20 feet.
Weight, 5½ Pounds.
Price each, \$2.90.

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.



PHACELIA.

	Time of Blooming.	Pkt.	Oz.	½ lb.	lb.		Time of Blooming.	Pkt.	Oz.	½ lb.	lb.
Alyssum,	June-Oct.	5c.	20c.	60c.	\$2.00	Cynoglossum,	June-Sept.	5c.	15c.	40c.	\$1.00
Bartonia,	July-Sept.	5c.	25c.	60c.		Matthiola,	June-Aug.	5c.	15c.	40c.	1.40
Borage,	July-Sept.	5c.	15c.	45c.	1.50	Mignonette,	July-Sept.	5c.	10c.	20c.	.60
Centaurea,						Nigella,	June-Sept.	5c.	10c.	30c.	.90
(Cyanus)	June-Sept.	5c.	15c.	35c.	1.00	Whitlavia,	June-Sept.	5c.	20c.	60c.	1.80
Clarkia,	July-Sept.	5c.	20c.	50c.	1.60	All the Above (Mixed),	June-Oct.	15c.	30c.	1.00	

Vaughan's

Grass Seed

CLOVER SEED High Grade Re-cleaned

We try to handle only the very best and purest grass seed. Our prices are based on supplying you the very highest germinating and purest seed the market affords. Grass seeds are like grain, their market value changes daily; the prices below we shall do our best to maintain, but they are at all times subject to fluctuation. Should they seem high write for latest prices. We are in position to quote the very lowest prices on the qualities we supply. Samples for the asking.



TIMOTHY (Phleum Pratense).

Prices do not include postage. If to go by mail, add 8c. per lb. Prices are subject to market changes. Samples free on application. Bags 20c. each for bushel lots and over. Unless noted, prices on this page apply to shipments either from Chicago or New York. Always subject to market changes.



RED TOP GRASS (Agrostis Vulgaris).

GRASSES.	Lbs. to Bushel	PRICES. (Add 8c. per Pound if by Mail)			GRASSES-CLOVERS.	Lbs. to Bushel	PRICES. (Add 8c. per Pound if by Mail)		
		1 Lb.	10 Lbs.	100 Lbs.			1 Lb.	10 Lbs.	100 Lbs.
Bent Grass, Rhode Island (Agrostis Canina). Makes a good turf and is one of the very best grasses for lawns.....	14	\$0.25	\$2.00	\$18.00	Rye Grass, English or Perennial (Lolium Perenne). A quick growing lawn and pasture grass.....	24	\$0.15	\$0.80	\$ 5.50
Bent Grass, Creeping (Agrostis Stolonifera). A lawn grass of fine texture, rooting from the stems.....	20	.25	2.00	18.00	Rye Grass, Italian (Lolium Italicum). A rapid grower; hardy and very productive on rich, moist soils.....	18	.20	1.00	6.00
Blue Grass, Kentucky (Poa Pratense). Also known as June and Meadow Grass. One of the most valuable lawn and pasture grasses. It is early and continues growing till late in the fall; succeeds in almost any soil and goes through drought successfully. It is slow in becoming established and is best sown in mixture with quicker grasses. Write for latest price in quantity. Fancy clean, bushel, \$1.50.....	14	.20	1.10	9.50	Sweet Vernal (Anthoxanthum Odoratum Puelli). Annual; emits a sweet odor. Timothy (Phleum Pratense). It makes the standard grass for hay. Can be sown alone or with Red Clover. Should be cut when flowering. We handle strictly pure stock. Sow 25 lbs. per acre. Ask for prices in bushel lots and over. 5 lbs. 40c.	10	.20	1.50	12.00
Blue Grass, Canada (Poa Compressa). A flat stemmed grass with creeping root-stalks. Succeeds on poor, dry soil; valuable for dairy pastures.....	14	.15	.80	6.50	Wood Meadow (Poa Nemoralis). Well adapted for growing under trees and in shaded situations. Dwarf and fine growing. Sow 2½ bushels per acre; (bu. 14 lbs.).....	45	.10	.70	5.00
Dog's Tail, Crested (Cynosurus Cristatus). Its deep-rooting habit adapts it to shady and dry hilly situations. A good variety for pasture or lawn in mixtures.....	21	.50	4.50	40.00	CLOVERS.				
Fescue, Meadow of English Blue Grass (Festuca Pratense). Is one of the earliest, most nutritious and productive of all the grasses. It thrives well on all good soils; makes a perfect sod and is valuable for permanent pasture. Sow 1½ bushels to the acre.....	20	.15	1.00	8.00	Medium Red. One of the most valuable farm crops for pasture, hay or for turning under to enrich the soil. Ask for prices in quantity.....	60	.20	.....	.....
Fescue Hard (Festuca Duriuscula). Valued for its dwarf habit and should form a part of every mixture for lawns and for permanent pasture. Sow 30 lbs. to acre.....	12	.20	1.50	10.00	Mammoth Red or Pea Vine. Grows larger and lasts longer than the common red. Ask for prices in quantity.	60	.20	.....	.....
Fescue, Sheep's (Festuca Ovina). A good pasture grass for dry uplands. Sheep are fond of it; it is also a valuable lawn grass on account of its fine foliage and dense growth.....	12	.20	1.50	10.00	Alsike or Hybrid. Succeeds in cold, stiff soils and on land which is too wet for others. Ask for prices in quantity..	60	.20	.....	.....
Festuca Rubra (Red or Creeping Fescue). A creeping rooted species, forming a close and lasting turf, and especially adapted for dry, sandy soil. It resists extreme drought and thrives on very inferior soils. 30 lbs. to the acre..	4	.20	1.80	15.00	White Clover. Extra choice seed. Valuable in lawn and pasture mixtures for its binding qualities; its creeping stems root at the joints interweaving the plant into a lasting turf.	60	.30	2.00	18.00
Festuca Tenuifolia (Slender Fescue). It will grow on very dry and inferior soils, and its dwarf habit of growth and fineness of leaf render it not unsuitable for dry slopes on lawns. 30 lbs. to the acre.	22	.35	2.75	23.00	Bushel, \$11.30, Choice Seed.....	60	.25	1.75	16.00
Fescue, Various Leaved (Festuca Heterophylla). Its many root leaves make it a good bottom grass for pasture mixtures. Does well in shade.....	14	.30	2.20	18.00	Bushel, \$10.00, Prime Seed.....				
Fox Tail, Meadow (Alopecurus Pratensis). It grows best on rich, moist soils, and is one of the most reliable grasses for permanent pastures in mixture with other grasses.....	7	.35	2.50	22.00	Bokhara or Sweet Clover. Has sprung into importance on account of its value for inoculating Alfalfa soil; A good bee plant. Keep it from seeding.....	60	.25	2.20	20.00
Meadow Grass, Rough Stalked (Poa Trivialis). Valuable as a bottom grass in pasture mixtures.....	14	.40	3.50	32.00	Crimson or Scarlet Clover. Largely grown in the Southern States for winter and spring forage and for green manure by plowing under. 10 bushels, \$6.00.	60	.15	1.00	9.00
Oat Grass, Tall Meadow (Avena Elatior). An early and luxuriant grower; hardy and drought resisting. Cultivated for winter grazing in the Southern States	13	.25	2.00	18.00	TURKESTAN ALFALFA.				
Orchard Grass (Dactylis Glomerata). One of our most valuable hay and pasture grasses; will grow in shade; can be sown alone in orchards. Sow 40 lbs. per acre. Ask for latest price in quantity..	14	.20	1.50	12.00	This new clover has all the merits of the Standard Alfalfa, but it has more—it is easier to get the young crop started into growth; it is more hardy and is said to resist drought better. If it does these things, it must soon become the greatest clover to use for permanent pasture and meadow in all the dry and arid soils (Bu. 60 lbs.) Lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$18.00.				
Red Top (Agrostis Vulgaris). This is our most permanent native perennial grass. It is equally good for lawn or pasture and meadow mixtures. There are two grades of it, the common or chaffy, and the fancy, which is absolutely clean seed. We recommend the Fancy.	32	.20	1.50	8.00	BEACH GRASS				
Fancy	14	.15	.80	5.00	FOR SANDY SHORES.				
Common					Is probably the best grass cultivated as a sand binder. It grows from 2 to 3 or 4 feet high. Its long, tough leaves are not cut or injured by the blowing sand. The peculiar habit of this grass, and one which especially adapts it for binding sands, is this power to continue the upward growth when partially buried. Sow the seed in spring covering about an inch. In September set out in the exposed places which they are intended to reclaim. If the seeds are sown in shifting sands it will be necessary to cover with brush or boards to keep the sand in place until they sprout. Lb., 50c.; 10 lbs., \$3.75; 100 lbs., \$35.00.				

ALFALFA OR LUCERNE.
The Great Four Crop Clover. Visitors to California, Wyoming, Colorado and New Mexico have seen in the fresh green fields of even dry lands the luxuriant, tangled growth, showing what Alfalfa is and can do. It is being used to advantage all over the country. It prefers a loose, porous soil. The roots penetrate 12 to 15 in. It prefers dry land and succeeds where but few inches of rain fall per year. Does not do well in wet land or under much rain. It is a splendid crop to renew wornout land. Cut every time it is in full bloom, three to four times per year. Keep weeds out of crop the first year, then it will care for itself. Sow 15 lbs. per acre in drills and 25 lbs if sown broadcast. Prices variable; write for latest quotations. We have two grades of this, choice and prime, and will mail samples on request. Bu. (60 lbs), \$9.50, extra choice seed....

LOCATED AT CHICAGO, a great center for Grass Seed, we are able to select the choicest grades of fancy, re-cleaned seed, and at the best market values.

SEND us a list of your needs for pricing and samples.

Vaughan's "Chicago Parks" Lawn 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 is possible to make it from foreign matter.

Price: Per lb., 25c.; 3 lbs., 65c.; 5 lbs., \$1.00; 10 lbs., \$1.85; 15 lbs., \$2.75; 20 lbs., \$3.50; 25 lbs., \$4.25; 50 lbs., \$8.25; 100 lbs., \$16.00. If to go by mail add 8 cents per lb. for postage.

QUANTITIES TO USE.

1 lb.	for	400	square feet
5 "	"	2,000	" "
10 "	"	4,000	" "
15 "	"	6,000	" "
25 "	"	one-fourth	acre
50 "	"	one-half	"
100 "	"	one	"

If intended for renovating an old lawn, about half the above quantities are sufficient for the given spaces.



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 Mixture For Shaded Lawns and Sandy Soil.

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 50 lbs. of seed per acre to make a new lawn; or 20 lbs. per acre for thin grass. PRICE: Per lb. (enough for a space 15x15 feet), 25c.; 3 lbs., 65c.; 5 lbs., \$1.00; 10 lbs., \$1.75; 20 lbs., \$3.25; 25 lbs., \$3.85; 50 lbs., \$7.50; 100 lbs., \$14.00. 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. 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. Price per bu., of 20 lbs., \$4.50.

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 resow 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., 20c.; 3 lbs., 50c.; bushel, 14 lbs., \$1.50; 5 bushels, \$7.25.

White Clover. Extra Choice Seed. Per lb., 30c.; 3 lbs., 75c.; 5 lbs., \$1.10; 10 lbs., \$2.00. Add 8 cents per lb. to above price if wanted by mail.

Red Top Grass. Fancy Clean Seed. Per lb., 20c.; 5 lbs. for 75c.

Red Top Grass. Choice Seed. Per lb., 15c.; 6 lbs., 60c.

Where an immediate effect for one season is desired there is none better than the Red Top Grass, as it comes up quickly and makes a beautiful lawn but the grass is liable to winter-kill.

We shall at all times be pleased to make up mixtures for special requirements and situations. Correspondence invited about any difficulties experienced in getting the right turf for any purpose or in any place.

VAUGHAN'S PLANTS, VEGETABLES, FLOWERS, and SEEDS won 24 Awards at the Louisiana Purchase Exposition, including 2 Grand Prizes, of which only 8 were given to American Exhibitors in Floriculture.



VAUGHAN'S "CHICAGO PARKS" LAWN GRASS.

Vaughan's "GOLF LINK" Grass Seed

This is a special mixture of the finest grasses that will stand the wear and tear and retain its velvety appearance. Price per lb., 25c.; 5 lbs., \$1.00; 50 lbs., \$9.50; 100 lbs., \$18.00. Special price on larger lots.

Putting-Green Mixtures. A mixture of extra fine grasses that will make a close, firm, green and lasting turf, which will improve with tramping. 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 Green, 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 Lawn Grass for the South

A mixture of grasses that stand extremes of heat and drought well, and that are therefore peculiarly adapted for southern lawns. Per bu. of 20 lbs., \$4.50.

Everything delivered by you has been O. K.

U. B. PEARSALL, Quartermaster,
National Military Home, Kansas.

Industrial School for Boys, Lansing, Mich.

We appreciate very thoroughly your untiring efforts to serve us.

A. E. BAMBRICK, Florist.

VAUGHAN'S LAWN FERTILIZER
Is essential to a Good Lawn. Per 100 lbs., \$2.75.

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..... 25

SCISSORS.
Grape Thinning. (Fig. 28.) Each..... 60

SCISSORS.
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. 30.) 4½ inch, price, each, 75c., 5¼-inch, 85c., 6½-inch, 90c.; 7½-inch, \$1.10; 8½-inch, \$1.20; 9½-inch..... 1 35
 Extra springs, each..... 15
California Pruning. Best grade, with double brass-springs and one extra blade. Each..... 2 75
Levins Pruning. One of the best pruning shears made. Each..... 50
Sheep. With thumb guard. For trimming grass on edges and around flower beds. Each..... 35
Buckeye Pruning. Long handle. Each, 75c.; larger size, heavier..... 1 25
Clyde Draw Cut Pruner (Fig. 31.) Extra strong, long handle..... 2 25
Improved Wire. For cutting annealed wire. Each, 85

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 ¼ to ¾ inch. Each..... 75

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.
Ames—Special D. handle (Fig. 32). Each..... 1 25
Sod Lifting. Each..... 2 50

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, 85c.; by mail..... 40
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..... 65

STAKES.
Green Painted—Tapering; 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 25 **Light 3½ ft.** \$0 60 4 25
Light—2 " 25 1 75 **Light 4 "** 75 5 30
Light—2½ " 35 2 50 **Light 5 "** 80 5 75
Light—3 " 50 3 50
Heavy Dahlia—3 ft...... 75 5 00
Heavy Dahlia—4 ft...... 85 6 00
Heavy Dahlia—5 ft...... 95 7 50

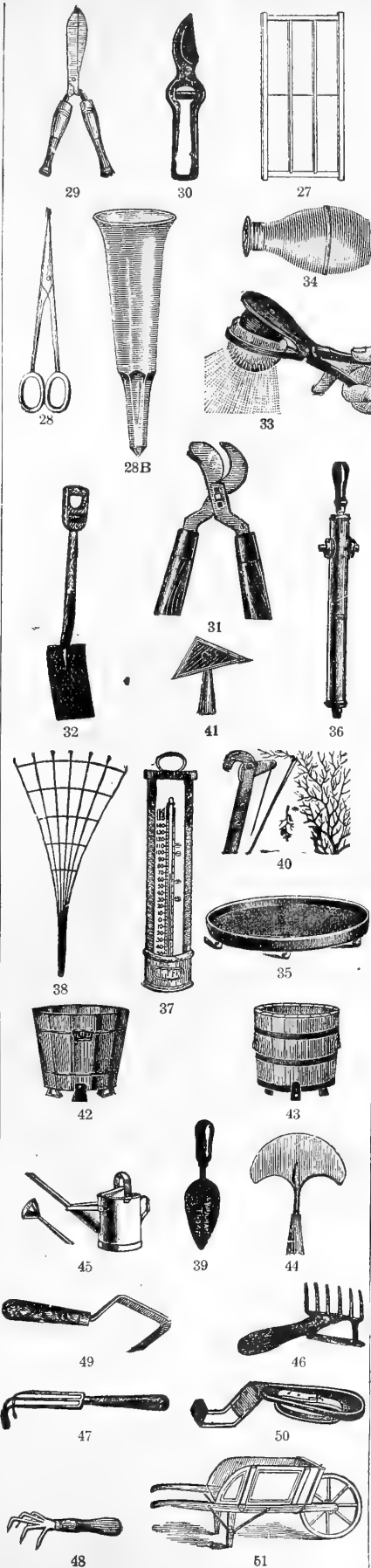
Per 100 1000
Cane Stakes—6 to 8 ft long...... \$1 00 7 00
Cane Stakes—9 to 12 ft long, extra heavy, 1 60
Bamboo Stakes—4 to 6 feet, light Japanese cane, will last a long time, especially useful for tying up pot plants... 75 6 00

GALVANIZED WIRE.
 No. 8— Per doz. 100 Per doz. 100
 1½ ft.....\$0 10 \$0 65 3½ ft.....\$0 30 1 10
 2 ft..... 15 70 4 ft..... 35 1 35
 2½ ft..... 20 80 5 ft..... 40 1 70
 3 ft..... 25 90

STAND, ROLLING—(Fig. 35). For heavy plants. Made of indurated fibre ware. Casters have ball bearings; 12-inch, 75c.; 14-inch, 85c.; 16 inch, 95c.; 18-inch, \$1.10; 20-inch, \$1.20; 22-inch..... 1 40

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..... 5 75
English—Brass, No. 11, 18-inch barrel, with two different sprays and one stream...... 4 00
Brass—For liquid insecticides. Each..... 1 65

THERMOMETERS.
 These cannot be sent by mail.
Tin Case. (Fig. 37.) 8-inch, 15c.; 6 for..... 75
Cabinet. Wood case, 50c.; 3 for..... 1 35
Imported German. All glass, very accurate for propagating and hot beds..... 1 00
Hot Bed. Brass point, wooden frame..... 1 75
Self-Registering. With magnet to set it, 8-inch, each, \$2.50; register highest and lowest temperature. Minimum for registering cold..... 1 50



THISTLE CUTTERS. Narrow blade for removing thistles or weeds from lawns. With foot rest. \$0 50

TOMATO SUPPORTS. Made of heavy galvanized wire, will last for years. Each, 25c.; doz.,... 2 50

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..... 40

TRELLIS.
Fan Shape. (Fig. 38.) 18-inch, 15c., 3 for 40c.; 24-inch, 25c., 3 for 50c.; 30-inch, 25c., 3 for 60c.; 3½ feet, 21-inch wide, 40c.; 4 feet, 27-inch wide, 50c.; 5 feet, 32-inch wide, 60c.; 6 feet, 38-inch wide, 70c.; 7 feet, 42-inch wide..... 80

Veranda. 18-inch wide, 5 feet, 55c.; 6 feet, 65c.; 7 feet, 75c.; 8 feet, \$1.00; 9 feet, \$1.10; 10 feet..... 1 25

TROWELS.
Vaughan's Steel. (Fig. 39.) One solid piece of steel and will outwear all others. Each, 50c.; 3 for \$1.40. Postpaid, each..... 60
Ordinary Garden. 6-inch, each, 12c.; prepaid, 20c.; 7-inch, each, 15c.; prepaid, 23c.; 8-inch, each, 20c.; prepaid..... 28
English Steel. 6-inch. (By mail add 10c.)..... 25
Cleve's Angular. By mail..... 25

TREE PRUNERS.
Water's. (Fig. 40.) Length of pole 4 feet, 50c.; 6 feet, 75c.; 8 feet, 90c.; 10 feet, \$1.00; 12 feet..... 1 10
 Extra knives, each..... 20
Lee's New Pole Tree Pruner. Without pole..... 1 00
 Extra springs..... 15

TREE SCRAPER.
 (Fig. 41.) With handle. Each..... 75

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 on the wood, or if wanted can be finished in oil paint.
 12 by 11 inches..... Each, \$1.00; 3 for 2 75
 15 by 14 inches..... Each, 1.50; 3 for 4 25
 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 ¾-inch cypress, which insures their keeping for years without rotting.
 No.
 1—13½-in. diam., 11-in. high. Each, \$0.85; 4 for 3 20
 2—14 in. diam., 13-in. high. Each, 1.00; 4 for 3 80
 3—16 in. diam., 15-in. high. Each, 1.30; 4 for 4 70
 4—20 in. diam., 18-in. high. Each, 1.80; 4 for 7 00
 5—24 in. diam., 20-in. high. Each, 2.40; 4 for 9 00

TURF EDGER.
American (Fig. 44.) Each..... 50
English. Imported steel blade only..... 75

VASE. (Fig. 28B.)
Clara Cemetery. This is the most handsome Cemetery Vase on the market. Made of beautiful solid mounted glass, 12 inches high. The lower end is sharp pointed so it can be imbedded in the soil. Holds enough water to keep the flowers fresh and sweet. Each, 50c.; 3 for \$1.40; doz. 5 25

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, 8 quart, \$2.40; 10 quart, \$2.85; 12 quart.... 3 00
Low Style. 4 quart..... 1 75

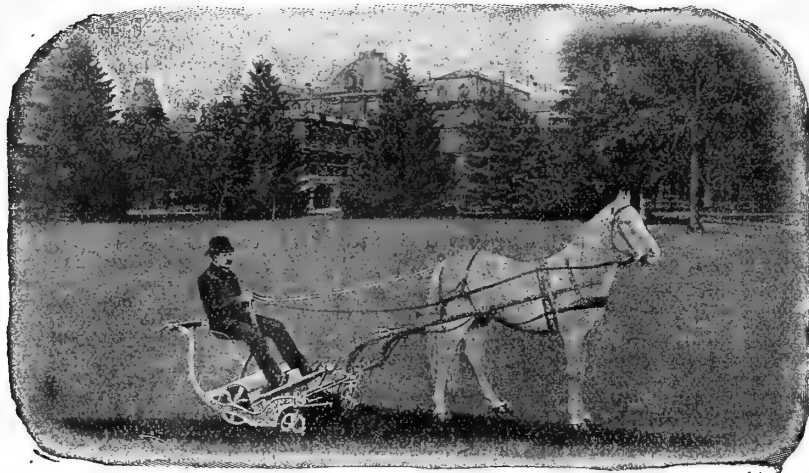
WEEDERS.
Combined (Fig. 46.) Each..... 25
Eureka (Fig. 47.) The best little hand weeder for loosening soil around plants that we know of. Short handled, 25c.; long handled..... 35
Excelsior (Fig. 48.) Each..... 10
Hazeltine (Fig. 49.) Each..... 20
Langs (Fig. 50.) This we find to be by actual trial a first-class labor saver. Price, each, 20c., postpaid..... 25

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

A KNIFE FOR THE GARDENER A pocket budding knife is a necessity for gardeners on private estates. Please mention the item on your general order.
Gardeners We shall be pleased to render assistance to any one who may require a gardener. We are keeping a list of those seeking situations. There is no fee.

VAUGHAN'S LAWN MOWERS, ROLLERS, Water Carts, Weeders, Scythes, Lawn Boots, Etc.

Every implement and device for the use of the gardener, whether for lawn, greenhouse or garden, is supplied by Vaughan's stores at New York and Chicago. Write for items not on this condensed list.



COLDWELL'S LAWN MOWER AT VASSAR COLLEGE PHILADELPHIA LAWN MOWER.

High Wheel (Steel). Style A..

This is the King of High Wheels. It has 10-inch driving wheels, 6 1/4-inch cylinder cutter, with four knives; constructed of steel throughout.

Width.	Weight.	Price.	Width.	Weight.	Price.
15-inch	40 lbs.	\$9.25	19-inch	44 lbs.	\$11.40
17-inch	42 lbs.	10.35	21-inch	46 lbs.	12.25

Style K. — 10-inch high wheel, five-knife open wiper with corrugated blades. A strictly first-class mower. Fine cut, and with its large driving wheels it is the lightest running, best single pinion mower made.

Width.	Weight.	Our Price.	Width.	Weight.	Our Price.
14-inch	40 lbs.	\$5.80	18-inch	44 lbs.	\$7.00
16-inch	42 lbs.	6.50	20-inch	46 lbs.	7.50

Write for complete Philadelphia Lawn Mower Catalogue for 1905.

PHILADELPHIA GRASS COLLECTOR

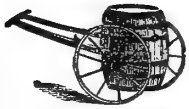
Has a galvanized iron bottom collector, never-rip cloth connections. Always be careful to state size and style of mower when ordering. Price for Low Wheel Mower, 10-inch, \$1.40; 12-inch, \$1.50; 14-inch, \$1.60; 16-inch, \$1.70; 18-inch, \$1.80; 20-inch, \$1.90. For High Wheel and Style K and the Vaughan 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.

THE ACME LAWN MOWER SHARPENER.



A good practical article for sharpening Lawn Mowers. Full instructions with each machine. Price, each, 50c.
Lawn Mower Oil, best quality, per tin, 25c.

WATER BARREL TRUCK.



The barrel is raised from the ground, carried to the place desired and instantly detached, all without handling. The weight being balanced over the axle, no lifting or down pressure is needed in transportation. Other barrels for various purposes can be used as needed, extra trunnions being furnished if desired. The width of this truck from outside to outside of hubs is 39 1/2 inches.
Price, Barrel and Truck with 2 1/2-inch wheels, \$10.00; Truck without barrel but with 1 pair trunnions to hold bbl., \$7.75.

LAWN SHEARS.



For cutting grass in places which cannot be reached by lawn mower.
Two wheels, Each, \$2.75.

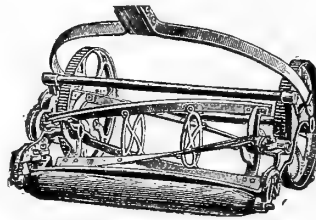
BORDER SHEARS.



For trimming the edges of borders and walks.
9-inch, \$2.00
With wheel, \$2.50

To produce an even dense growth of permanent sward, sow Vaughan's "Chicago Parks" Lawn Seed; see page 115 for description and price.

STYLE A. PHILADELPHIA MOWER.



THE "LINKS LAWN" BOOT.

For use on Golf Links, Tennis Courts and Fine Lawns.

Aside from its lasting qualities it is the only humane boot on the market, for the reason that it is firmly fastened to the hoof instead of around the ankle, thus giving free action to the horse's feet and obviating all possibility of chafing.

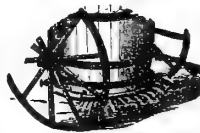


The cut shows the rolling toe which prevents the cutting of the turf and also indicates how simple and positive the fastening is. Made in three sizes.

No.	2	4	6
Widths of inside measurements.	5 1/2	6 1/2	7

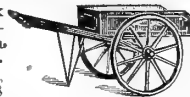
Per set of four, \$8.00.

THE SPRINKLER ATTACHMENT.



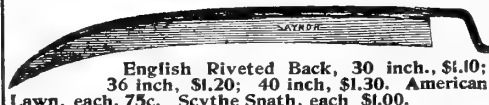
The Barrel Truck as a Sprinkler is invaluable for watering lawns and sprinkling walks. The water is turned on and off by a hand wheel and ball valve.

Price, barrel with sprinkler attached, \$3.25.
HAND CART BOX.



We can also supply a box which can be used in connection with Truck, making a very superior Dumping hand-cart. Length, 37 inches, width, 23 1/2 inches; depth, 8 inches. Price, including trunnions and spring catch, but without truck, \$3.00.

SCYTHE BLADES.



English Riveted Back, 30 inch., \$1.10; 36 inch, \$1.20; 40 inch, \$1.30. American Lawn, each, 75c. Scythe Snath, each \$1.00.
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. Sweeps 40 inches wide. Price, \$70.00.

COLDWELL'S HORSE LAWN MOWER.

COLDWELL'S Improved Horse Mowers are fitted up throughout with the best steel shafting, composition bushings or bearings, polished oak foot-boards, Loring Coes' knives, etc. The workmanship is acknowledged by the trade in general to be the best of any lawn mower made in America.

These mowers have been adopted for use for many consecutive years by the United States Government and New York City Park Board, after severe competitive trials and tests of durability. They are guaranteed to give entire satisfaction to the purchaser.

Price	F. O. B. Chicago,	35-inch	40-inch
4 Blades,	F. O. B. New York	\$80.00	\$95.00
		78.00	92.00

Complete with Seat and Shafts.

COLDWELL ROLLER MOWER.

This machine is specially suited for use on putting greens where fine cutting is necessary. It can be set so as to almost shave the lawn, if desired, and leave no wavy appearance.

14-inch cut	\$13.00
16-inch cut	14.00
18-inch cut	16.00
20-inch cut	18.00

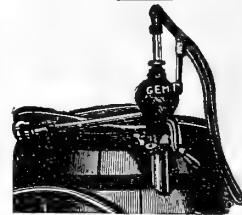
VICTORY BALL BEARING MOWER.

The Lightest and Easiest Running Mower on the Market. Ten-inch wheel, four-bladed reels. Ball-bearings.

These mowers are well speeded, and bite small and frequent, leaving a beautiful velvety lawn. The ball bearings are of the highest grade, exact to 1/4 of 1-1000 of an inch, which reduce the friction astonishingly and renders it possible to use much wider machine with parallel bearings.

14 in.	16 in.	18 in.	20 in.	22 in.	24 in.
\$8.50	\$9.50	\$10.50	\$11.50	\$12.50	\$13.50

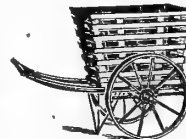
GEM SPRAY PUMP.



This pump is designed for use with Barrel Cart and is a first-class pump in every respect. All working parts are made of brass and pump has 4 inch stroke with 1 1/2 inch cylinder.

The Gem Pump when used with the Barrel Cart can be set on any part of the chine for either right or left-handed person.
Price, Pump with 4 feet of discharge hose and Bordeaux Nozzle, \$6.00.

LEAF RACK.



This is a very light Leaf Rack for use with Truck, which will be found extremely convenient for the cartage of leaves, cut grass from the lawn, etc.

Rack has an average width of 28 inches by 42 inches and is 21 inches deep.
Price, rack only, without truck, \$5.00.

B'S WEED EXTRACTOR.



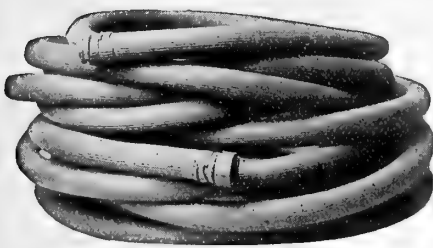
A simple and effective device for removing weeds of all kinds from the lawn. Easy to operate. Price, postpaid, 75c.; by express, 60c.

CLIMAX LAWN WEEDER.

Easily worked by pushing the chisel under the plant at an angle that will sever the roots, a slight pull on the trigger releases the grab which holds the plant until lifted out. Each, 75c.

Vaughan's Lawn Hose, Rollers, Sprayers,

Lawn Sweepers, Rakes, Fertilizers, Etc.



RUBBER HOSE.

Electric Non-Kinkable.

The "Electric" is the best hose on the market. Made of pure rubber by a special process, does not crack or scale, and will not kink. We can supply in any length and will fit with Acme Hose Couplers, if advised at time of ordering. Price, $\frac{3}{4}$ inch, Per 25 feet, \$5.00; 50 feet, \$9.50; 100 feet, \$18.00.

"Excelsior Brand." Extra heavy. We keep it in lengths of 25 and 50 feet, and these we do not cut. Price, $\frac{3}{4}$ -inch (including plain couplings), per 25 feet, \$4.00; 50 feet, \$7.75; 100 feet, \$15.00. "Standard Brand." $\frac{3}{4}$ -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, and the wheels being so high they are very easily worked; never break or wear out.

No. 10, for 100 ft. $\frac{3}{4}$ -in. hose, \$2.75
No. 20, for 150 ft. $\frac{3}{4}$ -in. hose, 3.00
No. 30, for 500 ft. $\frac{3}{4}$ -in. hose, 5.00



ACME HOSE COUPLERS.

Simplest and best Hose Couplers on the market.

Each, 15c., doz., \$1.25.

Hose Coupler. Iron, for $\frac{3}{4}$ -inch hose. Each, 10c. Straps, Coldwell's, for above. Doz., 10c.



HOSE MENDERS.

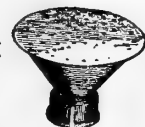
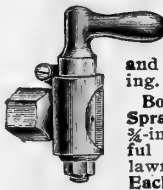
The Cooper. Made of copper, with sharp barbs on each end, which prevent hose from slipping out; $\frac{1}{2}$ or $\frac{3}{4}$ inch. Each, 8c.; per doz., 75c. Iron. For $\frac{3}{4}$ -inch hose, each, 4c.; per doz., 45c.



HOSE NOZZLES.

Bordeaux. For $\frac{3}{4}$ -inch hose, used in spraying insecticides and the best nozzle for whitewashing. Each, 75c.; by mail, 80c.

Boston Rose Spray. Brass; for $\frac{3}{4}$ -inch hose, useful for watering lawn and garden. Each, 50c.; by mail, 60c.



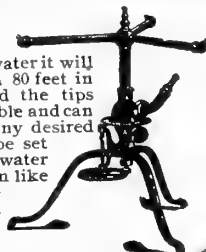
Standard. With stream and 2-inch spray. Each, 80c.; if by mail, 95c. Same with $2\frac{1}{2}$ -inch spray, \$1.00; if by mail, \$1.15.

Gem. Throwing all variations from fine spray to streams, for $\frac{3}{4}$ -inch hose. Each, 40c.; if by mail, each, 50c.



TWIN COMET LAWN SPRINKLER

With a good pressure of water it will thoroughly sprinkle an area 80 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. Will sprinkle four times greater area than any other sprinkler made. Price, \$5.00.



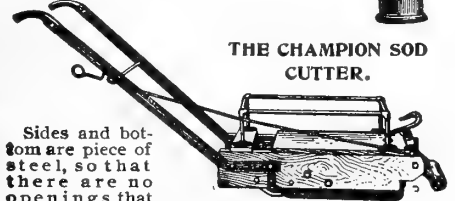
THE LAWN TWIN SPRINKLER.

A unique combination of simplicity, neatness and effectiveness. Having two orifices relatively combined, with their respective outputs intersectionally blending, it distributes with the utmost freedom and completeness. No single sprayer can be compared with it. 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 attached to the eye between the bulbs, Each, 50c.



LINCOLN PARK or Butterfly.

Cheapest and best sprinkler made. Each, 30c. Mounted on stand, 2 foot, 65c.; 4 foot, 85c.; 6 foot, \$1.00.



THE CHAMPION SOD CUTTER.

Sides and bottom are piece of steel, so that there are no openings that can get choked. A whole field can be cut with this machine 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.



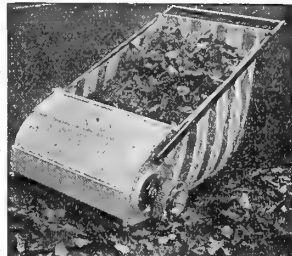
THE "BOSS" LAWN ROLLER.

The benefit derived from the use of a hand roller on the lawn, especially in the spring, is not fully understood. The action of freezing and thawing causes the ground to heave, and if the sod is not firmly pressed back with a Roller before the hot weather begins, the grass is apt to be killed or injured, leaving the lawn full of bare spots.

Diameter.	Face.	Seeti's Weight.	Price.
No. 1, 15 in.	15 in.	2 150 lbs.	\$ 8.50
No. 2, 15 in.	22 in.	3 200 lbs.	11.25
No. 3, 20 in.	16 in.	2 225 lbs.	12.50
No. 4, 20 in.	20 in.	2 250 lbs.	13.00
No. 5, 20 in.	20 in.	1 250 lbs.	13.50
No. 6, 20 in.	24 in.	2 300 lbs.	16.50
No. 7, 24 in.	20 in.	2 400 lbs.	22.00
No. 8, 24 in.	24 in.	2 450 lbs.	25.00
No. 9, 28 in.	24 in.	2 500 lbs.	27.50
No. 10, 28 in.	30 in.	3 600 lbs.	33.00
No. 11, 28 in.	32 in.	4 650 lbs.	36.00

GEM LAWN SWEEPER.

This machine will clean the lawn more thoroughly and quicker than three or four men can do it with hand rakes, and greatly benefit the turf. Made of metal, wood and canvas, and put together in the most durable and thorough manner; this combination makes it lighter and less noisy than all metal. The rakes are flexible, this does not mean that the teeth will bend (and stay bent) if an obstruction is met, but the rake-heads are divided in the middle and each part is hung on easy-swinging hinges and are kept in position by retaining springs. Price, each, \$14.00.



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.

We have sold large quantities of this preparation, and all who have used it declare it to be the best for the purpose of anything they have tried. Large size tin, enough for 100 square yards of path, 75c.



LAWN RAKES.

Automatic Self-Cleaning. A backward motion of the operator clears all the teeth at once. Each.....\$0.65

English Daisy. For running over lawns, tearing off disfiguring daisy and dandelion flowers; 20 teeth. Each.....\$2.75

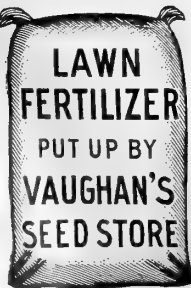
Lawn Queen. 24 steel wire teeth, reversible head. Each.....\$0.45

The Ole Olson Lawn Rake. The teeth are so constructed that when driven into the head they will never shrink from place and cannot fall out. Each, 50c.; 3 for \$1.40; dozen...\$5.25



VAUGHAN'S LAWN FERTILIZER.

Lawn grass is a voracious feeder and will not thrive and hold its beautiful dark green color and velvety appearance unless it receives a sufficient supply of suitable food. Because so few appreciate this fact is the reason there are so many poor, rusty-looking lawns. Stable manure is unpleasant to handle, ill-looking and decidedly odorous, and is also full of waste material. It contains weed seeds which are obnoxious, and it often takes years to eradicate the weeds, causing an unnecessary amount of labor. All these objections are obviated by the use of our Lawn Fertilizer, and if Vaughan's Lawn Seed is used there is no excuse for a bad lawn. 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.



VAUGHAN'S LAWN FERTILIZER PRICES.

Prices: F. O. B. Chicago, 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.60; 100 lbs., \$2.75; 200 lbs., \$5.00; 500 lbs., \$11.00; 1000 lbs., \$20.00; 2000 lbs., \$38.00. F. O. B. New York, 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25; 200 lbs., \$6.00; 500 lbs., \$13.00; 1000 lbs., \$23.50; 2000 lbs., \$45.00.

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. Price, 1000 lbs., \$10.00; 500 lbs., \$5.25; 100 lbs., \$1.25; 50 lbs., 75c.; 25 lbs., 45c.

GYPSUM OR LAND PLASTER.

This is much used as a fertilizer for grass and we can supply it at \$12.00 per ton; \$6.50 per 1000 lbs.; \$3.50 per 500 lbs.; 90c. per 100 lbs.

TOBACCO DUST

Contains some of the elements that induce the growth of grass, and is a good fertilizer for that purpose. 100 lbs., \$2.50; 50 lbs., \$1.35; 25 lbs., 75c.; 10 lbs., 40c.

INSECTICIDES AND FUNGICIDES.

BORDEAUX MIXTURE. (Dry). The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. 1 Lb. will make 5 gallons liquid. Lb., 25c.; postpaid, 40c.; 5 lbs., 75c.; 28 lb. kegs, \$3.65.

BORDEAUX MIXTURE. (Liquid). Ready for use by simply adding water. 1 Gallon will make 50 gallons liquid. 1 Qt., 25c.; 2 qts., 40c.; 5 gals., \$4.00.

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.

Bug Death is a non-poisonous insect-killing powder, that is in high favor, especially among many market gardeners, who use it extensively for cabbage and tomato worms, potato and cucumber bugs, etc. Use 12 lbs. per acre. Price, 15c. per lb.; 3 lbs., 35c.; 5 lbs., 50c.; 12½ lbs., \$1.00; 100 lbs., \$7.00.

Fir Tree Oil. A remedy of merit for greenhouse and house plants, especially for mealy bug, scale, red spider, black and green aphid, thrip, lice, worms and slugs. Small bottle, 25c.; ½ pt., 40c.; pt., 75c.; qt., \$1.25; gallon, \$4.00.

Fir Tree Oil Soap. For thrip, red spider, black and green fly, mealy bug, worms, slugs. Per ½ lb. tin, 25c.; by mail, 35c.

Fostite. A preventive and cure for fungoid diseases, mildew, black rot, leaf blight, rust, etc. Per lb., 15c.; 5 lbs., 50c.

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 and vegetables are nearly ripe. Per lb., 25c., by mail, 40c.

Lemon Oil. Destroys mealy bug, scale, thrip, red spider, etc. ½ pint, 30c.; pint 50c.; quart, 85c.

THE NEW SCALE REMEDY, WITH DIRECTIONS FOR USE.

HORICUM. Sulphur, Lime, Salt, etc., in such proportions as make a most powerful and effectual form for use as a preventive and cure for San Jose Scale. Prepared during the Fall of 1904 by Prof. Benj. Hammond, who has given this question much study. Use one gallon horicum to 20 gallons of water and spray trees when leaves are off. Per gal., \$1.00; 5 gals., \$4.50. 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, flea, beetles, aphid, green fly, mealy bug, also for insects or fruit trees, including San Jose Scale. Per 2 quart can, 35c.; 5 gallon can, \$4.00.

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, air tight cans, 24 sheets, 75c. Postpaid 90c.; 144 sheets; \$3.50, 288 sheets, \$6.50.

Nicoticide. Fumigating compound for killing all kinds of insects on plants in greenhouses and frames.

1 pint, sufficient for 32,000 cubic ft. of space....	\$2.50
½ "	1.25
4 ozs., "	.70
Fumigators for above, each.....	.50

Nicotine. Highly concentrated. Pint..... 1.50

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. Pint, 30c.; quart, 30c.; gallon, \$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. Per lb., 15c.; per 100 lbs., \$1.50.

SLUG SHOT, HAMMOND'S. Guaranteed to destroy potato bugs and those on tomato and egg plants, currant worms, cabbage lice and worms. Price, 5 lb. package, 30c.; 25 to 50 lbs., at 4¼c. per lb. By barrelful, in bulk, 235 lbs., \$9.00 on cars; 3 barrels, in bulk, per 100 lbs., at \$3.60.

PARIS GREEN. A poisonous insecticide in powder 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 quick lime. ½ lb., 15c.; per lb., 25c.; 5 lbs., \$1.10; 14 lbs., \$2.80; 100 lbs., \$18.00.

Solution of Copper. For use on trees, vines or vegetables affected with rot, blight or scab. Per qt., 50c.

Persian Insect Powder. Lb., 40c.; by mail, 55c.

Slug Shot Duster. 35c.

Thrip Juice. Destructive for mealy bug, scale, thrip, codling moth, canker worm, beetles, caterpillars, etc. Per pt., 40c.

TOBACCO DUST. One of the best remedies for green and black aphid, fleas, beetles, etc. Lb., 10c.; by mail, 25c.; 5 lbs., 25c.; 10 lbs., 40c.; 100 lbs., \$2.50.

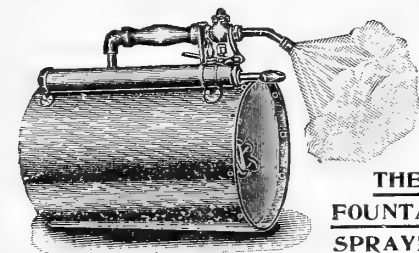
Whale Oil Soap. This is a caustic Potash Soap made from pure fish oil and is free from animal fats or other adulteration. Makes an excellent wash for trees and plants where insects and eggs affect the bark, including the San Jose Scale, also used for smearing on trees to prevent worms crawling up. Per lb., 15c.; 2 lbs., 25c.; 5 lbs., 50c.

Formaldehyde for destroying insects or bacteria in or on seeds, peas, beans or potatoes, (with directions) per 5-lb. bottle, \$1.50; 1-lb. bottle, 35c., not prepaid. If shipped alone, 15c.; extra for packing.

Sprayers and Dusters. For Applying Insecticides, WET OR DRY.



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. \$9.00.



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 funnel-shaped filling plug makes little care necessary and no risk of spilling. 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, \$5.00; Brass Tank, \$6.00.

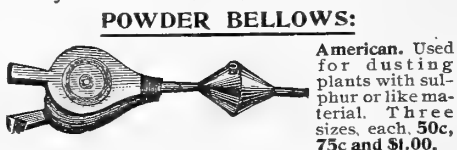
THE JUMBO DUSTER. This duster is designed for use in large orchards, to be operated from a wagon and will dust any dry powder on tall trees, potatoes, etc., spreading the powder from 12 to 15 feet wide. Many growers are side-tracking their liquid sprayers in favor of the dry dust and all who have used the Jumbo are highly satisfied. Price, \$25.00.



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, \$3.25, fitted with lever handle and Bordeaux Nozzle for Whitewashing. \$4.00



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 the ingredients mixing and just how they are working. The glass sprayer will not corrode or rust and if accidentally broken can be replaced at once with a Mason Fruit Jar. Price each, 75c.; 3 for \$2.00.



POWDER BELLOWS: American. Used for dusting plants with sulphur or like material. Three sizes, each, 50c, 75c and \$1.00.
Woodason Powder. Single cone, large size, each, \$1.75; small size for house use, \$1.25; double cone, each, \$2.75.
Woodason Vaporizing. Throws a spray fine as mist, rendering the use of strong solutions perfectly safe on tender plants. Large, \$2.00; medium, \$1.00.

THE WEED KEROSENE KNAPSACK SPRAYERS. The Weed Sprayer mechanically mixes and sprays Kerosene or Crude Petroleum in the act of pumping. The Kerosene is placed in a separate tank from the water and connects in such a way that both Kerosene and water is forced through the pump at each stroke of the plunger, the amount of oil being controlled by a valve. Sprayer can be used either as a knapsack or bucket sprayer. Price complete with 10 foot ½-inch Hose and Vermorel Nozel, \$17.50.



LITTLE GIANT DUSTER. 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, \$5.00.



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. By releasing the lever it closes itself automatically, hence the spray is in perfect control. Price, galvanized iron reservoir, \$4.50; with Auto Pop, \$5.50; solid copper reservoir, \$6.00; with Auto Pop, \$7.00. Extension rods, 2 foot lengths, 35

WE CAN SUPPLY at either Chicago or New York, nearly all kinds of Garden Requisites whether offered on these pages or not. Write us what you need.

"Iron Age" FARM and GARDEN TOOLS for 1905.

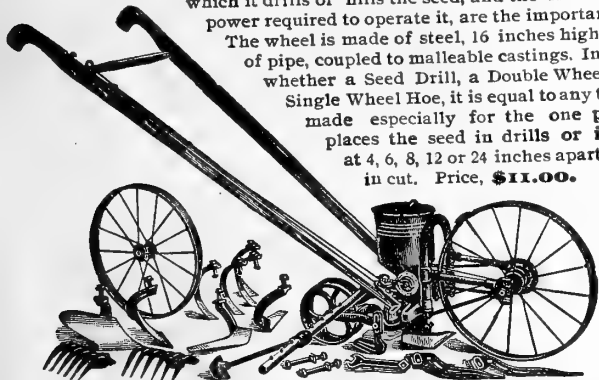
A COMPLETE DESCRIPTIVE "IRON AGE" CATALOGUE SENT FREE ON APPLICATION.

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.

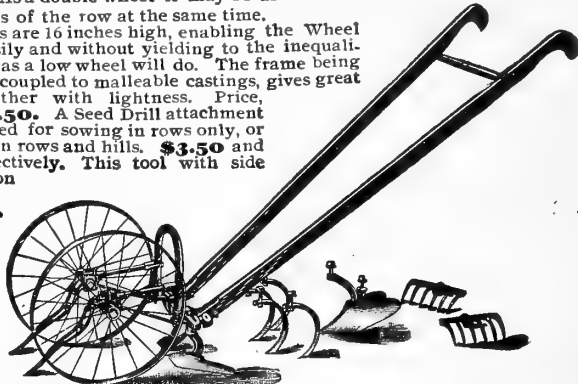
The No. 6 "Iron Age" Combined double Wheel Hoe, Hill and Drill Seeder. This tool is without question the most practical and complete combined garden tool ever offered the public—the ease and simplicity of adjustment, the lightness combined with great strength, the accuracy by which it drills or hills 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 inches apart. Complete in cut. Price, **\$11.00.**



No 1 "Iron Age" Double & 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, **\$6.50.** A Seed Drill attachment may be applied for sowing in rows only, or sowing both in rows and hills. **\$3.50** and **\$4.50** respectively. This tool with side hoes only (Iron Age No. 3). Price, **\$3.75.**



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, **\$10.00** As a Hill and Drill Seeder only (No. 16), **\$7.50.**

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, **\$9.00.**



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, **\$5.50**, as with the No. 1 a seeder attachment may be added at any time. No. 21 plain, (Hoes only). Price, **\$3.50.**



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.

\$3.25.
Iron Age No. 12, this tool, with plow only, Price, **\$2.25.**

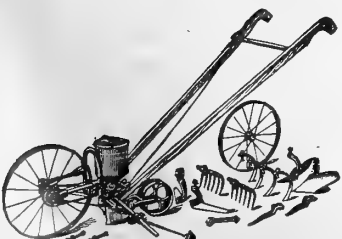


New Model Seed Drill.

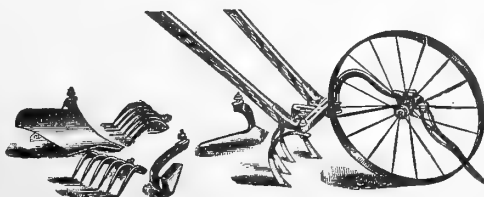
Conceded to be for the Market gardener one of the best seeders on the market. The best value in material, durability and True Merit. Each Drill crated and carefully packed for shipment. Packed weighs about 40 lbs.

Price, **\$7.50**, Prepaid.

THE "IRON AGE" SINGLE WHEEL HOE, CULTIVATOR AND RAKE, No. 9.
Price, **\$4.75.**



The No. 4 "Iron Age" Combination 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 rows. Price, **\$10.00.**



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, **\$10.00.**



"Iron Age" Farm and Garden Tools for 1905—Continued.

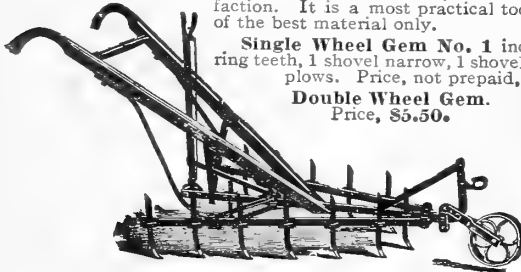
Vaughan's Combined Cultivator and Harrow "Iron Age" No. 1. Complete with wheel and lever expander, price, \$5.70; without wheel, \$5.10. Its teeth are diamond shape with a small cultivator tooth forged on one end. For very close work every other tooth can be quickly removed. This tool is designed especially for the cultivation of berries and small crops, as it thoroughly pulverizes the soil but at the same time throws very little earth.

The Gem Cultivator.

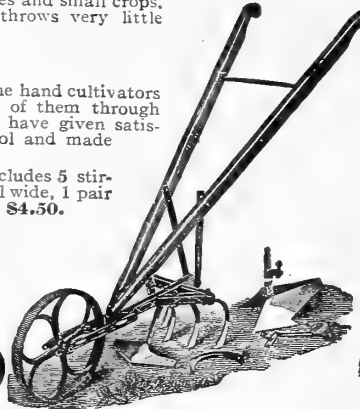
Is without doubt one of the most popular and best of all the hand cultivators made. Over twenty thousand have been sold, over half of them through Vaughan's Seed Store, since they were introduced, and all have given satisfaction. It is a most practical tool and made of the best material only.

Single Wheel Gem No. 1 includes 5 stirring teeth, 1 shovel narrow, 1 shovel wide, 1 pair plows. Price, not prepaid, \$4.50.

Double Wheel Gem. Price, \$5.50.

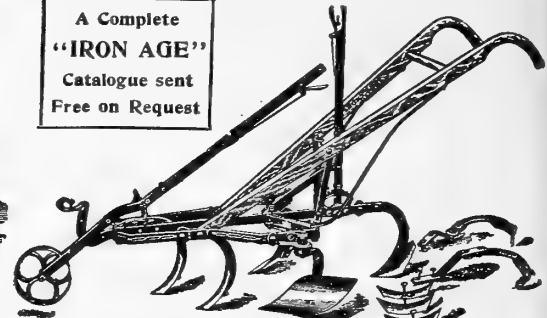


Cultivator No. 1.



The Gem Cultivator.

A Complete "IRON AGE" Catalogue sent Free on Request



No. 6 Horse Hoe.

"Planet, Jr." Garden Tools.

At Special Low Prices to Close Out.

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 500 miles of Chicago or New York.

No. 1. "PLANET JR." COMBINED DRILL AND WHEEL HOE. Satisfactory in every way, both as a drill and as a cultivator. It has a complete set of cultivating tools and all its operations are rapid, easy, perfect and delightful. When used as a drill the seed is sown with great regularity and at uniform depth. Hopper holds one quart. From a drill it is changed to its other uses by unscrewing but two bolts, when any of the attachments can be quickly made ready for use. Price, \$8.65.

No. 3. "PLANET JR." HILL AND DRILL SEEDER not only sows evenly in drills but also drops accurately in hills at 4, 6, 8, 12 and 24 inches apart. The hopper holds 3 quarts, 15 in. wheel. This drill is simple, strong and easily adjusted and does not get out of order. Price, \$9.45.

No. 4. "PLANET JR." COMBINED HILL AND DRILL SEEDER, SINGLE WHEEL HOE, CULTIVATOR AND PLOW. With this one implement the small farmer can do practically all his work. Price, complete, \$9.45; as a drill only, \$7.70.

No. 5. "PLANET JR." HILL AND DRILL SEEDER. This is the same tool as No. 3 Seeder, except that it is larger in size. Hopper holds 5 quarts, 16 1/2 inch steel driving wheel. Price, \$11.70.

HAND CULTIVATORS.

FIREFLY HAND PLOW. Price, \$2.35.

No. 10. "PLANET JR." DOUBLE WHEEL HOE, PLAIN. Price, \$4.00.

No. 10. "PLANET JR." DOUBLE WHEEL HOE, COMPLETE. Ea., \$6.25

No. 11. "PLANET JR." DOUBLE WHEEL HOE. One pair 6-inch Hoes; two pairs Hollow Steel Cultivator Teeth; one pair Plows; two 3-tooth Rakes; two 5-tooth Rakes and two Leaf Lifters. Price, \$8.10.

No. 13. "PLANET JR." DOUBLE WHEEL HOE, with 6-inch Hoes only. Price, \$4.30.

No. 16. "PLANET JR." SINGLE WHEEL HOE With Plow, two Hoes, three Cultivator Teeth, two Rakes and Leaf Lifter. Price, \$5.20.

No. 17 "PLANET JR." SINGLE WHEEL HOE. This is the same style as other Single Wheel Hoes, and the Plow, Cultivator Teeth or Rakes, any of them you need may be added to this machine and will fit. With Plow, two Hoes and three Teeth, Price, \$4.30.

No. 18. "PLANET JR." SINGLE WHEEL HOE. With 6 inch Hoes. Price, \$3.00.

HORSE TOOLS.

No. 8 "PLANET JR." HORSE HOE. The Combined Horse Hoe and Cultivator is strongly built, yet it is light and easy to handle. The frame is longer than usual and about 1 1/2 inches higher, making a tool that will not clog easily. The standards are formed up hollow, with round throats of stiff steel; they polish quickly and free themselves readily from obstructions. The depth is under perfect control by means of a lever wheel and depth regulator. The expander is exceedingly strong, simple, accurate and positive in all positions. Price, \$7.75.

"PLANET JR." 12-TOOTH CULTIVATOR. This tool has rapidly grown into favor. It has a high frame and the chisel-shape teeth cut an inch wide each. It cultivates deep without throwing earth upon the plants, and the smooth, round-throated teeth turn strawberry runners without injuring them. Prices, plain, \$5.30; with wheel, \$6.40; complete, \$8.00.

"PLANET JR." CELERY HILLER, SINGLE. Price, \$10.50.

"PLANET JR." CELERY HILLER, DOUBLE. Price, \$13.50.

"PLANET JR." POTATO DIGGER, SINGLE MOULDBOARD. Ea., \$12.00

"PLANET JR." POTATO DIGGER, DOUBLE MOULDBOARD. Ea., \$14.00

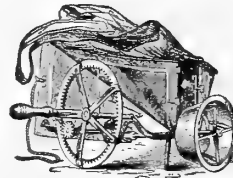
SPECIAL DELIVERY OF GARDEN TOOLS.

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, Distributor and Drill Seeder. Price, \$17.00.

"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, \$8.50; without Furrow Closing Attachments, \$7.25; with Plain Wheel and, without Furrow Closing Attachment, \$6.75.

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, 5 1/4 pounds. Price, each, \$2.90.



Matthew's Square Box Seed Drill, Each, \$7.50.

HAND CORN PLANTERS.

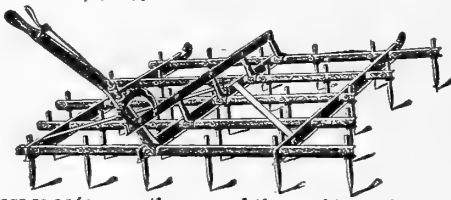
"The Champion." With Pumpkin Seed Attachment. Pumpkin seed may be planted at the same time with corn from the pumpkin seed attachment. It is light, simple, strong and durable, and the uniformity of its dropping unequalled. Price, \$1.50.

"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.



CHAMPION EAGLE CORN PLANTERS

Perfect Steel Lever Harrow.



All Steel. Easily adjusted. Made in two sections, 30 teeth in section; light, strong and flexible. The teeth are spaced and arranged on the bars so as to cover the ground thoroughly, and not to track with each other. They can be pitched forward so as to penetrate and pulverize, or slanted backward for smoothing or clearing themselves quickly and at the will of the operator. Price, \$10.50.

Shovel Plow With Hinged Wings.



This is one of the most valuable tools a market gardener can have. The wings are adjustable and can be set to suit any width of row. Price, \$3.00.

Common Sense Potato Digger.



The Original Potato Digger. One of the greatest labor-saving, most practical and simplest machines on the market for the farmer to-day. Has three rods and a plate on each side. The depth is regulated by the shoe in the rear. Price, \$7.00.

Grow Mangels, Carrots, Rutabagas and Sugar Beets for your stock. Keeps them well and fat. Adds much to their value at very little expense. See other pages.

MARKET GARDENING.

The value of Commercial Animal Fertilizers to the market gardener cannot be overestimated. Compared with the results secured by the use of Fertilizers, their cost is insignificant. They greatly increase not only the yield, but also its quality, and, what is of immense importance, they push the crops rapidly forward to maturity, getting them into market early, and thus insuring a better price.

VAUGHAN'S HIGH-GRADE TRUCK AND FARM MANURE.



This is our best brand of concentrated Manure, suitable for lawns and flowers as well as the 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	500 lbs. per acre.
Essex Rape....	at the rate of 200 to 1000 "	"
Asparagus....	" " 400 to 600 "	"
Beans.....	" " 500 to 1500 "	"
Beet.....	" " 400 to 1500 "	"
Cabbage.....	" " 300 to 800 "	"
Carrot.....	" " 300 to 800 "	"
Celery.....	" " 400 to 800 "	"
Cucumber.....	" " 500 to 1000 "	"
Lettuce.....	" " 500 to 1500 "	"
Onion.....	" " 500 to 1000 "	"
Tomato.....	" " 500 to 1000 "	"
Strawberries.	" " 500 to 1000 "	"

Price, 25 lbs., 70c.; 50 lbs., \$1.25; 100 lbs., \$2.00; 200 lbs., \$3.75; 1000 lbs., \$17.75; 2000 lbs., \$35.00.

NITRATE OF SODA, or Chiff 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 nitrate. 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.

The lumps in this should be removed by sifting; they should be broken up, which is easily done by pounding.

For Asparagus, a top-dressing of 250 lbs. per acre just as soon as the first shoots make their appearance.

For Beets, a top-dressing of from 50 to 100 lbs. per acre once every week or ten days for at least three or four weeks after the plants have well started.

For Cabbage and Cauliflower, a top-dressing of 100 lbs. per acre after the plants have begun to make growth after transplanting, and 200 lbs. per acre more after the heads begin to form.

For Cucumbers for Pickles, a top-dressing of 100 lbs. per acre after the plants begin to run.

For Celery, frequent and reasonably heavy top-dressings of 100 lbs. per acre or more well worked into the soil after the plants are established.

For Egg Plant, Spinach and Lettuce, a top-dressing of 100 lbs. per acre after the plants are well started.

For Onions, a top-dressing of from 75 to 100 lbs. two or three times at intervals of about three weeks, after the crops have well started.

For Strawberries, a top-dressing of about 100 lbs. per acre after the plants have blossomed.

PRICE (subject to market changes). 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 100 lbs., \$3.50; 500 lbs., \$16.50 Write for prices on larger quantities.

VAUGHAN'S MANURE FOR THE 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 and produce fine vegetables.

Price 5-lb. box, 30c.; 10 lbs., 50c.; 25-lb. bag, \$1.00.

"THE FIELD AND GARDEN."

Is the title of a booklet on Fertilizers with some general suggestions for the culture of the more important Field and Garden crops. We will mail a copy free to those who ask for it.

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, 5 lbs., 50c.; 10 lbs., 80c.; 25 lbs., \$1.85; 50 lbs., \$3.25; 100 lbs., \$6.25.

GUANO.

A standard Fertilizer. Price, 5 lbs., 40c.; 10 lbs., 70c.; 50 lbs., \$2.75; 100 lbs., \$5.00. Write for price on larger lots—subject to market changes.

BOWKER'S PLANT FOOD. A first-class plant food. Small size pkg., 15c.; by mail, 20c.; large size pkg., 25c.; by mail, 40c.

The Yield and Quality of Vegetables Depend Upon Continuous and Rapid Growth.

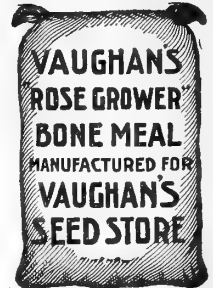
It has been demonstrated that market-garden crops of the best quality are those which are grown under conditions which permit of a continuous and rapid development. Any delay in the growth of a lettuce or radish causes that sharp and pungent flavor of the former and the bitterness and toughened fibre 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 "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, 4 1/2 to 5 1/2 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., \$2.00; 200 lbs., \$3.50; 500 lbs., \$8.00; 1000 lbs., \$15.50; 2000 lbs., \$30.00.

QUANTITY REQUIRED.—For permanent pasture and mowing lands 1/2 to 1 ton per acre; for trees and vines, 2 to 4 quarts each; for top-dressing, 1000 to 1500 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 ft.



ORDINARY BONE MEAL. 5 lbs., 20c.; 10 lbs., 35c.; 25 lbs., 60c.; 50 lbs., \$1.00; 100 lbs., \$1.50; 200 lbs., \$2.85; 500 lbs., \$7.00; 1000 lbs., \$13.50; 2000 lbs., \$27.00.

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, etc., also very effective as an early top-dressing for strawberries, suitable for all soils (except sour). Quantity of pounds to be used per acre: Corn, 300 to 500; Clover, 200; Timothy, 200; Pastures, 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., \$2.00; 200 lbs., \$3.50; 1000 lbs., \$15.50; 2000 lbs., \$30.00.

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. 5 lbs., 40c.; 10 lbs., 70c.; 25 lbs., \$1.25; 100 lbs., \$3.50.

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 1000; Potato, 500 to 1000; Sage, 200 to 600; Salsify, 500 to 1000; Turnip, 600 to 1000; Blackberry 400 to 800; Grapes, 400 to 600; Strawberries, 500 to 1000.

Price, 25 lbs., 60c.; 50 lbs., 95c.; 100 lbs., \$1.65; 200 lbs., \$3.25; 500 lbs., \$7.00; 1000 lbs., \$13.50; 2000 lbs., \$26.00.

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 pounds per acre. 100 lbs., \$3.00; 200 lbs., \$5.80; 500 lbs., \$13.75; 1000 lbs., \$27.00; 2000 lbs., \$53.00.

SULPHATE OF POTASH.

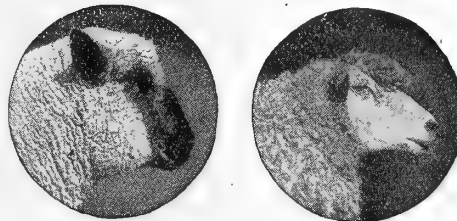
A desirable form of Potash to be used on all crops, but especially on tobacco, hops, potatoes, flax, sugar beets, cabbage or cauliflower. Use 50 to 400 lbs. per acre. 100 lbs., \$3.50; 200 lbs., \$6.75; 500 lbs., \$15.00; 1000 lbs., \$29.00; 2000 lbs., \$58.00.

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 drill in from 300 to 500 lbs. per acre. Price, 25 lbs., 50c.; 50 lbs., 85c.; 100 lbs., \$1.50; 200 lbs., \$2.80; 1000 lbs., \$12.50; 2000 lbs., \$24.00.

VAUGHAN'S LAWN FERTILIZER.

See page 119.



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. Strewed over and dug into the vegetable garden or placed directly in drills or hills, it promotes arapid, 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.

Price, per 50 lbs., \$1.00; 100 lbs., \$1.75; 500 lbs., \$6.50; if shipped from New York. Per 50 lbs., 75c.; 100 lbs., \$1.35; 500 lbs., \$5.00; 1000 lbs., \$9.00; 2000 lbs., \$17.00; if shipped from Chicago. Smaller lots, 5 lbs., 20c.; 10 lbs., 30c.; 25 lbs., 45c., by express.

KAINIT

Or German Potash Salt.

This contains on 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., \$6.00; 1000 lbs., \$11.00.

VAUGHAN'S

CONCENTRATED PLANT FOOD.

This is a most useful fertilizer for all kinds of plants raised in pots. It produces a rapid and vigorous growth and an abundance of flowers. Odorless and takes the place of liquid manure. Drives insects out of the soil.



Pkg. containing food for 20 plants for 3 months, 15c.; 3 for 40c.; if by mail, add 8c. per pkg. Large pkg., containing sufficient plant food for one year, 25c.; 3 for 65c.; if by mail, add 15c. per pkg. Each package contains full directions.

REGARDING PRICES.—The above prices on Clay's Fertilizer, Nitrate of Soda, Horn Shavings, Land Plaster, 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 1000 lbs. or over to the above prices.

MATERIALS FOR CONSTRUCTION WORK



SCHOLARS WEAVING BASKETS WITH VAUGHAN'S RAFFIA

Raffia Fibre

Raffia is the name given to a long-leaved palm found on the Island of Madagascar. The outer skin of the leaves is stripped off by the natives and tied in long hanks or braids, after which it is packed in bales ready for shipment. As a weaving material it is ideal, combining, as it does, softness and flexibility with great strength. The strands average three feet in length; this gives it a decided advantage over splints and grasses.

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.

Many fancy and useful articles can be made of Raffia. Baskets of all shapes and patterns, plaques, napkin rings, chatelaines, photo frames, whisk broom holders, and a hundred other things that ingenuity can devise are possible when this material is used.

Natural. Bunch (about 3 ozs) \$0.10
Natural. Per pound25
Natural. Five pounds 1.00
Needles. For Raffia Work. Per paper10
 Colored. Bunch (about 2 ozs) \$0.10
 Colored. Per pound75
 Mixed Colors. Per bunch10
 By mail, 1 cent per ounce extra.

Reeds (Rattan)

Since the recent awakening to the importance of basketry Rattan has been brought into marked prominence. Like Raffia, it is also a palm, growing to an astonishing height and found mainly in China and the Philippine Islands. Nos. 1 to 8 are the common sizes, 6 and 8 being used for the coarser work.

No. 1	Oz.	¼ lb.	Lb.	No. 5	Oz.	¼ lb.	Lb.
No. 2	\$0.40	\$0.55	\$1.25	No. 6	\$0.05	\$0.18	\$0.60
No. 3 . . . . .	.08	.30	1.00	No. 7 . . . . .	.04	.15	.50
No. 4 . . . . .	.07	.22	.75	No. 8 . . . . .	.04	.13	.45
No. 4 . . . . .	.07	.22	.75	By mail 16c per lb. extra.			

Indian Sweet Grass

Sweet Grass is an excellent basket-weaving material, and may be combined with Raffia with charming effects. As its name implies it possesses a delightful fragrance.

Oz. \$0.15 ¼ lb. \$0.40
 1 lb. 1.25 Postpaid.

Pine Needles

These are from the Georgia Pine. The Needles are about twelve inches long, and are an excellent addition to the basket-weaving materials.

Oz. \$0.05 ¼ lb. \$0.20
 Lb.65 Postpaid.

Wood Ribbon

Oz. .12 ¼ lb. .35 1 lb. 1.20 Postpaid.

Indian Splints Assorted Colors.

Oz. .20 ¼ lb. .45 1 lb. 1.50 Postpaid.

BASKET BOOKS—POSTPAID.

Basket Making. Morse. Paper, 22 pages, illustrated. For beginners. 25c.
How to Make Baskets is the title of a very instructive work, by Mary White. Bound in cloth, 194 pages, illustrated. Price \$1.00.
More Baskets. Mary White. Cloth 155 pages, illustrated. \$1.00.
Raffia and Reed Weaving. Knapp. Cloth, 132 pages, illustrated. 50c.
Indian Basketry. James. Cloth, 402 pages, illustrated. \$2.50.

NITRO-CULTURE The new method of inoculating the soil for the benefit of leguminous crops, such as Alfalfa, Cow Peas, Soja and Velvet Beans is being practiced successfully.

We supply Packets—see offer elsewhere, and write us for particulars. Nitro-Culture cannot be expected to produce results where soil is sour or lacking in lime, potash or phosphates.

GARDENERS' SITUATIONS A register of applications of gardeners open for engagement and employers seeking reliable men is kept at both New York and Chicago offices.

We can often advise both parties interested. We have aided many each year. There is no fee.

JAPANESE FLOWER LAWN COMPETITION

AWARDS OF PRIZES

First Prize, \$25.00, to Margaret E. Phillips, Duxbury, Mass. **Second Prize, and Third Prize**, a tie, \$5.00 each to Julia A. Chubb, Lakewood, O., and Ida A. Mullen, McLean, N. Y. **Fourth Prize, \$5.00**, to Miss Hester T. Fuller, Greenville, Mich. **Dollar Prizes**, to next best awarded Emma A. Wyler, Kas., Lora A. Cole, Mass., Mrs. Wm. Moellering, Iowa, Julia A. Post, Mich., Sara Ruder, Wis., Mrs. Anna A. Ihrig, Wis., Mrs. H. E. Richardson, So. Dak.

HOW TO MAKE MONEY WITH VAUGHAN'S SEEDS

THOUSANDS of dollars have been spent on Ginseng, because some visionary person has figured out how much money could be made from half an acre or other small area, but he has not said that it will require six years to get any returns. Furthermore, they now say the cultivated Ginseng is not what the Chinese want, lacking certain medicinal properties of the wild. We suggest the following as more certain money makers:

ASTER The attractive and best selling colors are white, pink and lavender. These are always in good demand. Florists, druggists and other merchants will buy and use them for their counter displays.

SWEET PEAS What we say of Asters are equally true of these beautiful and striking colors of Sweet Peas, which are particularly adapted for cut flower work.

VEGETABLE PLANTS There is always a great demand for Cabbage, Cauliflower, Pepper, Egg Plant and Celery Plants. An ounce of each of these, which can be purchased at a cost of approximately \$1.00, will easily yield from \$30.00 to \$50.00 if properly cared for.

PARSLEY A quarter of a pound of Parsley of our Champion Moss Curled, will, if bunched and sold in the markets, produce \$50.00 or more.

PEAS, BEANS and SWEET CORN Are always in demand if well grown and fresh; one or two quarts of each, which will not cost more than \$1.00, can easily be made to return from \$25.00 to \$40.00. Cucumbers, Beets and Squash can be made to pay equally well.

MUSHROOM SPAWN If you have right conditions to grow Mushrooms (cellars and sheds are best), you can earn a great deal of money from small capital and labor.

RHUBARB This is another money-maker. One dozen to 25 clumps will yield an abundant supply of Rhubarb, particularly if the plants are well cultivated and matured.

ASPARAGUS There is perhaps nothing that will yield as much as this vegetable. \$500.00 an acre after the plants are well started, that is two or three years after planting, is but a moderate estimate of the returns.

ONION SETS There are perhaps 9,000 Sets in a bushel and everybody knows what a bunch of green Onions costs in the market early in the Spring. If there is a good demand for green Onions, they can be sold in that way. If there is not sufficient demand, the Onions can be allowed to remain to grow large Onions, which can be kept from September to May, and best market prices secured.

Vaughan's Gardeners' Calendar

This vest-pocket Diary and Calendar met with so favorable a reception last year that we have prepared a new edition for 1905.

We have already mailed this new edition as a Christmas present to every gardener who bought from us in 1904. Any such who fails to receive it is requested to communicate with us.

All other Gardeners can get it by sending us a trial order for seeds amounting \$5.00 or over.

We give below the table of its Contents, also a few of our specialties we deem indispensable for the best 1905 Gardens.

Seeds Chrysanthemum, Morning Star and Evening Star.

Stocks. Beauty of Niece.
Sweet Peas. Countess Spencer, Flora Norton and Mrs. Higginson, Jr.
 Ideal Aster, Large Flowering Schizanthus, Nicotiana, Sanderæ, etc.

Bulbs Gladiolus, Princes and White Lady.

Tuberous Begonias. For Bedding. Lafayette, Count Zeppelin, Bertini, etc.

Plants Baby Rambler Rose. (Mad. N. Levavasseur)
Dahlias. "Sylvia," Kriemhilde, Loadstone, Britannia, Gen. Bieller, Wm. Agnew, Katherine Duer and others.

Vaughan's Calendar

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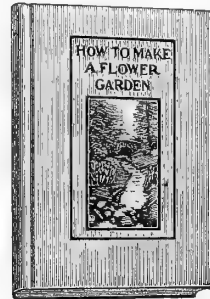
BOOKS, Alphabetical List

The Prices Quoted on this Page Include Postage.

RURAL BOOKS. The Prices Quoted Below Include Postage.

Alfalfa. F. D. Coburn. Illustrated. Cloth; 164 pages.....	\$0.50
Art of Propagation. Treats of trees and plants. Paper; 31 pages.....	.30
Artificial Incubating and Brooding. Paper; 140 pages.....	.50
Asparagus Culture. Barnes & Robinson. Cloth; 85 pages.....	.50
Asparagus Culture. F. M. Hexamer. Illustrated. Cloth; 174 pages.....	.50
Barn Plans and Outbuildings. 257 illustrations. Cloth.....	1.00
Basket Making. T. V. Morse. Paper; 28 pages.....	.25
Bead Designs. T. V. Morse. Paper; 20 pages.....	.25
Bead Work. T. V. Morse. Pages illustrated. Paper.....	.25
Bee Culture. A. B. C. of. A. I. Root. Cloth; 472 pages.....	1.25
Broom Corn and Brooms. Illustrated. Cloth; 59 pages.....	.30
Cabbage. Treatise on. Gregory. Paper.....	.30
Carnation Culture. Ward. Illustrated. Cloth; 290 pages.....	3.50
Carnation Culture. L. I. Lamborn. Cloth; 175 pages.....	1.50
Carrots and Mangels. Gregory. Paper.....	.30
Celery Manual. Vaughan's. Paper.....	.50
Chrysanthemum Culture for America. By J. Morton. Cloth, \$; paper.....	.60
Cook Book. Vaughan's Vegetable. Paper, 25c; cloth.....	.40
Corn. The Book of. Illustrated. Cloth; 368 pages.....	1.50
Dahlia. Culture. Peacock. Paper; 65 pages.....	.50
Farm Appliances. Illustrated. Very valuable. Cloth; 192 pages.....	1.00
Farm Drainage. French's. Cloth; 381 pages.....	1.50
Farm Gardening and Seed Growing. Brill. Cloth; 164 pages.....	1.00
Farm Poultry Doctor. Dr. N. W. Sanborn. Paper.....	.50
Fertility, The, of the Land. By I. S. Roberts. Cloth; 415 pages.....	1.25
Fertilizers. By Prof. E. B. Voorhees. Cloth; 335 pages.....	1.00
Fertilizers. Gregory. Paper.....	.40
Floriculture, Practical. Henderson. Cloth; 320 pages.....	1.50
Flower Bulbs. By Rexford. Practical and valuable.....	.25
Forcing Book, The. By Prof. Bailey. A manual of the cultivation of vegetables in glass houses. 86 illustrations. Cloth; 266 pages.....	1.00
Forestry, Practical. By A. S. Fuller. Illustrated. Cloth; 284 pages.....	1.40
Fumigation Methods. Prof. Johnson. Illustrated. Cloth; 309 pages.....	1.00
Fruit Garden. Barry's. Cloth; 505 pages.....	1.50
Fruit Growing. The Principles of. L. H. Bailey. Cloth; 514 pages.....	1.25
Gardening for Pleasure. New revised edition. Henderson. Cloth; 398 pages.....	1.50
Gardening for Profit. Henderson. Latest edition. Cloth; 369 pages.....	1.50
Garden Making. By Prof. Bailey. Illustrated. Cloth; 411 pages.....	.70
Ginseng, its Cultivation, Harvesting, Marketing. Cloth; 40 pages.....	.50
Grape Culturist. Fuller's. Cloth. 150 illustrations.....	1.50
Grape Growing and Wine Making. G. Husmann. Cloth; 265 pages.....	1.50
Greenhouse Construction. L. R. Taft. Illustrated. Cloth; 208 pages.....	1.50
Greenhouse Management. L. R. Taft. Illustrated. Cloth; 375 pages.....	1.50
Handbook of Plants. Henderson's new and revised edition. Cloth; 525 pages.....	3.00
Hop, The. Cloth; gold bound. By H. Myrick. 260 pages.....	1.50
Horticulturist's Rule Book. By L. H. Bailey. Very useful for fruit growers, truck gardeners, florists and others. Cloth; 292 pages.....	.75
House Plants, and How to Succeed With Them. L. P. Hillhouse. 209 pages.....	1.00
How to Grow Cut Flowers. By M. A. Hunt. 225 pages. Cloth. Invaluable to any one beginning this business, covering every department.....	1.50
How to Make a Flower Garden. Illustrated. Cloth; 325 pages.....	1.60
How to Make Baskets. White. Cloth. 194 pages.....	1.00
How to Plan Home Grounds. Parsons. Cloth; 246 pages.....	1.00
Indian Basketry. James. Illustrated. Cloth; 402 pages.....	2.50
Irrigation for the Farm and Garden. By H. Stewart. Cloth.....	1.00
Landscape Gardening. Prof. Waugh. Illustrated. Cloth; 150 pages.....	.50
Lilies, Wallace's Notes on. Illustrated. Cloth; 215 pages.....	2.00
Little Chicks. Good treatise on Chicken Raising. Paper; 144 pages.....	.50
Manures, Methods of Making. By Bommer. Paper; 83 pages.....	.40
Manures, Talks on. By Jas. Harris. Cloth; 366 pages.....	1.50
Market Gardening, Success in. Rawson. Cloth; 249 pages.....	1.00
More Baskets and How to Make Them. Mary White. Cloth; 157 pages.....	1.00
Mushroom Culture. Robinson. Cloth. Illustrated; 165 pages.....	.50
Mushrooms, How to Grow. Frazer. Paper cover; 14 pages.....	.10
Mushrooms, How to Grow Them. By Wm. Falconer. Cloth; 160 pages.....	1.00
Nursery Book, The. By L. H. Bailey. Cloth; 365 pages.....	1.00
New Onion Culture. By Greiner. Cloth; 110 pages.....	.50
Onions, Treatise on. By Gregory. Paper; 66 pages.....	.30
Peanut Plant, its Cultivation and Uses. By Jones. Paper; 70 pages.....	.40
Potato Culture, The A B C of. By A. I. Root. Paper; 285 pages.....	.45
Poultry Craft. The best book for all. John H. Robinson. Cloth.....	2.00
Practical Garden Book, The. Hunn & Bailey. Cloth; 250 pages.....	.75
Raffia and Reed Weaving. Kuapp. Paper; 132 pages.....	.50
Residential Sites and Environments. J. F. Johnson. Cloth; 114 pages.....	2.50

Rhubarb Culture, The New. Morse. A complete guide. Cloth; 130 pages.....	\$0.50
Rose, The. By H. B. Ellwanger. Cloth; 308 pages.....	1.25
Soil, The. Prof. King. Cloth; 294 pages.....	.75
Spraying, The, of Plants. By E. G. Lodeman. Cloth; 399 pages.....	1.00
Strawberry Culture, A. B. C. of. Terry. Paper; 232 pages.....	.45
Success with Poultry. Grant M. Curtis. Paper cover.....	1.00
Sweet Potato Culture. James Fitz. Cloth; 85 pages.....	.50
Tobacco Culture. Paper; 50 pages.....	.25
Tomato Culture. A. I. Root. Paper; 150 pages.....	.35
Vegetable Gardening, Principles of. L. A. Bailey. Cloth; 450 pages.....	1.25
Vegetable Garden. Vaughan's. Paper.....	.10
Vegetable Gardening. Prof. Green. Illustrated. Cloth; 243 pages.....	.65
Violet Culture, Commercial. B. T. Galloway. Cloth; 240 pages.....	1.50
Window Flower Garden. Heinrich's. Illustrated. Cloth.....	.50
Woman's Hardy Garden, A. Ely. Illustrated. Cloth; 205 pages.....	1.75
Work in the Garden. J. Huber. Cloth; 57 pages.....	1.00
500 Questions and Answers on Poultry Subjects. Paper.....	.25



A NEW BOOK!
A Book that Everyone should have that has a Garden.

HOW TO MAKE A FLOWER GARDEN

A manual of practical information and suggestions.

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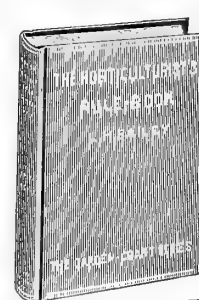
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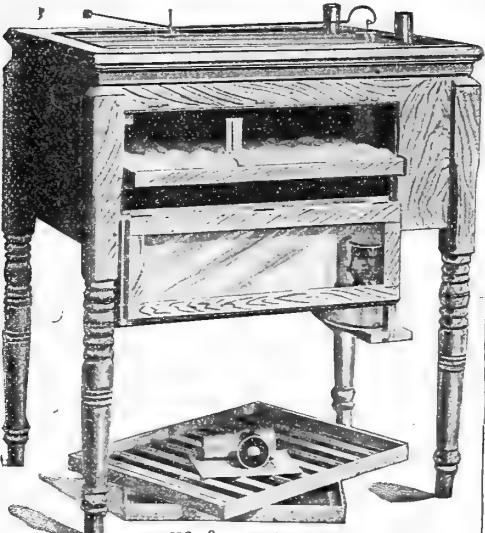
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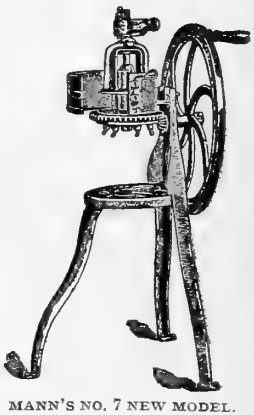
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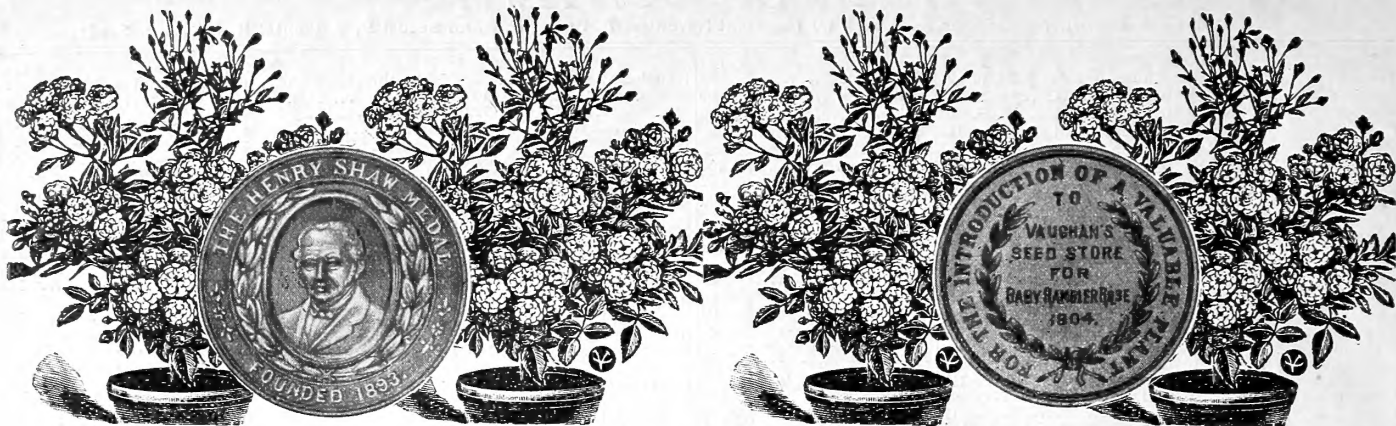
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The New Rose—Baby Rambler.

The Everblooming Dwarf Crimson Rambler.

This new Rose, which was sent out by the name of Mme. Norbert Levassieur, is a cross between Crimson Rambler and Glory of Polyanthas, retaining the color of the former with the exceedingly free flowering habit of the latter, as well as its dwarf growth.

The plants are very vigorous, grow to a height of about 24 inches. The foliage is dark, glossy, profuse and remarkably free from insects and fungus.

The flowers are borne in clusters, 30, 40 and 50 flowers to a cluster. They are in every way just like those of the Climbing Crimson Rambler and are produced perpetually. We have closely watched this new Rose in our greenhouses since November, 1903, and they have never been without flowers from that time until the present day. We had a large bed in our grounds at Western Springs and there the plants were constantly in bloom until November—even in the hottest weather. This is a remarkable record. We have grown thousands of varieties of Roses but have never met one that possessed all these remarkable qualities combined.

It is the Rose for bedding out. No garden, no matter how small or large should be without it. There is no Rose in existence that equals it in freedom of bloom and perpetual blooming qualities.

Prices: 2 INCH POT PLANTS, ready March 20th, each 40c., 3 for \$1.00, 12 for \$4.00, prepaid by mail. 100 for \$25.00, by express.

DORMANT one year old field plants, ready now. Each, 75c.; 3 for \$2.00; 12 for \$7.50; 100 for \$55.00; if to go by mail add 5c per plant.

After May 15th, which is too late for dormant plants, we will send 4 inch pot plants instead. Price: each, 60c; 3 for \$1.75; 12 for \$6.50; 100 for \$50.00; all to go by express.

We also have a few hundred of extra large 3 year old plants, which we offer at \$2.00 each; 3 for \$5.00; 12 for \$18.00, while stock lasts.

The greatest bedding and forcing rose in existence.

It blooms every day of the year in the house. Out of doors from May until November.

It is perfectly hardy and remarkably vigorous and free from insects and fungus.

A Prize Winner—it has taken the following five prizes:

The Grand Silver Medal at Paris in May.

First-class certificate of merit by the National Horticultural Society in France.

First-class certificate by the Royal Horticultural Society of London.

First-class certificate by the National Rose Society of England.

Gold Medal by the Horticultural Society of Orleans and at St. Louis.

ISLIP, L. I., N. Y.—The Baby Rambler Rose I got from you dormant March 7th, 1904, was in full bloom at Easter in pot. I planted it outside May 15th. It has been blooming freely ever since and is good for all Summer to come.

JOHN J. ROGERS.

I was in St. Louis Oct. 20th attending the World's Fair and saw your ever-blooming Baby Rambler in full bloom on the grounds. I am delighted with it. If it will bloom that way for me I will be more than satisfied.

MRS. JOE HUDSPETH, Booneville, Ind.

ELBERON, N. J.—The Baby Rambler which was received by me about February 1st., has been constantly in bloom ever since and today has several clusters. It is all you claim for it.

A. CORBIN, Gardener.

NEWPORT, R. I.—"We have lately heard very pleasing accounts of the new Baby Rambler, Mme. Norbert Levassieur, put out by Vaughan's Seed Store. This rose is certainly an everblooming one, as up to ten days ago some plants in the open ground were a mass of bloom. It will make a fine bedding plant, and without doubt will be very largely used."

AMERICAN FLORIST, Dec. 3, 1904.

KING HUMBERT The New Giant Flowered Canna.

One of the Gold Medal varieties at the World's Fair at St. Louis, and central figure in our "Grazd Prize" bedding display. See page 1.

The Grandest type of Canna flower and plant yet produced.

Of the scores of varieties of these noble flowering and foliage plants put on the market of late years, this one undoubtedly takes the lead not only for size and color of flowers but also for its noble habit, massive and handsome bronze foliage, and above all its unusual free flowering character and substance of individual flowers. It takes a good Canna nowadays to make a sensation for there are many good ones, but King Humbert, of all the varieties shown at the World's Fair, is the one which was most prominent and which expert plant jurors pronounced of Gold Medal Merit.

This is a cross between the large or Orchid-flowering varieties and those raised by M. Crozy, of Lyons, France, and combining the best qualities of both sections. It is very free flowering, throwing up freely strong spikes with enormous heads of the largest flowers yet grown, of great substance and resisting much more the wind and rain than other kinds.

The color is of a brilliant rich orange scarlet and crimson striped. The foliage is of a rich bronzy color, very large and ornamental and of a leathery feature and stout. The plant is a robust grower, averaging about 4½ feet. When seen growing in our Canna fields this summer or as shown at the World's Fair it was truly a king of Cannas.

Prices:

Size A, PLANTS FROM 3 INCH POTS, each 50c.; 3 for \$1.25; 12 for \$5.00.

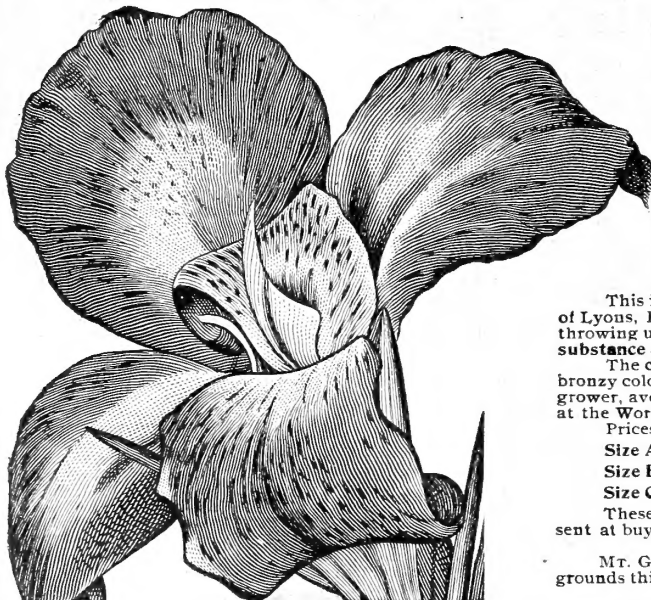
Size B, " " 4 " " " 75c.; 3 for \$2.00; 12 for \$7.50.

Size C, " " 5 " " " ready May 10th, each, \$1.00; 3 for \$2.50; 12 for \$10.00.

These prices for A and B include postage or express charges (if delivered at our store or if sent at buyers' expense we furnish stronger plants); size C does not include prepayment

MT. GREENWOOD, ILL.—I have been watching the large bed of King Humbert Canna on our grounds this season. It is far the best of any bronze leaf or any large flowering Canna I have seen.

W. N. RUDD.



'KING HUMBERT'

THE GOLD MEDAL CANNA

The New Giant Flowered and the
Grandest Bronze Leaved
Canna ever introduced

FOR DESCRIPTION
SEE OPPOSITE PAGE



PRICES:
SIZE A Plants from 3 in-pots, each 50¢, 3 for \$1.25; 12 for \$5.00
SIZE B " " 4 " " " 75¢ " \$2.00; 12 " \$7.50
SIZE C " " 5 " "(ready May 10) each \$1.00; 3 " \$2.50
12 for \$10.00

The Prices for A and B include postage or Express charges
(if delivered at our store or if sent at buyers' expenses we
furnish stronger plants) Size C. does not include prepayment
of transportation charges.



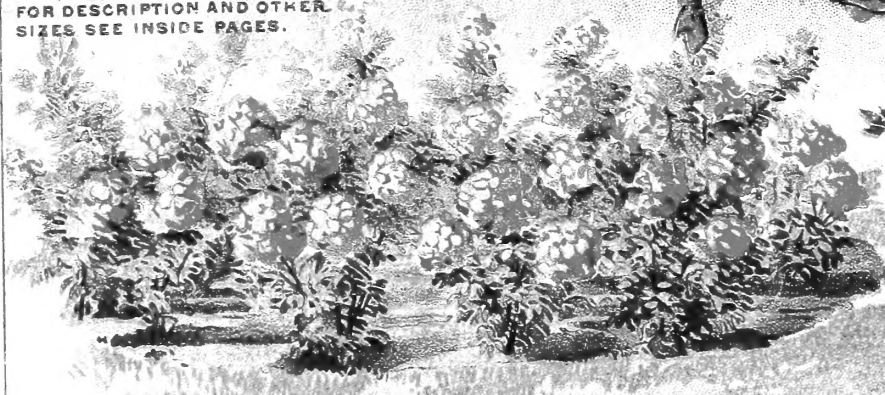


**THE NEW ROSE,
"BABY RAMBLER."
THE EVER-BLOOMING
DWARF CRIMSON RAMBLER.**

THIS IS THE BEST HARDY
BEDDING ROSE IN EXISTENCE. IT IS CON-
STANTLY IN BLOOM FROM EARLY SPRING
UNTIL FROST.

PLANTS FROM 2-INCH POTS (READY
MARCH 20TH), EACH, 40c.; 3 FOR \$1.00; DOZEN,
\$4.00 POSTPAID.

FIELD GROWN PLANTS (READY NOW),
EACH, 75c.; 3 FOR \$2.00; DOZEN, \$7.50. IF BY
MAIL, ADD 5 CENTS EACH FOR POSTAGE.
FOR DESCRIPTION AND OTHER
SIZES SEE INSIDE PAGES.



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