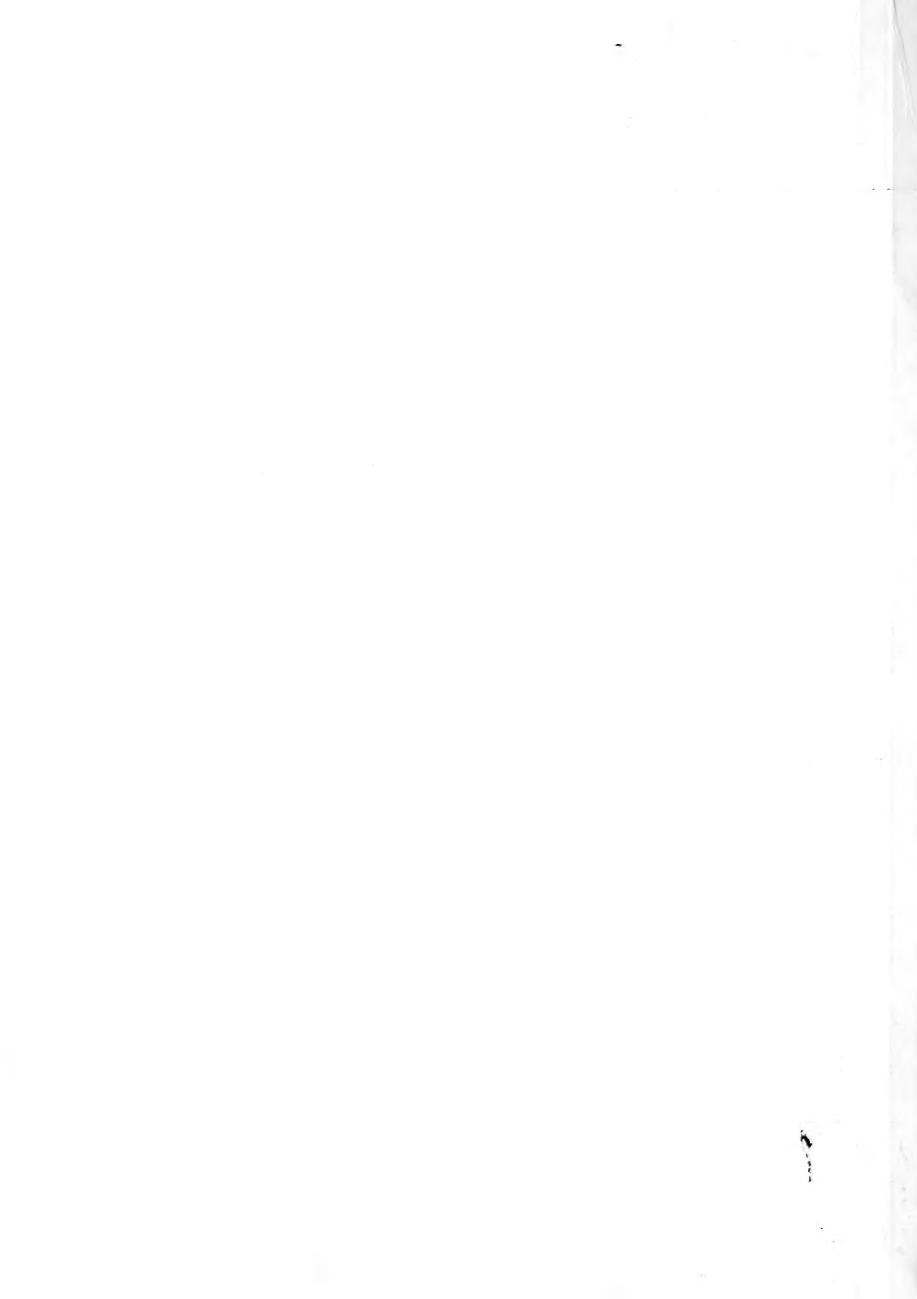


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62-67

LIVINGSTON'S SEEDS



"TRUE BLUE"



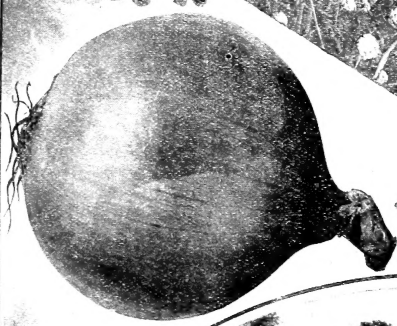
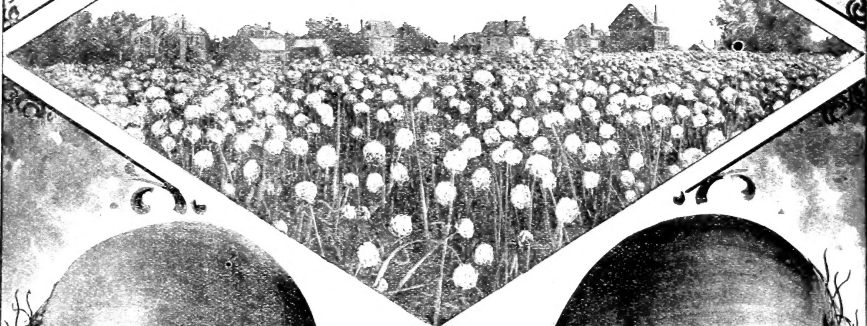
1899
ANNUAL

THE
LIVINGSTON
SEED
COMPANY.

COLUMBUS,
OHIO.

ONION SEED
GROWING ON...
ON OUR
TRIAL
FARM.

A SEED STOCK
CROP
FROM EXTRA
SELECTED
ONIONS.



NEW IMPROVED YELLOW GLOBE ONION. SEE PAGE 10.

To Our Friends and Patrons.

IN presenting our Annual for the current year, we wish to thank you all for your very liberal patronage and ever-willingness to extend the fame of TRUR BLUE SEEDS to friends and neighbors. We gratefully acknowledge that to your kindness in this respect is due, in a great measure, the remarkable increase in our business the past decade. Since the issue of our Annual in 1898, we have added a 30-acre tract to our 70-acre Tomato Trial Farm and Experiment Grounds. This, with the addition of new buildings and improved machinery greatly increases our facilities for the production of HIGHEST GRADE SEED STOCK with which to grow our extensive seed crops, and enables us to give all new varieties offered to the public a more thorough trial, thus imparting to patrons much useful knowledge concerning their respective merits.

We extend to all our friends a cordial invitation to visit our TRIAL GROUNDS, which are located almost within the corporate limits of the city, on street car lines, and only twenty minutes ride from our store.

As old friends need no introduction or letters of recommendation, our FAMOUS TRUR BLUE SEEDS need no eulogy of their merits to those by whom they are once tried. To those who for the first time, receive our catalogue we simply wish to state that it will be found a trustworthy guide in obtaining seeds of HIGH QUALITY, not only "SURE TO GROW" but SURE TO PRODUCE SATISFACTORY RESULTS IN THE HARVEST. Indications point to a great increase in the volume of business to be done by the Farmer and Gardener in the near future. Be careful to plant only such seeds as will bring the highest MARKET VALUES.

Many old patrons and friends will regret to learn of the death, since the issue of our 1898 Annual, of Mr. A. W. LIVINGSTON, founder of the firm of A. W. LIVINGSTON'S SONS, and that of our Mr. W. D. LIVINGSTON, for many years in charge of the retail department of our store. Upon the decease of the founder, and a son and member of the firm, it was thought best by the surviving sons and other members of the firm to incorporate under the name of THE LIVINGSTON SEED CO., a slight change in name, but none in the management of the business.

With hopes brightening with the dawn of prosperity, grateful thoughts for past favors and firm faith in our friends, we look forward to the coming season with every confidence in the success of our patrons and added friends for TIME TRIED TRUE BLUE SEEDS.

Respectfully yours,

Formerly A. W. LIVINGSTON'S SONS. (Changed in Name only.)

THE LIVINGSTON SEED CO.

IMPORTANT TO BUYERS.

BY OBSERVING THE FOLLOWING RULES AND DIRECTIONS MISTAKES AND MISUNDERSTANDINGS WILL BE AVOIDED.

COLUMBUS Is a city of over 135,000 inhabitants, is centrally located geographically, has 17 Railroads, 5 different Express Companies, Telegraph and Telephone wires in all directions, which afford us unequalled facilities for receiving orders, shipping and procuring lowest rates to all parts of the country; besides you have the assurance of getting your order in the quickest possible time.

☛ Within twenty-four hours' time we can reach two-thirds of the population of the United States.

ALWAYS USE THE ORDER SHEET and Envelope sent with the Catalogue when possible. Write plainly, keep a copy of your order, and be sure to Sign Your Name, Post-Office, County and State every time you write to us. Extra Envelopes and Order Sheets on application.

Cash Should always accompany the order. Remittance may be made at our risk by any of the following methods: (1st and best)—**Post-Office Order**; (2d)—**Draft on New York**; (3d)—**Express Co.'s Money Order**; (4th)—**Cash by Express** in amounts not less than \$5.00; (5th)—**Registered Letters**. When money cannot be sent by either of the first four methods it may be enclosed in a Registered Letter. The rates charged for Post-office Orders and Express Money Orders are now so low that this is the best way to remit where they can be obtained. We will bear expenses of sending money in either of above ways when order amounts to \$1.00 or over.

NO GOODS SENT C. O. D. Unless cash to the amount of one-fourth the order accompanies the same.

SEEDS BY MAIL. Sending seeds by mail is a very important branch of our business, and we are prepared to fill orders promptly and correctly the day they are received in nearly all cases.

OUR PRICES. In comparing our mail prices, especially on heavy seeds, such as Peas, Beans and Corn by the quart and the pint, and other seeds by the pound and one-fourth pound,

BEAR IN MIND that we pay the postage, unless otherwise noted. Remember another thing—packets of heavy seeds, like Peas, Beans, etc., quoted by some seedsmen at 5 cents per packet, *postpaid*, contain but a small amount of seed, after allowing for the 2 or 3 cents postage that it requires to mail each packet. Preferring to please customers rather than disappoint them we put up liberal 10-cent packets of such seeds.

ORDER EARLY It is important to order as soon after you get the Catalogue as convenient, then you will have your seed at hand and for planting when you want them; besides if you want seeds in large quantities, they can be sent by freight very much cheaper than by express. **Small orders, however,** can often be sent by express as cheaply. When goods are to be shipped by freight or express, give plain shipping directions; otherwise we use our best judgment in the matter.

LARGE ORDERS. Any Dealer, Market Gardener, Institution or any individual wishing seeds in large quantities, are requested to mail us a list of what they want and we will promptly return it to you with the very lowest prices. **Mail orders and a letter of inquiry may save you dollars if you want to buy in quantity.**

SMALL ORDERS. If you only want a single packet, do not hesitate to send for it. We take as much pains to fill small orders promptly as we do large ones.

WE URGE Customers to inform us promptly on the arrival of orders if not in good condition, well packed and filled exactly as ordered; also to report, after growth, the result, more especially if anything proves otherwise than expected. We aim to make friends of our customers, and mail orders receive the same attention customers do over our counters.

BE FREE To write to us for any information not found in this Catalogue, on a separate sheet of paper from your order, as your letter goes to the general office and your order to the mail or other department.

OUR SEED ANNUAL. Please show this Seed Annual to your friends, and if you should receive an extra copy be kind enough to hand it to some neighbor interested in seeds, who will be glad to get it. We will be glad to send a copy free to any of your friends in this or any other county likely to want seeds. In return we will ask you to speak a good word for us to your friends and neighbors. An order this season, no matter how small, secures our Catalogue for next as soon as issued.

CHANGE OF ADDRESS. If you have changed, or intend to change your address, please let us know, and we will change it on our books, so that you will receive our Seed Annual, without application, at your new Post-Office.

GUARANTEE. Complaints made that seeds are not good, should quite as often be attributed to other causes as to the quality of the seeds. There are contingencies continually arising to prevent the very best seeds always giving satisfaction, such as sowing too deep, or too shallow; in too wet or too dry soil; insects of all descriptions destroying the plants as soon as, or before, they appear; wet weather, cold weather, frosts, chemical changes in the seeds induced by temperature, etc. For all these reasons it is impossible to guarantee seeds under all circumstances, and, while we exercise the greatest care to have all seeds pure and reliable, we do not give any warranty, expressed or implied. (If the purchaser does not accept the seeds on these terms and conditions they must be returned at once and the money that has been paid for the same will be returned.) We test our seeds before sending out, and should they fail to grow when properly tested by the customer we will replace the same amount or give value in others. We cannot afford, knowingly, to send out seeds doubtful as to vitality or purity, and you can get no better seeds of any seedsmen, even though he sincerely professes to warrant seeds, which frequently covers nothing but the amount paid for the seed. If you do not think so inquire into the extent of the warranty and you will ascertain that your warrants are not copy protection. A guarantee from an irresponsible seedsmen is of no value whatever.

The Livingston Seed Co's

NOVELTIES AND SPECIALTIES IN VEGETABLE AND FLOWER SEEDS.



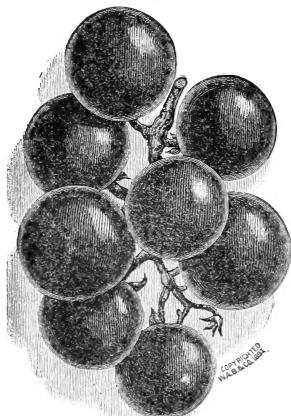
NOVELTIES are usually the most interesting to customers, no matter how many favorites they may have among the many standard varieties. It is our aim to offer in this department nothing but varieties of real merit and value, and such as are highly endorsed by leading specialists, farmers and growers throughout the country, hence, customers are seldom disappointed in any Novelty we offer. One of the uses to which our Trial Grounds, near this city, are put is the thorough testing of all new things as soon as offered.

WE ARE ALWAYS PLEASED TO RECEIVE SAMPLES OF ANY NEW, RARE OR SUPERIOR SEEDS, POTATOES, ETC., THAT OUR CUSTOMERS MAY SEND US FOR TRIAL.

EXTRAS.

As has been our custom for many years, we have again put up for sending out WITH ORDERS from customers, FREE OF CHARGE, for trial, many thousands of packets of NEW AND RARE FLOWER AND VEGETABLE SEEDS.

BURBANK Preserving Tomato.



Originated with Mr. Luther Burbank, the world-famous hybridizer. The stiff stems stand very erect until about one foot high, when, unless pruned or supported, they become semi-trailing. Foliage set closely on the stem. The rich, dark green leaves, although of good size, are very compact and heavily blistered. Fruits are borne abundantly in clusters, as shown in the illustration. Of the brightest scarlet color, and it is claimed that no other small tomato is of such RICH, SWEET FLAVOR.

Packet, 10c.; 3 packets, 25c.

Livingston's New Tomato, YELLOW PRINCE.

(INTRODUCED BY US LAST SEASON.)

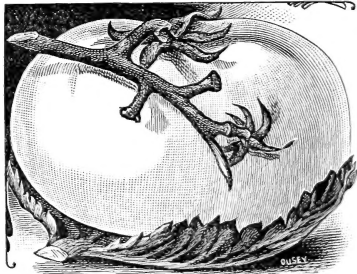
THIS ELEGANT NEW TOMATO COMPLETES THE LIST OF UPRIGHT OR DWARF GROWING SORTS.

Its rank and sturdy, but compact, growth makes it very interesting to cultivate, and this, together with its beauty and usefulness, will delight every lover of a good garden. On account of its manner of growth a dozen plants occupy only two yards square. It is as early as the Dwarf Champion. The texture is solid, and the flavor very desirable, in this respect differing from many other yellow sorts, which are mostly deficient in flavor. In large size and beauty of form it compares favorably with Livingston's Golden Queen, which stands easily at the head of all varieties of its class.

When sliced with red or purple sorts it is highly ornamental as well as most pleasant to the taste. It cannot fail to become a prime favorite in every private garden, and will also suit most market growers better than existing sorts.

Extra Selected Seed—
Packet, 10c.; 3 packets, 25c.; half-ounce, 40c.; ounce, 75c.

RIPE FRUIT IN SIX WEEKS.
Blanchester, O.—"Your YELLOW PRINCE TOMATO is all right. I set small plants June 1, and had ripe fruit July 15."—J. A. P.



NEVER HAD BETTER.
O. H. Franberger, Madison Co., Ind.—"Your seeds have given highest satisfaction. Never had better."

USED FOR NINE YEARS.
Rev. E. L. Carson, Fayette Co., Ill.—"I have used your seeds for 9 years; they give satisfaction."

BEST THAT CAN BE HAD.
Mrs. E. Rath, Tuscola Co., Mich.—"I have grown your seeds for a number of years. They are the best that can be had."

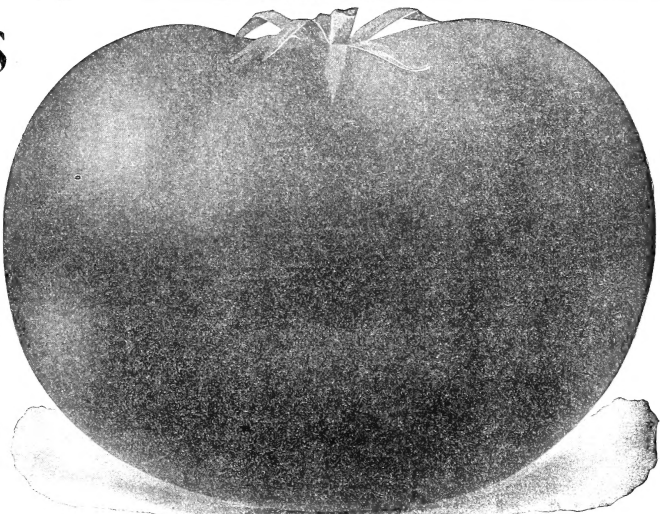
TIME AFTER TIME.
Mertie L. Browning, York Co., Pa.—"Have received your seeds time after time, and find no better."

Enormous Tomato...

A NEW LATE LARGE RED
TOMATO FOR 1899.

The size is large to very large; smooth, but cracks more or less about the stem end; few seeds, and of fair quality when well grown on good rich soil. We have watched the development of this variety for the past four years, it having first appeared in the form of a "sport" plant in one of our crops of Livingston's Stone. We gave it a fair trial on various soils in different localities the past season. It has large size to recommend it when well grown under favorable conditions, but is probably no larger under ordinary culture than our Buckeye State or the Ponderosa. Specimens of Buckeye State "7 to the yard" may be found on sale on our market almost any day in season. We cannot, therefore, pronounce it the "Largest of All," nor can we claim it to be the best keeper, most productive, hardiest, greatest shipper, nor handsomest, as claimed by some who have not had the opportunity of observation that we have had. We recommend it as worthy of trial by every grower, and especially by those who like something big.

The seed we offer is our own growth and strictly reliable. Packet, 15c.; 4 packets, 50c.; 9 packets, \$1.00.



Danish Ball-Head Cabbage

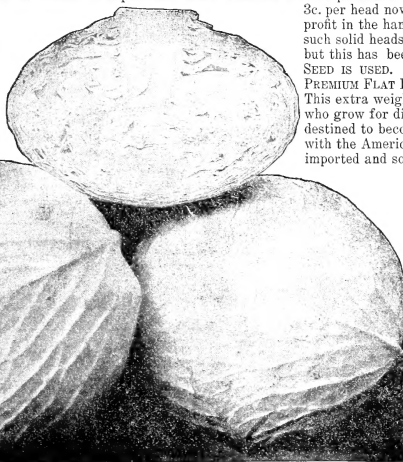
This splendid variety is remarkable for its solidity and grand keeping qualities. Such has been the demand among consumers for this fine grained cabbage, as to render its importation from Denmark a most profitable enterprise for the vegetable dealer. A duty of 3c. per head now imposed on this variety will properly place this profit in the hands of the home producer. It was at first thought such solid heads could not be successfully grown in this country, but this has been found entirely untrue when GENUINE DANISH SEED IS USED. The heads, although not quite so large as OUR PREMIUM FLAT DUTCH are equally as heavy and superb in quality. This extra weight in limited space will be appreciated by those who grow for distant markets and ship in car load lots. It is destined to become at once a most popular and profitable variety with the American grower. Unfortunately this variety has been imported and sold under a number of German names as "Hollander," "German Export," "Solid Emperor," "Dutch Winter," etc. The correct name is Danish Ball-Head, and to the Dane belongs the credit of sending it out.

OUR STOCK IS GROWN FOR US BY A PROMINENT DANISH GARDENER AND IS UNEQUALLED IN PURITY.

Price, Genuine Danish Seed—Pkt., 10c.; oz., 25c.; 2 ozs., 40c.; ¼-lb., 75c. lb., \$2.50.

J. W. Kuestricks, Creston, O., writes: "Your Buckeye State Tomato is the largest and loveliest Tomato I ever grew. I have had them weigh 2 pounds in field culture, and no fertilizer used." J. C. Brownbridge, VanBuren Co., Mich.—"I had a cluster of 13 Buckeye State Tomatoes grown on muck soil last year that weighed 17½ lbs. I would have sent them to you but I let them get too ripe. I had them on show up town and they were a sight."

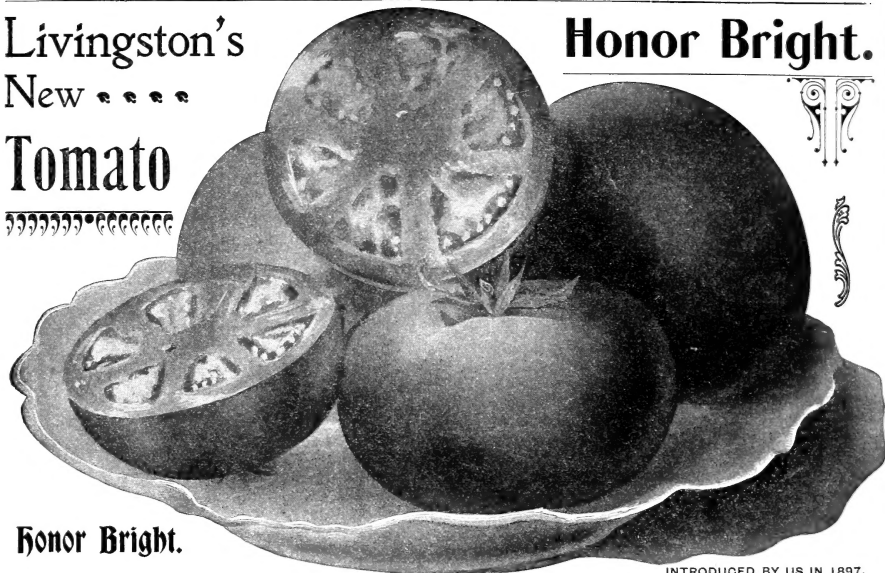
Hard as Rock.
Heavy as Lead.
The Greatest Weight
in the
Smallest Space.



Livingston's New Tomato



Honor Bright.



Honor Bright.

INTRODUCED BY US IN 1897.

New Bright Red Variety

Which first appeared in the form of a single "sport" plant in a large field of Livingston's Stone Tomato in 1894.

The Distinctive Features of the New Honor Bright Tomato

Are its solidity, long-keeping qualities after being picked, and the remarkable changes of color the fruit undergoes during growing and ripening. These changes of color provide an easily learned guide to the proper time of picking for long distance shipping. The color of the fruit, when fully ripe is a rich, bright red, but before reaching this stage it undergoes several interesting changes. First it is light green, then an attractive waxy white, then lemon, changing to a rich red. One of the most attractive and handsome varieties grown, and well adapted for home use or market, and on account of its solidity and long-keeping qualities, it is especially recommended for shipping. It can be shipped in barrels, like apples, if picked in the early stages of ripening, and will keep from one to four weeks if stored in a cool place. The clusters bear three to five large perfect fruits, beautiful as the Stone, and ripen evenly from blossom end to the stem. Its table qualities are superb: the flesh, when ripe, being tender and melting, not hard as one might conclude from the solidity of the uncut fruit. Those who grow it will find it a valuable acquisition, and be surprised at its distinctness from all other known sorts.

Secure Genuine Seed by ordering from us in Packets bearing our TRUE BLUE SEAL. Price—Seed from Selected Fruits—Packet, 10c.; quarter-ounce, 15c.; half-ounce, 30c.; ounce, 50c.; 4 ounces, \$1.75.

C. M. GROSSMAN, Wolcottville, Ind. GENTLEMEN—When you see a good thing push it along; so I enclose you a clipping from *Farm and Fireside* in regard to the Honor Bright Tomato, and also refer you to *Rural New Yorker*, of Oct. 8th, page 690, a copy of which you perhaps have. In the *Rural New Yorker* this tomato receives such praise as is accorded to but few in that rather conservative paper. I myself, shipped two bushel crates to a friend over 300 MILES BY LOCAL FREIGHT, and they reached destination in perfect condition. They are somewhat later than Stone, but yield much more and cannot be equalled for shipping.

MRS. ALFRED THOMAS, Kalamazoo Co., Mich.—"I wish to express my very great satisfaction with Honor Bright Tomato. In the 25 years of my experience in raising tomatoes I have not met its peer for equal size, solidity, fine flavor and productiveness. The color sells it at sight."

THE MICHIGAN AGRICULTURAL COLLEGE EXPERIMENT STATION.

"LIVINGSTON'S HONOR BRIGHT.—Plants of strong, healthy growth; leaflets small, light yellowish green; leaf-stalk and stem, yellow. Distinct in plant appearance. Fruits of medium size; round, flattened, regular form. The color is light green, then white, changing to yellow and finally becoming a rich red when fully ripe. The flesh is very solid, of high quality and firm, and the variety would be excellent for shipping."

JOHN H. ARNDT, Baltimore Co., Md.—"Honor Bright Tomatoes are the finest I have ever grown. They are solid, of good size and do not burst like other tomatoes do. They bear full and keep their size better than any I ever grew, can be kept at least a week when full ripe, and if put in a cool place could be kept two or three times as long."

DIFFERS FROM
EVERY
OTHER TYPE OF
TOMATO.

A NEW MUSKMELO, "THE STRAWBERRY."

Never having as yet given this new melon a trial on our grounds we are unable to record its merits from personal observation. Such, however, is our esteem for Mr. Beck, the originator and well-known specialist in melon culture, as to endorse, on his recommendation, THE STRAWBERRY, as well worthy of a trial. The following is his description: "Its first appearance last fall caused a great furor in our market. The people were loud in its praise, exclaiming that it surpassed all other melons in point of excellence with a FLAVOR LIKE THAT OF A STRAWBERRY, hence the name. Grows to a desirable market size, from 6 to 8 pounds each. Its outside appearance compares favorably with the green nutmeg of old, turning to a yellowish hue, as it were, over night, when ripe. Its smooth, deep flesh is of an attractive red color, soft to the rind, and exceptionally delicious." The seed is very limited. Pkt., 10c.; oz., 20c.; 2 ozs., 30c.; 4 ozs., 50c.

The Famous Honor Bright Tomato.

From Elmer Times.

THE HONOR BRIGHT TOMATO.

"This new variety of our popular American vegetable fruit is in many respects the coming tomato. It is the latest introduction in Reds by the famous specialists, A. W. Livingstone's Sons. The late A. W. Livingstone will never be forgotten in the scientific agricultural world as the creator of the modern type of large, smooth tomatoes, which supersede the repulsive, twisted 'tomats' of our grandfather's time.

"Between twenty and thirty varieties—red, purple and yellow—were sent into the gardening world by the two generations of Livingstone's during the last twenty-five years, beginning with the Paragon and ending with the Honor Bright.

"Two seasons' observation and experience with this new variety confirm the descriptions of the introducers and other growers concerning the peculiar appearances and manners of this phenomenal tomato. I give some practical conclusions:

"It yielded more than double over Paragon, Royal Red and Stone. (Some enthusiastic visitors said five or six times more, but they were excited.)

"It stood the awful hot spell of August and September without scalding, while another patch of Purples were ruined and other Reds badly damaged.

"The most solid tomato; heavier to the basket than Stone; more free from early and late rot; the least waste in every way.

"Another important item to South Jersey growers is its availability for late artificial ripening. J. R. DOWNER.

Downer, N. J., Oct. 10, '98."

From The Rural New Yorker.

Under date of Oct 8, 1898, the editor of THE RURAL NEW YORKER, in discussing the interesting question as to whether tomatoes can be shipped to England or not, advises Livingstone's New Honor Bright as the only one which will stand the voyage and arrive there in perfect condition. The same issue of RURAL NEW YORKER contains also the following items from Mr. Fox and Mr. Terry:

"Mr. C. J. Fox, of South London, Ontario, Canada, speaks of the Honor Bright Tomato very much as we described it in these columns a week or so ago. He says: 'Its growth is very different from that of any other tomato. The leaves are of very pale green color, approaching yellow. The tomatoes assume three different colors, and they are very even in shape and size—in fact the shape is perfect. It is a great yielder, and when ripe, THE BRIGHT RED COLOR is found all through the tomato, making it a grand one for slicing. The flavor is exquisite. All Honor to the Bright, good old man Livingstone for giving us another example of what brains and industry can accomplish.'

"Mr. H. Terry, of Crescent, Iowa, a member of the Iowa State Horticultural Society, has this to say regarding the Honor Bright:

"I find it a peculiar tomato. It is very prolific, of fair and even shape, quite large enough for use, and of unusually fine flavor. It has the peculiarity of turning white when fully grown, leading one to suppose that it will be yellow when ripe. Such is not the case, however, as it changes to BEAUTIFUL SCARLET when fully ripe. I consider it one of the best."

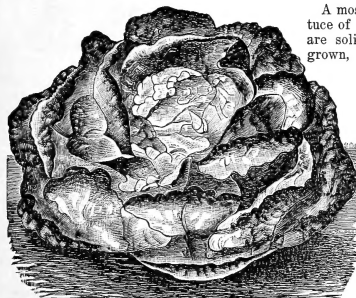
From Farm and Fireside.

"The Livingstones of Ohio were the pioneers in the production of the really perfect tomatoes of the present day. They have given us the Acme, Perfection, Potato Leaf, Beauty, Stone and many others. The novelty which they gave us last spring under the name "Honor Bright," seems to be a new type of this valuable fruit, and one of especial promise. It is a variety for main crop rather than for first early. The growth of plant is strong, but the foliage has a peculiar striking yellowish appearance so that the plant is distinguished at the first glance from all other varieties. The fruit is large and SETS FREELY IN BIG CLUSTERS. I BELIEVE WE HAVE AT THIS DAY NO TOMATO THAT GIVES US AS MUCH GOOD FRUIT TO THE VINE AS THE HONOR BRIGHT. The fruit at first turns a yellowish color. Specimens picked and laid away at this stage of development kept sound for weeks and finally turned a brick red, and then proved to be a good, solid tomato, and my people say it is THE BEST AMONG OUR MANY VARIETIES FOR COOKING AND CANNING. This shows that we should not be too hasty in judging. I was almost offended at the 'yellow' fruit, for which I had no particular use. Now I feel that it has come to stay with us as a friend and favorite. I believe that its greatest value will be found in its remarkable keeping qualities. IT SEEMS ALMOST PROOF AGAINST DISEASE AND DECAY.

T. GREINER, La Salle, N. Y."

CRISP-AS-ICE LETTUCE.

INTRODUCED BY US IN 1895.



Packet, 10c.; ½-oz., 15c.; oz., 25c.; 2 ozs., 40c.; 4 ozs., 75c., postpaid.

DAYTON, OHIO, June 28, 1898.—"CRISP-AS-ICE is excellent. Sowed seed in hot-bed Feb. 19, set in open ground April 28, cut fine heads May 28. It is rich."—T. S. L.

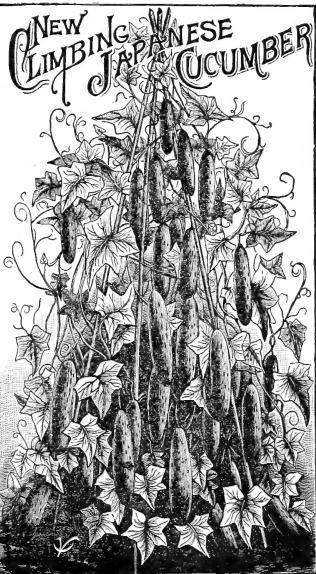
A most beautiful and attractive Lettuce of the cabbage type. The heads are solid, of immense size when well grown, and so exceedingly tender and brittle as to fully warrant the name, "CRISP-AS-ICE." The glossy leaves are thick, nicely crimped and curled; outside they are beautifully variegated with bronze and green. The heads, when cut open, have a rich creamy-yellow heart. An exceedingly superior family and home market lettuce. Sow early in hot-bed, or in a box in the house, for transplanting, then later sow some outside for summer use; transplant 12 to 18 inches apart each way, according to richness of the soil.

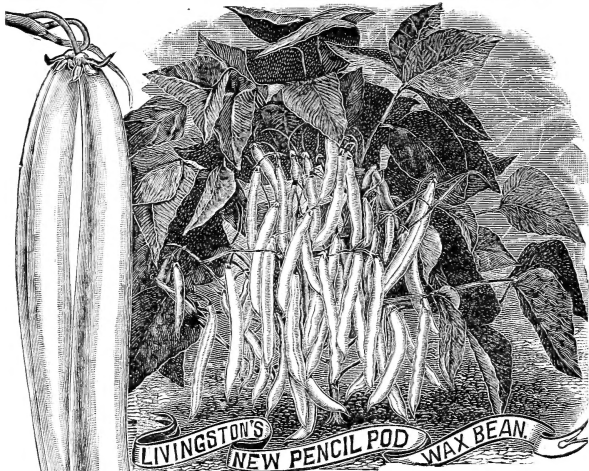
HAMMONTON, N. J., Sept. 25, 1898.—"Sowed four varieties of lettuce last spring, and consider CRISP-AS-ICE the best."

WM. F. B. & SON.

Japanese Climbing Cucumber.

Vines extra strong; foliage more vigorous than other kinds, and being a climbing sort, can be grown on trellises, etc., saving valuable space in small gardens. It is very prolific, from 40 to 50 cucumbers having been counted on single plants. Fruits cylindrical, about ten inches long, thick, and fine flavor. Price—postpaid—Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; 1b., 90c.





Livingston's New Pencil Pod Wax Bean.

Although convinced by thorough test at Our Trial Gardens, that we had a splendid Bean to offer, we nevertheless sent out thousands of packets for trial to all parts of the country, believing the opinions of numerous Growers in many soils, under different climates and conditions a much safer guide to general utility than even the most thorough test in one locality. The result far exceeded our most sanguine expectation. NOT ONE UNFAVORABLE REPORT, but all substantiate our claim of "hardiness" and "great prolificacy," combined with "superior table quality" and "ABSOLUTE FREEDOM FROM STRINGS." Our New Pencil Pod stands in a class by itself; no other sort approaching it in point of vigor, hardness or prolificacy, and when to this is added the superior table quality of its long,

straight pencil pods, perfectly round and smooth, of a rich yellow color, absolutely stringless and tender, it is easily apparent that this Bean, of all wax-podded sorts, LEADS THE LIST.

By mail, postpaid—Pkt., 10c.; pt., 30c.; qt., 55c. By express or freight, not prepaid—Pint, 20c.; qt., 35c.; 2 qts., 65c.; 4 qts., \$1.25; peck, \$2.00; bus., \$7.50.

AS OTHERS SEE IT.

"The Yellow Podded Pencil Beans you sent me last Spring for trial proved to be all you claimed for them. They were very tender, stringless and luscious, and the best we have raised for years."

"Pencil Pod Bean proves to be very hardy, an early and continuous bearer of grand quality, and I consider it a decided acquisition. I usually plant about 20 varieties of Beans, and this is one of the best. We had a mess from them last week, and I see they are still blossoming and setting pods."

"The Pencil Beans were loaded with pods and were all picked for seed, and the vines took a new start and bore a second crop, and I picked a mess for dinner to-day, and I can say that I never ate better Snap Beans of any kind."

Burpee's New Stringless Green Pod Bean

Is the Bean, which, in the opinion of many growers, is destined to replace the Valentine. It leads the Valentine by about 2 weeks in earliness; the pods are longer and straighter, and fully as round and fleshy. Distinguished from all other green-podded sorts by its absolute freedom from string. Every other green-podded sort in the market is characterized by more or less stringiness. The New Stringless Green Pod has every good quality of the Valentine, and in addition, is two weeks earlier and absolutely stringless. The seed we offer is grown by the originator.

Postpaid—Pkt., 10c.; pint, 25c.; qt., 45c. By Express—Qt., 30c.; 2 qts., 50c.; pk., \$1.50; bus., \$5.50.

The Royal Corn Bean.

This is a remarkably good Pole Bean, which, we believe, is entirely unknown outside of our Columbus market. It is a green-podded Snap Bean, whose pods are produced in large clusters or handfuls; shape long, semi-round; stringless; very tender, and produced in wonderful profusion. The dry seed cannot be distinguished from Dwarf White Kidney or Royal Dwarf. Its strong points with Gardeners are as follows:

- 1st. It will yield twice as many bushels of String Beans from the same ground as any Bush kind.
- 2d. Growing in clusters, it is just fun to pick them. Takes no time at all to gather a bushel.
- 3d. The beans being exactly like Royal Dwarf or White Kidney, can be shelled green for summer market, or left to ripen and sold as "dry beans."
- 4th. Specially adapted for growing in corn, thus economizing space, or where poles are scarce.

Packet, 10c.; pint, 40c.; quart, 75c.

POWELL'S PROLIFIC POLE BEAN.

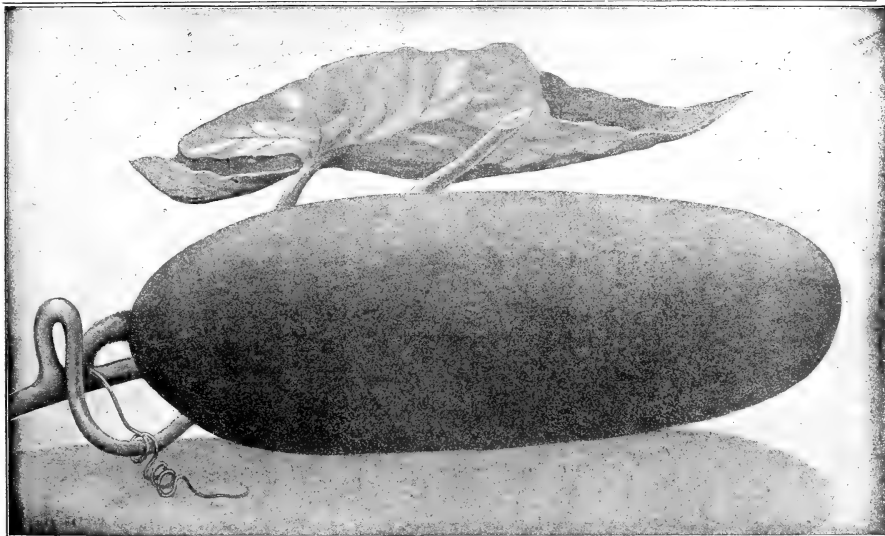
Prof. Powell, of North Carolina, whose name this wonderful new variety bears, says of it: "They are an extraordinary Snap Bean, surpassing anything ever seen in our section—bearing profusely, and continuing until frost; they are very tender and palatable—six hills enough for a family." We have grown this variety for several years and find it a most rampant grower, one plant filling a pole with a mass of vines densely loaded with luscious beans, fully twice as productive as any other variety in existence. Almost a solid mass of pods from the bottom to top of pole. The handsome green pods average eight or nine beans to the pod, grow very uniform, about six inches long; perfectly stringless, very thick meated, tender, rich and buttery; possess an exquisite flavor when cooked—many calling it, without exception, the very best Bean grown. It continues in bearing so long it might be called "everbearing."

BY MAIL, postpaid—Packet, 10c.; 3 packets, 25c.; pint, 30c.; quart, 50c.

BY EXPRESS OR FREIGHT—(buyer to pay charges)—Peck, \$2.00; bushel, \$7.00.

Try any 3 Beans (one packet each) for 25 cents or the 4 for only 30 cents, postpaid.





Livingston's Emerald Cucumber.

Introduced by us in 1897. In 1889 we began carefully working up this variety, and now feel amply repaid for the labor expended, having succeeded in producing what we started out for—a dark green Cucumber that would hold its color. It is strictly an evergreen, retaining its color until quite ripe. On sight, its distinct dark green and spineless skin attracts the attention of everyone. The fruit sets early, and its vigorous vines abound in long, straight, handsome fruits of the most desirable qualities. As a slicer the flesh is peculiarly crisp and tender, and the flavor most pleasing. The young fruit being dark green, straight and slender, makes an excellent pickle, and when ripe none excel it for making sweet pickles.

For Forcing.—For those who grow under glass, or for long distance shipping, it will prove a boon on account of holding its deep green color so much longer than any of either the Yellow or White Spine sorts; besides its size and uniformity will suit such growers much better than many of the kinds usually recommended for this purpose. When grown under glass it is not excelled for beauty in color and form, even by the best English Frame varieties. It is almost entirely free from "warts and spines," so much so that it may be called spineless. As an all-purpose table or market variety, whether for gardeners' or farmers' use, it cannot be surpassed.

PRICE—Large Packet, 10c.; oz., 20c.; 2 ozs., 35c.; $\frac{1}{4}$ -lb., 60c.; lb., \$1.50.

Henry Burt, Syracuse, N. Y., writes: "Your EMERALD CUCUMBER is one of the best varieties that I have ever grown in a greenhouse. Its smoothness, evergreen color and its few seeds makes it adaptable to our market. I am the oldest market gardener and florist in Central New York, and supply the leading hotels here."

John Groff, Jefferson Co., La., writes: "The EMERALD CUCUMBER has been proven a success in our Louisiana soil. I was rather late on the New Orleans market, but still brought 5 cents more per dozen than any other."

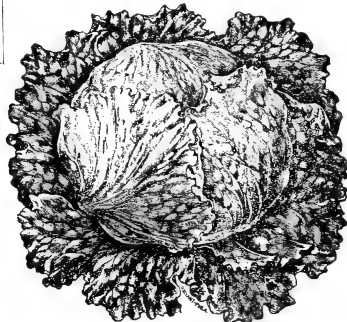
C. H. Hammel, Gloucester Co., N. Y. "EMERALD CUCUMBER and HONOR BRIGHT TOMATO cannot be beat."

The Wonderful Lettuce.

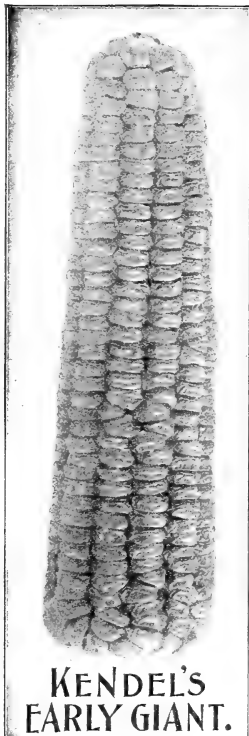
The Largest Heading Lettuce we have ever seen. It has been grown to weigh SIX POUNDS to the head, and frequently weighs two to three pounds. The heart is very solid, of pale green color, very tender, very crisp, and without the slightest trace of bitterness found in the majority of lettuces. As an example of its "standing" properties, perfect lettuces were cut from the same bed for upwards of seven weeks. FOR EXHIBITION PURPOSES and for an OUTDOOR ALL-SEASONS VARIETY it stands unrivalled.

Make sure of the true Wonderful. We understand some have been sending out an old variety under the name Wonderful. Our stock is from HEAD-QUARTERS and there is no better.

Packet, 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; 4 ozs., 75c.



3 SUPERIOR CORNS FOR A SUCCESSION.



**KENDEL'S
EARLY GIANT.**

KENDEL'S EARLY GIANT SWEET CORN.

This is not a mere novelty, but is of real merit. The ears are large, measuring 8 to 10 inches long, and having 10 to 12 rows on each cob; kernels pure white, sweet and tender. Gardeners report this corn ready to use in 60 days grown on sand, and 72 days on heavy clay. Dealers and truckers report ready sales, and are enthusiastic over its earliness, large size and productiveness. It was the most popular corn we sold last season.

Prices—POSTPAID—Pkt., 10c.; $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 40c.; 2 qts., 75c. BY EXPRESS—Qt., 25c.; 4 qts., 75c.; pk., \$1.25; bus., \$4.50.

LIVINGSTON'S COLUMBUS MARKET SWEET CORN.

Introduced by us in 1896. MEDIUM EARLY.

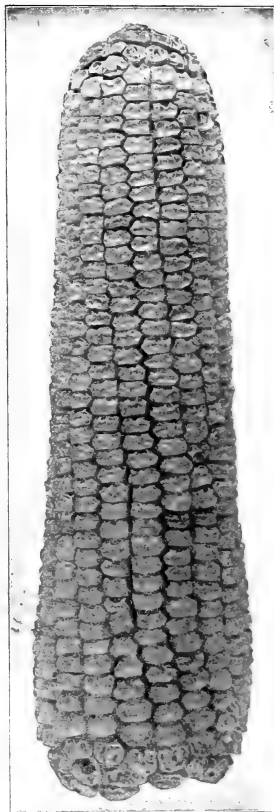
Over all the varieties of Sweet Corn now offered, the New Columbus Market possesses the one great advantage of very large size for an early sort. It comes into market with the second earlies, such as Pee and Kay, Shaker's early, Livingston's Evergreen, etc., but fully twice as large as any of them. The tips of the ears are often entirely covered over with kernels. Cob small and easily broken from the stalk. The ears carry an average of 16 rows of fine, large, deep, white and very sweet grains, which are second to none in tenderness and flavor. It is a very prolific sort, and so persistently evergreen as to render it very difficult to cure for seed purposes. The stalk is very strong, sturdy, and of only medium height, the leaves broad and dark green in color; a habit of growth which we have observed is generally associated with fine table qualities. An excellent succession for Kendel's Early. All customers are surprised at its large size and early maturity. PRICE, postpaid—Pkt., 10c.; $\frac{1}{2}$ pint, 15c.; pint, 25c.; quart, 40c.; 2 quarts, 75c. By Express—Quart, 25c.; 4 quarts, 60c.; peck, \$1.00; bushel, \$3.50.

Country Gentleman Sweet Corn.

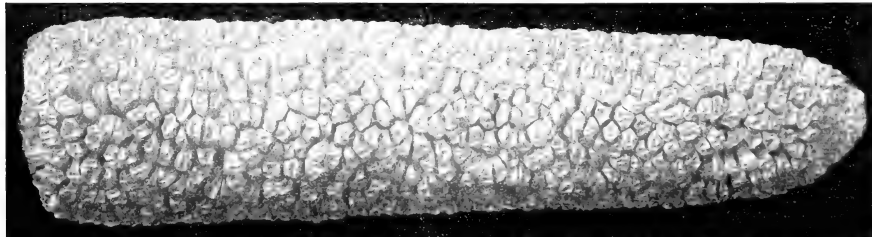
Extra Selected Seed. Medium late.

The illustration at foot of this page, reduced in size, is an exact reproduction of an ear of our Extra Selected Seed, which, by careful selection and painstaking effort on our part, has developed in size and quality to a point unequalled by any other stock of this variety in the country.

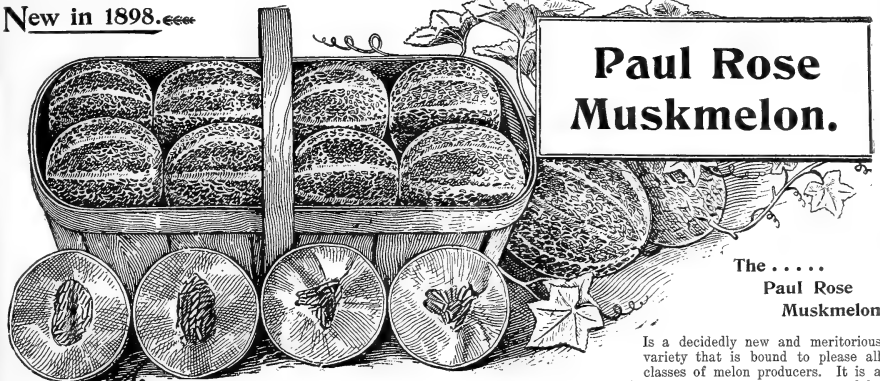
As a table corn this variety stands unrivalled, and without doubt is the most luscious of all sweet corns. The plump pearly white kernels are of great depth, most delicious, and the flavor will delight the epicure. The ears are just the size to be attractive on the table, have very small cob, and, owing to heavy husk protection, retain their delicate tenderness beyond the usual period. We have only a few bushels of this fine strain. The price, until exhausted, will be—POSTPAID—Pkt., 10c.; $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 45c.; 2 qts., 80c. BY EXPRESS—Qt., 30c.; 4 qts., \$1.00; pk., \$1.50; bus., \$5.00.



COLUMBUS MARKET.



Combination Offer. One Packet of each for 25 cents; half-pint of each for 40 cents; one pint of each for 60 cents, by mail, postpaid.

New in 1898. 

Paul Rose Muskmelon.

The
Paul Rose
Muskmelon

Is a decidedly new and meritorious variety that is bound to please all classes of melon producers. It is a large "Rose Gem," (see page 36), with DEEP ORANGE FLESH, secured by crossing with the Osage. It is a great producer of extra fine quality melons. As early as the Gems and equally as good a shipper. A good variety for the large grower and equally as good for the small grower for home use. TRUE SEED IS VERY SCARCE THIS SEASON.

Packet, 10c.; oz., 15c.; 4 ozs., 50c.; lb., \$1.60, postpaid.

True
Seed



800 BUSHELS TO THE ACRE.

Wolcottville, Ind., March 22, 1898.
"Your Paul Rose Muskmelons are O. K. Getting \$1.00 per bushel as fast as they ripen. Have some that will yield 800 bushels to the acre. Price me 5 to 10 lbs. of seed for next season."—C. M. G.

... LIVINGSTON'S ...

"TIP TOP" MELON.

The New "Tip Top" Muskmelon ought to be planted by every gardener. It always pleases. The testimony of all who use Tip Top is that every melon produced, whether big or little, early or late, is a good one; sweet, juicy, finest flavor, firm (but not hard) fleshed, and eatable to the outside coating. Its appearance on the market is very attractive—sells on sight. Gardeners tell us that their customers soon learn to pick them out, and will have no other kind. The fruit is of large size, nearly round, evenly ribbed and moderately netted. It is also, perhaps, the most productive melon known. One customer reports seventy-two large, magnificent melons from two hills.

By care and close attention for the past seven seasons we have greatly increased the attractive appearance of this variety by selecting for seed stock the best specimens, and especially those showing the greatest amount of netting.

Price of Selected Seed saved from typical "Tip Tops"—
Pkt., 10c.; oz., 15c.; 2 ozs., 25c.; 4 ozs., 40c.; ½ lb., 60c.;
1 lb., \$1.00; 3 lbs., \$2.50, postpaid.

Geo. C. Short, Ohio, writes: "That Tip Top Nutmeg stood the test as to quality better than any of the other kinds this excessively wet season."

John S. Lester, Conn., writes: "Tip Top Melon cannot be beat. I have had the market entirely to myself."

J. T. Johnson, Tenn., writes: "Tip Top Cantaloupe cannot be beat."

Edgar A. Rose, Ga., writes: "I planted last year a small patch of Tip Top, and found them all claim for them. It is the best Melon I ever saw. Everyone was first class, and it is the only variety of which this can be said."

H. F. Farris, Tenn., writes: "I have been buying your Tip Top Seed for three or four years, and I will have no other kind if I can help it."

J. B. Davis, Fla., writes: "Your Tip Top Melons are very fine, the best I have ever tried."

R. S. Jones, Miss., writes: "I find your Tip Top Melon to be the very best I ever raised."

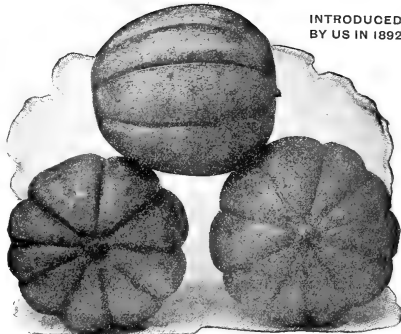
Geo. M. Wells, Ind., writes: "I want an early, yellow-fleshed melon that will match Tip Top, the best melon on earth."

Harry Hill, Ill., writes: "Last season I planted your Tip Top Melon and made more money per square rod than I ever made before on melons, and I have been raising melons for market for 15 years. My customers say they are the best melons they ever saw."

TIP TOP IN QUALITY.
TIP TOP IN APPEARANCE.
TIP TOP IN PRODUCTIVENESS.

EVERY ONE A GOOD ONE.
THE BEST OF ALL.

INTRODUCED
BY US IN 1892



THREE TYPICAL "TIP TOPS."

M. C. Lewis, Ind., writes: "I think the Tip Top the best melon there is. I planted your Early Hackensack and Tip Top this year, which makes a very good combination for early and late melons. I have never been better pleased with kind and quality than this year."

Wm. Broxey, Ohio, writes: "Your Tip Top Nutmegs are the best melons I ever raised. They outran all the others, and everybody in Dayton that I sold to liked them better than any melon they ever ate."

L. S. Birney, Ohio, writes: "I gave your Tip Top Muskmelon a fair test last season by the side of two other kinds, and they were so far ahead of any kind I ever used. I do not want any other. Everybody that tasted them remarked what fine melons we had."

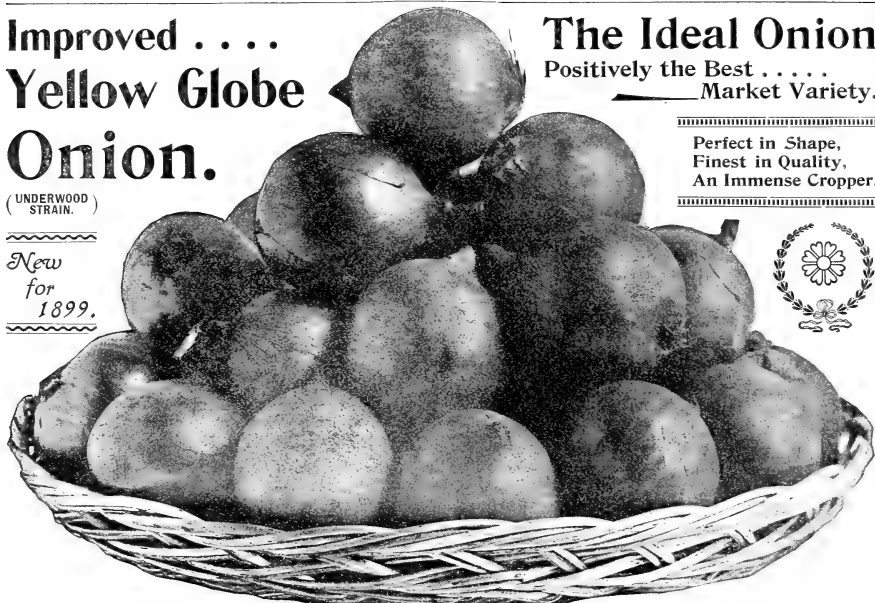
Wm. M. Camby, Md., writes: "I have raised the Tip Top for two years and consider it the best of all. I procured the seed from you two years ago."

J. V. Garrison, Ohio, writes: "We consider the Tip Top Melon well named. We have not found its superior."

Improved Yellow Globe Onion.

(UNDERWOOD
STRAIN.)

New
for
1899.



The Ideal Onion

Positively the Best
Market Variety.

Perfect in Shape,
Finest in Quality,
An Immense Cropper.



THE ABOVE ILLUSTRATION IS AN ACTUAL REPRODUCTION FROM A PHOTOGRAPH. ALSO SEE SECOND PAGE OF COVER.

Very Seldom

do we have as good a thing to offer as this fine strain of Onion, and to have the honor of being the first seedsmen to offer it to the public is a source of great satisfaction to us. We have no hesitancy whatever in claiming that it will at once fairly leap into general favor with all classes of onion growers, dealers and consumers. We have known and watched the development of this onion for several years, which has been known in the community where it originated as Underwood's Improved Yellow Globe. Mr. Underwood is a critical onion specialist, and has grown onions for 20 years, having spent the past dozen years bringing this variety to its present high state of perfection. No onion grower can afford to lose this opportunity of improving his onion crop, and should secure some of the seed at once, although he may have already laid in his planting stock for the season. The seed we offer was produced for us by the originator from selected bulbs, and is every seed 1893 growth, water cleaned and shows a very high per cent of germination. We control the entire stock of seed, which does not exceed 200 pounds, and those wishing to secure some of it should order without delay. Our price is very reasonable for this season, especially when the care with which it is grown, excellence of the variety and high quality of the seed is considered.

Price of Strictly Underwood's Own Growth Seed, from hand-picked bulbs—Packet, 10c.; half-ounce, 15c.; ounce, 25c.; 2 ounces, 40c.; quarter-pound, 75c.; pound, \$2.50; 3 pounds, \$7.00, postpaid.

No discount will be made from these prices for a large quantity, but 10 cents per pound may be deducted if to go by express at the expense of the purchaser.

Description.

The above illustration gives a very correct idea of the uniformly perfect shape of this variety. It matures early and cures down with exceedingly small solid necks, and has never produced scallions or "stiff-necks." The skin is quite thick, bright, dark and smooth. The flesh is very fine grained, firm and solid, insuring extra heavy weight. It is sweet and juicy, grows uniform in size and shape, large, but not over-grown—just the size sought after by market men. It is a good keeper and heavy cropper, as will be observed by reading some of the following testimonials from noted onion growers.

When grown in comparison with other good strains it has out-yielded them from one-fourth to one-third of a crop, and the only strain that approaches it in this particular is OUR OLD STAND-BY, THE OHIO GLOBE.

"Have grown onions 15 years: used seed from different sources; I now use your seed, although up in price it pays, as I get one-fourth more onions than before and get higher prices. Fine eating and a great keeper."—M. L. B.

"I have raised 300 bushels of onions on one-fourth acre of land; finer onions I never saw, and double the quantity I ever grow on the same ground with other seed!"—A. L. M.

"Find your seed A No. 1; grow better crops for me than any other; prefer at \$5.00 a pound to other seeds if given to me."—A. J. D.

"I have used your seed for 3 years with entire satisfaction; bought several cars of onions this fall ('88) and find those grown from your seed superior to any other."—G. A. M.

"Have grown onions 15 years or more; used seed that gave me good results, but yours have given for 4 years past best crops I ever harvested."—L. L.

"I have raised onions nearly 15 years; past four years have used your seed, getting one-third more from the very first year, fine in shape and quality."—A. T.

What the Neighbors think of UNDERWOOD'S ONION.

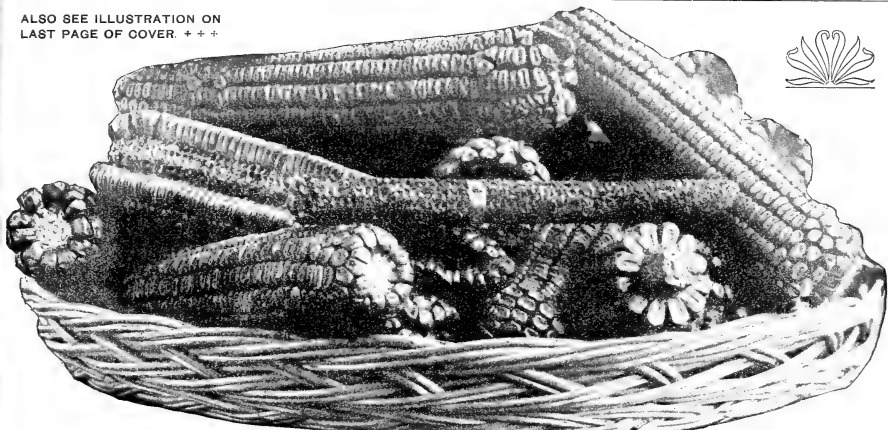
"From one pound I got 225 bushels very fine bulbs, all nice enough to set for seed."—E. M.

"Have grown onions for 15 years; used seed from many firms; found yours best yielder of all."—C. B.

"Have grown onions for 16 years. Years ago I commenced using your seed; prefer it at \$3.00 a pound to others at 75c. You would think my crop was selected for seed purposes, they are so fine."—C. D. K.

"Used your seed 2 years and grew 600 bush. each year; last season used other seed and got but 400 bush. from the same ground. Have known your onion to remain solid for one year. They are the best shaped and give everybody satisfaction."—C. C.

ALSO SEE ILLUSTRATION ON
LAST PAGE OF COVER. + + +



Livingston's Early Golden Surprise Field Corn.

EARLY--MATURES IN NINETY DAYS. GOLDEN--BEAUTIFUL GOLDEN YELLOW. SURPRISE--SO MUCH CORN, SO LITTLE COB.

WE ARE AWARE that the constant influx on the market of the many so-called "Wonderful" New Field Corns, guaranteed to "lift mortgages" in one season and produce fabulous wealth in another, have caused farmers, in general, to regard new varieties with more or less suspicion, and will render difficult the introduction of even a variety of **genuine merit**. However, our knowledge of the corn we have to offer, and confidence in the intelligence of patrons, warrant the belief that our introduction of a **really good corn** will be met by general favor and the appreciation it deserves. Our description of **NEW GOLDEN SURPRISE** will be found to consist of only plain, unvarnished statements, and simple facts concisely expressed. We prefer to please customers with evidence of additional merit after trial rather than disappoint by over valuation in description.

The above illustration is an exact reproduction from a photograph, and though greatly reduced in size will give a very accurate idea of ear in proportion to cob. The cob shown in cut is actually encased in an ordinary finger ring, and while this feat cannot be performed with all the cobs, many can be found equally as small. The corn as a whole is indicative of its name and is indeed a **genuine surprise** to all who behold it; **beautiful** in its rich golden color and smooth even size from butt to tip of ear; **profitable** in its depth of grain and small percent of waste in cob; **convenient** in its short strong fodder growth and easy break of ear from stalk; **certain** in its early maturity, and, **all points considered**, is the best ninety day corn up to date. Many of our cobs have been bred for the single purpose of increased size, yield or earliness, one at the expense of the other, but none heretofore with

the general purpose idea of eliminating all unnecessary waste and still **retain all points** of essential value to the farmer. Eight years close observation, careful breeding and selection, has brought about the desired result. While we might multiply statistics as to yield, the stated yield per acre of any variety, no matter how true, is more often misleading than of practical value, and greatly depends on soil, climate and condition under which it is grown, and varies according to locality. We consider it only necessary to state that we have tested this corn for several years in various localities in comparison with well-known sorts and find it fully equal in average bulk yield to any on the market. In size it will compare favorably with the well-known Learning, but in depth of grain and weight of shelled corn per bushel has no competitor, having to every 68 lbs. of corn in ear a gain in weight of four pounds over any known variety—cob waste only eight pounds. Its habit of growth is a short, strong stalk, with broad, closely set leaves, which make it a superior fodder corn. **SURPRISE** is a new, distinct, yellow dent variety of unquestionable merit and destined to become the most popular and profitable field corn for this latitude. \$2.00 per bushel is as cheap as we can afford to sell our limited stock. Can the farmer afford to pay \$2.00 per bushel for seed corn.

Listen! One bushel will plant seven acres; 50 bushels to the acre is a low average. 4 lbs. gain on each bushel makes 200 lbs. on one acre. On 7 acres, 1400 lbs. (25 bus.) at 40 cts. per bushel gives a gain of \$10.00 on every bushel, not to say anything about the advantages of early cribbing and value of obtaining seed of this corn for second season's crop. These are plain truths, fairly stated, and may, at any time, be verified by a visit to our store, where corn may be seen in ear and the weight tested.

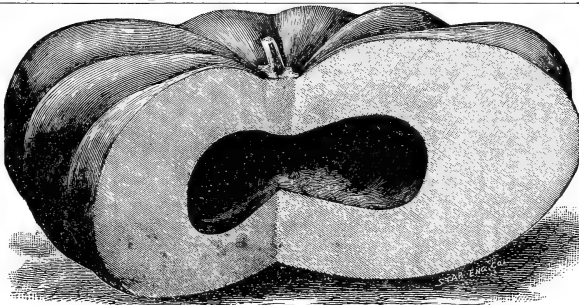
PRICE, of Hand Picked, Hand Shelled Corn—By Mail, Postpaid—Sample Ear, 30c.; large packet, 10c.; pint, 30c.; quart, 50c. By Express or Freight, (at buyer's expense)—Six Select Ears, 50c.; quart, 25c.; 4 quarts, 50c.; peck, 75c.; half-bushel, \$1.25; bushel, \$2.00; 5 bushels, \$9.00. No Charge for Sacks.

LIVINGSTON'S

Thanksgiving Pumpkin.

Our illustration shows the distinct shape and the thickness of flesh peculiar to this new Pumpkin. We have had specimens to weigh 35 lbs. and have only 1 1/4 ounces of seed in them, the flesh being in some places six inches thick. The average size is about the same as that of the Cheese Pumpkin, but the flesh is fully twice as thick. On account of this extra thickness of flesh the yield in pounds is double that of other kinds. The flesh is orange in color, of fine grain, sweet and has the delicious pumpkin flavor essential to the making of a first-class pumpkin pie. The name, "THANKSGIVING," was suggested by the almost universal custom of having pumpkin pie at the Thanksgiving dinner. Pkt., 10c.; ounce, 15c.; 2 ounces, 25c.

Mr. J. W. RHODES, Muscatine Co., Iowa:—"I think it the best pumpkin I ever saw."



LIVINGSTON'S

Prolific GIANT PODDED Sugar Pea.

(INTRODUCED BY US IN 1897.)

This grand new introduction will be of especial interest to all lovers of Edible Podded Peas. Exceeds all others in size, productiveness and quality. To even those who know how delicious and wholesome are Sugar Peas, **cooked pods and all**, a dish of these giant pods, sweet, sugary and melting will be a delightful surprise. The vines average about 36 inches in height, remain a long time in bearing, and when grown without brush or trellis are strong and rank. The pods are gigantic in size, broad, sweet and tender, extremely fleshy and equal to the best snap beans for cooking pods and all. Dry Peas when ripe are extra large and wrinkled. This variety is a decided improvement over Melting Sugar Pea, being equally as early, much more productive and greatly superior in quality. We recommend all our customers to give it a trial.

Pkt., 10c.; ½ pint, 20c.; pint, 40c.; qt., 75c., postpaid. By Express—Qt., 60c.; 2 qts., \$1.10; 4 qts., \$2.00.

PROSPERITY, or Gradus Pea

Is a Long Step in the Pea World Toward Prosperity,

As it combines earliness with large size in a green-wrinkled Pea. This is what the Market Gardener wants. "They fill the bushel basket." In earliness they follow closely after the first earlies. In height they are from 2½ to 3 feet. The vine is robust, and the foliage very vigorous, bearing their handsome, large pods profusely over the vine. The pods are nearly round, long and straight, well filled with luscious Sweet Peas of the finest quality. In our Trial Grounds the past season we marked these as an exceedingly profitable variety for Marketmen to grow. They are worthy of a place in your gardens this season. **Pkt., 10c.; ½ pint, 20c.; pint, 35c.; qt., 60c., postpaid. By Express—Qt. 45c.; 2 qts. 80c.; 4 qts., \$1.50; peck, \$2.75; bus., \$10.**

CARTER'S DAISY PEA.

A New Second-Early with Immense Pods and Peas.

This magnificent new Pea was introduced in England by Messrs. James Carter & Co., in 1892 at the price of 50c. per ounce. So great has been the demand in England, that not until the crop of 1895, was it possible to procure any seed for planting in

America. We are only able this season to offer our customers American-grown seed. The Daisy is a second-early Pea. The vines are from 16 to 18 inches high. The self-supporting, stout plants are fairly loaded with large, bright green pods, which are always well filled. Each pod contains 7 to 9 large peas, of a bright green color, tender and well-flavored. The illustration herewith was engraved natural size, from a photograph. The even growth and handsome appearance of the Daisy excites the admiration of all. Of all the numerous crops and many pea trials examined the past season, the Daisy pleased and attracted us most, and we are sure that all who have this grand new Pea in the garden this season will unite in praising it.

PRICE.—Pkt., 10c.; ½ pint, 15c.; pint, 25c.; qt., 50c., postpaid. By Express—Qt., 35c.; 2 qts., 60c.; peck, \$1.75; bus., \$6.50.

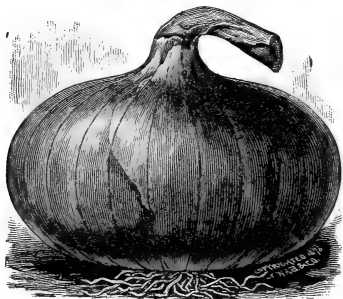
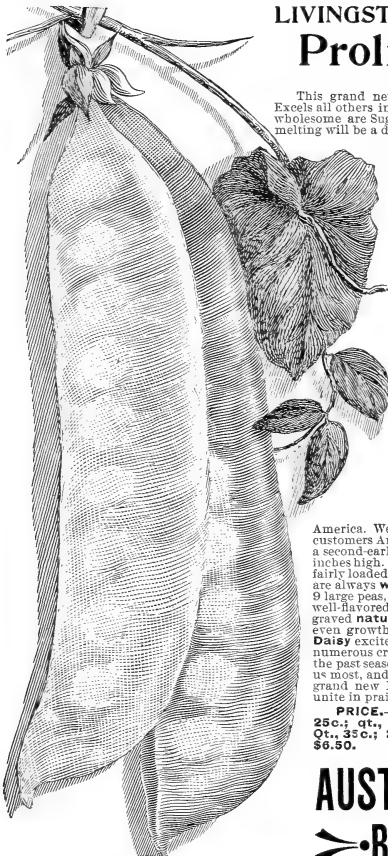
AUSTRALIAN

BROWN ONION.

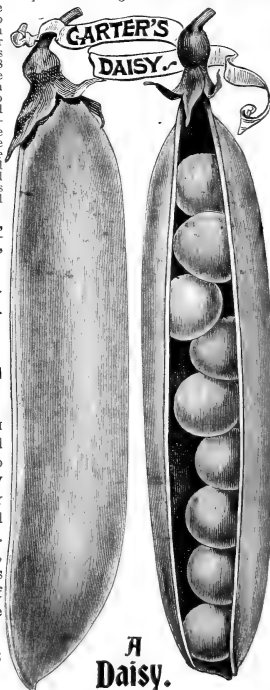


A MOST VALUABLE VARIETY FROM AUSTRALIA, of medium size, hard and solid, attractive for market, both as to form and appearance. **Extremely early in ripening, and NEVER MAKE ANY STIFF-NECKS OR SCALLIONS.** Every seed seems to produce a good-sized onion. Planted with the RED WETHERSFIELD, it proved to be NEARLY FOUR WEEKS EARLIER. It has the reputation of keeping indefinitely. The color of the skin is a clear amber-brown.

Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.



AUSTRALIAN BROWN ONION.



A
Daisy.

New Cincinnati Market Radish.

This superb Radish, as its name indicates, was produced in the vicinity of Cincinnati, Ohio, by the "Glass Gardeners" there, and has been used by them for over thirty years. We introduced and recommended this Radish to our trade in the spring of 1895, and it became so deservedly popular at once that for the past two seasons we have had to grow it by the thousands of pounds to supply the demand. It is seldom that even a GOOD THING leaps with one bound into general favor as has been the case with **Cincinnati Market**. The tops are so very small that the Radishes may stand touching each other in the rows. One grower says that the tops are too small to "pull by," and also that he never thins this variety like he would other kinds, which quickly run up to seed if left standing too thickly in the row. They grow perfectly straight and smooth, and from 6 to 7 inches in length. Their attractive, glossy, scarlet-colored skin is very thin, and the flesh crisp and brittle, and of delightfully pungent flavor. It is by all odds the finest Long Red Radish for forcing, and outsells all others in any market to which it goes. Being long standing, it is also an extra fine sort for the home garden, entirely exempt from any tendency to become pithy or hollow. **Beware of spurious seeds.** What we offer is OUR OWN GROWTH SEED FROM PURE, STRAIGHT STOCK. Price—Pkt., 5c; oz., 10c; $\frac{1}{2}$ lb., 25c; 1b., 85c; 3 lbs., \$2.25, postpaid.

Mr. J. R. G. Bissell, Md., writes: "Cincinnati Market Radish is the finest I ever grew. It created a sensation in our market." **Sutton Brothers' Commission House:** "I have known the Cincinnati Market Radish for the last 30 years. No variety holds its freshness longer, meets with readier sale or gives better satisfaction. We sold it for years in Cincinnati, before coming to Columbus, 16 years ago." L. K. SUTTON.

Zimpher Parsnip. LONG WHITE.

The original seed of this variety, like that of very many other good things now commonly cultivated, was brought here by German gardeners from the Fatherland. Mr. Zimpher, a market gardener, has grown this select strain of seed for many years for his own use only, always selecting the most perfect roots in all points for this purpose, until it is the purest stock and grows the handsomest Long White Parsnip of the many stocks we have ever tested. It is a splendid variety for

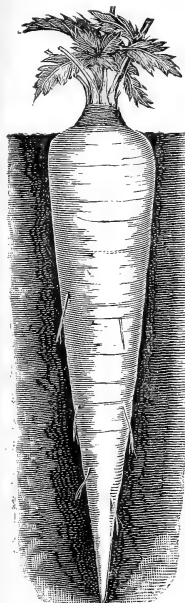
market, especially where the roots are sold in bunches, being of much more desirable shape than any of the Hollow Crown or Cup varieties. It is sweet, smooth, and very white, and cannot fail to please any marketer. The past season we secured some choice roots from Mr. Zimpher and grew a small stock of the seed (less than 100 lbs.) and offer it, while it lasts, as follows: Price (postpaid)—Pkt., 10c., oz., 20c.; 2 oz., 30c.; $\frac{1}{2}$ lb., 50c.; 1b., \$1.50.

New Winter Radish. Scarlet Ball (Pamir).

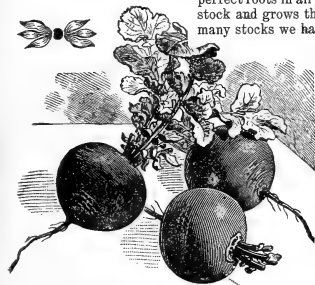
This variety is a very welcome one among Winter Radishes. It is also a good late summer and autumn variety. Its handsome globular shape, enhanced by its beautiful deep scarlet color, gives it a very ornamental appearance. The flesh is white, firm, and of a very agreeable flavor. The roots can be easily kept for a long time during winter, without starting into growth, and without becoming hollow at the center. Pkt., 10c.; oz., 25c.; $\frac{1}{2}$ lb., 90c.

New Leafless Radish.

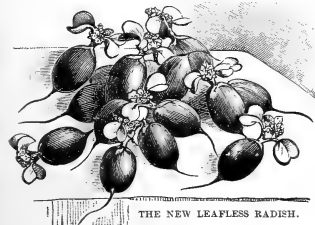
This Extra Early Radish is remarkable for the small size of its leaves; the roots grow so quickly they are practically in advance of the leaves, and for this reason it is called **LEAFLESS**. The roots are almost large enough for pulling before there is top to pull by, its peculiar, crumpled leaves being "few and far between." These handsome little radishes are of a beautiful bright color, and the crisp, tender flesh is excellent. It is a shy seeder and we can offer it only in small quantities. Pkt. 5c.; $\frac{1}{2}$ oz. 15c; oz. 25c.



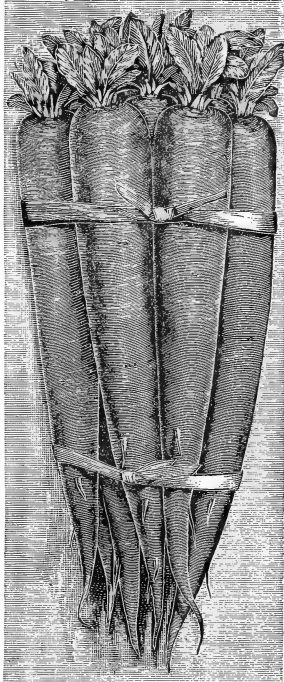
ZIMPFER PARSNIP.



SCARLET BALL (PAMIR) RADISH.



THE NEW LEAFLESS RADISH.



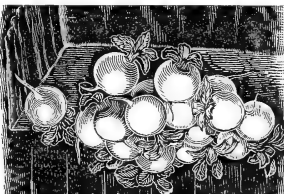
NEW CINCINNATI MARKET RADISH.

It is sweet, smooth, and very white, and cannot fail to please any marketer. The past season we secured some choice roots from Mr. Zimpher and grew a small stock of the seed (less than 100 lbs.) and offer it, while it lasts, as follows: Price (postpaid)—Pkt., 10c., oz., 20c.; 2 oz., 30c.; $\frac{1}{2}$ lb., 50c.; 1b., \$1.50.

THE SNOWBALL RADISH.

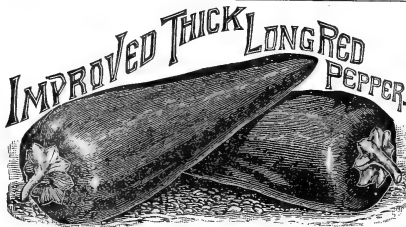
One of the quickest growing of all Radishes, besides one of the prettiest ever put on a Gardener's bench. White as snow and smooth as glass; few and short tops; can be grown very thickly and gets out of the way of other crops in an incredibly short time.

Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 25c.; 1b., 80c.



THE SNOWBALL RADISH.

One Packet each of the 4 Radishes, 20c. Including a packet of Parsnip, 25c.



This variety is a very great improvement on the ordinary Long Red Cayenne. It is of about the same length, but is much thicker, and has 2 or 3 times as much meat, averaging about 1 inch in diameter at the stem end. It is grown by the Columbus Gardeners exclusively. Exceedingly prolific, very pungent and particularly handsome in appearance. **Pkt. 10c.; oz. 20c.; ¼ lb. 60c.; lb., \$2.**



KINSMAN QUEEN MUSKMELON.

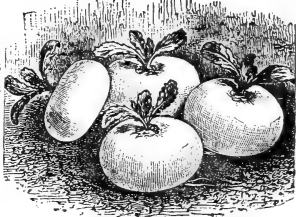
"A cross between the 'Emerald Gem' and an old variety of large size and excellent quality, followed by a careful selection for many years of *best early fruit* for seed stock. It is among the first to ripen, and is very large in size for an early melon. Will average three times as large as the 'Emerald Gem.' Nearly round in shape. Color, yellowish green outside, and is slightly ribbed and netted; flesh deep salmon color, and is rich, juicy and delicious. Is reasonably firm and stands shipping fairly well. It is an excessive producer—holds up well throughout the season." Customers who try this Melon will be pleased. **Pkt., 10c.; oz., 20c., 2 oz., 35c.; ¼ lb., 60c.; lb., \$2.10, postpaid.**

A New Celery, The Triumph.

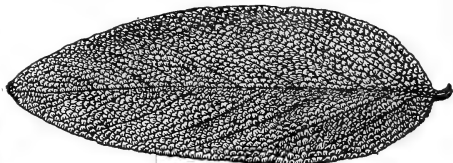
A Splendid Long-Keeping Sort. Extra Fine Flavor. A late variety of real merit. A healthy, strong grower, stalks very white, crisp, tender, and brittle. We recommend it as worthy of a first place among late varieties. **Pkt., 5c.; oz., 25c.; 2 ozs., 40c.; ¼ lb., 75c.; lb., \$2.75.**

An Extra Early New White Milan Turnip.

This is one of the earliest Turnips grown; deep in shape, slightly flattened at top and base of bulb. The entire bulb, inside and out, is clear ivory-white in color; the outer surface is perfectly smooth. It grows so quickly that even the outer surface of the bulb is tender. Its table qualities are unexcelled, being of most delicious flavor and tempting appearance.



Packet, 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.



HOLT'S MAMMOTH SAGE.

This large-leaved variety has been tested for years, and we can recommend it as being far superior to the old variety. Yields more leaves to the plant than a dozen of the common Sage. Plants are strong, grow a foot high and spread 2 to 3 feet the first season. The leaves are borne well up from the ground, are clean, strong in flavor, and of superlative quality. Perfectly hardy even in extreme Northern States. *Never seeds.* **Plants, 10c.; 3 for 25c.; 7 for 50c.; 15 for \$1.00., postpaid. Prices on Application for Large Lots.**



ORNAMENTAL

POMEGRANATE.

"QUEEN ANN'S POCKET MELON."

Grows on a pretty vine; its handsome fruit is a lemon-yellow, striped with dark orange, varying from the size of a small peach to that of an orange. Very fragrant, sweetly perfuming a room with their pleasant odor for days. Very prolific, and easily grown.

Packet, 5c.; 6 packets, 25c.

\$1.00 BIG DOLLAR COLLECTION \$1.00

By Mail, Postpaid. Positively no Changes can be Allowed.

Made up of our Regular Sized Packets, and not put up expressly small for the occasion.

- 1 Beans—Powell's Prolific. Best Pole Bean in the world.
- 2 Beans—Dwars Rustless Wax. Yellow pods, very early.
- 3 Beet—Crosby's Egyptian. Very early and good.
- 4 Beet—Edmond's Blood Turnip. Best general use.
- 5 Cabbage—Extra Early Jersey Wakefield. No. 1.
- 6 Cabbage—Livingston's Ideal. Best winter.
- 7 Celery—Giant Pascal. Very crisp.
- 8 Celery—White Plume. Self-Blanching.
- 9 Corn—Country Gentleman. Best late.
- 10 Corn—Livingston's Evergreen. Sweetest of all.
- 11 Cucumber—Livingston's Evergreen. Best all purpose.
- 12 Cucumber—Our New Emerald.
- 13 Lettuce—Butterhead. Splendid early.
- 14 Lettuce—Defiance. Best of all Summer Lettuces.
- 15 Watermelon—Ice Cream. Quality can't be beat.
- 16 Muskmelon—Rose Gem. New. Choice.

FREE

With each order for the DOLLAR COLLECTION we will add one packet of LIVINGSTON'S FANCY PANSIES or a packet of OUR MIXTURE SWEET PEAS.

- 17 Muskmelon—Tip Top. A No. 1.
- 18 Onion—Danvers Yellow Globe. Best general crop.
- 19 Onion—White Globe. Best white. Good keeper.
- 20 Pepper—Mountain Sweet. Large and prolific.
- 21 Parsnip—Zimpter White. Sweet and fine.
- 22 Pumpkin—Sweet, or Pie. Best for the table.
- 23 Peas—Livingston's First-in-Market. A grand early.
- 24 Peas—New Shropshire. Immense pods. Excellent.
- 25 Radish—Cincinnati Market. Good for early or late.
- 26 Radish—New Charters. Best early or late.
- 27 Radish—Livingston's Surprise Mixture.
- 28 Squash—Large Golden. Summer Scallop.
- 29 Squash—Warty Hubbard. New. Very fine.
- 30 Tomato—Livingston's Stone. No better. Red.
- 31 Tomato—Livingston's Beauty. No better Purple.
- 32 Purple Top Strap Leaf. First rate.

Crotalaria Retusa, West India Rattle Box, or "Golden Bush Pea"

A beautiful annual; low-growing, profusely branching plant, every branch and branchlet ending in racemes 6 to 10 inches long, of beautiful, large, sweet-pea-like flowers; fragrant, and in color golden-yellow, except the keel in the centre, which looks like brown velvet, and are followed by clusters of short, smooth pods, in which, when shaken, the seeds sound like a child's rattle, hence its common name. Pkt. 10c.

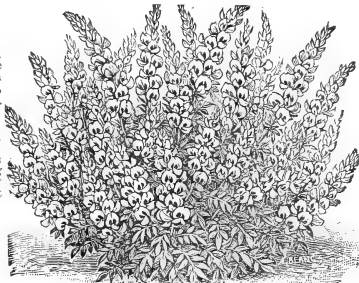
SEMPLE'S BRANCHING ASTERS.

A choice strain of American-grown Asters, which has, by careful selection, been brought to a high degree of excellence. The plants are of branching habit, producing many perfect flowers four inches in diameter on long stems. The flowers are very double, and of the purest colors; in length, the strong, branching plants grow about two feet high.

- Sample's Pure White—Pkt., 10c.
- Sample's Shell Pink—A beautiful shade. Pkt., 10c.
- Sample's Lavender—New and very fine. Pkt., 10c.
- Sample's Choice Mixed—Pkt., 10c.; 2 pkts., 15c.; 3/4 oz., 25c.; 1/4 oz., 40c.

3 Packets, one of Each Color, for 20c.

"I grew Simple Asters from seed sown latter part of April, that measured 5 1/2 inches in diameter, with stems 3 feet long. J. C."



CROTALARIA RETUSA.

NEW GIANT WHITE SNAPDRAGON.

A very valuable variety, recently introduced, and quite an addition to our choice blooming plants. Produces great quantities of flowers (see illustration) throughout the summer and autumn; in fact it is almost a perpetual bloomer, compact and branching in habit, producing beautiful Cladiolus-like flower spikes by the dozen, from 1 to 2 feet in length. Color pure snow-white, with lemon-tinged throat, and of lovely fragrance. The flowers keep a long time after being cut, thus making them fine for cut flowers. Pkt., 10c.

NEW FRINGED MAMMOTH HOLLYHOCK ALLEGHENY.

This grand new flower is a decided improvement over the old-fashioned variety. Its fine, transparent, fringed flowers look as if they were made up of crushed silk. The flowers are from five to seven inches across; the plants are perpetual bloomers. No one can imagine the beauty of its brilliant colors (shell-pink, rose, ruby-red, etc.). As cut-flowers they are immense; a plate filled with flowers is very handsome, and as flowers to wear they are wonderfully lasting. Pkt., 15c.; 2 for 25c.



THE POPULAR SEMPLE ASTERS.

JAPANESE MORNING GLORY.

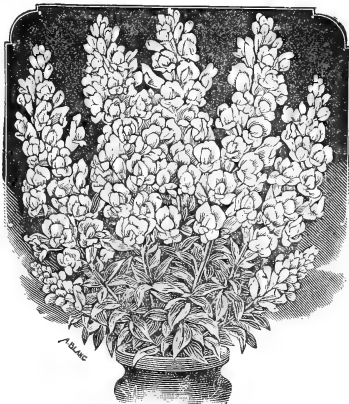
NEW GIANT FLOWERED.

Most Beautiful and Valuable Annual Flowers Introduced in 25 Years, and the Most Popular Flowers. Magnificent in Size and Appearance.

The great variety of rich and delicate colors, tints and markings is wonderful and almost incredible. Many are of very odd and singular forms. The foliage is almost as beautiful as the flowers, and they would be worthy of culture even if they had no flowers. The leaves are of various forms, some ivy-like, smooth and glossy; others very hairy; some are green, splashed and variegated. Vines grow rapidly, climbing from 15 to 30 feet, and soon cover arbors, piazzas, etc., with a mass of rich foliage and flowers. Large pkt., 10c.; 1/2 oz., 15c.; oz., 25c.; 3 ozs., 60c.



MORNING GLORIES, NEW JAPANESE.



SNAPDRAGON, NEW GIANT WHITE.

A Page of Sweet Peas.

The Stocks we offer are strictly first-class from first hands.

Navy Blue. A new tall Sweet Pea, of entirely distinct, new color (and first) from any existing variety of Sweet Pea. General color effect, **dark blue**; standards **brilliant royal purple**; wings **pure violet**; the whole flower elegantly veined in sharp relief. A new, vigorous grower. Blooms of approved form, generous size, parchment-like texture and remarkable substance. Stems usually bear three flowers, occasionally four. *Is sold only in sealed packets bearing originator's trade mark.* Per pkt. of 12 seeds, 25c., or 3 pkts. for \$1.00. Half-sized pkts., containing six seeds, 15c.; 2 pkts. for 25c., or 10 pkts. for \$1.00.

Sadie Burpee. Sure to become immensely popular, as amateurs and florists have waited for years for a first-class giant-flowered black seeded White Sweet Pea. Growers of cut flowers can raise now the finest White Sweet Pea as easily and surely as any other hardy black-seeded variety. *Sold only in Eckford's original sealed packets.* Each packet contains two smaller packets holding respectively six black seeds and six white seeds—in all, twelve seeds. Per pkt., 25c.; 3 pkts., \$1.00; 12 pkts., \$2.00.

FIVE GRAND NEW SWEET PEAS.

Per Packet, each 10c., any 3 for 25c., or the 5 for 40c.

Sensation. This bears three and often four large flowers, all facing one way on top of long stiff stems. Under the strong sunlight the fully expanded flowers have the appearance of pure paper-white, but by reflected light or under close examination, flesh tinge is readily discernible. It is unsurpassed in delicacy of coloring, and the vines continue to be completely covered with flowers a long time, even under the hottest sun. Pkt., 10c.; ½ oz., 15c.; oz., 25c.

Earliest of All. This distinct with the *Extra Early Blanche Ferry*, except that it is more dwarf in growth and comes into full bloom at least ten days earlier. (Some claim two weeks.) One well-known grower of Sweet Peas says: "It is the 'record-breaker' for early flowering, and one of great merit. Stems long and stout; flowers large; standards a bright, rich pink, and wings nearly pure white; very seldom does a sport plant appear. Pkt., 10c.; ½ oz., 20c.; oz., 40c.

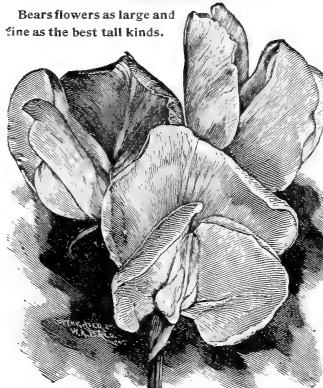
DWARF SWEET PEAS, SWEET CUPID.

The First Dwarf Sweet Pea.
WHITE CUPID—Only 6 inches high. Excites wonder wherever seen. It has all the fragrance of the most favored Eckfords; flowers of fine substance and full size, borne 2 and 3 on the stem—all opening about the same time. Grown in a 12 inch pot just fills the top; with its blooms of glistening whiteness it is wonderfully attractive in the house or conservatory. The flowers are not so bedding, a very charming companion for the Pink Cupid. Pkt., 5c.; oz., 10c.; 2 oz., 15c.; ¼ lb., 25c.; lb., 90c.



DWARF BEAUTY
CUPID.

Bears flowers as large and fine as the best tall kinds.



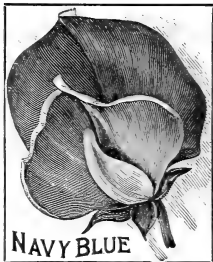
A STEM OF PINK CUPIDS.

able to fall as when first introduced; excellent for companion for the Pink Cupid. Pkt., 5c.; oz., 10c.; 2 oz., 15c.; ¼ lb., 25c.; lb., 90c.

DWARF PINK CUPID. This little wonder grows only 6 to 8 inches. Plants spread 12 to 18 inches around, and shoot up stems 6 inches long, which bear 3 to 4 large, fragrant, handsome flowers. Standards bright rose-pink; wings pure white or light pink. Plant vigorous and hardy; easy to grow anywhere. Flowers early and continues in bloom very late, bearing a profusion of blossoms so thickly as to completely hide the plant itself. Pkt., 5c.; oz., 20c.; 2 oz., 35c.; 4 oz., 60c.; lb., \$1.75.



A POT-PLANT OF CUPID.—From a Photograph.

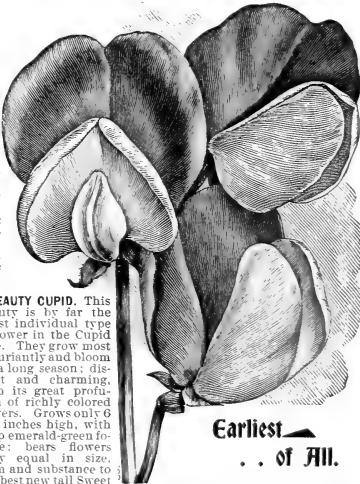


NAVY BLUE

Mary Currie. A deep orange pink, delicately shaded rose-lilac, a most charming flower of exquisite brilliancy; it has been much admired wherever shown, and is likely to become one of the greatest favorites. Pkt., 10c.; ½ oz., 15c.; oz., 25c.

Stella Morse. The blossom opens with a most fascinating shade of deep cream. About the third day it is a delicate primrose with a faint rose-pink edging, which casts a pleasing blush tint to a mass of the blooms, without destroying the creamy-yellow effect; of most perfect form, largest grandiflora hooded type, and grows on long stems of three and four flowers. No one has seen this without being at once in love with it. Pkt., 10c.; ½ oz., 15c.; oz., 25c.

Wawona. Quite a new color. Beautiful *heliotrope*, distinctly striped with white. The flowers of large size and fine form, are borne most profusely upon long, heavy stems. Pkt., 10c.; ½ oz., 15c.; oz., 25c.



Earliest
of All.

BEAUTY CUPID. This Beauty is by far the finest individual type of flower in the Cupid race. They grow most luxuriantly and bloom for a long season; distinct and charming, and its great profusion of richly colored flowers. Grows only 6 to 7 inches high, with deep emerald-green foliage; bears flowers fully equal in size, form and substance to the best new tall Sweet Peas. The handsome, large flowers are borne most profusely all over the plant in clusters of 3 at the top of strong stems. The standard is a delicate and red *decided rose color*, lightening to nearly white at the edges, and slightly striped with carmine at the base. The wings are suffused rose carmine, deepening at the edges. *Sold only in sealed packets.* Pkt., 24 seeds, 25c.; 5 for \$1.; doz., \$2.; ½ pkt. (12 seeds), 15c.; 2 for 25c., 10 for \$1.

For Many Other SWEET PEAS See Page 78 and 79.

General List of . . . **Standard Vegetable Seeds** For Market . . . and Home Gardens.

ALL STANDARD VARIETIES OF REAL VALUE may be found in this department. We exclude everything worthless; omit the endless number which are out of date; avoid misleading descriptions, and do not offer same varieties under different names. General instructions, as to planting and growth, while reliable, will not apply equally to all sections, as some allowance must be made for difference in latitude.

Customers Who Order Early Have their seeds on hand when they want them, and avoid unnecessary delay during the rush of the busy season. Make out your order as soon as you receive our catalogue, and remember that heavy seeds and large quantities can be sent cheaply by Freight and will reach you in time if ordered early.

WE PAY POSTAGE on all Vegetable and Flower Seeds offered in this list by the Packet, Ounce, Quarter-Pound, Pound, Pint or Quart, unless otherwise noted. We GUARANTEE SAFE DELIVERY BY MAIL, POSTAGE PREPAID.

SEEDS If ordered by Express or Freight, to go with other seeds, etc., at buyer's expense, deduct 8 cts. for a pound, 6 cts. for a pint, and 15 cts. for a quart. Half-pounds supplied at pound rates, half bushels at bushel rates.

Peck, Bushel and Barrel Lots. When these are ordered freight or express charges must be paid by the party ordering.

DISCOUNTS ON PACKETS AND OUNCES.

For 25c. select 6 5-cent Packages Vegetable or Flower Seeds.

For 50c. select 13 5-cent Packages Vegetable or Flower Seeds.

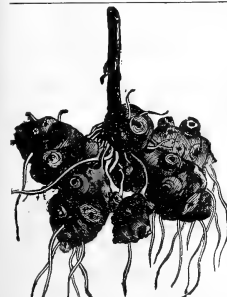
For \$1.00 select Seeds in Packets or Ounces amounting to \$1.30

For \$2.00 select Seeds in Packets or Ounces amounting to \$2.75

For \$5.00 select Seeds in Packets or Ounces amounting to \$7.25

This does not refer to Seeds offered by weight (one-fourth pound, pounds, etc.) or measure (pint, quart, etc.), but to **SEEDS IN PACKETS AND OUNCES ONLY.** Nor to Potatoes, Onion Sets, Bulbs or Plants.

MARKET GARDENERS OR OTHER LARGE PLANTERS requiring larger quantities of seeds than are here offered are invited to write for our **Special Price List.** This list we can not send to private gardeners, even if they apply for it, as it is intended only for those who grow for market. In writing, please state whether you are a Market Gardener, Florist or Dealer in Seeds.



JERUSALEM ARTICHOKE ROOTS

ASPARAGUS.

French—*Asperge.* German—*Spargie.* Spanish—*Esparrago.*

One of the earliest spring vegetables, and one that would be in more general use were it known how easily it can be grown. It can be grown in any good garden soil, but does best in moist, sandy soil. To grow plants from seed, sow in drills about 1 inch deep, in rows a foot apart. Keep the soil mellow and free from weeds during the summer, thin out, and the following spring the plants may be set in beds 6 feet wide, with a 2 foot path each side; set plants 1 foot apart each way, with plants 4 inches below the surface. The deeper the soil and the more manure used the greater the crop. Annually after the first cutting, the bed should be given a liberal top dressing of manure, ashes and salt, which should be well cultivated into the soil. As soon as the tops turn yellow they should be cut and removed from the beds, and just before winter cover beds with 4 inches of coarse, strawy manure or leaves, which should be removed in the spring. A bed 6 x 60 feet is ample for an ordinary family, and when well established is good for 20 years.

One ounce seed sows 60 feet of drill. About 400 plants to the ounce.

ARTICHOKE.

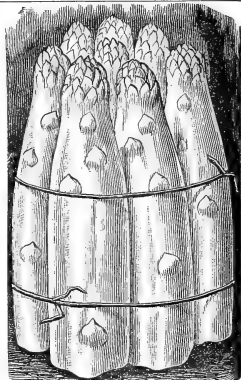
French—*Artichaut.*
German—*Artichoke.*

This is the French Artichoke, and is grown for its flower heads, which are cooked like Asparagus. It is perennial, hardy, and easily cultivated, hence should be more generally grown. Seed can be sown in hot-beds, and transplanted into pots so as to give plenty of room, until danger from frost is past, and then transplanted into very rich ground 3 feet apart each way, or the seed can be sown outside early in April in a rich seed bed in drills 1 inch deep, 12 inches apart, thinning, when up, to 4 inches apart in rows; but in that case will not likely produce heads the first season. Protect in winter with a slight covering of manure or leaves put on late after cutting off the old tops. The second season they will form heads about the first of July. Once established they will continue bearing for years.

Large Globe—Pkt., 5c.; oz., 25c.; $\frac{1}{2}$ lb., 80c.; lb., \$3.00.

JERUSALEM ARTICHOKE ROOTS—The Jerusalem Artichoke can be grown only from the tubers. It is especially valuable as a cheap and healthful stock food, and yields enormous crops. Lb., 30c.; 3 lbs., 75c., postpaid. By Express or freight—Pk., 60c.; bus., \$2.00; bbl. of 3 bus., (enough for one acre), \$5.00.

PRICES FOR PACKETS, OUNCES, QUARTER-POUNDS, POUNDS, PINTS AND QUARTS ARE POSTPAID, UNLESS OTHERWISE NOTED.



Columbian Mammoth White

A distinct variety producing shoots which are white, and remain so as long as it is fit for use. It is very robust and vigorous in habit, throws large shoots and fully as many as Conover's Colossal; needs no earthing up. Pkt. 5c.; oz. 10c.; $\frac{1}{2}$ lb. 25c.; lb. 75c.

Donald's Elmira—Originated with Mr. Donald, a well-known market gardener of Elmira, N. Y. A good, reliable mammoth variety. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 75c.

Conover's Colossal—A large and rapid grower of excellent quality Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 50c.

Barr's Mammoth—Very large and uniform, grows very quick, and is light in color. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.

Palmetto—Claimed to be an earlier, better yielding and more even grower than Colossal. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 50c.

ASPARAGUS ROOTS.

By purchasing **Good Strong Roots** two year's time is saved. At prices quoted buyer is to pay Freight or Expressage.

	100	1000
Columbian Mammoth White . . . . .	.. \$0.75	\$5.50
Donald's Elmira . . . . .	.. .75	5.25
Palmetto . . . . .	.. .70	5.00
Barr's Mammoth . . . . .	.. .65	4.50
Conover's Colossal . . . . .	.. .60	4.00

50 Roots at the 100 rate, 500 at 1000 rate.

PRICE, DELIVERED FREE in the U. S., any variety, \$1.00 per 100 Roots. Special Prices for Larger Quantities of Asparagus Roots.

Beans

French—Haricot. German—Bohne.
Spanish—Frijolero.

DWARF OR BUSH VARIETIES.

Beans are tender and should not be planted until all danger from frost is past; no time is gained by planting before the ground becomes warm. Plant in drills 3 or four inches apart, or in hills 1½ feet apart in the row, and rows 3 feet apart. Hoe often, but never when wet with dew or rain, as earth will rust the leaves and injure the crop, especially in sandy soil. One quart will plant 100 feet of drill; one to one and one-half bushels to the acre.

PACKETS OF BEANS put up to sell at 5c., postpaid, contain TOO SMALL A QUANTITY. We therefore put up LIBERAL SIZED packets at 10c., postpaid, preferring to PLEASE rather than DISAPPOINT customers.

Our Quart and Pint Prices

Include Postage. If to go by express, at buyer's expense, deduct 15c. from quart, or 8c. from pint prices.

GREEN PODDED VARIETIES.

EXTRA EARLY ROUND POD VALENTINE

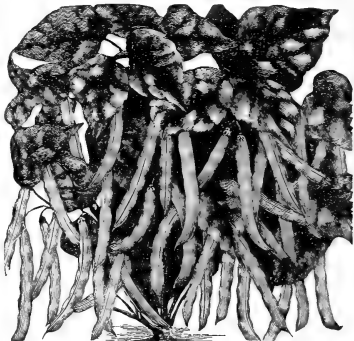
At least 10 days earlier than Early Valentine, and usually ready to pick in 35 days after planting. Pods round, thick and fleshy, of finest quality and unequalled in uniformity of ripening; one of the most profitable sorts for gardeners. Pkt., 10c.; pint, 25c.; qt., 45c.; ½ pk., 90c.; pk., \$1.75; bus., \$6.50.

LIVINGSTON'S ROUND SIX WEEKS

A most excellent green podded snap bean. It is not only extra early, but is a good strong grower and abundant cropper. No green podded sort approaches it in freedom from strings. A favorite with all market gardeners. Pkt., 10c.; pint, 25c.; qt., 45c.; ½ pk., \$1.00; pk., \$2.00; bus., \$7.50.

Refugee, or 1000 to 1—Very popular, productive; young pods tender, of fine quality and handsome; medium to late; preferred by many to all others for pickling. Pkt., 10c.; pint, 25c.; qt., 45c.; ½ pk., 70c.; pk., \$1.25; bus., \$4.50.

White Kidney (ROYAL DWARF)—An excellent "shell bean" for use as a green bean in succotash, and one of the best for winter use. Unsurpassed for BAKED BEANS. Beans long, large, white, kidney-shaped. Pkt. 5c.; pint, 20c.; qt. 35c. ½ pk. 50c.; pk. 90c.; bus. \$3.00.



LIVINGSTON'S ROUND SIX WEEKS BEAN.

BEST OF ALL DWARFS

Pods long, very fleshy, succulent, stringless, and rich in flavor; produced early and abundantly; one of the most valuable green podded beans for either market or family use. Pkt., 10c.; pint, 25c.; qt., 45c.; ½ pk., 70c.; pk., \$1.25; bus., \$4.25.

Prolific Tree—One of the best small white dry bean for market. Pkt., 5c.; pint, 20c.; qt., 35c.; ½ pk., 50c.; pk., 90c.; bus., \$3.00.

BEANS—Other Standard Green Podded Varieties.

These prices include postage for Packet, Pint and Quart. ½ Peck, Peck and Bushel to go by Freight or Express, the buyer to pay charges.

	By Mail, Postpaid.			By Express or Freight.		Bus.
	Pkt.	Pint.	Quart.	½ Peck.	Peck.	
Early White Valentine—Bean white	.10	.25	.45	.75	\$1.25	\$4.50
Early Mohawk—Productive; very hardy	.10	.25	.40	.65	1.10	4.00
Early China—China Red Eye; the old standard	.10	.25	.40	.65	1.10	4.00
Long Yellow Six Weeks—A fine early string bean	.10	.25	.45	.75	1.20	4.25
Extra Early Refugee—Hardy, abundant bearer	.10	.25	.45	.75	1.20	4.25
Goddard or Boston Favorite—Excellent shell bean	.10	.25	.40	.65	1.10	4.00
Emperor William—Largest podded of all early	.10	.20	.45	.70	1.25	4.50
Dwarf Horticultural—Speckled Cranberry	.10	.25	.40	.65	1.10	4.00
White Marrow—Extensively grown; good green or dry	5	.20	.35	.50	.85	3.00
Improved Navy or Boston Pea Bean—Very productive	5	.20	.35	.50	.85	3.00



DWARF LIMA BEANS

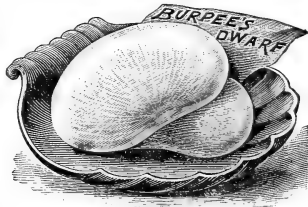
The following varieties are of true Bush or Dwarf form, growing but 18 to 20 inches high without the aid of any support. About two weeks earlier than the Climbing Limas and abundant bearers until frost. Plant in rows 2 feet apart, plants 1 foot apart in the row.

Henderson's Dwarf Lima—Grows in compact bush form, and produces large crops. Pkt., 10c.; pint, 25c.; qt., 45c.; ½ pk., 80c.; pk., \$1.50; bus., \$5.50.

Dreer's Dwarf Lima—True bush form of Dreer's Pole Lima. Matures early; very productive; grows close together in the pod, are thick, sweet, tender and succulent. Pkt., 10c.; pint, 25c.; qt., 45c.; ½ pk., 90c.; pk., \$1.75; bus., \$6.50.

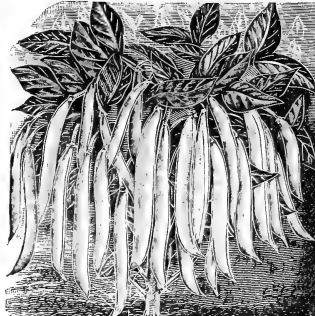
Burpee's Dwarf Lima—Beans as large as Large Pole Lima, strictly dwarf; come true from seed. Of stout growth, and always erect, BRANCHING VIGOROUSLY, bearing from 50 to 200 handsome, large pods, well filled with very large beans. Pkt., 10c.; pint, 25c.; qt., 45c.; ½ pk., 90c.; pk., \$1.75; bus., \$6.50.

Kumerle, or Thorburn—Pkt., 10c.; qt., 25c.; qt., 45c.; ½ pk., 90c.; pk., \$1.75





RUST-PROOF GOLDEN WAX BEAN.



KEENEY'S RUSTLESS WAX BEAN.

DWARF WAX OR YELLOW POD VARIETIES.

Rust-Proof Golden Wax.

One of the best strains of Golden Wax on the market. Hardier, much more prolific, holds its pods up well, is better quality, the pods are straighter, longer and thicker than the ordinary Golden Wax, and is RUST-PROOF. Pkt., 10c.; pint, 25c.; qt., 45c.; $\frac{1}{2}$ pk., 70c.; pk., \$1.25; bus., \$4.75.

Crystal White Wax—Distinct; one of the best. Matures quick, slow to harden, retaining their juicy, succulent flavor for days after they are ready to pull. Pods ivory white, good size, round and very fleshy. Pkt., 10c.; pint, 25c.; qt., 45c.; $\frac{1}{2}$ pk., 70c.; pk., \$1.25; bus., \$4.75.

Golden-Eyed Wax—Hardy, early, vigorous, growing very rapidly, and yields a great profusion of tender, succulent pods of beautiful waxy appearance. Pkt., 10c.; pint, 25c.; qt., 45c.; $\frac{1}{2}$ pk., 70c.; pk., \$1.25; bus., \$4.50.

Scarlet Flageolet Wax—Plants are large, erect, productive; pods EXTRA LARGE. Pkt., 10c.; pint, 25c.; qt., 45c.; $\frac{1}{2}$ pk., 70c.; pk., \$1.25; bus., \$4.50.

Violet Flageolet Wax—PERFECTION WAX. Plant large. Pods are long, large, more twisted than the Scarlet Flageolet. Pkt., 10c.; pint, 25c.; qt., 40c.; $\frac{1}{2}$ pk., 75c.; pk., \$1.40; bus., \$5.00.

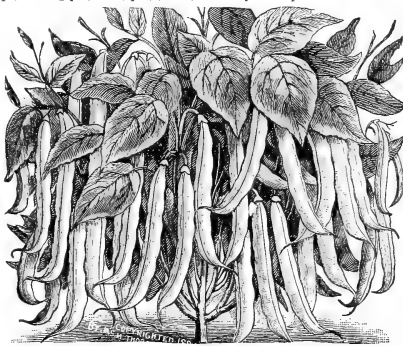
Ferry's Golden Wax—Very early, of golden wax color; excellent quality. Pkt., 10c.; pint, 20c.; qt., 35c.; $\frac{1}{2}$ pk., 70c.; pk., \$1.25; bus., \$4.75.

White Seeded Wax—Excellent snap bean. Seed pure white. Pkt., 10c.; pint, 25c.; qt., 40c.; $\frac{1}{2}$ pk., 80c.; pk., \$1.50; bus., \$5.50.

NEW VALENTINE WAX.

AN IMPROVED EXTRA EARLY VALENTINE with round beautiful waxy pods. Pods are very meaty, and no other bean has less string or less hard shell to the pod as long as it is suitable for cooking. Pkt., 10c.; pint, 30c.; qt., 50c.; pk., \$1.50; bus., \$5.50.

Black-Eyed Wax—Very early. Pods long and beautiful in color; very tender; fine flavor; very productive. Pkt., 10c.; pint, 25c.; qt., 45c.; $\frac{1}{2}$ pk., 70c.; pk., \$1.25; bus., \$4.50.



NEW VALENTINE WAX BEAN.

Keeney's Rustless Wax.

The long looked-for Bean, combining hardness and productiveness with fine quality. A strong grower, with remarkable vigor and freedom from rust. The pods are meaty and well-filled, thick-flat when young, and semi-round later; of rich yellow color, fine quality, and entirely stringless, even when large enough to shell. If the pods are picked as fast as formed, the plant continues to furnish a bountiful supply for an unusually long season, and is practically everbearing until frost. Pkt., 10c.; pint, 25c.; qt., 45c.; $\frac{1}{2}$ pk., 80c.; pk., \$1.50; bus., \$5.00.

Challenge Dwarf Black Wax—A distinct EXTRA EARLY WAX BEAN. Vigorous and productive. Pods large and of good color, growing uniform and well together. Pkt., 10c.; pint, 25c.; qt., 45c.; pk., \$1.25; bus., \$4.50.

Prolific German Black Wax—An improved strain of Early Black Wax, having longer, whiter, fleshier pods and being more productive. Pods are round, waxy-yellow, solid and tender. Pkt., 10c.; pint, 25c.; qt., 45c.; pk., \$1.25; bus., \$4.50.

Wardwell's Kidney Wax—EARLY. Vine medium, erect, hardy and productive. Pods long, broad, flat, brittle and of a delicate waxy-yellow.

Beans are large, kidney-shaped, white with dark markings about the eye. A first-class green snap bean, and a good winter bean. Pkt., 10c.; pint, 25c.; qt., 45c.; $\frac{1}{2}$ pk., 90c.; pk., \$1.75; bus., \$6.50.

Yosemite Mammoth Wax—The monster pods average 10 to 14 inches in length, are nearly all solid pulp, and absolutely stringless, cooking tender and delicious; a rich golden yellow. Pkt., 10c.; pint, 30c.; qt., 50c.; $\frac{1}{2}$ pk., \$1.00; pk., \$1.90; bus., \$7.50.

New Davis Wax—Pods waxy white, long, straight and thick. Beans clear white, kidney-shaped. Very productive. Of compact upright growth. Pkt., 10c.; pint, 25c.; qt., 45c.; $\frac{1}{2}$ pk., 70c.; pk., \$1.25; bus., \$4.50.

Pole Beans.

The Pole or Running varieties are more tender and require more care in culture than the Dwarf or Bush varieties, and should be sown two weeks later; they succeed best in sandy loam, which should be liberally enriched with manure. Form hills from 3 to 4 feet apart; plant 5 or 6 beans in a hill, about 2 inches deep, leaving space in the center for the pole. When the beans are well started they should be thinned to two or three plants in a hill. One quart makes 100 to 200 hills, according to size of beans. 8 to 12 quarts plant an acre.

OUR QUART AND PINT PRICES INCLUDE POSTAGE. If to go by Express, at buyer's expense, deduct 15 cts. from quart, or 8 cts. from pint prices below.
LARGE PACKETS.—Customers write us that our packets contain more seeds than others.

Mammoth Podded Horticultural Pole Bean.

The old London Horticultural or "Speckled Cranberry" has been considered the very best bean known for use either as green shelled for succotash, or for baking, but in this sort we have a bean similar in general character, but better in every way. The mammoth pods are striped and splashed with exceedingly brilliant crimson, and the immense beans are of the best quality. Pkt., 10c.; pint, 25c.; qt., 45c.; ½ pk., \$1.00; pk., \$1.75.

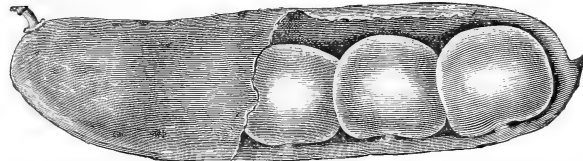
Kentucky Wonder—A very prolific sort, bearing its pods in large clusters; pods green, often reaching 9 or 10 inches in length, nearly round when young, and very crisp. Pkt., 10c.; pint, 25c.; qt., 45c.; pk., \$1.75; bus., \$6.50.

Lazy Wife's—Rods grow from 6 to 8 inches long, entirely stringless, of a rich, buttery flavor when cooked. Pods retain their tender, rich flavor until nearly ripe; a good white shell bean for winter use. Pkt., 10c.; pint, 25c.; qt., 45c.; pk., \$1.75; bus., \$6.50.

STANDARD POLE SORTS.

These prices include postage for Packet, Pint and Quart. ½ Peck, Peck and Bushel to go by Freight or Express, buyer to pay charges.

	By Mail, Postpaid.			By Freight or Express.		
	Pkt.	Pint.	Quart.	½ Peck.	Peck.	Bushel.
White Creaseback —Extremely early; productive; long green round pod; fine quality.	.10	.25	.45	.75	\$1.40	\$5.00
White Dutch Case-Knife —Splendid to shell green or dry; an excellent corn bean.	.10	.25	.45	.75	1.40	5.00
Speckled Cranberry —The old "Bird Egg".	.10	.25	.45	.75	1.25	4.50
Red Speckled Cut-Short —"Corn Hill." Popular for planting in corn.	.10	.25	.45	1.00	1.75	6.00
Southern Prolific —Pods are long, green, fleshy, crisp and excellent.	.10	.25	.45	.75	1.25	4.75
Giant Red Wax —Yellowish-white waxen pods, fleshy and tender.	.10	.30	.50	1.20	2.00	7.50
Scarlet Runner —A favorite as ornamental climber. Clusters bright scarlet flowers.	.10	.25	.45	.80	1.50	5.50
White Runner —White beans and blossoms	.10	.30	.50	1.00	1.75	6.50
Yard Long or Cuban Asparagus Bean A curiosity; dark green foliage; pods over 2 feet long and very abundant. Packets only	.10—3 packets for 25c.					

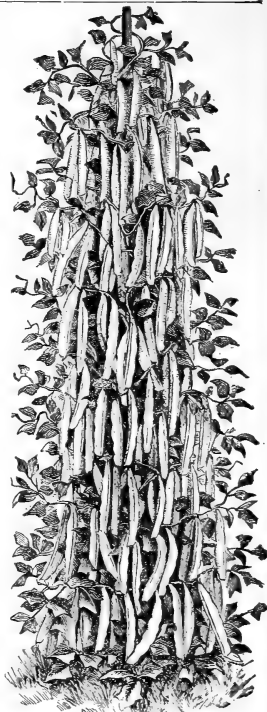


POLE LIMA BEANS.

Lima Beans will not grow until the weather and ground are warm, and if planted before they are apt to rot in the ground.

SIEBERT'S EARLY LIMA—THE EARLIEST TRUE LIMA AND THE VERY BEST FOR MARKET GARDENERS. Very productive, hardy and vigorous. Produces pods early, and the beans are of fine quality. The green shelled beans are of immense size, but so tender and succulent that they shrink in drying to about the size of the Large White Lima. Pkt., 10c.; pint, 25c.; qt., 45c.; ½ pk., \$1.00; pk., \$1.75; bus., \$6.50.

Ford's Mammoth-Podded—Pods are 6 to 9 inches long, produced in large clusters of five or six pods each; of excellent quality for using either green or dry. Pkt., 10c.; pint, 25c.; qt., 45c.; pk., \$2.00; bus., \$7.50.



EARLY GOLDEN CLUSTER WAX.

The best of all Wax Pole Beans. Pods bright golden yellow, stringless, tender and of delicious flavor. Vines strong and hardy, ENORMOUSLY PRODUCTIVE, and bears in clusters. Matures very early and continues until frost. Beans clear waxy white; excellent shelled green. The most profitable market Wax sort. Pkt., 10c.; pint, 25c.; qt., 45c.; ½ pk., \$1.00; pk., \$1.75; bus., \$6.50.

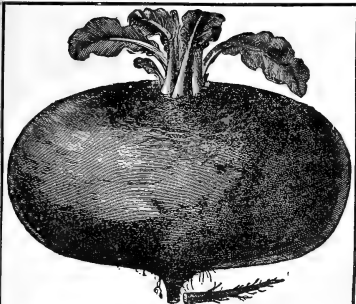
Early Jersey—The beans are nearly as large and equally as good as the late sorts, but two weeks earlier. Pkt., 10c.; pint, 30c.; qt., 50c.; ½ pk., 90c.; pk., \$1.50; bus., \$5.50.

King of the Garden—Vigorous grower, bearing large pods 5 to 8 inches long. Beans large and of rich flavor. Pkt., 10c.; pint, 25c.; qt., 45c.; pk., \$1.60; bus., \$6.00.

Dreer's Improved (Challenger)—Beans, when green, as large as the Large Lima, but thicker, sweeter and more tender. Vines very early; productive; bearing closely crowded clusters until frost. Pkt., 10c.; pint, 25c.; qt., 45c.; ½ pk., 90c.; pk., \$1.60; bus., \$6.00.

Large White—The old favorite for home use or the market. Pkt., 10c.; pint, 25c.; qt., 45c.; ½ pk., 90c.; pk., \$1.60; bus., \$6.00.

Small White (Sieva)—Smaller leaves and seeds but earlier and more hardy than the Large Lima. Pkt., 10c.; pint, 25c.; qt., 45c.; ½ pk., 80c.; pk., \$1.50; bus., \$6.00.



CROSBY'S
IMPROVED EGYPTIAN
BEET.

OUR LEADER.

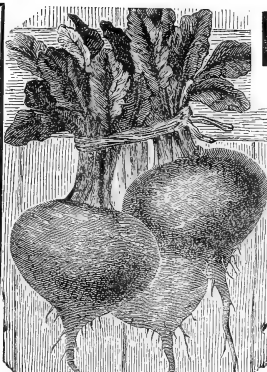
EXTRA EARLY.

A very superior strain of Blood-Red Egyptian, carefully selected for years by Mr. Crosby, a noted market gardener, whose aim was to secure a perfect forcing variety. The results obtained were handsome form, good size, few small tops, very small tap root, fine quality, and, above all, quick, rapid growth. The shape is very desirable, not quite so flat as the ordinary Egyptian, nor so round as the Eclipse. Takes on its turnip shape and looks well even in the early stages of its growth, on which account it is preferred for forcing to the Globe and Half-Long varieties, which require longer time to grow to presentable market shape. This is a decided advantage to those who force for real early market, and especially for a market where beets are sold in bunches. It is PREFERRED TO ALL OTHERS for forcing in frames or for first sowing outside. Being a rapid grower it may be sown outside as late as July. We have made a very fine selection of this stock for years and we believe have it nearer the original Crosby idea than any one in the trade; many samples we have tested from other houses turned out to be the ordinary Egyptian, a mixture or inferior grade of so-called "Crosby." If planted every three weeks it makes a most excellent beet for family use.

PRICE OF EXTRA CHOICE SEED OF our own growth—Pkt., 10c.; oz., 15c., ¼ lb., 35c.; lb., \$1.00, postpaid.

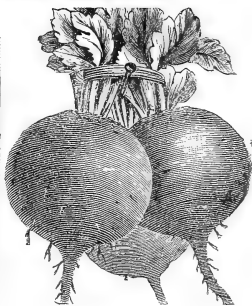
BROCKMAN & CO., Sebastian Co., Ark., Dec. 15, 1896. "We have found your Crosby's Egyptian Beet to be the best of any we raised last season."

J. S. DRAKE, Miami Co., Ohio. "Year before last I sent to you for Crosby's Egyptian Beet, and raised a fine lot of beets. Last year I sent to another house for the same variety of seed and I raised a very poor lot of beets."



Edmand's Early Blood Turnip Beet.

BEET



Detroit Dark Red Beet.

Table Beets.

French—*Betterave*. Spanish—*Betteraga*. German—*Runkle-Rube*.

The soil best suited for the culture of the Beet is that which is rather light, provided it is thoroughly mixed with manure. If wanted very early, sow in hot-beds and transplant; but for main crop sow in the spring as soon as the ground becomes fit to work, in drills 18 inches apart and 2 inches deep. For winter use the turnip varieties may be sown as late as June. When the plants have attained 3 or 4 inches in height thin out so that they stand 5 or 6 inches apart. Keep free from weeds by frequent hoeing, and hand weeding if necessary. Before freezing weather sets in the roots may be stored in cellars or pits, same as potatoes; dry earth thrown over them before the straw and earth covering is put on insures their keeping over winter. Be careful not to bruise them in handling. One ounce of seed to 50 feet of drill. 5 to 6 pounds to the acre.

Prices include Postage Prepaid by us.

EDMAND'S EARLY BLOOD TURNIP—This beet, of American origin, is the most uniform of all Turnip Beets. The root is always smooth, round and handsome, tops small, of good marketable size, and among the best for table use. color dark red, flesh purplish-red, crisp, tender and sweet. An excellent keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

DETROIT DARK RED—One of the best red TURNIP-SHAPED varieties. Has small, upright tops, splendid shape; color of the skin is dark blood-red, flesh deep bright red. Very crisp, tender and sweet; matures early, holds a long time in condition for use. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

DEWING'S IMPROVED BLOOD TURNIP—The leading main crop variety. Roots smooth, handsome, good size, tender and sweet. A favorite with marketmen. The seed we offer is grown from SELECTED BEETS and is unexcelled by any in the country. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

EARLY EGYPTIAN—Very early, dark blood-red, medium size, tender and sweet; used for forcing. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

ECLIPSE—A very early, handsome, smooth, dark globe-shaped beet; small top; very desirable quality. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

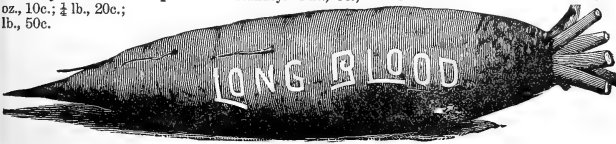
ARLINGTON FAVORITE—A beet of fine form, good flavor, deep blood-red colored flesh, small foliage; for general market garden cultivation hard to excel. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

HALF-LONG BLOOD-RED—Of handsome shape, fine quality, and quick growth, coming in soon after the Turnip varieties; good for winter use if planted about the middle of July. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Bastian's Early Blood Turnip Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

Early Flat Red Bassano—Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

Long Dark BLOOD-RED A good keeper; excellent for winter use. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.



BEETS

For Feeding Stock.

Mangel Wurzels for stock feeding cannot be over-estimated. The results from their use are wonderful, as is clearly shown in the improved health and condition of animals, the increased yield of milk in cows, and the great saving in hay. They can be raised at a very trifling cost, and yield immense crops per acre, if the soil is rich—you can hardly get it too rich—they make a heavy growth, and the rows should be at least two feet apart, and if large quantities are grown it is best to have the rows wide enough apart to use a horse in cultivation.

Five or six pounds of seed required per acre.

GOLDEN TANKARD—The best Yellow Mangel in cultivation, and should be on every farm. Flesh yellow, tops small, necks very small, roots large. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 35c. By Express—Lb., 30c.; 5 lbs., \$1.25; 10 lbs., \$2.25.

Golden Giant Intermediate—**YELLOW LEVIATHAN, MAMMOTH YELLOW**—Beautiful russet-yellow; remarkably even in shape; skin smooth; the flesh is white, firm and sweet; produces enormously, and is an excellent keeper. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 35c. By Express—Lb., 30c.; 5 lbs., \$1.25; 10 lbs., \$2.25.

Champion Yellow, or Orange Globe—Very productive, easily pulled; excellent keeper; spherical in shape; orange-yellow. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 35c. By Express—Lb., 30c.; 5 lbs., \$1.25; 10 lbs., \$2.25.

Red Globe—Similar to Yellow Globe, except color. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 35c. By Express—Lb., 30c.; 5 lbs., \$1.25; 10 lbs., \$2.25.

MAMMOTH LONG RED, also called **Norbitan Giant, Jumbo Mangel, Colossal**, etc.—A large, well-formed variety; jumbo-red color; exceedingly nutritious. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 35c. By Express—Lb., 30c.; 5 lbs., \$1.25; 10 lbs., \$2.25.

SWISS CHARD—Silver or Sea Kale Beet.

Cultivated for its leaves. The mid-rib is stewed and served as Asparagus, other portions of the leaf being used as Spinach. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 50c.

BROCCOLI.

French—*Chou Brocoli.*

German—*Spargle Kohl.*

Sow thinly in seed beds about the middle of spring; transplant and cultivate the same as Cabbage. Produces heads very nearly like Cauliflower, but more hardy.

Early Large White—Heads medium size, close and compact. ONE OF THE MOST CERTAIN TO HEAD. Pkt., 10c.; oz., 30c.; ½ lb., \$1.00.

BORECOLE OR KALE—See Kale.

CHICORY.

Large Rooted—Used to mix with or as a substitute for coffee. The culture is the same as for the Carrot. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

COLLARDS.

A plant of the Cabbage family. It is well adapted to the South, enduring extreme heat; very popular; excellent for greens.

True Southern—Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., 1.00.

Corn Salad, or Feticcus.

German—*Lammersalat.*

French—*Mache.*

A vegetable used as a salad. It is sown on the first opening of spring in rows one foot apart, and is fit for use in six or eight weeks from sowing. If wanted in early spring, sow in September, cover with straw or hay as soon as cold weather sets in. Can be grown in cold frames, covered with straw mats or shutters, and used any time during the winter.

Large Leaved—Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 60c.



SUGAR BEETS.

Sugar Beets are not as heavy yielders as the Mangels, but are of superior quality, containing a large amount of saccharine matter; thousands of acres are planted with Sugar Beets for manufacturing sugar. They are excellent for feeding cows, improving wonderfully the quantity and also the quality of the milk.

LANE'S IMPERIAL—An excellent American variety, and well liked for stock-feeding. Large, smooth, of fine grain and very sweet. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 40c. By Express—Lb., 30c.; 5 lbs., \$1.25.

French Red Top—Extensively grown in France. Ripens early and yields large returns in sugar per acre; heavy cropper. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 35c. By Express—Lb., 30c.; 5 lbs., \$1.25.

VILMORIN'S IMPROVED WHITE—A medium sized White Sugar Beet brought by the most careful selection to the highest perfection, both in shape and color of roots. Greatly esteemed by sugar manufacturers. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 35c. By Express—Lb., 30c.; 5 lbs., \$1.25.

KLEIN-WANZELBEN—Cultivated on a large scale. The root is conical, straight and even, quite large at the head and rapidly tapering. Easy to dig, a heavy yielding, and contains from 13 to 15 per cent of sugar. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 35c. By Express—Lb., 30c.; 5 lbs., \$1.25.

Special Prices on application for Larger Quantities of Mangels and Sugar Beets.

BRUSSELS SPROUTS.

French—*Chou de Bruxelles.*

German—*Sprossen Kohl.*

One of the most delicious of all vegetables, of easy growth, but is not so well known in America as it deserves. Produces on the stem small heads resembling miniature cabbages. The sprouts are used as greens, and become very tender when touched by frost; sow in May and manage as winter cabbage. In the fall break the leaves down so that the little cabbages will have more room to grow.

Best Imported Dwarf—Produces compact sprouts of finest quality; a good keeper. Pkt., 5c.; oz., 15c.; ½ lb., 50c.; lb., \$1.50.

Cress, or Pepper Grass.

A well-known pungent salad; can be used alone or with lettuce. Requires to be sown thickly (covering very lightly) at frequent intervals, to keep up a succession, as it soon runs to seed.

Extra Curled (Pepper Grass)—May be cut two or three times. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 50c.

Upland Cress—This is a hardy perennial, stays green nearly the whole year, and ready for use before any other salad in the spring. Eaten like Lettuce or boiled like Spinach. It has the highly prized flavor of the Water Cress. Sow in April in rows one foot apart. Pkt., 10c.; 3 pkts. for 25c.

Water Cress—This is a well-known hardy perennial aquatic plant sold in immense quantities in our markets in the spring. It is easily grown by planting along margins of ponds and streams, where it increases both by spreading of the roots and by seeding. It has a particularly pleasant pungent taste. Pkt., 10c.; oz., 25c.; ½ lb., 75c.; lb., \$2.75.



GENUINE BURPEE'S SURE HEAD—Is a very reliable header, large, round, flattened heads of the Flat Dutch type; a good keeper and shipper; exceedingly popular. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

Early Deep Head—An improvement over the old Fottler cabbage, and a magnificent variety. It makes a larger and thicker head, hence it is better to keep over winter, "peeling" well in the spring. The best second early cabbage we ever raised. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

Early Dwarf Flat Dutch—An excellent second early variety, producing fine, large heads after the first early varieties have disappeared. Highly valued both for its fine quality and ability to resist heat. Heads very solid, broad and round, flattened on top; tender and fine grained. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

LIVINGSTON'S IDEAL WINTER CABBAGE.

This variety is a few days earlier than LIVINGSTON'S PREMIUM FLAT DUTCH, and is certainly one of the most magnificent strains of Late Flat Dutch known to-day. By persistent selection, year after year, it has been brought to a state of perfection rarely attained. The large, solid heads, the low, short stems, the absence of useless foliage, the uniformity of size and shape, the reliability for heading, and the long continued selection mentioned above, all combine to make this

THE IDEAL CABBAGE FOR PROFIT. Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

WM. C. WAGNER, Rav's Crossing, Ind. I have grown many strains of fine winter cabbage, but the Ideal beats them all. It forms the prettiest, stockiest plants I ever saw in any strain of cabbage before, with heads remarkably large, tender and solid. In fact it is all anyone could wish in a fall or winter cabbage. It cannot be praised too highly.

THOS. L. DODSON, Perry Co., Ohio. "I can recommend your IDEAL CABBAGE very highly. I think there is NONE BETTER. All the seeds got from you gave good satisfaction."

Early Spring Cabbage.

A New Extra Early Flat Head Variety.

As early as Jersey Wakefield. Yields one-third more than any other extra early cabbage on the same space of ground. Plant them 21 inches apart and you have 13,500 per acre. It has the peculiarity of heading firmly at an early stage in its growth, making it a valuable variety for extra early market. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50; lb., \$4.50.

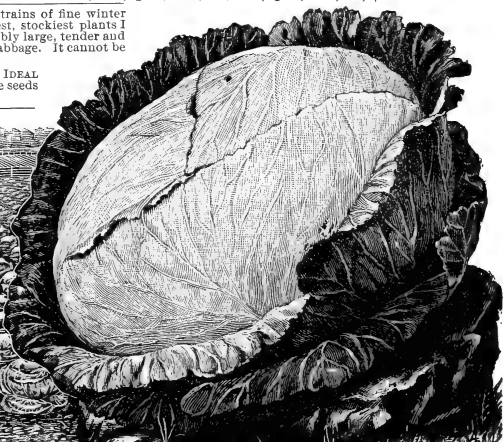
ALL SEASONS—A greatly improved strain of Early Flat Dutch. Heads very large, round, solid, and of fine quality, keeping as well as the winter sorts. Remarkable for its ability to stand the hot sun and dry weather. ONE OF THE VERY BEST SORTS FOR GENERAL CULTIVATION, AND NONE BETTER FOR LATE PLANTING. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40.

Chase's Excelsior—A medium early variety, following Early Summer, but with heads almost double the size. It is very uniform in type, sure to head, and is exceedingly solid. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Fottler's Short Stem Brunswick—A rapid grower; has large, solid heads and but few outside leaves. If planted early it is ready for use in July or August; planted late it is a choice winter sort. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

Early Louisville Drumhead—A favorite about Cincinnati and Louisville, where it has been grown for more than forty years. Heads very large and solid; a sure header; will stand without bursting almost the entire summer. For winter use, sow late in the season. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

Henderson's Succession—About one week later than the Early Summer, but nearly double the size, while it can be planted nearly as close, its outer leaves being unusually short. One of its characteristics is the fact that it is **always sure to head**. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.



~ LIVINGSTON'S ~

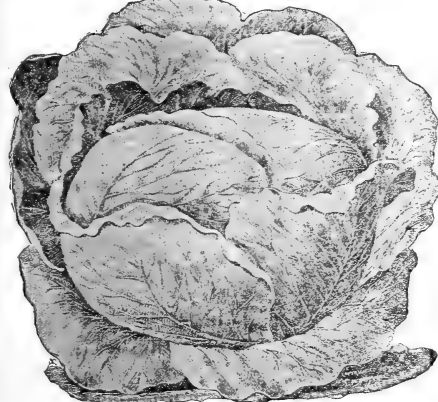
Premium Flat Dutch Cabbage.

Over ten years ago we set out to build up a strain of Large Late Flat Dutch Cabbage that would be better than any other on the market. We are strongly convinced that we now have it in our SELECT PREMIUM FLAT DUTCH. Our purpose has been to weed out every objectionable point, and to fix firmly every good quality. It produces many tons to the acre, because of its solidity and compact, snug manner of growth. Unlike most large sorts, it is solid to the heart. Seeds have been GROWN ALWAYS FROM HEADS (not from stalks after the heads were taken off) fully developed and perfect in every respect; this strain has a most vigorous constitution. For the winter market it has no superior. Heads are large and very solid; they open white, crisp and tender, and with good cultivation is sure to head. Grown largely by marketmen on account of its good shipping qualities. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.50; 2 lbs., \$4.50, postpaid.

Louderback's All-Year-Round—One of the finest Early Drumheads now grown. Heads large, compact and solid; very short stem, is hardy, and can be sown at any time during the cabbage planting season and will head up to the satisfaction of the grower. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Filderkraut—A solid and sure heading German variety. Heads pointed conical; resembles the Winingstadt, but is larger and more pointed. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

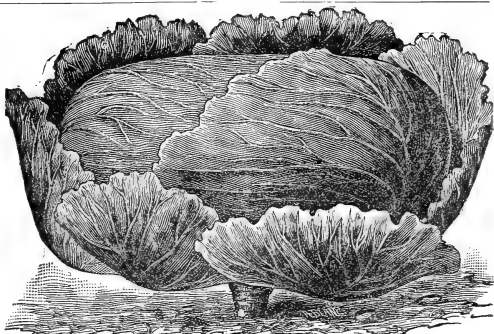
Luxemburg—TRUE AMERICAN—Owing to its many remarkable keeping properties, and the fact that the head remains as green as when gathered in the fall; it is the king of all cabbage for late keeping in the spring. For spring and late spring sales, when cabbages usually bring their highest price, this is THE cabbage. Pkt., 5c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.



NEW LUPTON CABBAGE.

THE NEW LUPTON CABBAGE—A GRAND, GOOD CABBAGE. A rare combination of the second early and late sorts, strong in constitution, perfect in type it has none of the coarseness of the late varieties, with all the fine qualities of early maturity, the stock is short; color dark green; very large heads in proportion to the plant. Especially adapted to all purposes of the farmer and market gardener, as it will grow more uniform, head better, and keep equally as well as the later varieties. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

E. J. McDONALD, Perry Co., Ohio, March 20, 1897. "The New Lupton is a very excellent cabbage; grows very solid heads of excellent flavor.



LIVINGSTON'S PREMIUM FLAT DUTCH CABBAGE.

Bridgeport Drumhead—Very popular about Chicago, and shipped more largely than any other from that market; it seems to possess all the points desired by large growers. OUR SEED IS RIGHT, but not so EXHIBITANT IN PRICE as some. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Large American Drumhead—A very superior fall and winter variety; large, solid heads. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Stone Mason—THE OLD RELIABLE late market sort, with short stems and fine, large heads. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Large Late Flat Dutch—Grows to a large size, the flat, solid heads often weighing fifteen to twenty pounds. A sure header and a good keeper over winter; extensively grown for shipping. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Autumn King—WORLD BEATER—One of THE FINEST strains of Late Cabbage ever offered. It produces regular, even heads of enormous size, and can be relied upon to produce a greater weight of crop from the same space of ground than most of the late sorts, from the fact of its producing so few outer leaves. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

RED CABBAGE.

Extra Early Blood Red Erfurt—The earliest and reddest of all reds. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Red Drumhead—Heads large, rounded in shape, hard, and very deeply colored at the heart. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

Mammoth Rock Red—Heads as large as the Flat Dutch, deep red to the center; highly recommended. Hard as a rock. Pkt., 5c., $\frac{1}{2}$ oz., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

SAVOY CABBAGE.

The Savoy or Curley Cabbage are of much finer flavor and quality than the best of other kinds, and should be more generally cultivated. They are particularly adapted for private use, where quality rather than quantity is considered. Grown in the fall and allowed to be touched by frost, it is one of the most delicious of all vegetables.

Early Paris Savoy—Best early Savoy; heads firm, solid, beautifully crimped; finest quality. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

American Drumhead Savoy—A late Savoy and far superior to the ordinary IMPORTED Drumhead Savoy. Heads large and very finely crimped; short stalk, compact grower; excellent keeper. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

Marvin's Large Savoy—This distinct and most excellent variety originated with a Long Island trucker, and is the finest of the Savoy class. It is very uniform, solid, very curly and a sure header (90 to 95 per cent.). Its flavor is unsurpassed by any late cabbage. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

CAULIFLOWER.

German—*Blumen Kohl.*French—*Choufleur.*Spanish—*Cotiflor.*

No Seed is more important than Cauliflower. The Price should not be considered.

The culture of Cauliflower is similar to Cabbage. It delights in a rich, moist soil, and in dry seasons should be abundantly watered, especially when heading. Sow seed in the hot-bed in January or February, and transplant the plants 2 or 3 inches apart in boxes, or in the soil of another hot-bed, until such time as they are safe to be planted in open ground, which, in this latitude is usually from the 15th of March to the 10th of April. Set the plants 2 feet by 15 inches apart. If properly hardened off they are seldom injured by being planted out too early. When heading tie the outside leaves loosely over the head to protect it from the sun. Cauliflower should be kept growing constantly, as it may be injured by a check at any period of growth.

One ounce gives 1500 to 2000 plants.

Livingston's Earliest.

FINEST IN THE
WORLD.

Sure Header.
Select Stock.



The best of all for forcing under glass. Compact grower, extremely early, sure heading, heads large, solid, and white as snow. Gardeners who have tested this fine stock invariably pronounce it the most profitable variety for either early or late planting. In short, it is an excellent all-seasons Cauliflower. Price, under our **True Blue Seal**—Pkt., 25c.; $\frac{1}{2}$ oz., 90c.; oz., \$3.50; $\frac{1}{4}$ lb., \$12.00.

EXTRA EARLY DWARF ERFURT—The favorite German variety. Dwarf habit, compact growth, short outside leaves; can be planted 20 inches apart. **SURE HEADER.** Pkt., 15c.; oz., 65c.; $\frac{1}{2}$ oz., \$1.25; oz., \$2.25; $\frac{1}{4}$ lb., \$7.50.

Veitch's Autumn Giant—The heads are beautifully white, large, compact, and being thoroughly protected by the foliage, remain longer fit for use. Pkt. 5c.; $\frac{1}{2}$ oz. 25c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.50; $\frac{1}{2}$ lb. \$7.75.

HENDERSON'S EARLY SNOWBALL—One of the best types of Cauliflower on the market. If planted March 1st, large heads will be produced early in June, and scarcely a single head will fail to form. The outer leaves are short, so that plants may be set 18 to 20 inches apart. Its compact habit of growth renders it a very profitable variety to force under glass, and it does well for late planting. OUR STOCK CANNOT BE EXCELLED IN QUALITY. Pkt., 25c.; $\frac{1}{2}$ oz., 75c.; $\frac{1}{2}$ oz., \$1.50; oz., \$2.75; $\frac{1}{4}$ lb., \$9.00.

Half Early Paris, or Nonpariel—Large, white and compact; good early or late. Pkt., 5c.; $\frac{1}{2}$ oz., 20c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.00.

Large Late Algiers—A splendid late variety; popular with canners and marker gardeners. Seldom fails to produce large, white heads. Pkt., 10c.; $\frac{1}{2}$ oz., 40c.; oz., 70c.; $\frac{1}{4}$ lb., \$2.00.

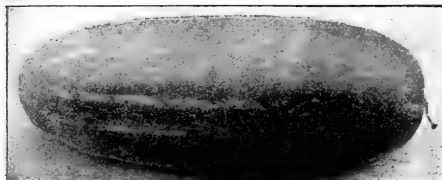
Cucumbers.

German—*Gurke.* French—*Coucomber.* Spanish—*Cohombro.*

quickly, sometimes from effects of over-feeding and from the use of manures that are too quick; on this account cow manure is preferred to horse manure. One ounce of seed for fifty hills. One to two pounds for an acre.

Livingston's Evergreen Pickle.

Introduced by us in 1890, now well-known the country over, catalogued by all the leading seedsmen, and generally admitted to be the best pickle sort offered, possessing every qualification required in a perfect Pickle Cucumber. One grower says it bears "four to one" compared with the standard sorts. It is a very strong grower, extra early, and bears firm, crisp fruits which are excellent for slicing. When ripe it is **YELLOW**, not **WHITE**, as some have mistaken it. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 2 c.; lb., 7 c.; 3 lbs., \$2.00, postpaid.



LIVINGSTONS' EXTRA EARLY WHITE SPINE.

As soon as the weather becomes settled and warm, plant in hills 4 to 6 feet apart each way, with 8 or 10 seeds in a hill; cover half an inch deep, smoothing the hill off with the hoe. Keep the soil well stirred, and when the plants are out of danger of insects, leave 3 or 4 plants to a hill. For pickles, plant from 1st of June to 1st of August. The fruit should be gathered when large enough, whether required for use or not, as, if left to ripen on the vines, it destroys their productiveness. CUCUMBERS FORCED UNDER GLASS turn yellow

LIVINGSTON'S EVERGREEN.



LIVINGSTON'S EXTRA EARLY WHITE SPINE

This Private Strain we have had for over 30 years, and is the most thoroughbred, uniform and shapely variety known, not only for first early but general crop. It excels in earliness, often ready for slicing when other sorts are only pickles. In purity it is unequalled. Vines are vigorous growers. Excellent for slicing and makes choice pickles; straight and smooth; a great bearer, keeps green longer than the yellow varieties; no sort excels it in crispness and flavor. Our Southern friends will find it admirably adapted to their wants **SELECTED SEED**—Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 85c.; 3 lbs. \$2.25.

JAPANESE CLIMBING—See Novelty Pages. Pkt., 5c.; oz., 10c.

Extra Early Russian—The earliest; small, hardy, productive; excellent for small pickles. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.

Thorburn's Everbearing—Small, very early, productive, and valuable as a pickle. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.

Improved White Spine, or Arlington—GENUINE STOCK—For market use and pickling this variety is much superior to the old White Spine. Our stock is the true Boston strain. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 25c.; lb., 75c.

Extra Long, or Evergreen White Spine—Longer than the Peerless; fine quality; makes a good pickle; used quite extensively for growing under glass. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.

Albino—A fine white skinned sort; excellent for home use. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.

White Pearl (Japan White)—A beautiful pearly white; even the young fruits are a very light color; tender; crisp in taste; splendid quality for forcing. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 30c.; lb., \$1.00.

Improved Long Green—Long and crisp; a popular and reliable variety for pickles. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.

Nichol's Medium Green—We introduced this variety to the public in 1883. Color dark green; flesh crisp and tender; medium size; always straight and smooth; a real handsome and prolific variety. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.

Chicago, or Westfield Pickling—Popular with Chicago gardeners; medium length, slightly pointed at ends, very large, prominent spines; deep green. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 50c.

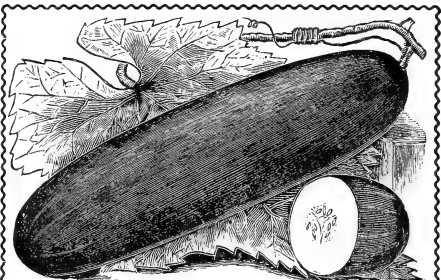
Peerless White Spine—ONE OF THE FINEST. Large, straight and well formed; full at both ends; productive; skin deep green, holding color until maturity. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 50c.

Giant Pera—A magnificent variety of delicious flavor. Flesh white, crisp and tender at all stages. Of enormous size, frequently 18 inches in length and 10 inches around; very smooth and straight; skin free from spines. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 75c.

Bismarck—A cross between Long Green and White Spine, of desirable shape and color. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 55c.

Early Green Cluster—A short, prickly variety bearing clusters; prolific; fine for bottle pickles. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 50c.

Boston Pickling, or Green Prolific—Its characteristics are its uniform growth, seldom yielding cucumbers too large for pickling, and its immense productiveness. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 50c.



Livingston's Emerald.

(Introduced by us in 1897.)

New, distinct, handsome and of excellent quality. SEE NOVELTY PAGES for Description and Prices.

Early Frame, or Short Green—A popular variety of medium size. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 50c.

Jersey Pickling—Intermediate between Long and Short Green, forming a long, slender, cylindrical pickle; very crisp and tender. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 55c.

Cool and Crisp—The beautiful green color of this variety is all that can be desired. Excellent for pickling or slicing. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 25c.; lb., 75c.

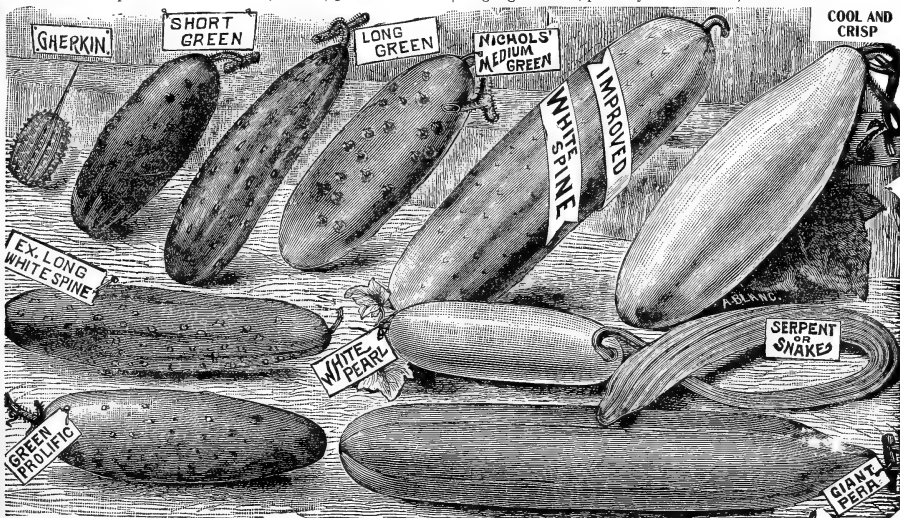
Serpent, or Snake Cucumber—A very interesting curiosity. The cucumbers grow curled up like a snake, with the head protruding, and sometimes several feet in length; quality fair. Pkt., 10c.

Gherkins—(TRUE WEST INDIA)—Used only for pickles. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 30c.; lb., \$1.00.

ENGLISH FRAME OR FORCING CUCUMBERS.

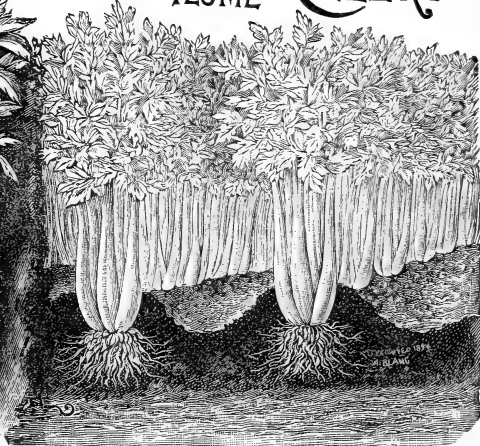
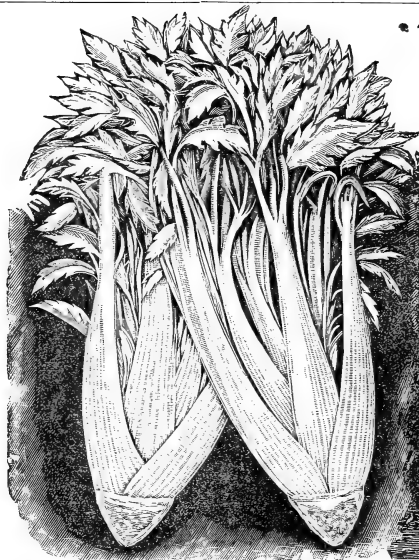
Noa's Forcing—Most excellent sort; prolific. Pkt., 15c.

Rollison's Telegraph—Grows about eighteen inches long, bright green color, perfectly smooth. Pkt., 15c.



... LIVINGSTON'S HIGH GRADE CELERY SEED. ...

WHITE PLUME CELERY



CELERY.

German—*Sellerie*. French—*Celeri*. Spanish—*Apis*.

Celery Culture. Celery can be successfully grown with but little labor, in any good garden soil, by using plenty of well rotted manure with a liberal sprinkling of coarse salt worked into it, and this mixture should be put into the trenches, working it well into the soil, at least two weeks before the plants are transplanted into them. It delights, however, in low, moist, rich bottom land, or well-drained muck soil. It is usually grown as a second crop.

Growing the Plants. It is not necessary to sow the seeds in a hot-bed or cold frame, as it is apt to run to seed if started too early, but sow in the open ground as soon as it is fit to work in April, and an additional sowing or two between this date and May first, will insure a plentiful supply of good plants. Sow in rows so that it can be kept free from weeds. Prepare the soil well and cover the seed very shallow and firm the soil well after sowing; also keep very moist until the seed germinates. After coming up the plants should be partially shaded for a week or ten days, and see that the soil does not get too dry. When two inches high thin and transplant to three inches apart. To insure good "stocky" plants, the tops should be cut back, to within say two inches of the crown, when about four inches high.

Transplanting. The evening is the best time, and especially if after a shower; otherwise give them a good watering and you will lose but very few plants. Remember that it is essential that the soil be pressed firmly about each plant when set out, especially if done in a dry time; the old method of setting in deep trenches is a thing of the past. Some of our most successful growers set on the level surface, while others prefer a broad, shallow trench, only three or four inches deep. These trenches should be at least three feet apart for the dwarf, and not less than four feet for the larger sorts; set plants in single rows not over six inches apart in the trench. Transplanting is done about the middle of June for the first early, and as late as the middle of August for the latest. Keep well cultivated, and in about six weeks "handling" should begin (never do this when wet from rain or dew). This is done to make the celery grow upright. The soil is drawn to the row from each side with an ordinary hoe. Now take all the leaves of the plant in one hand and with the other draw the soil around it, pressing firmly, being careful that no soil gets between the leaves, as it is apt to cause rust, or rot the plant. In about two weeks, or as often as it is necessary to keep the leaves in this upright position, more soil should be drawn to the row.

One ounce of seed produces about 2000 plants.

White Plume Celery.

Early, Handsome, of Good Flavor and Fine Texture. More Largely Grown than All Other Varieties Combined.

It is almost self-blanching; naturally its stalk and portions of the inner leaves and heart are so white that by closing the stalks, either by tying or simply drawing the soil up against the plant and pressing it together, the work of blanching is completed. In appearance it is very ornamental. It is unsurpassed for fall and early winter use. It is a good keeper up to the holiday season; but for later use we would advise growing some of the more hardy kinds. WE HAVE MADE A SPECIALTY OF WHITE PLUME EVER SINCE ITS INTRODUCTION, AND ARE SUPPLYING MANY OF THE LARGEST GROWERS THROUGHOUT THE COUNTRY. WE KNOW OUR SEED OF THIS VARIETY IS NOT EXCELLED IN QUALITY AND PURITY. Selected White Plume—Pkt., 5c.; LARGE PKT., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{2}$ lb., 60c.; lb., \$2.00.

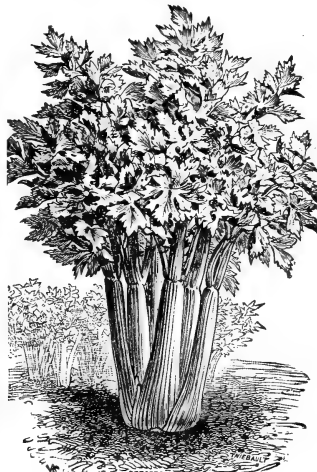
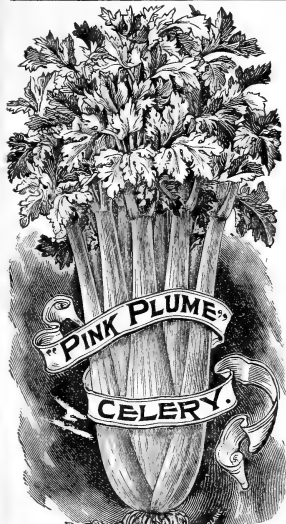
FROM A CELERY GROWER.

GEO. T. ROBINSON, Talbot Co., Md., says: "I wish to add my testimonial for your White Plume Celery. I have been raising White Plume for ten years and have never seen any to equal yours in perfection of color. Also it is free from green stalks, is of good height and blanches easily. It cannot be excelled."

PINK PLUME—Practically identical with White Plume, excepting that the stalks are suffused with pink, and possessing the crispness, rich nutty flavor and long keeping qualities peculiar to red sorts. The appearance is extremely attractive, and the quality simply perfect. The habit of growth is strong and vigorous. Its self-blanching qualities are the same as White Plume. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 20c.; $\frac{1}{2}$ lb., 60c.; lb., \$2.00.

PERLE LE GRAND—The New Perle Le Grand is handsome, stocky and robust, and its close habit is always admired. Its beautiful, full, golden heart and rich nutty flavor is unsurpassed by any other variety. It is a good early Celery, being among the first fit for use, and remains, when properly trenched, in perfect condition away into the spring. Pkt., 5c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{2}$ lb., 75c.; lb., \$2.50.

NEW ROSE—The red and pink celeries have been deservedly gaining in popular favor for several years, because they are hardier and better keepers than the yellow and white sorts, and because of their superior flavor and crispness. NEW ROSE combines with the above fine qualities, handsome appearance, making it an attractive ornament to the dinner table, the heart and stem being shaded to a fine rose color. Pkt. 5c.; $\frac{1}{2}$ oz. 15c.; oz. 25c.; $\frac{1}{2}$ lb. 60c.; lb. \$2.25.



GOLDEN ROSE CELERY.

GIANT PASCAL—A green leaved variety which developed from the Golden Self-Blanching, retains the beautiful color, thick, solid, crisp stalks and incomparable flavor of that variety, but is of stronger growth, also larger, producing perfectly blanched stalks. It is unequalled for rich, nutty flavor. Branches very easily and is "brittle as a pipe stem." The quickness and ease with which it is bleached is remarkable. A fine keeper, an excellent shipper, retaining color and fresh appearance as long as any other. A favorite with Southern growers. For midwinter and early spring it is excellent. Pkt., 5c.; oz., 20c.; $\frac{1}{2}$ lb., 60c.; lb., \$1.75.

GOLDEN SELF-BLANCHING—FOR EARLY USE preferred by many to all other sorts; as self-blanching as White Plume, and simply needs a slight earthing up. The entire plant is an attractive yellowish-green, and as it approaches maturity the inner stems and leaves become a beautiful waxy golden color. Grows to good size, very tender, crisp and solid, and when well grown is of excellent quality and very beautiful. Invaluable to the gardener and exceedingly popular with every planter. Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{2}$ lb., 75c.; lb., \$2.50.

DWARF GOLDEN HEART—A distinct variety of sturdy dwarf habit. It is solid, an excellent keeper, and of fine, nutty flavor. When blanched, the heart, which is large and full, is a light yellow, making a showy and desirable variety for either market or private use. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.; $\frac{1}{2}$ lb., 40c.; lb., \$1.50.

GIANT GOLDEN HEART—Produced by careful selection and high culture from Dwarf Golden Heart, by one of the best celery growers in the country. In quality, appearance and LARGE SIZE it is unsurpassed. ONE OF THE BEST LATE VARIETIES FOR THE MARKET GARDENER, while its fine flavor and rich color make it desirable for private use. Very hardy, and held in high esteem among gardeners. Pkt., 5c.; $\frac{1}{2}$ oz., 15c.; oz., 20c.; $\frac{1}{2}$ lb., 60c.; lb., \$2.00.

Livingston's Celery Book. ^{Illustrated.} 100 Pages.

Written expressly for us the past season by Mr. E. J. HOLLISTER, who has been the most extensive practical Celery Grower and Shipper in the United States for the past twenty years. He has grown extensive crops in Canada, Michigan, Ohio and Florida. The work is fully up-to-date on all essential points and is A COMPLETE GUIDE FOR THE CELERY GROWER. Paper Cover, 40 cents. Cloth Bound, 60 cents.

A BOOK FREE. We will give a paper cover book with a Celery Seed order that amounts to \$3.00, or a Cloth Bound book with a \$4.50 Celery order. A general order for other seeds amounting to \$4.00 secures a Paper Cover, or a \$6.00 order the Cloth Bound volume. Providing Customers Request it at the time of Ordering.

NEW GOLDEN ROSE (Rose Ribbed Golden Self-Blanching)—A distinct improvement on existing sorts. It is a sport from the Golden Self-Blanching, having the same rich golden-yellow color, in the main, greatly enhanced in beauty by the delicate rosy hue of the ribs. On account of this combination of color, it is called by some "Rose Ribbed Golden Self-Blanching." A strong and healthy grower, and its self-blanching character well fixed. The plant is dwarf and heavy, the stalks smooth, free from ridges, solid and crisp. Very early, on account of its self-blanching habit; a good keeper. EXQUISITE FLAVOR. BLANCHES NATURALLY. UNEQUALLED IN BEAUTY. Pkt., 10c.; oz., 50c.; $\frac{1}{2}$ lb., \$1.50.

Kalamazoo—The most perfect type of Dwarf Celery known. It is distinct, and of a beautiful cream-white color; attains large size; of quick growth; stiff, close habit, outer ribs standing straight and perfect; solid, crisp-eating and delicious. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.; $\frac{1}{2}$ lb., 50c.; lb., \$1.50.

Boston Market—Vigorous grower; very branching; excellent keeper; remarkably tender, crisp and solid. Best variety for light soils; late keeper. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.; $\frac{1}{2}$ lb., 40c.; lb., \$1.40.

GIANT White Solid—Large size, tall and of stiff growth; white and crisp. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.; $\frac{1}{2}$ lb., 40c.; lb., \$1.40.

Dwarf White Solid—Dwarf, white, of stiff, close habit; solid, crisp and juicy. Keeps in good order late in the season. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.; $\frac{1}{2}$ lb., 40c.; lb., \$1.50.

Flavoring Celery (Old Seed)—Used for flavoring soups, pickles, etc. Postpaid—Oz., 5c.; $\frac{1}{2}$ lb., 15c.; lb., 35c. By Express (at buyer's expense)—Lb., 30c.; 4 lbs., \$1.00.

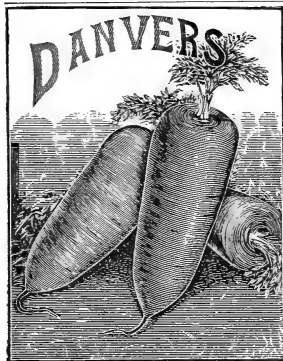
Celery Plants Ready about June 1st. Apply for our Vegetable Plant List, which is mailed free as soon as issued in mid-summer. Write us for prices, whether you want 100 or 100,000 plants.

CELERIAC—Turnip-Rooted Celery.

Sow seed same way Celery seed is sown. Transplant in rows 2 feet apart and 9 inches in the row. Thorough cultivation is necessary to secure good roots. The roots may be cooked or used as a salad.

Apple-Shaped—An early, smooth variety. Roots shaped like an apple; good flavor. Pkt., 5c.; oz., 15c.; $\frac{1}{2}$ lb., 40c.; lb., \$1.25.

Giant Smooth Prague—A very large and smooth variety, free from side roots. A desirable sort for market, and an excellent keeper. Pkt., 5c.; oz., 15c.; $\frac{1}{2}$ lb., 40c.; lb., \$1.50.



Carrot.

French—Carotte. German—Mochren.
Spanish—Zanahoria.

THE CARROT, like other root crops, flourishes best in a well enriched sandy soil, deeply tilled, and if plowed the fall before all the better. Sow in early spring in drills 15 to 18 inches apart, finally thinning plants to about 3 or 4 inches apart in the drill; keep clean by frequent hoeing and weeding. If neglected the young plants are easily smothered, and your crop is lost. The seed is slow to germinate, and if sown early or on moist soil half an inch is deep enough to cover the seed. One ounce sows 150 feet of drill. 4 pounds sows an acre.

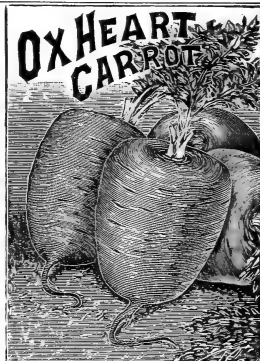
CHANTENAY—One of the best for home or market garden. Deep red flesh, fine grained and sugary make it an excellent sort for table use; stump-rooted; always smooth, very early and productive. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 55c.

Early Scarlet Short Horn—Stump-rooted; popular for forcing and early outside sowing. Flesh deep orange, fine grained; agreeable flavor; small top. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Danvers—One of the most productive and best for field culture—Tops medium; roots dark orange colored, large, of medium length, tapering abruptly at the point; very uniform and handsome; flesh deep orange; sweet and tender. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Intermediate Red—Excellent new English sort. Smooth, and nearly the Danvers in size. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 55c.

Nantes' Early Half-Long Scarlet—Stump-rooted. Sweet, fine flavored; almost without a core; very fine grained; excellent for home garden or market. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 55c.



Oxheart, or Gueraude—Intermediate length; fully 3 to 5 inches in diameter; quality extra good. Other sorts require digging. Oxheart can be easily pulled. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Improved Long Orange—A standard late variety, handsome and uniform in shape; deep orange color; good flavor; yields heavily. Requires deep soil; plants should stand 8 inches apart in 18 inch drills for roots to attain full size. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

BELGIAN CARROTS.

The great stock food of Europe. Enormously productive; nutritious and splendid keepers. **Large Orange Belgian**—Long **White Green Top**—Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 40c.



OUR QUART AND PINT
PRICES INCLUDE
POSTAGE.

If to go by Express,
at buyer's expense,
deduct 15c. from the
quart, or 3c. from the
pint prices below.

HALF-PINTS mailed,
postpaid, 10 cents.

Sweet Corn.

OHIO GROWN SEED SWEET CORN is Unexcelled by either Eastern or Western Grown Stocks.

The Sweet, or Sugar Corn, varieties being liable to rot in cold or wet ground, should not be planted until May, or when the ground has become warm, and for a succession plant every ten days or two weeks until the last week of July, in hills 2x3 feet for the early kinds, and 3x3 feet for the large late kinds. Some plant in drills $3\frac{1}{2}$ feet apart and 8 inches in the row. Give frequent and thorough cultivation. One quart plants 200 to 300 hills. 8 or 10 quarts for an acre.

EXTRA EARLY VERMONT—Of superior quality, handsome ears, white cob and kernel. One of the best we have ever grown. Pkt. 5c; pint, 20c; qt. 35c; peck, 80c; bus., \$3.00.

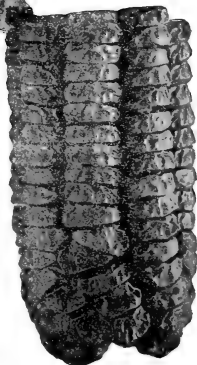
Extra Early Cory—One of the earliest varieties known. Has a large ear, considering size of stalk, small cob well filled with handsome grains. Pkt. 5c; pint, 20c; qt. 35c; peck, 90c; bus. \$3.25.

White Cory—Identical with Extra Early Cory except in color, kernels and cob being white. Pkt. 5c; pint, 20c; qt. 35c; peck, 90c; bus. \$3.25.

HANCE'S EARLY—INTRODUCED BY US IN 1895. It has handsome, long, shapely ears, a small cob well filled with broad white showy kernels. The habit of growth is strong, but not tall. It comes into the market closely after the first early kinds. Pkt. 5c; pint, 20c; qt. 35c; peck, 75c; bus. \$2.75.

First-of-All—A selection from the Cory; of good quality; tender and sweet. Pkt. 5c; pint, 20c; qt. 35c; peck, 90c; bus. \$3.25.

Early Minnesota—One of the earliest; esteemed for its excellent qualities. Pkt. 5c; pint, 20c; qt. 35c; peck, 75c; bus. \$2.75.



HANCE'S EARLY.

NEW COLUMBUS MARKET AND OTHER SUGAR CORNS OF RECENT INTRODUCTION. SEE NOVELTY PAGES.

LIVINGSTON'S EVERGREEN SUGAR CORN (Red Cob)—This variety we introduced OVER THIRTY YEARS AGO and it is now a general favorite with marketmen throughout the United States. It is a first-class second early corn, and can be planted hereabouts as late as the first week in July. It is very productive; has large, well filled ears, with broad kernels and very small cob, filled well over the tip; very sweet (none sweeter). Outsells in this market every other variety. A good cropper, grows only 6 or 7 feet high, and maturing early, it makes a very profitable food crop for hogs, milch cows and other stock when early feeding is desired and at a time when other feed is short. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, 75c.; bus., \$2.75; 2 bus. for \$5.00.

LIVINGSTON'S EVERGREEN SUGAR CORN (White Cob)—We worked industriously fifteen seasons to produce this corn and we take great pleasure in introducing it. To make a long story short, it is simply our old Livingston's Evergreen with a white cob instead of a red one. This removes the only objection ever urged against our old standby. The new White Cob strain lacks not one of the good qualities of the older sort from which it sprung, and we believe it will be endorsed by every Corn Grower, whether for home use or sale in market. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, 75c.; bus., \$2.75; 2 bus. for \$5.00.

LIVINGSTON'S GOLD COIN—This grand, new and DECIDEDLY DISTINCT Sweet Corn, which we introduced in 1890, is no old variety under a new name. It has been universally pronounced one of the best Sweet Corns in existence. We have never seen a corn that will approach it in evergreen properties. Its yield is enormous, almost invariably yielding two, and very frequently three, mammoth ears to the stalk. The cob is very white, completely covered with large, very deep, handsome and toothsome kernels, which, as they grow too hard to eat, take on gradually a BEAUTIFUL RICH YELLOW COLOR. Besides being a good table corn, it is profitable to grow for feeding stock. Pkt., 5c.; pint, 20c.; qt., 40c.; peck, \$1.00; bus., \$3.50.

LIVINGSTON'S SILVER COIN—The Canner's Favorite—First introduced by us in 1894, and all who have grown it since verify every claim made for it. It certainly excels in two very important points, **productiveness and quality**. It has a larger and more uniform ear than the well-known Stowell's Evergreen, is fully as early and much more productive. It is strictly an evergreen sort; in remaining long in edible condition it ranks with our celebrated Gold Coin, which is admitted to be the most "everlastingly evergreen" of all Sweet Corns. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, \$1.00; bus., \$3.50; 2 bus. for \$6.50.

COUNTRY GENTLEMAN—Similar in type to NE PLUS ULTRA, OR SHOE PEG. By careful selection a variety has been obtained which produces ears of about double the size, and of the same delicious quality, as the original. The ears are produced in great abundance. The cob is very small, giving great depth to the kernels, which are pure white. But the great merit of the Country Gentlemen is its delicious quality. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, 90c.; bus., \$3.25.

Extra Early Adams—Hardest and earliest Corn known. It is not a Sugar Corn, but on account of its being largely sold for table use we class it among the Sugar Corns. Ear short; grain white. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, \$1.00; bus., \$3.50.

Early Adams—Similar to Extra Early Adams; larger, but not so early. Often used for the table, particularly in the Southern States. Also a splendid corn to grow for early feeding purposes. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, 90c.; bus., \$3.00.

BURLINGTON HYBRID—Is not a pure Sweet Corn, but its quality is better than the Adams Corn, and its size and appearance ahead of any Sweet Corn of its season. It combines extra earliness with good quality. Its productiveness far surpasses Early Adams, producing ears double the size and and nearly double the number. Has a SWEET CORN HUSK, while the Adams husk resembles field corn. No progressive gardener should fail to grow this corn largely. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, 60c.; bus., \$2.00.

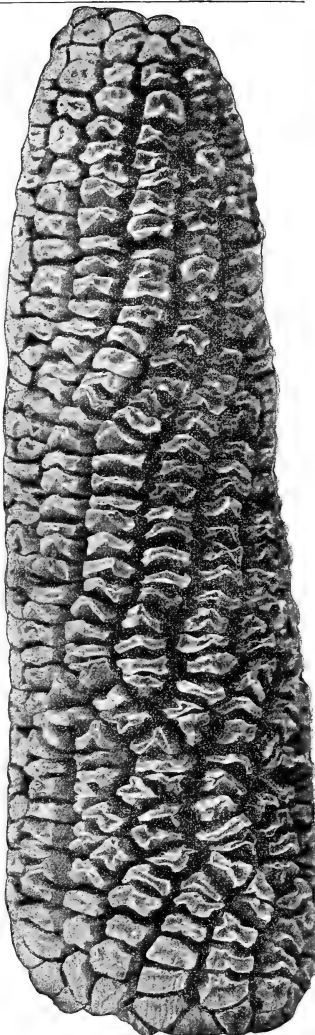
Shaker's Early—A splendid market sort, ready very soon after Early Minnesota, but the ears are much larger; the kernels are large, white, and of delicious flavor. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, 80c.; bus., \$3.00.

Fee-and-Kay—Only a few days behind the earliest. Has an ear about the size of Evergreen; kernels large, white and sweet; ears 10 to 12 rowed; stalks strong, prolific. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, 80c.; bus., \$3.00.

Mammoth Sugar—Produces larger ears than any other Sweet Corn. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, 80c.; bus., \$3.00.

STOWELL'S EVERGREEN—A favorite with canners and market gardeners for late use. Ears large, kernels very deep, tender and sugary; very productive. Remains a long time fit for table use. Pkt., 5c.; pint, 20c.; qt., 30c.; peck, 80c.; bus., \$3.00.

Egyptian Sweet—One of the best late varieties, and very handsome. Ears large, none more uniform, and excels all in filling out perfectly at the tip end; cob and grain white; very productive. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, 80c.; bus., \$3.00.



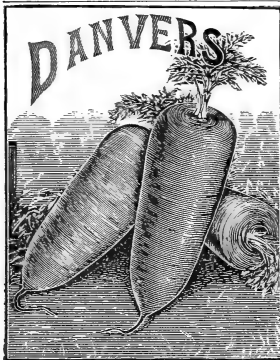
LIVINGSTON'S
SILVER COIN SWEET CORN.

SWEET CORN FOR FODDER.

There is nothing better for green feed, or for curing for winter, than Sweet Corn. Cattle highly relish it, and when fed on it keep in fine condition and give an abundance of milk. It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves, and consequently none is wasted. Excellent for silage. Sow thickly in drills, or broadcast, at the rate of 2 or 3 bushels per acre. Peck 50c.; $\frac{1}{2}$ bus. 75c.; bus. \$1.50; bag, of 2 $\frac{1}{2}$ bus., \$3.00; 2 bags, \$5.50; 4 bags, \$10.00. NO CHARGE FOR BAGS

FIELD AND POP CORN—See Farm Seed Department.

SPECIAL PRICES BY LETTER
FOR LARGER
QUANTITIES SWEET CORN.

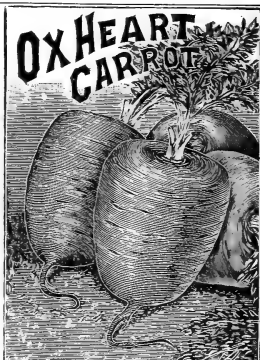


Carrot.

French—*Carotte*. German—*Mochren*.
Spanish—*Zanahoria*.

THE CARROT, like other root crops, flourishes best in a well enriched sandy soil, deeply tilled, and if plowed the fall before all the better. Sow in early spring in drills 15 to 18 inches apart, finally thinning plants to about 3 or 4 inches apart in the drill; keep clean by frequent hoeing and weeding. If neglected the young plants are easily smothered, and your crop is lost. The seed is slow to germinate, and if sown early or on moist soil half an inch is deep enough to cover the seed. One ounce sows 150 feet of drill. 4 pounds sows an acre.

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German—*Wälschkorn*
Spanish—*Maiz*.

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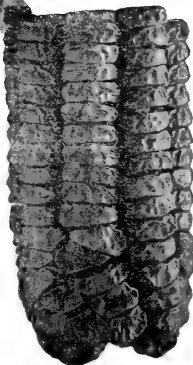
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Extra Early Adams—Hardest and earliest Corn known. It is not a Sugar Corn, but on account of its being largely sold for table use we class it among the Sugar Corns. Ear short; grain white. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, \$1.00; bus., \$3.50.

Early Adams—Similar to Extra Early Adams; larger, but not so early. Often used for the table, particularly in the Southern States. Also a splendid corn to grow for early feeding purposes. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, 90c.; bus., \$3.00.

BURLINGTON HYBRID—Is not a pure Sweet Corn, but its quality is better than the Adams Corns, and its size and appearance ahead of any Sweet Corn of its season. It combines extra earliness with good quality. Its productiveness far surpasses Early Adams, producing ears double the size and nearly double the number. Has a SWEET CORN HUSK, while the Adams husk resembles field corn. No progressive gardener should fail to grow this corn largely. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, 60c.; bus., \$2.00.

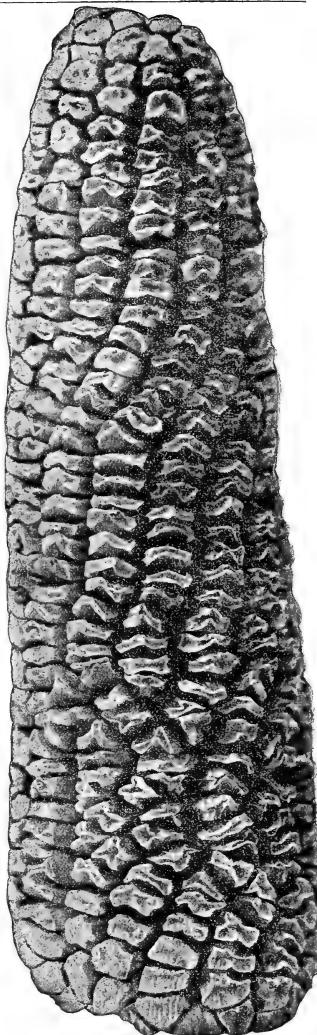
Shaker's Early—A splendid market sort, ready very soon after Early Minnesota, but the ears are much larger; the kernels are large, white, and of delicious flavor. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, 80c.; bus., \$3.00.

Pee-and-Kay—Only a few days behind the earliest. Has an ear about the size of Evergreen; kernels large, white and sweet; ears 10 to 12 rowed; stalks strong, prolific. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, 80c.; bus., \$3.00.

Mammoth Sugar—Produces larger ears than any other Sweet Corn. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, 80c.; bus., \$3.00.

STOWELL'S EVERGREEN—A favorite with canners and market gardeners for late use. Ears large, kernels very deep, tender and sugary; very productive. Remains a long time fit for table use. Pkt., 5c.; pint, 20c.; qt., 30c.; peck, 80c.; bus., \$3.00.

Egyptian Sweet—One of the best late varieties, and very handsome. Ears large, none more uniform, and excels all in filling out perfectly at the tip end; cob and grain white; very productive. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, 80c.; bus., \$3.00.



LIVINGSTON'S
SILVER COIN SWEET CORN.

SWEET CORN FOR FODDER.

There is nothing better for green feed, or for curing for winter, than Sweet Corn. Cattle highly relish it, and when fed on it keep in fine condition and give an abundance of milk. It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves, and consequently none is wasted. Excellent for soiling, s-w thickly in drills, or broadcast, at the rate of 2 or 3 bushels per acre. Pck, 50c.; 1/2 bus., 75c.; bus., \$1.50; bag, of 2 1/2 bus., \$3.00; 2 bags, \$5.50; 4 bags, \$10.00. NO CHARGE FOR BAGS

FIELD AND POP CORN—See Farm Seed Department.

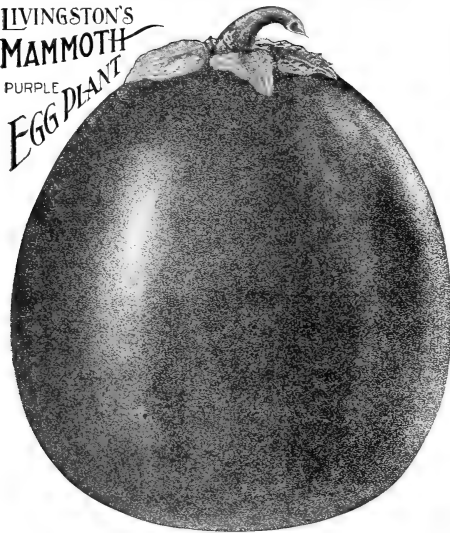
SPECIAL PRICES BY LETTER
FOR LARGER
QUANTITIES SWEET CORN.

Egg Plant.

French—*Aubergine*. German—*Eierpfanze*. Spanish—*Beruegena*.

The Egg Plant should be more generally grown, for when well grown and properly cooked it is a most delicious vegetable. The seeds germinate slowly and should be started in flats or boxes in a strong, uniform heat, and kept constantly growing, because the young plants seldom recover if checked in their growth. Sow the seed in hot-beds

LIVINGSTON'S
MAMMOTH
PURPLE
EGG PLANT



or warm greenhouse in March or early April; if no hot-bed is at hand they may be grown in any light room where the temperature will average 75 degrees. When the plants are two inches high, or have formed two rough leaves, transplant them in beds three or four inches apart, or what is better, prick off into two-inch pots, and later shift to four-inch size and plunge them. Keep the bed closed and very warm, shading from the direct rays of the sun, and giving abundance of water until the ground is warm and all danger from frost and cold nights is past then harden the plants by gradual exposure to the sun and air, and increase the supply of water; transplant to the open ground in May or June into warm rich soil, from two to three feet apart each way, according to the richness of the soil. When about a foot high draw the earth up to the stems. They thrive in any good garden soil, but repay liberal treatment. Care should be used in cutting the fruit so as not to disturb the roots of the plants.

LIVINGSTON'S MAMMOTH PURPLE. (SPINELESS. NORTHERN GROWN.)

This splendid variety we obtained by very careful selection and extra cultivation, beginning with a true strain of New York Improved Large Purple. The process of improvement was carried on for years, until we now have the finest strain of Mammoth Egg Plant of which we have any knowledge. While immense size was one of the main objects kept in view we did not lose sight of other valuable points essential in a first-class market variety. It is quite early for such a large sort and is a sure cropper. The plants are large, vigorous and productive. Fruit very uniform in color and shape; very large, usually seven to nine inches in diameter, but sometimes specimens are grown that measure ten inches. Skin a very handsome dark purple, smooth and glossy. Flesh white, of superb quality. We pronounce it the best Egg Plant in cultivation—no exception. It is very important that growers have the best seed and variety obtainable, for if poorly grown, irregular in shape, or green in color, they are quite unsalable, and your time and money are wasted. Selected Seed, postpaid—Pkt., 10c.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.75.

New York Improved Large Purple—The leading variety known by marketmen everywhere; fruit large, smooth, deep purple; flesh white, good quality. The stock we offer is fine New Jersey grown. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 55c.; lb., \$3.00.

Early Long Purple—Hardier and earlier than New York Purple, succeeding further north. Fruit six to nine inches long. Dark purple, good quality. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

Black Pekin—The fruit is very dark purple, almost black, nearly round, large size, smooth and glossy; flesh white, fine grained, delicate flavor; matures early. Pkt., 10c.; oz., 30c.; ¼ lb., 90c.; lb., \$3.00.

New Pearl White. The plant is a large, vigorous grower, and comparatively free from thorns. Fruit pure creamy white, with slight shading of a very light green near the stem; beautiful in shape, resembling somewhat the purple variety. In eating quality it is very delicious, fine grain and well flavored. Pkt., 10c.; ½ oz., 25c.; oz., 40c.; ¼ lb., \$1.50.

ENDIVE

Its leaves make a splendid salad when properly blanched, and one that is very useful, as it comes in after lettuce is gone. It may be grown at any season, but is usually grown for use late in the fall. For an early crop

sow in April, in drills fifteen inches apart, and later thin to twelve inches in the rows. It can also be sown in beds and transplanted to the above distance after attaining sufficient size. The main sowings are made in June and July. Ordinary good soil and cultivation are all it requires. When nearly full grown it is blanched in the following manner: Gather up the leaves and tie them up by their tips in a conical form, thereby excluding the light and air from their inner leaves, which then blanch to a beautiful, blanching fastest in warm weather. Another method is to lay clean boards right over the plants, which exclude the light and air. Tie up at different times as it only keeps a short time after blanching. For winter use take up with earth and store in frames or a dry cellar. One ounce sows 100 feet of drill.

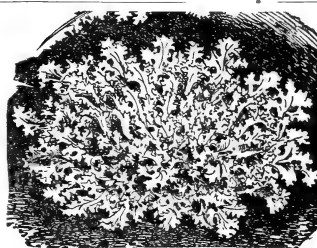
Ever White Curled—By far the most beautiful variety. Plants moderately dense; leaves coarser than those of the Green Curled, but the mid-rib is yellow and the leaves frequently almost white, so that the plants are very attractive and always bring highest prices on the market. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.35.

Early Green Curled—Leaves dark green, broad and curly; tender and crisp in quality; somewhat earlier and harder than other varieties. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

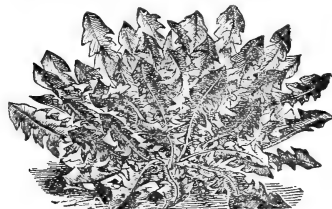
Moss Curled—A beautiful curled variety somewhat resembling moss; dark green in color; quality fine. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

Broad Leaved Batavian—Has broad, thick, slightly wrinkled leaves forming a large head which is preferred for stews and soups, but if the leaves are gathered and tied at the top the whole plant will blanch nicely and make an excellent salad. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.25.

Large Green Curled—(MAMMOTH)—Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$1.75.



EVER WHITE CURLED ENDIVE.



LARGE-LEAF DANDELION.

DANDELION.

Dandelion resembles the Endive, and is extensively cultivated for early greens; blanched, it makes a good salad. It is quite a profitable crop to grow under greenhouse benches. The roots, when dried and roasted, are often used as a substitute for coffee. Seed should be sown in May or June on warm, rich soil, in drills half an inch deep, and eighteen inches apart. Plants ready for use the following spring. When grown for the roots only, sow in September, and cultivate well for one year, when the roots are ready for digging.

Large Leaved—Leaves fully double the size of the common Dandelion. A great advance over the old variety. Pkt., 10c.; oz., 50c.; ¼ lb., \$1.50; lb., \$5.00.

Gourds.

The Gourd is a tender annual and should not be planted until fall danger from frost is over, and not less than six feet apart each way, in good rich loam. The following varieties will be found useful for household purposes, besides being very ornamental and serviceable as climbers.

For Ornamental Gourds, see Flower Seed List.

HERCULES CLUB GOURD.

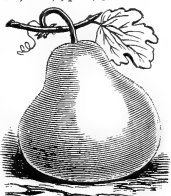
Hercules Club Gourd—Grows four to eight feet long. Pkt., 5c.
Nest Egg Gourd—(Japanese Nest Egg)—These resemble a hen's egg in color, shape and size. They do not crack, are not injured by cold or wet, and make the best nest eggs. As the plant is a rapid growing climber, it is very useful in covering screens, etc., being quite ornamental. We have a very pure stock of this variety to offer this season, and can recommend it. Pkt., 5c.; oz., 30c.; ¼ lb., \$1.00.

Sugar Trough, or Sap Bucket—Selected Stock—Grows to a very large size; holds from four to ten gallons each, having hard, thick shells, which are very strong, but light and durable, lasting for many years. They are used for a great variety of purposes, such as buckets, baskets, soap and salt dishes, nest boxes, etc., and have been used for packing birds. They are as easily grown as pumpkins. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.

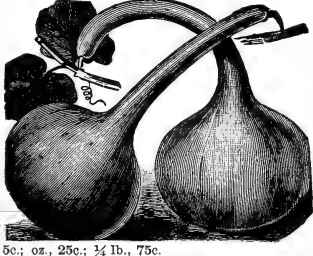
Bath Sponge, Dish Cloth, or Japanese Luffa Gourd—A natural dish cloth, and a most admirable one, is furnished by the peculiar lining of this fruit, which is sponge-like, porous, very tough, elastic and durable. Many ladies prefer this dish cloth to any other. The fruit grows about two feet in length, and the vine is very ornamental, producing clusters of large yellow blossoms, in pleasing contrast with the silvery-studded, dark green foliage. In the North this variety should be started very early in hot-beds or otherwise. Pkt., 5c.; oz., 40c.

Dipper Gourd

Can be used for dippers, the handles being from 9 to 12 inches long, and they hold from a pint to 2 quarts. When grown on the ground the handles will be curved as in the engraving, while if grown on a stake or trellis their weight will cause them to grow straight. Very convenient for hot liquids, as the handle does not heat through readily. They are easily prepared and last for years. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.



SUGAR-TROUGH GOURD.



We sell one packet each of the above Gourds for only 20 cents, prepaid.

GARLIC. German—*Knoblauch*. Prepare the ground as for onions; plant the bulbs in early spring, in drills twelve inches apart, four inches in the row, and cover two inches deep. Esteemed by many for flavoring soups and stews. **Bulbs** (postpaid), oz., 5c.; ¼ lb., 15c.; lb., 30c. By express (not paid), lb., 20c.; 3 lbs., 50c.; 10 lbs., \$1.40.

GHERKINS. Jerusalem Pickle. Very small, oval, prickly variety, quite distinct from all others. It is grown exclusively for pickling; it is the smallest of all the varieties of Cucumber, and should always be picked when young and tender. The seed is quite slow to germinate, requiring sometimes ten to twelve days. Pkt., 5c. oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

HERBS. Herbs in general delight in a rich, mellow soil. Sow apart; when up a few inches thin out to proper distance or transplant. Care should be taken to harvest them properly. Do this on a dry day, just before they come into full blossom; dry quickly in the shade, pack close in bottles or dry boxes to exclude the air entirely. Varieties with aromatic perennials:

	Pkt.	oz.		Pkt.	oz.
•Ainise.....	5	10	•Lavender.....	5	15
•Balm.....	5	25	•Pennyroyal.....	10	10
•Bene.....	5	15	•Pot Marigold.....	5	30
•Bohnen Kraut.....	5	15	•Rosemary.....	5	15
•Borage.....	5	15	•Rue.....	5	15
•Caraway.....	5	10	•Saffron.....	5	10
•Catnip or Catmint.....	5	35	•Sage-lb. \$1 75; 4 ozs. 50c.	5	15
•Coriander.....	5	10	•Summer Savory.....	5	10
•Fennel.....	5	10	•Sweet Basil.....	5	15
•Fenugreek.....	5	5	•Sweet Marjoram.....	5	15
•Fennel.....	5	10	•Tarragon.....	10	10
•Henbane.....	5	20	•Thyme.....	5	20
•Horehound.....	5	25	•Winter Savory.....	5	20
•Hyssop.....	5	25	•Wormwood.....	5	15



THE NEST EGG GOURD

HORSE RADISH.

The best Horse Radish is produced from small pieces of roots four or five inches in length. These small roots will produce good Radish fit for use in one season's growth. Plant the set small end down, where the slanting cut is, so that the top will be two inches under the soil. The soil should be very rich and well cultivated. It is hardy and may be left in the ground until spring before digging. A part of the crop may be pitted late in the fall if desired. A dozen roots will give all that will be needed for family use; as it constantly increases, it is best to plant it in some out-of-the-way corner of the garden. A very profitable crop for market gardeners to grow. By mail (postpaid), 5 cents each; dozen, 25c.; 50 for 60c.; 100 for 90c. By express (not paid), 100 for 75c.; 300 for \$2.00; 500 for \$3.00.

Prices for 1,000 and upwards given on application.



KALE. German—Blatter Kohl. French—Chou Vert. Spanish—Berton.

Borecole, Kale, or German Greens, are general terms applied to those classes of cabbage which do not form heads, but furnish an abundance of pretty curled leaves that are very ornamental and highly prized as food. Some of the varieties are the most tender and delicate of the cabbage family, and would be much more extensively grown if their excellent qualities were generally known. Can be grown in almost any soil, but the richer it is the better the product. Sow from the middle of April to the beginning of May like cabbage; transplanted and cultivated the same as cabbage. They are more hardy than cabbage, and will endure considerable frost without injury.



DWARF GERMAN CURLED KALE.

Dwarf Green Scotch Curled—Is very dwarf and spreading. The leaves are beautifully curled and of a bright green.

Hardy; will remain over winter in any place where the temperature does not fall below zero. A decided improvement upon the old tall Scotch. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

Half Dwarf Moss Curled—A particularly fine variety possessing all the merits of both the tall and dwarf kinds; of compact, bushy growth; the foliage is light green and toward the center yellowish green. The edges of the leaves are so beautifully crimped that it resembles fine curled Parsley, and can be used for garnishing. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Siberian Kale, German Greens, or "Sprouts"—extensively grown as winter greens; sow in September in rows one foot apart, and treat in every way as Spinach; it is very hardy and is ready for use in early spring. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

German Dwarf Purple—A dwarf, compact plant composed of a mass of large, finely frilled leaves of a deep purple color. Tender and of excellent quality. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.20.

SPECIAL PRICES MADE FOR ANY LARGE QUANTITY.

KOHL RABI. Turnip Rooted Cabbage.

German—*Kohlrabi*. French—*Chou Rabe*. Spanish—*Calde Nabo*.

When young and tender they are fine for table use; when matured they keep well and are excellent for feeding stock. For early use sow in hot-bed, transplant and cultivate like early cabbage. For winter use sow the middle of June or first of July, in rows 18 inches apart, transplanting or thinning out to 8 inches in the row.

Earliest White Vienna—Smooth, short leaf, excellent for forcing, and of fine quality. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$1.75.

Early Purple Vienna—Pkt., 6c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.10.



KOHL RABI.

LETTUCE

German—*Lattich Salat.*

French—*Laitue.*

The most used of all salads, is of easy culture, requires rich, moist soil, and clean cultivation, on which depends its appearance, tenderness and flavor. For early spring use, sow in a seed bed in September or October, and protect through the winter in cold frames, or in the South with leaves or litter, or sow in a hot-bed in early spring; as soon as the ground can be well worked transplant in good rich ground to rows 18 inches apart and 8 inches in the rows. For a later supply plant every two weeks from the middle of April until July, choosing varieties according to their heat resistance. Sow in drills $\frac{1}{4}$ -inch deep, 18 inches apart, and thin to 12 inches apart in the rows.

One ounce of seed makes 2,500 plants.

Our Improved Hanson—None more reliable for outdoor cultivation. In ground well manured and cultivated the heads grow to a remarkable size, resembling that of a flat cabbage, and so slow to run to seed that it often fails to form a seed stalk. The outer leaves are bright green, the inner leaves white and deliciously sweet, tender and crisp, and free from any unpleasant bitter taste. The stock we offer is the same as that sold by us for many years, and from the fact that we never get any complaints from it we therefore judge it is unsurpassed and gives entire satisfaction. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Early White Cabbage—This OLD RELIABLE variety is very tender, has large, solid, greenish-white heads, and stands the heat extremely well. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Black-Seeded Butter—An out-door variety. Excellent in flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Golden Yellow Stonehead—A variety of great beauty. Solid heads. Good for forcing or earliest spring crop. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Tennis Ball—Close, hard, well formed heads. Leaves green, thick, crisp and tender. One of the earliest, extremely hardy, and well adapted both for forcing and outdoor culture. **Either White or Black Seed**, each, Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Mammoth Marblehead—The largest header of any. As large as a good cabbage. Tender and free from any bitterness. Second early. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40.

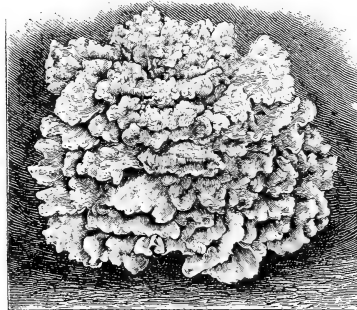
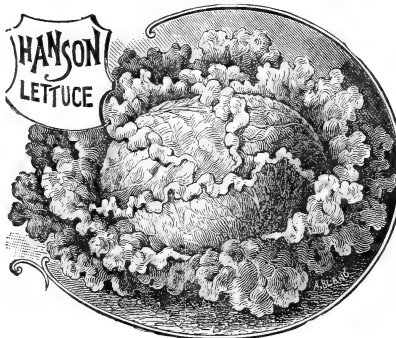
GRAND RAPIDS—While this variety is ESPECIALLY ADAPTED FOR GREENHOUSE CULTURE in winter; it is also a GOOD LETTUCE to sow outside early FOR FAMILY USE. It is the result of fifteen years' selection from the Black-Seeded Simpson, which is generally recognized as the standard for forcing for the home market. It is superior to and more beautiful in appearance than the Simpson. It is of rapid, upright growth; may be planted close; not liable to rot, standing several days after being ready to cut without injury; retains its freshness a long time after being cut, hence much sought after by dealers, especially shippers; its quality is very desirable. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Tilton's White Star—A favorite with gardeners for forcing or outdoor planting; bright color, crisp, long keeper. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

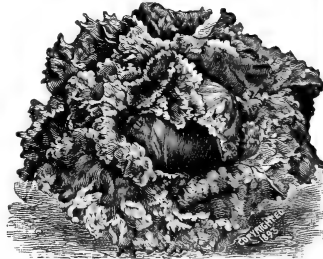
Buttercup—Plant very distinct and attractive; leaves a beautiful yellow color; very sweet and tender. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

NEW CELERY LETTUCE (TRIANON)—The favorite class of Lettuce in Europe are the Cos or blanching varieties, and this variety is the finest of its class. The Cos varieties are becoming more popular in this country every year. The long, narrow leaves, which form solid heads, almost like a Wakefield Cabbage, bleach and quickly become snowy white. Excels all others in quality; crispness unequalled. The leaves, when blanched are stiff like celery, and can be eaten in same manner. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

ICEBERG—A BEAUTIFUL LETTUCE WORTHY OF UNIVERSAL CULTIVATION. THE QUALITY IS SIMPLY PERFECT. Large curly leaves of bright, light green, with a very slight reddish tinge at the edges. The unusual solidity of the heads is insured by the large, white main ribs of the leaves, each of which curve to the center, making it impossible for the leaves to open outward and expose the center which is constantly thoroughly blanched. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.



GRAND RAPIDS LETTUCE.



ICEBERG LETTUCE.

LETTUCE.

Defiance Summer (Pepiguan)—Claimed by many to be a BETTER LETTUCE THAN HANSON. It is certainly unequalled for long standing, and one of the finest large-growing cabbage varieties. It forms very large solid heads, so firm that they have to be cut open to allow the flower heads to come through when it is desired to have them go to seed. The leaves are a beautiful light green. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.25.

Black-Seeded Simpson (Curled)—A very popular sort among market gardeners everywhere. Forms a large, loose head; its nearly white, curly leaves are large, thin, exceedingly tender and of very good quality; one of the very best sorts for growing under glass, as well as for early outside planting. Fine for home market, but not so desirable for shipping as Grand Rapids. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

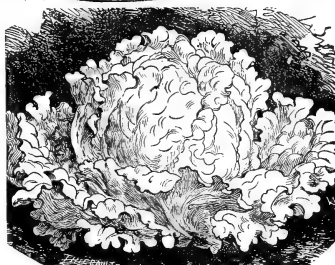
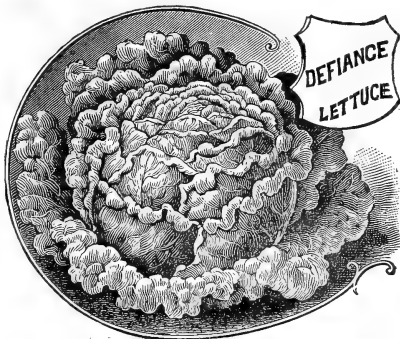
Silver Ball—One of the best ALL THE YEAR ROUND Lettuce. A variety of excellent qualities; good for early spring, summer or winter forcing; heads SILVER WHITE, compact, with beautifully curled leaves. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25c.

Big Boston—Resembles the popular Boston Market, but is nearly twice as large. A most desirable variety for forcing in cold frames, and for outdoor planting. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Blonde Beauty (Sunset)—A new Summer Lettuce of bright golden tinge and attractive form. Resists heat; is tender, crisp, sweet and juicy when many sorts have become tough and bitter. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

New Morse—Type of Black-Seeded Simpson. Leaves closely gathered, but no heads. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Early Curled Simpson—Does not head, but forms a compact mass of curly leaves of a yellowish-green. It matures earlier than the firm head sorts, hence is very generally grown in cold frames as an early outside crop. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.



BLONDE BEAUTY LETTUCE.



PHILADELPHIA BUTTER LETTUCE.

CALIFORNIA CREAM BUTTER—A grand, good butter Lettuce. Heads of good size, round and solid, outside medium green, within the leaves are a rich creamy-yellow color; rich and buttery in taste. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Philadelphia Butter, or Early White Head—A lettuce having thick, smooth leaves, formed into a very solid, round head; stands a long time without running to seed. The inner leaves blanch a rich yellow; quality first-class. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.



CURLED SIMPSON LETTUCE.

We can also supply the following well-known Lettuces. PRICE OF EACH, postpaid—Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

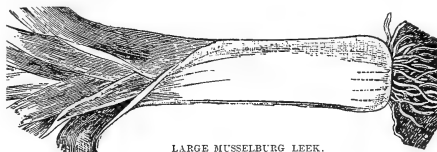
Salamander,	Curled Silesia,	Eureka Bronze,	Philadelphia Dutch Butter,	Brown Curled,
Boston Market,	Boston Curled,	Ferry's Prize Head,	Tomhannock,	Denver Market,
	Yellow Seeded Butter,	Oak Leaf,	Chartier,	Speckled,
				Perpetual.

LEEK.

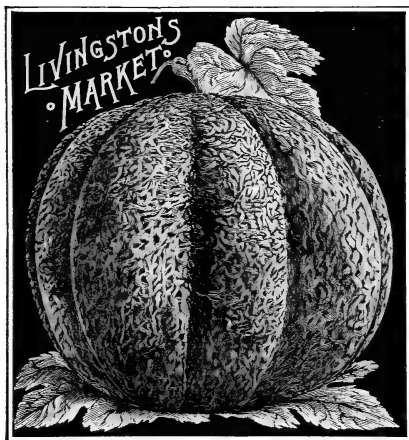
Leeks are especially desirable for soups, and considered by many to have a better flavor than the Onion. Can be cultivated either by sowing early in the spring in a seed bed and transplanting, or by sowing outside. If sown in a seed bed, when about 6 inches high transplant into deep, rich soil, 5 inches apart; plant deeply, close to their leaves, so that the necks may become blanched. A good watering at time of transplanting is very beneficial. If sown outside, sow early in the spring in rows about 18 inches apart; when 4 inches high thin to 4 inches apart. Transplanted plants always produce larger and earlier Leeks.

Broad Scotch, or London Flag—An old standard, hardy kind; large, strong plants; broad leaves. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Large Musselberg (Carentan, or Scotch Champion)—A favorite market sort of enormous size; large, broad leaves; flavor very mild and pleasant. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

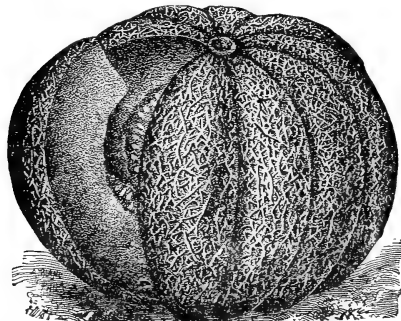


LARGE MUSSELBURG LEEK.



Livingston's Market Melon.

Many years were spent in perfecting this decidedly distinct and beautiful melon. A most valuable characteristic is its close, strong netting. Its vigorous growth gives it great hardness and ability to withstand drouth, blight and bugs. Its beautiful shape and handsome appearance are remarked upon when placed side by side on the market bench or counter with any of the popular sorts of the day. It ripens only a few days after Early Hackensack, is more prolific, more uniform, bears longer, and the fruit is more solid; seldom bursts at blossom end; flavor and quality are all that can be desired. It is green fleshed, with small seed cavity. A valuable sort for a general crop. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.; 3 lbs., \$2.40, postpaid.



EXTRA EARLY HACKENSACK MELON

EXTRA EARLY HACKENSACK MELON.

It produces melons equally as large and with all the good qualities of the well-known Hackensack, but two weeks earlier; heavily netted, and has light green flesh of delicious flavor. Its shape and solidity admit of its being packed very closely in crates for shipment, and it will keep in good condition for several days after picking. The seeds do not shake loose en route as in many other sorts. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 3 lbs., \$1.75, postpaid.

Muskmelons.

German—*Melone*. A rich, sandy soil is most desirable for melons.
 French—*Melon*. The seed should be planted when the ground has become warm, in hills 6 feet apart each way. Old well-rotted manure should be thoroughly mixed with the soil in each hill; put six to ten seeds in the hill; finally, when danger from insects is past, leave three or four of the strongest plants only. If the plants grow very rank the tips of the leading shoots should be pinched off when about three feet long.
 Spanish—*Melon*.

One ounce of seed for 60 hills; 2 or 3 pounds for an acre.

ROSE GEM MELON.

NAMED AND INTRODUCED BY US IN 1896.

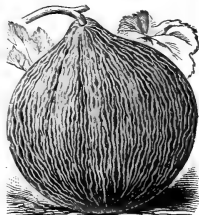


**THIS IS THE VARIETY USED BY THE ROCKY FORD GROWERS.
 IMPROVED IN SIZE AND SHAPE.**

The illustration above is an exact reproduction of a photograph of a tray of this Improved Extra Early Netted Gem Melon. The shape, it will be observed, is a little more oval than the original strain, which gives them additional strength to stand shipping. The size has also been improved without losing a day in earliness. As now improved we regard it as the very best and most profitable extra early melon in existence for market gardeners and shippers. This variety, in the hands of Rocky Ford, Colo., growers, has made that state famous in Eastern markets for melons of unequalled quality. The flesh is fine grained, "smooth as butter," and very sweet. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Winter Pineapple Melon.

Introduced into California from Cassaba, Asia Minor, by one of our customers. Its peculiar shape and corrugated skin is quite accurately shown in the cut. Rind very thin, of a rich yellow color tinged with green. Flesh firm, light green in color; delicious pineapple flavor. A wonderfully long keeper. Melons seldom ripen on the vine but should be carefully picked off after first frost and stored like squashes in a dry, cool place. Bring into a warm room for a few days previous to using. If carefully handled they may be kept late in the winter. Many specimens weigh from 15 to 16 pounds—real beauties. HEAD-QUARTERS SEED STRICTLY FIRST-CLASS. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.



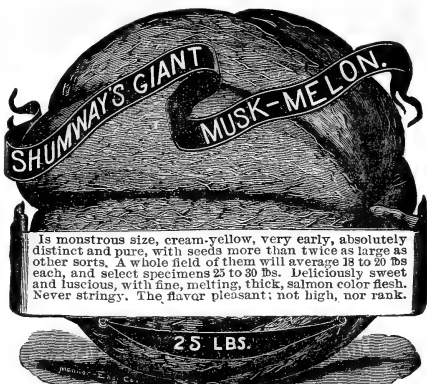
NEW TRIUMPH—This new melon is a cross between the Columbus and the Osage, combining all the good qualities of these two excellent varieties. The beautiful ORANGE FLESH is thick and luscious; ripens to the rind; medium to large size, and beautifully netted. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 25c.; lb., 75c.

Baltimore Nutmeg—Cantaloupe—Has a beautiful heavily netted green skin; good size; in shape a desirable and distinct oval, and slightly ribbed; flesh thick, green, very finely flavored, smooth and sweet; very productive, and NEVER BURSTS OPEN AT BLOSSOM END. It is so solid that it can be shipped in large sized barrels without injury. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.

THE COLUMBUS—A GREEN FLESHED melon for general crop, and is a heavy yielder. The vines are strong and thrifty; melons, if left on the vine a week after they are ready to pick, still retain their good quality. It is strikingly distinct in shape and color; is an excellent LONG KEEPER. Its beautiful buff skin is covered with a very thick whitish netting. Almost entirely free from ribs. The flesh is solid and thick, even at the blossom end, leaving only a small seed cavity; can be safely shipped long distances. Its attractive appearance insures ready sales in any market. Pkt. 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 65c.

Shumway's Giant (TRUE STOCK)—Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 30c.; lb., \$1.00.

A. W. Smith, Americus, Ga.—"Your Columbus Melon pleased me better as to flesh and flavor than any other. I recommend it for Southern growers."



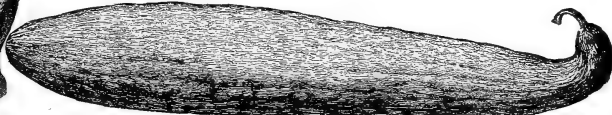
Is monstrous size, cream-yellow, very early, absolutely distinct and pure, with seeds more than twice as large as other sorts. A whole field of them will average 18 to 20 lbs each, and select specimens 25 to 30 lbs. Deliciously sweet and luscious, with fine, melting, thick, salmon color flesh. Never stringy. The flavor pleasant; not high, nor rank.



THE OSAGE MELON.

COSMOPOLITAN—The most beautiful of the green fleshed melons. A combination of the aromatic American flavor with the sweet, firm flesh of the French Cantaloupe. Fruit light green in color, but covered with dense silver-gray netting at maturity; slightly oval, nearly round, without ribs. Flesh firm, green, sweet and highly flavored. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.

THE OSAGE—A favorite yellow fleshed variety. It is large, oval, slightly ribbed and netted; SKIN VERY DARK GREEN; flesh a deep, rich salmon, sweet, highly flavored and delicious to the rind; it is very seldom that one of poor quality is found. The whole crop is very even and fruit extra heavy, owing to the thickness of the meat. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.



THE BANANA MELON.

LIST OF GOOD STANDARD MUSKMELONS

The following good varieties will be furnished at the uniform price of 5c. per packet, 10c. per ounce, 20c. per $\frac{1}{4}$ pound and 60c. per pound, unless otherwise noted. Deduct 10 cents per pound from these prices if seeds are ordered sent by express or freight. 15 cents per pound may be deducted for 5 pound lots:

Champion Market—Very productive; medium size; green fleshed; netted; quality good. A profitable variety to grow.

Giant Chicago Market—This fine sweet melon is very large; deep ribbed; green fleshed. Largely grown for the Chicago market.

Imported Montreal Market—The largest round green fleshed melon in the world. Quality good. Deep ribbed. Densely netted.

Perfection (Princess)—Medium size. Dark green skin heavily netted. Flesh a rich orange color; very sweet.

Six Oaks Cantaloupe—Large and extra heavy. Green fleshed. Nearly round. A new variety of real merit.

Long Island Beauty—Hackensack type. Superior flavor. Green fleshed. One of the earliest. Pkt. 5c.; oz. 10c.; $\frac{1}{2}$ lb. 25c.; lb. 75c.

Jersey Belle—An improved Jennie Lind, double in size and has all the excellent qualities of the Jennie Lind.

Extra Early Green Citron—FIRST IN MARKET. The largest of the very early Nutmegs. Quality among the best.

Early Green Fleshed Nutmeg—The old original Nutmeg, and one of the very finest quality.

Emerald Gem—Medium size. Flesh a light salmon, of most excellent quality; fine grained. Rind dark green; ribbed but not netted.

Large Green Nutmeg—Large. Round. Green fleshed. A first-class market melon of superior flavor.

Bay View—The leading oblong green fleshed melon. Prolific. Quality first-class.

Black Paris—Large—10 to 15 lbs. Flesh deep orange. RIND BLACK-GREEN. Distinct. Quality good. Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.

Hackensack (Turk's Cap)—Large size. Round. Netted. Flesh green. Delicious flavor. Beautiful in appearance.

Miller's Cream—Ranks high as a market melon, either for home or shipping. Flesh a rich salmon; very sweet and melting.

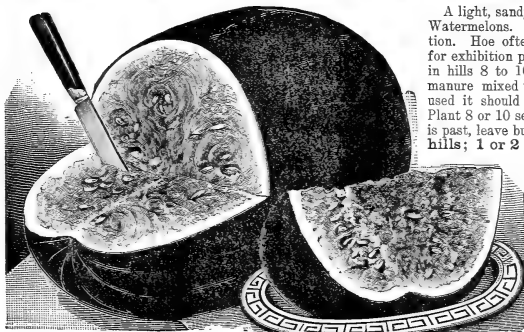
Banana Melon—From eighteen inches to two feet long. Yellow flesh, blending from bright green to rich salmon. Early. Fragrant and delicious. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 30c.; lb., 85c.

The Banquet, Improved Christiana, Delmonico, Cassaba, Jennie Lind, Surprise, White Japan, Reedland Giant, Long Yellow, Skillman's Fine Netted.

Our TIP TOP and PAUL ROSE MELONS are described in the **Novelty Pages** in front part of this Book

WATERMELON.

German—Wasser Melon
French—Melon d' Eau.
Spanish—Sandia.



LIVINGSTON'S NABOB WATERMELON

Livingston's Nabob Watermelon.

NEW. DISTINCT. BEAUTIFUL.

In 1895, after several years of careful selection we had the pleasure of naming and offering to the public this grand New Watermelon.

THE BEST FOR THE HOME GARDEN.
FOR THE MARKET GARDEN.
FOR THE SHIPPING TRADE.

Its hardy vines are vigorous, healthy and productive, its fruit large and heavy (30 to 50 lbs.) resembles the Kolb Gem in shape and uniformity, but differing in color, being attractively and peculiarly mottled, rather than distinctly striped. The rind, though thin, is very firm. Two average-sized men have stood, bearing their whole weight, on a NABOB weighing 30 lbs., without cracking the rind or injuring the melon. The fruit keeps long in good condition and is not excelled in shipping qualities; seeds dark buff or dun color; flesh deepest scarlet, firm and solid, but melting and of richest flavor. We have had it thoroughly tested on different soils, in various climates, and under unfavorable as well as favorable conditions, and all praise its good qualities. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 25c.; lb., 75c.; 3 lbs., \$2.25, postpaid. SPECIAL PRICES FOR LARGER QUANTITIES.

R. Fisher, Thompson, Texas.—"Your NABOB Melon is all you claim it to be. I planted several different kinds of melons this spring, and none did so well as the Nabob. The vines were very strong and vigorous, and the fruit was large and solid throughout. I find Nabob is the best for this rich bottom land."

HOOSIER KING—The melons grow oblong and are of an even diameter throughout their entire length. Flesh brilliant red, very solid, sweet and luscious. Skin striped light and dark green; rind very thin but EXTREMELY HARD, making it a VALUABLE SHIPPING SORT. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 50c.

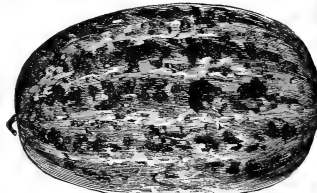
KOLB'S GEM—One of the most successful shipping melons ever introduced, standing shipment long distances without breakage. The flesh is bright red and of good flavor. It is one of the largest (30 to 50 lbs.), most productive and best keeping melons grown. OUR STOCK CANNOT BE SURPASSED. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 50c.; 3 lbs. for \$1.25, postpaid.

FLORIDA FAVORITE—A splendid oblong melon; ten days earlier than Kolb's Gem; red flesh, of the finest flavor and quality. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.; 3 lbs. for \$1.50, postpaid.

JONES' JUMBO—This variety is from Georgia, the home of the Watermelon. The color of the skin is solid dark green, and the flesh is a very bright red, particularly sweet, juicy and melting. It grows to a large size, sometimes EIGHTY POUNDS, with plenty of them at 40 to 60 pounds. One of the best shipping sorts. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.; 3 lbs. for \$1.50, postpaid.

IMPROVED DIXIE—A beautifully striped melon which few, if any, surpass for shipping or equal for the table, the flesh being very red, sweet and juicy. It is all that can be desired in quality, flavor, etc. We wish to call the shipper's attention to the fact that this melon will HOLD after it is ripe for several days and still retain its excellent qualities. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.

A light, sandy soil, with good exposure to the sun, is the best for Watermelons. It should be prepared deep, but receive shallow cultivation. Hoe often and thoroughly. If extra large melons are desired for exhibition purposes leave but one or two melons on a vine. Plant in hills 8 to 10 feet apart each way, with a shovelful of well-rotted manure mixed with the soil in each hill. If commercial fertilizer is used it should contain a large percentage of ammonia and potash. Plant 8 or 10 seeds in each hill, and, finally, when danger from insects is past, leave but three strong plants. One ounce of seed for 30 hills; 1 or 2 pounds to the acre.



PHINNEY'S EARLY WATERMELON.

PHINNEY'S EARLY WATERMELON.

Few, if any, of the early sorts of recent introduction surpass this old favorite. It is first to ripen, of good size and productive; shape, oblong; rind a distinct mottled color; the flesh is a deep red; a first-class early market melon. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 50c.

COLE'S EARLY—Very hardy, a sure cropper, and extremely delicate in texture of flesh, which is of a dark red color; rind is thin and extremely brittle, hence not desirable for shipping purposes, but possessing all the other most desirable features. We highly recommend it for home use. Medium size, nearly round; rind green, striped with lighter shades. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.

FORDHOOK EARLY—Largest early melon grown. Fruit large, round; outer color medium green. Flesh bright red, of fine quality. A splendid shipper. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 25c.; lb., 75c.

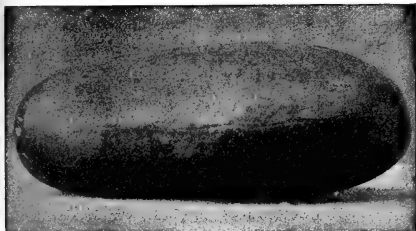
McIVER SUGAR—A large, oblong melon of handsome appearance; skin shows broad bands of white, with narrower ones of green. Its soft pink flesh is crisp, juicy, and solid to the center. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.; 3 lbs., \$1.50.

SEMINOLE—One of the best large, long Florida melons. EARLY, ENORMOUSLY PRODUCTIVE, AND OF MOST DELICIOUS FLAVOR. It is of two distinct colors—gray and light green. Melons of both colors, exactly the same in size, shape, color of seed, flavor, etc., are found on the same vine. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 50c.

Green and Gold—Golden-orange fleshed variety of good size, (25 to 30 lbs.); early; productive; rind thin, the white being only three-eighths to one-half inch thick; flesh juicy, very sweet and of delicious flavor. Its rich color makes it a desirable ornament for the table. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.

Pure Gold—A new, large, long melon; flesh solid, ruby golden-yellow, variegated with streaks and layers of bright pink; delicious flavor; melts in the mouth like cream. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.

Mammoth Ironclad—Immense size, handsomely marked, and oblong in shape; flesh red and very solid; the heart is large, and flavor delicious. A heavy yielder. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 50c.



True Ice Cream Watermelon.

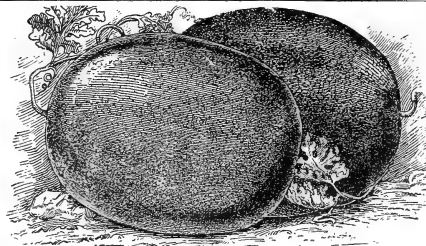
THE GREAT HOME MARKET MELON

This OLD STAND-BY is our best general cropper for the home market; it has too thin a rind for shipping unless packed in straw. We have sold it for many years to our most extensive Scioto Valley melon growers, for whom it brings the highest prices, and meets with ready sale regardless of other varieties that may be on the market, because it has become a great favorite with Columbus melon dealers and consumers. Few, if any, surpass a **True Ice Cream** for quality and productiveness. Medium early, fruit oblong, large size; rind light mottled green; flesh bright scarlet, solid to the center, melting and delicious. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.; 3 lbs. for \$2.00, postpaid.

Preserving Citron—Red seed; used for sweetmeats and preserves; flesh solid and white. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

Colorado Preserving—Larger than the Common Citron, weighing 25 to 40 lbs.; flesh very solid, and makes very clear, transparent preserves of fine flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Mountain Sweet—One of the oldest and best known; skin deep green; large; rind thin; flesh deep scarlet. Pkt. 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.



Sweet Heart Watermelon.

This new melon is early, large, handsome, heavy and productive. The shape is oval, and color mottled light to very light green. Flesh bright red, solid, but tender and very sweet. We have a very fine stock grown from selected stock seed procured from the originator, hence it is as pure and true as the original. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 55c.

Ferry's Peerless—One of the best for home gardens and market gardeners who deliver direct to customers. Medium size, flesh red; white seed; quality first-class. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

We can supply the following well-known varieties of Watermelon at the uniform price—Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

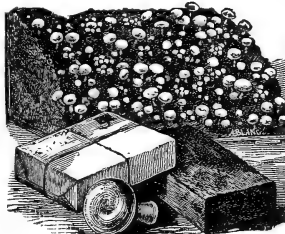
White Gem,
Stokes' Early,
Cannon Ball,
Cuban Queen,
Gray Monarch,

Red Vaucluse,
Pride of Georgia,
The Gragg,
Vick's Early,
Orange,
Georgia Rattlesnake.

Dark Icing,
The Boss,
Light Icing,
Delaware,
Christmas,
Black Spanish.

MUSHROOMS.

One of the most profitable crops for the outlay that can be grown. The market is sure, because the supply never equals the demand. Mushrooms can be grown in any dark room or cellar where the temperature can be kept at 50 to 70 degrees. From some old pasture procure good rich soil and store it away. To every bushel of this soil add two bushels of fresh horse manure. Of this well mixed compound prepare a bed, say four feet wide. Put down a thin layer and pound it down hard, and go on until you have a bed 12 or 18 inches thick. It soon becomes pretty hot, but let the heat recede until it is only 85 or 90 degrees. Then make holes, say a foot apart, and put in the spawn, two or three pieces as large as a walnut to each hole. Cover the holes and press the soil solid and smooth. Let the bed remain in this condition about 12 days; then cover the bed with two inches of fresh loam, and over this put 4 or 5 inches of hay or straw, and the work is done. If the temperature is right, in six or eight weeks you may expect Mushrooms. The beds will continue bearing from 20 to 30 days. After the first crop is gathered, spread over the bed an inch of fresh soil, moistened with warm water, and cover with hay as before. The main conditions in Mushroom growing are proper and uniform temperature and very rich soil. One pound of spawn is sufficient for a bed 2 x 6 feet. We would advise Mushroom growers, especially beginners, to get a book on the subject, written in full by an experienced grower, such as "FALCONER'S MUSHROOMS AND HOW TO GROW THEM." \$1.50, postpaid by us. We import our Spawn from the best makers in England.



English Mushroom Spawn—By mail, postpaid—Per Brick, 30c.; 5 lbs. for \$1.25. By Express, at buyer's expense, 10 lbs. for \$1.00; 25 lbs. for \$2.40; 50 lbs. at 9c. per pound; 100 lbs. or over at 8c. per pound.

French Mushroom Spawn—Put up in boxes of 2 lbs. each. Price, per box, 75c.; by mail, \$1.00; the same loose, per lb., 31c.; by mail, 45c.

MUSTARD.

German—*Senf.*
French—*Moutarde.*
Spanish—*Mastarde.*

Mustard is not only used as a condiment, but the green leaves are used as a salad or cut and boiled like Spinach. Cultivate same as Cress.

SOUTHERN GIANT CURLED—This is very highly esteemed in the South where the seed is sown in the fall and plants used very early in spring as a salad. Seed is brown; produces plants two feet high; forms enormous bunches. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

WHITE ENGLISH—The leaves are light green, mild and tender when young; seed, light yellow. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

BROWN OR BLACK MUSTARD—More pungent in flavor than the White. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

NEW CHINESE—A giant curled variety with leaves double the size of the ordinary. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

MARTYNIA.

A hardy annual plant, the seed pods of which, if picked when green and tender, make excellent pickles. Plant in May in the open ground, about three feet apart each way, leaving but one plant in the hill.

PROBOSCIDEA—Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

E. W. Bonar, Marshall Co., W. Va.—"FOR FIFTEEN YEARS we have been using Livingston's Seeds, and as yet have never drawn a blank."
John S. Lester, Woodstock, Conn.—"Your Extra Early White Spine Cucumber, Crosby's Egyptian Beet, Cincinnati Radish and Tip Top Melon cannot be beaten. I have the market entirely to myself."

ONIONS

German—Zwiebel. French—Oignon. Spanish—Cebolla.

THE SEED WE OFFER IS ALL
FRESH 1898 GROWTH.



LARGE YELLOW GLOBE.

LARGE RED GLOBE.

LARGE WHITE GLOBE.

Superior Onion Seed.

We take pride in the record of our fine strains of Onion Seed. Having grown Onions for many years, for market as well as for seed purposes, we are in position to fully appreciate the necessity their is for using great care in the selection of the bulbs for seed production. There is no crop which depends more upon the quality of the seed. The seed we offer, we are sure, is not surpassed anywhere, and is thoroughly tested for vitality before it is sent out, so that it is **sure to grow**, where soil and season are favorable, and is sure to produce an abundance of well-shaped bulbs, free from scullions or stiff necks. Our aim is to always sell at reasonable prices and as low as any in the trade OFFERING STRICTLY FIRST-CLASS SEED.

BEWARE OF AGED ONION SEED.

In consequence of the very short crop of 1898 seed, lots of OLD seed at LOW prices, which ordinarily would go the dump as worthless, will be this year offered to the public.

QUESTION—What becomes of Livingston's old Onion Seed?

ANSWER—We never have any.

All left over stocks, at the close of each selling season, are used in growing our sets.

Extra Early Flat Red—A good medium sized variety, very uniform in shape; smaller than Red Wethersfield, but two weeks earlier; an abundant producer; good keeper; very desirable for early market, and good where seasons are short, on account of its rapid growth. Pkt. 5c.; oz., 15c.; $\frac{1}{2}$ lb., 50c.; lb., \$1.50.

EARLY RED GLOBE (Danvers)—A very handsome variety. It matures very early, grows to a good medium size, and keeps well; skin deep red; flesh fine grained; flavor mild; tender. Pkt. 5c.; oz., 25c.; $\frac{1}{2}$ lb., 75c.; lb., \$2.65.

WHITE PORTUGAL, OR SILVERSKIN—Ripens early; of large size, mild in flavor, and excellent for winter use; much esteemed for pickling when small, and grows a HANDSOME BIG ONION. Pkt. 5c.; oz., 20c.; $\frac{1}{2}$ lb., 55c.; lb., \$1.90.

LARGE WHITE GLOBE—By careful selection and cultivation we have developed this handsomest of all white varieties until it is second to none as a good keeper. Yields abundantly, producing very handsome, large, pure white globe-shaped bulbs; flesh firm, fine grained, of mild flavor, and is in many respects superior to ordinary Silverskin. Pkt. 5c.; oz., 25c.; $\frac{1}{2}$ lb., 70c.; lb., \$2.65.

SELECT YELLOW DANVERS GLOBE—EXTENSIVELY GROWN AS A MAIN CROP in many sections of the country. It is a beautiful golden color; bulb of medium size, quite early, bottom nearly flat, oval top, with small neck; very prolific, and a first-class keeper and shipper. The strain we offer of this popular variety can be excelled only by our OHIO YELLOW GLOBE. Pkt. 5c.; oz., 15c.; $\frac{1}{2}$ lb., 45c.; lb., \$1.40; 4 lbs., \$5.50.

Culture.

Onion Seed should be sown as soon as possible in the spring, even if the weather is cold, so the soil works up well. This gives them a good start ahead of the weeds and before dry weather sets in. After the soil has been thoroughly pulverized, sow thinly, 4 to 5 pounds to the acre, in drills one foot apart and about $\frac{3}{4}$ of an inch deep, in strong land, well manured. When well started, say four inches high, thin out to stand three or four inches apart in the drills, keeping them well hoed and free from weeds.

Onions delight in strong, rich, deep, loamy soil, and succeed well if grown for a succession of years on the same ground. To get heavy crops of finest shape and high colored bulbs, especially Danvers and other Globes, large quantities of the best rotted manure must be used—15 to 20 cords per acre would be none too much. If well-rotted manure is not to be had use high grade commercial fertilizer containing a large percentage of potash.

Free to Customers, (10 CENTS to OTHERS.) On application we will send full and complete instructions **HOW to GROW ONIONS** both by the ordinary method as well as by the **New Transplanting System.**

LARGE YELLOW GLOBE (Southport)—Very large, fine color; keeps well. Pkt. 5c.; oz., 20c.; $\frac{1}{2}$ lb., 50c.; lb., \$1.75.

LARGE RED GLOBE (Southport)—Large and distinct in form, being nearly globular. Pkt. 5c.; oz., 25c.; $\frac{1}{2}$ lb., 75c.; lb., \$2.65.

YELLOW DANVERS FLAT—A splendid onion for either market or home use; flatter than the Globe Danvers. Pkt. 5c.; oz., 10c.; $\frac{1}{2}$ lb., 40c.; lb., \$1.25.

LARGE RED WETHERSFIELD—FOR GENERAL PURPOSES the country over, no red variety is so largely grown. Large sized, somewhat flattened; skin deep purplish red. It is one of the best keepers. We have grown it on various soils for over 35 years, and cannot recommend it too highly as a general cropper and a variety that will do well anywhere that large onions can be grown. It yields enormous crops when the conditions are favorable. Pkt. 5c.; oz., 15c.; $\frac{1}{2}$ lb., 45c.; lb., \$1.40; 4 lbs., \$5.50.

LARGE YELLOW DUTCH—The well-known flat, bright, yellow onion; a good keeper; larger than Danvers. Pkt. 5c.; oz., 15c.; $\frac{1}{2}$ lb., 50c.; lb., \$1.60.

Philadelphia Yellow Strassburg—A splendid yellow variety of fair size, and the best Yellow for growing a BRIGHT, ROUND, PLUMP SET. Pkt. 5c.; oz., 10c.; $\frac{1}{2}$ lb., 35c.; lb., \$1.25.

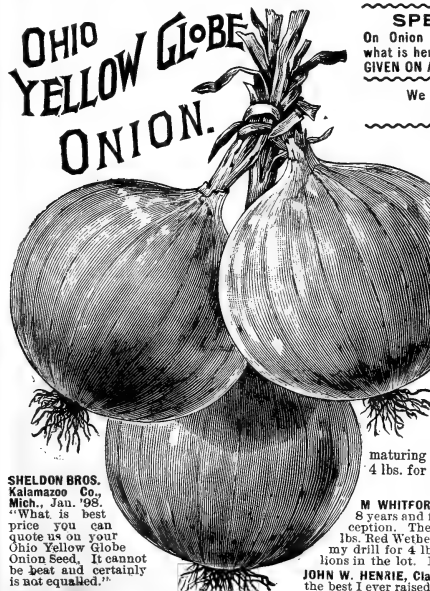
Philadelphia White Silverskin—A good sized white, and grows a MOST BEAUTIFUL, FIRM, ROUND PEARLY WHITE SET. Extensively grown. Pkt. 5c.; oz., 20c.; $\frac{1}{2}$ lb., 55c.; lb., \$1.90.

HENRY MILLER, Cayuga Co., N. Y.—"This I will say for your seeds: I never had a finer or larger crop of Onions in my life than I had last year. Seemed as though every seed came. They are rightly named TRUE BLUE SEEDS."



MAMMOTH SILVER KING—Of attractive shape, with silvery-white skin and flesh of a most agreeable mild flavor. It matures quite early and reaches a much larger size than any other of the flat white varieties, frequently measuring twenty inches in circumference, and weighing from three to five pounds when well grown. They must be sown thinly to produce large onions. We have sold this onion for ten years, and do not hesitate to recommend it as one sure to please the grower. **True American Growth Seed.** Pkt., 10c.; oz., 20c.; 2 ozs., 35c.; $\frac{1}{2}$ lb., 60c.; lb., \$2.00.

PRIZE-TAKER—This is the large, beautiful Spanish variety sold in the fruit stores and in the markets of all large cities. They are of ENORMOUS SIZE, averaging from 14 to 16 inches in circumference. Although of such great size, it is very hardy and a good winter keeper. Outside skin is rich yellow, while the flesh is white, sweet and tender. They bottom well, are free from stiff-necks, and have produced more bushels of marketable onions to the acre than any other variety in America. In market they attract attention, and sell readily at advanced prices. **True American Growth Seed.** Pkt., 10c.; oz., 20c.; 2 ozs., 30c.; $\frac{1}{2}$ lb., 50c.; lb., \$1.60.



SHELDON BROS.
Kalamazoo Co.,
Mich., Jan. '95.
"What is best price you can quote us on your Ohio Yellow Globe Onion Seed. It cannot be beat and certainly is not equalled."

SPECIAL PRICES
On Onion Seed in any Quantity over what is here quoted will be PROMPTLY GIVEN ON APPLICATION.

WE OFFER SPECIAL INDUCEMENTS
To those wanting a SEED DRILL or CULTIVATOR in connection with Onion Seed.

We supply seed to many of the Largest Growers in the United States.
WRITE US. IT MAY PAY YOU BIG.

Ohio Yellow Globe Onion.
LIVINGSTON'S EXTRA SELECTED STOCK.

Generally admitted by seedsmen and onion growers everywhere to be the most desirable strain of PERFECT TYPE GLOBE-SHAPED ONION in existence. We name it **Ohio Globe** to designate it from the many strains of Globe Danvers now offered; besides, to Ohio Growers, especially on the Western Reserve, belongs the honor of producing, by many years of painstaking care, selection and cultivation, this, THE FINEST STRAIN OF THAT EXTREME TYPE OF GLOBE now so eagerly sought after by all the best growers, and so deservedly popular in all large onion markets. Its main points of excellence are, DISTINCT AND ATTRACTIVE SHAPE, HANDSOME, BRIGHT, EVEN COLOR; IT RIPENS EARLY, and all at once. THE NECKS ARE VERY SMALL and cure down to almost nothing. The firm, solid bulbs are EXCELLENT WINTER KEEPERS, and all that can be desired in size and quality; ENORMOUS YIELDERS, 800 bushels (standard weight) per acre are FREQUENTLY GROWN ON RICH ONION LAND. This is a SUPERB ONION for all classes of soil (when well enriched) and ESPECIALLY GOOD FOR MUCK LANDS on account of its quick maturing qualities. Pkt., 10c.; oz., 20c.; 2 ozs., 35c.; $\frac{1}{2}$ lb., 60c.; lb., \$2.00; 4 lbs. for \$7.40, postpaid.

HARVESTED 1750 BUSHELS.

M. WHITFORD, Noble Co., Ind.—"I have grown Onions from your seeds for the past 7 or 8 years and find them the most perfect of any that I have ever tried, without any exception. They are TRUE TO NAME and STRICTLY PURE. I bought from you last spring 6 lbs. Red Wethersfield, 3 lbs. Large White Globe and 3 lbs. some other kind (12 lbs.). Set my drill for 4 lbs. to the acre and harvested 1750 bushels. Did not have one peck of scullions in the lot. Expect to purchase 25 lbs. next spring."

JOHN W. HENRIE, Clay Co., Mo.—"The Ohio Globe Onion Seed I bought of you has proven to be the best I ever raised onions from, and nobody need to be afraid to try them."

SEE PAGE 10 FOR OTHER CHOICE ONIONS.

SPANISH AND ITALIAN ONIONS.



The following varieties have been tested in all sections of the United States and have given good satisfaction. We recommend them as very desirable for summer and winter markets, because they generally command ready sales at good prices, especially when grown by the transplanting method; they are also valuable for the family garden. Large quantities are grown

South and shipped to northern markets, but as they are not good winter keepers we advise growers North who have not tested them to rely chiefly on the American Onions for their main crop. All Spanish and Italian varieties are sweet and mild flavored, more so than the American Onions, and are of very rapid growth.

EXTRA EARLY BARIETTA.

All Spanish and Italian varieties are sweet and mild flavored, more so than the American Onions, and are of very rapid growth.

Extra Early Barietta—The very earliest onion in cultivation. When matured the tops die down, leaving beautiful and perfect little bulbs. The color is pure white, flavor mild and delicate, perfectly adapted for pickling and table use, and makes a pretty bunch onion, especially if grown by the transplanting method. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.25.

Round White Silver Skin—Uniformly small, round and handsome, with an opaque white skin which does not turn green upon exposure to the sun. They are compact and hard, but at the same time crisp and brittle, making them one of the best pickling onions ever introduced. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.25.

Neapolitan Maggiajola—Italian May Onion—A large, flat, beautiful, silve-white skinned variety, one of the earliest of all. Can be sown in February or March and will mature a crop very early; or if sown in July the crop will be matured the same season. In the South the seed can be sown in autumn, and large onions gathered in March. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.00.

Mammoth Pompeii—Red Gargans, Copper King—A very fine variety. It has produced onions weighing four or five pounds each. The skin is a delicate red, flesh close grained and nearly white, and of very mild flavor. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

Spanish King—Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.75.

White Queen—A pure white, small flat onion, 1 to 2 in. in diameter, when sown in early spring will ripen in July. Very mild flavored, excellent for pickling. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.25.

Red Victoria—Has a distinct oval shape; can be grown to weigh 2 to 4 lbs. Skin dark red, flesh white or rose colored, mild and sweet. A good keeper. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.75.

White Victoria—A beautiful, large round variety with silver-white skin, but sometimes of a delicate light rose-color; flesh juicy, sweet, and milky white. A good keeper. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.75.

Extra Early Pearl—“Silver White” “Etna” “Bloomsdale”—A very fine and very early variety. The bulbs, when well grown, are large, round, flattened, with a delicate pure white skin; flesh very mild in flavor. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.75.

Giant Rocca—Light brown skin, globular in form, flesh tender and mild. It will produce an immense onion from seed the first season. To attain the largest growth the smallest bulbs should be set out the next spring, when they will continue increasing in size instead of producing seed. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

Giant White Rocca, or Silver Ball—One of the handsomest, and sells readily in market at high prices. Flavor mild and delicious. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.75.

Red Mammoth Tripoi—Similar in size and shape to Giant White Tripoi. Skin thin and of rich, blood-red color; flesh white, fine grained, mild and pleasant. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.10.

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BERMUDA ISLAND ONIONS.

Bermuda Island Red—(Teneriff)—A very early pale red onion, grown extensively in the Bermudas and southern part of the United States for early shipping to northern markets. Grown in our climate, the bulbs are smaller, but mature early and retain much of the mild, sweet flavor of the imported ones. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.75.

Bermuda Island White—Mild flavored; white in color; otherwise same as red. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.25.

ONION SETS.

Bottom Sets are produced by sowing the seed very thickly (40 to 60 pounds to the acre) as early as the ground can be worked in the spring, in beds or broad drills, and not thinning out. About the middle of July, when the ground is dry enough to work, in rows one foot apart, when the tops die down, usual when about half an inch in diameter, they are pulled and allowed to remain on the ground a day or two, when the tops should be wrung off by hand, put into shallow trays or spread thinly in a dry loft; sets should be planted out as early as the ground is dry enough to work, in rows one foot apart, with sets two inches apart; the onions can be used in the green state in June and will ripen in July.

Top Sets, or Buttons—“Toppys”—These produce the small clusters on the top of the stem, where seed is produced in the common kinds. These small ones are planted in the spring and the result is large onions, and these large ones, with one year's growth, produce the clusters on top.

Winter, Egyptian, or Perennial Tree—When once set out it grows for years without protection or care, except in keeping down the weeds. If started so early in the spring that it is ready for use a long time before the other onions can be had. It is mild-flavored, sweet and tender; they form no large bulbs, but divide and grow as many as fifteen or twenty small onions in one bunch. Desirable for family use, and very profitable for market gardeners.

POTATO ONIONS—Esteemed by many as the best for early use; large size, mild, sweet flavor, very early, and large producers; the small bulbs are planted in the spring and increase in size, and the parent bulb, planted in the fall and spring, produce a quantity of small bulbs in a cluster, growing mostly on the top of the ground.

WHITE MULTIPLIERS—Are of a pure silver-white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster from a single bulb planted; of excellent quality and size for bunching green, or can be ripened for use as pickling onions. Their keeping qualities are remarkable, but their most important quality is their extreme earliness, being ready for market three or four weeks ahead of other onion sets.

ONION SET PRICES—Prices are based on the present market rates and are subject to change, according to the market, without notice. The market fluctuates very much, hence we do not care to make a fixed price. Lowest market prices for the quantities mentioned will be given on application at any time. At bushel, peck and half-peck prices the buyer pays the express or freight; at pint and quart prices we pay the postage.

	Pint.	Quart.	½ Peck.	Peck.	Bushel.
Potato Onions	15c.	25c.	50c.	75c.	\$2.50
White Multiplier	15c.	30c.	50c.	90c.	3.25
Top Sets, or Buttons	15c.	25c.	50c.	75c.	2.50
White Bottom Sets	15c.	25c.	50c.	75c.	2.50
Yellow Bottom Sets	15c.	25c.	40c.	65c.	2.00
Red Bottom Sets	15c.	25c.	45c.	75c.	2.50
Egyptian Winter Sets	15c.	25c.	25c.	40c.	1.25

Bottom Sets and Potato Onions are sold by measure. White Multipliers, Button and Egyptian, by weight. 28 pounds for a bushel.

If you want larger lots than quoted above, write us, and we will make you lowest market price at the time, for choice stock. We handle sets in large quantities.

OKRA, OR GUMBO.

One of the most wholesome vegetables of the South. The pods, when young, make a fine soup of themselves, or with other ingredients, and when pickled are a fine salad plant used after the ground is warm, thickly in drills 3 feet apart, thinning to one foot apart, make early and late sowing to secure supply throughout the season. No trouble to grow in any good garden soil.

White Velvet—Decidedly the best variety. Distinct in appearance, unlike other varieties, pods are not ridged, but perfectly round, smooth, an attractive white velvety appearance, of superior flavor and tenderness. Comparatively dwarf, of compact, branching growth; Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.



WHITE VELVET OKRA.

PEPPERS.

German—Pfeffer.
French—Piment.
Spanish—Pimentito.



MAMMOTH RUBY KING.



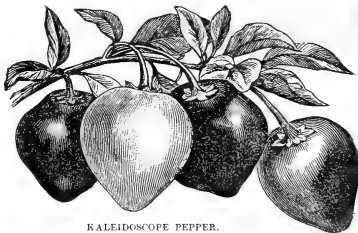
CARDINAL PEPPER.

PEPPERS should be started in a hot-bed or cold frame and transplanted about the close of May in a sunny location, in rows about two feet apart each way. May also be sown in the open ground when all danger of frost is passed, and the weather has become settled and the soil warm, and transplant as above when the plants are three or four inches high. Some very rich fertilizer stirred into the soil when the plants are about six inches high will be found very beneficial to the crop. One ounce of seed for 1,500 plants.

Mammoth Ruby King

—Entitled to head the list. Of immense size and the mildest of all varieties. Ordinarily they grow four to six inches long, by three to four inches thick. When ripe they are of a beautiful, bright, *ruby red color*, and are always remarkably mild and pleasant to the taste. They can even be sliced and eaten with pepper and vinegar (like tomatoes or cucumbers), and make a very pleasant and appetizing salad. The plant is of sturdy, bushy habit, and each plant produces from six to twelve handsome fruits. They should not be grown near the counterpart, except in color, of the famous **Ruby King Pepper**, which has so steadily gained in popularity favor the past ten years. The beautiful healthy plants bear large, handsome fruits, of a most attractive, bright yellow. The flavor is unsurpassed, exquisitely mild and pleasant. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.

Giant Yellow King Mango—New Golden Pepper, an exact counterpart, except in color, of the famous **Ruby King Pepper**, which has so steadily gained in popularity favor the past ten years. The beautiful healthy plants bear large, handsome fruits, of a most attractive, bright yellow. The flavor is unsurpassed, exquisitely mild and pleasant. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.



KALEIDOSCOPE PEPPER.

Kaleidoscope—A novel and beautiful sort, having long wavy branches, loaded with drooping fruit. From the time the peppers form until fully grown they are of a light yellowish cream color. When fully grown they commence to change color, first to a lovely canary yellow, then to a deep orange, then to rose or pink, and so on through different shades until they are an intense scarlet; a plant bearing hundreds of peppers showing six or eight distinct colors, is an object of great beauty. Grows freely in the garden or in pots. Its flavor is clear and sharp. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.25.

New Fancy Wrinkled—Excites admiration on account of their distinct and peculiar form and various colored fruits, *deep orange, vivid scarlet, lemon yellow*; a profuse bearer, flavor *sharp*. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.

County Fair—Hard to equal in quality and productiveness. Its striking, handsome appearance at once arrests the eye, whether in the market or on the exhibition stand of an agricultural fair. Of medium size, very solid and "meaty," and of sweet, sprightly flavor. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.

Proccop's Giant—This new variety is the "Goliath" of the pepper family. They grow uniformly to a very large size, of brilliant scarlet color, and in flavor just hot enough to be pleasant. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.

Celestial—A most useful pepper and one of the most beautiful plants in existence. The plant begins to set peppers early and continues until frost, branching freely and bearing profusely. The pods are upright, conical in shape, and of a delicate creamy yellow, and when fully grown change to a vivid scarlet, making a plant striking beauty and oddity. Peppers to two to three inches long, sharp flavor, and superior for any of the uses to which pepper can be put. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Orange Mammoth Sweet—A very large yellow sort, of fine shape, mild and excellent for mangoes. Pkt., 10c.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.00.

Colden Dawn—Productive and handsome yellow variety, almost exempt from fiery flavor. Not so large as Orange Mammoth. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.25.

Large Bell, or Bull Nose—An early variety of mild flavor; rind thick and fleshy. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.25.

Large Sweet Mountain—A very large and excellent for mangoes. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.25.

Cayenne—For making Cayenne Pepper Sauce. Small; pungent; used more than any other for making pepper sauce. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Long Red—Beautiful and productive, four inches long and an inch or more in diameter; flesh thick and pungent. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.25.

Squash, or Tomoto Shape—Fruit large, round, flesh thick, and mild flavored. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.

Red Cluster—Its distinct and brilliant scarlet fruit is curiously crowded together in bunches or clusters at the top of each branch. A single plant bears hundreds of handsome, hot and pungent peppers. Its bright colored fruit ripens early and makes a charming contrast with its deep green leaves. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.

Cherry Red—Fruit small, round, color rich scarlet; very hot. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Red Chili—For making pepper sauce, "hot as fire," small and prolific. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Coral Gem Bouquet—Its beautiful little pods of shining red are so thickly set as to give it the appearance of a bouquet of corals. A splendid sort for making pepper sauce, and makes a ready selling plant when grown in pots. Pkt., 5c.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.00.

Sweet Spanish—One of the largest and earliest varieties; flesh is sweet and mild. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

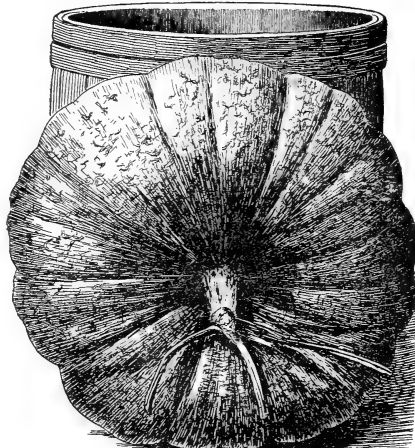
Cardinal—A new pepper with long, curved, tapering pods, about two inches thick at the stem end; very sweet and tender, and exceedingly handsome. Nothing equals it in depth, purity and brilliancy of color. It is worthy of cultivation for its beauty alone. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 65c.; lb., \$2.25.

Colden Queen—This is a very beautiful and a large variety. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.

PUMPKINS.

German—*Kurbis*.
French—*Courge*.
Spanish—*Calabaza*.

Pumpkins are not so particular in regard to soil as Melons or Cucumbers, but in other respects are cultivated in a similar manner. They are generally raised in fields of corn and potatoes, and may be planted with success in fields by themselves, in May or early June, in hills eight feet apart each way. One ounce for fifteen hills; one pound for an acre.



MAMMOTH POTIRON PUMPKIN.

Mammoth Etampes Bright Red—This giant variety grows to enormous size; a bright glossy red; for stock and exhibition purposes. Pkt., 5c.; oz., 15c.; $\frac{1}{2}$ lb., 40c.; lb., \$1.25.

PARSNIP.

German—*Pastinake*.
French—*Pastinac*.
Spanish—*Pastinaca*.

maured ground, well dug. Cultivate similar to Carrots, and thin to 6 inches apart in the rows. The roots improve by being left in the ground over winter, securing enough in pits or the cellar for immediate use. One ounce to 200 feet of drill, 5 or 6 pounds for an acre.

LARGE SUGAR OR HOLLOW CROWN (Improved Guernsey)—The best variety in cultivation for general use; roots intermediate in length, white, smooth, sugary; excellent flavor; easily harvested. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.

Long White Dutch—Roots very long and smooth; hardy and keeps through winter without protection. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 50c.

Maltese Half-Long—Shorter than Hollow Crown; better for shallow ground. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.

Zimper's Long White—Handsome long white sweet Parsnip on the market. Very smooth and attractive. For fuller description see Novelty List. Pkt., 10c.; oz., 20c.; $\frac{1}{2}$ lb., 50c.; lb., \$1.50.

PARSLEY.

German—*Petersilie*.
French—*Persil*.
Spanish—*Perejil*.



CHAMPION MOSS CURLED—Beautifully crimped and curled. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.
PLAIN—The leaves are plain; it is harder than the curled. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 50c.
EXTRA CURLED EMERALD—Distinct from other varieties, being a lighter shade of green. The plant is dwarf, with leaves finely cut and curled. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 65c.
FERM LEAVED—Very beautiful; more like crested fern or moss than Parsley; grand for table decoration. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.
HAMBURG, OR TURNIP-ROOTED—A fleshy rooted kind; the roots are used for flavoring soups. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 50c.

Sow as early in the spring as the weather will admit, in drills 15 inches apart and half an inch deep, in rich, well manured soil. As seeds germinate very slowly, 3 or 4 weeks sometimes elapse before it makes its appearance; it should be sown early in the spring in rows one foot apart; sow thick and cover half an inch deep; finally thin to 3 or 6 inches apart or transplant and cut back frequently. For winter use protect in a frame or light cellar.

One ounce for 150 feet of drill.

FINE DOUBLE CURLED—A fine dwarf variety. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 50c.

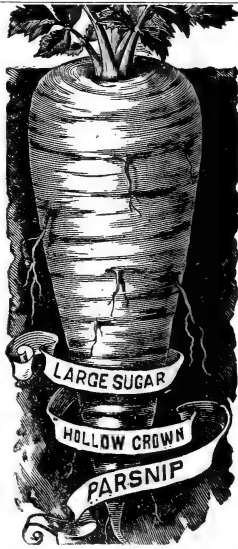
Parsley is used for seasoning soups, meats, etc., for salads and garnishing, also for an ornamental border for the flower garden; succeeds best in a rich, mellow soil.

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Parsley is used for seasoning soups, meats, etc., for salads and garnishing, also for an ornamental border for the flower garden; succeeds best in a rich, mellow soil.

PEAS.

Peas mature earlier in a light, rich soil. For a general crop, a rich, deep loam, or inclining to clay, would be best. They thrive better if the ground has been manured for a previous crop, but if the ground is poor and requires manuring, use well rotted manure; for the dwarf varieties you can hardly make the soil too rich. When grown for a market crop they are seldom staked or brushed, but are sown in single rows one inch apart and 3 to 5 inches deep, the depth depending on the time of sowing, nature of soil, as well as variety. Rows should be from 2½ to 3½ feet apart, according to variety, soil and manner of culture desired. When grown in gardens it is best to sow in double rows, six to eight inches apart, the tall ones requiring brushing, which is stuck in between the rows. Commence sowing early varieties as early as the ground can be worked in the spring, and continue, for a succession, every two weeks up to June, discontinuing until the middle of July. When a good crop can usually be secured by sowing the extra early and early sorts it is best to make late planting on sandy soil as there is some danger of mildew at this season when planted on heavy land. They should be kept clean with the cultivator or hoe, and earthed up twice during growth. Wrinkled varieties are not as hardy as the smooth hard sorts, and if planted early should have dry soil and not planted deep or they are liable to rot in the ground; they are, however, the sweetest and best flavored varieties. One quart sows 80 feet of drill. Two or three bushes to the acre.

Duke of Albany. One of the very largest and best Peas grown. The pods are handsome, large, well-filled, and borne in great profusion. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50; bus., \$5.00.



GREGORY'S NEW SURPRISE PEA.

German—*Erbsen*. French—*Pois*. Spanish—*Guisante*.

WE PAY THE POSTAGE.
At prices quoted on Quarts, Pints and Packets. If to go by Express, at buyer's expense, 15 cts. from quart, or 8 cts. from pint prices, may be deducted.



Juno Pea

The Juno is one of the best main crop Wrinkled Peas of its class. It has a stout, robust vine and STRAIGHT, heavy, square pods, usually borne in pairs. The pods are very thick, broad-backed and filled from the stem to the tips with seven to nine sweet, delicious, DARK GREEN peas of immense size; height, two feet; season from medium early to main crop. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.40; bus., \$5.00.

THE ADMIRAL—A valuable second early variety, both for market and family use. Its vigorous vines are about 3 feet high, and abundant bearers of well filled pods of bright green peas of most excellent quality. A favorite with canners, on account of productiveness and bright green color. Pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$1.00; bus., \$3.50.

IMPROVED STRATAGEM—Half dwarf; green wrinkled; vigorous, branching habit; an enormous cropper. Pods long, filled with from 7 to 9 EXTRA LARGE PEAS OF EXTRA FINE QUALITY; SEASON MEDIUM LATE. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.40; bus., \$5.00.

WILLIAM HURST—It is one of the hardiest, most prolific, and best varieties of first early dwarf wrinkled peas we have ever seen; it is ready for the table as early as the AMERICAN WONDER, and IS MUCH MORE PRODUCTIVE; grows stocky, 8 to 12 inches high. The pods are well filled with large peas, each pod containing 6 to 8, so closely packed that the peas are flattened against each other. Best quality. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.25; bus., \$4.50.

ALASKA—This BEAUTIFUL BLUE market pea has become a standard variety, and is the EARLIEST OF ALL BLUE PEAS. 20 inches high; very uniform in maturing the crop; of excellent quality, and retains its desirable color after cooking. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.00; bus., \$3.50.

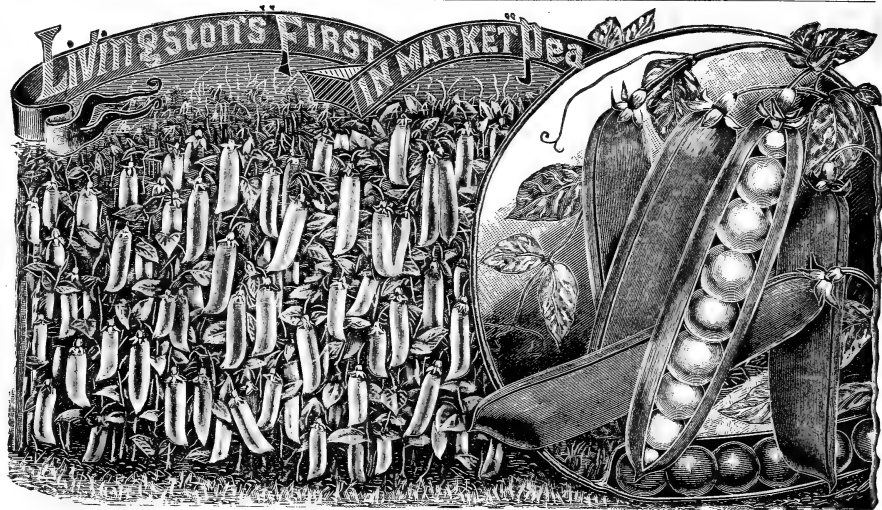
FRENCH CANNER—A very productive variety grown for the small dark green peas commonly known as "French Peas." Good flavor and tender when young, but of poor quality when they begin to harden. Pkt., 10c.; pt., 20c.; qt., 35c.; pk., 75c.; bus., \$2.50.

NEW SURPRISE PEA. Extra Early Wrinkled. Gardeners have long wanted a Wrinkled Pea which would come into market as soon as the extra early smooth kinds. They have it in the "NEW SURPRISE." It is "as early as the earliest of the hard peas, and as heavy a cropper, while it has that peculiar sweetness which belongs to the wrinkled sorts." For four years in succession second crops have matured on the same ground from which the first was planted, the second in each case from the seed of the first. It is the result of a cross between Earliest of All and American Wonder; has the hardness of the first, and the quality of the latter. Vines 24 inches high and need no brushing. Pods well filled, containing six or seven peas. The plants should stand about 2½ inches apart in the drills. Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.25; pk., \$2.00; bus., \$7.00.

Rev. J. Reynard Lawrence, North Egremont, Mass. "THE SURPRISE PEA is immense. It is the best Early Pea. You cannot recommend it too highly."

Editor of the New England Farmer, writes: "Of thirty-three varieties on trial, SURPRISE was the first to pick and the first to dry down."

PACKETS OF PEAS OR BEANS ARE HEAVY and the packets put up by some seedsmen to sell at 5c. postpaid, contain TOO SMALL A QUANTITY FOR ANY FAMILY. We therefore put up LIBERAL SIZED PACKETS at 10c., postpaid. We prefer TO PLEASE our customers rather than DISAPPOINT them.



**LIVINGSTON'S
FIRST IN MARKET
PEAS.**

Several years ago, when we introduced this variety, the name was chosen because it was an appropriate one for this, the EARLIEST of all very early peas. It means FIRST PEAS IN MARKET and FIRST MONEY to every one who grows from this stock for market purposes, and the farmer who plants it is sure of the first mess of green peas in his neighborhood. It is VERY PROFITABLE for the GARDENER and SHIPPER because it is very early, ripens uniformly, so that all the pods may be picked within seven weeks from the time of planting, and that at one picking. No brush or other support is required, as they seldom, under any circumstances, grow to exceed 20 inches in height. The pods are handsome, straight, and full of medium sized round peas of first-rate quality, and it is immensely productive for so early a variety. We have been carefully looking into the REAL EARLY pea subject and testing the various "strains" and "brands" on the market for years, until we are convinced, as well as our customers who have given them a trial, that FIRST IN MARKET leads all. PRICE BY MAIL (postpaid), pkt., 10c.; pt., 20c.; qt., 40c.; 2 qt., 75c. BY EXPRESS OR FREIGHT (not paid), 4 qts., 65c.; pk., \$1.20; bus., \$4.00.

NOTT'S EXCELSIOR—This is a fine new EXTRA EARLY DWARF GREEN WRINKLED PEA. In earliness it equals American Wonder; in height, about 15 inches; in quality equal to Premium Gem, and as a cropper it excels either. A great yielder, because it can be planted so much closer than tall growing sorts. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.25; bus., \$4.75.

AMERICAN WONDER—THE LEADING DWARF PEA in point of earliness, productiveness, flavor and quality. Dwarf and robust habit, growing about 10 inches high, and produces a profusion of good-sized, well-filled pods, fairly packed with the finest flavored peas. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.25; bus., \$4.00.

PREMIUM GEM—Very fine EXTRA EARLY dwarf pea of Little Gem type, on which it is a decided improvement; larger pods and more productive. Profitable wrinkled pea for market gardeners, and for family use there is none better. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.00; bus., \$3.75.

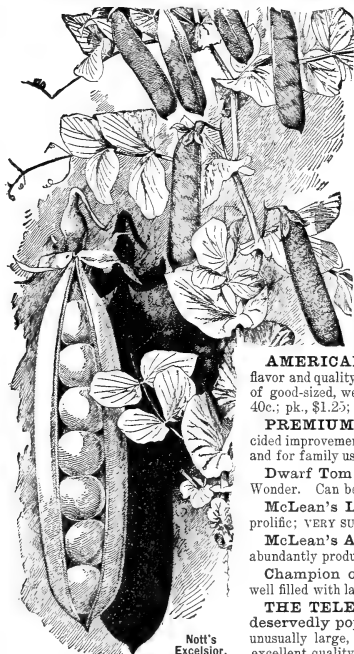
Dwarf Tom Thumb—Dwarf, about nine inches tall; matures about the time of American Wonder. Can be planted very close. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.25; bus., \$4.25

McLean's Little Gem—A gem indeed. Dwarf green wrinkled variety, 12 to 14 inches high; prolific; VERY SUPERIOR FLAVOR. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.00; bus., \$3.75.

McLean's Advancer—About the best second early. Green, wrinkled; 2½ feet high; long pods, abundantly produced and well filled. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.00; bus., \$3.50.

Champion of England—One of the best. Delicious flavor; PROFUSE BEARER of large pods well filled with large green wrinkled peas; 4 feet. Pkt., 10c.; pt., 20c.; qt., 35c.; pk., 90c.; bus., \$3.25.

THE TELEPHONE PEA—No pea to-day, of its class, is more meritorious or deservedly popular than the Telephone. Green, wrinkled; height 3½ feet; productive; pods unusually large, elegant shape, slightly curved, and well filled with peas of large size and most excellent quality and flavor. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.40; bus., \$5.00.





SHROPSHIRE HERO.

TWO
OF OUR
BEST
SELLING
PEAS

SHROPSHIRE HERO—One of the most valuable new peas of recent years. It is a SECOND EARLY, LARGE, WRINKLED pea, a robust grower like STRATAGEM, two or three feet in height, producing its large pods in abundance. Pods very large and extra well filled, averaging SEVEN and often contains EIGHT OR TEN FINE LARGE PEAS of exquisite flavor. Pkt., 10c.; $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 45c.; pk., \$1.25; bus., \$4.50.

HEROINE—Is a medium early green wrinkled pea, grows uniformly two to two and one-half feet high, and bears a profusion of large, long, slightly curved pointed pods, containing 9 to 10 large peas of finest quality. Destined to become a great favorite for market purposes. An immense cropper, yields double the quantity ordinary varieties do. Pkt., 10c.; $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 45c.; pk., \$1.25; bus., \$4.50.



Everbearing—A variety maturing soon after the Premium Gem, and continuing a long time in bearing. Vine stout, about eighteen inches high, bearing at the top six to ten broad pods. Peas wrinkled, large, cook quickly, and very tender; superior flavor. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.00; bus., \$3.75.

Horsford's Market Garden—A FINE SECOND-EARLY FOR FAMILY GARDENS. Vines two feet high and very regular. Most prolific bearer, pods medium size, numerous and well filled with peas of finest flavor. A green wrinkled variety which is fast coming into general favor. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., 90c.; bus., \$3.50.

White Marrowfat—One of the oldest varieties in cultivation, about four feet high, and well filled with very large pods. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 60c.; bus., \$2.25.

Black-Eyed Marrowfat—Similar to White Marrowfat but has a dark eye. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 75c.; bus., \$2.50.

Pride of the Market—Has a stiff vine of medium height, bears a crop of large dark green pods well filled with large peas of good flavor; season MEDIUM. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.40; bus., \$5.00.

Sugar, or Edible Podded Peas.

All edible podded varieties are used either shelled or cooked in the pods like string beans, and when young, are very tender and sweet.

Melting Sugar—This new variety grows to the height of five feet, bears a profusion of very large, broad, handsome, light green (nearly white) pods which are so brittle that they snap without any strings. Sweet and tender. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50; bus., \$5.00.

Dwarf Sugar—(GRAY SEEDED)—Grows about two feet high; productive; seeds large and shriveled; Pkt., 5c.; pt., 20c.; qt., 40c.

Tall Sugar—Tall, productive. Pkt., 5c.; pt., 20c.; qt., 35c.

ABUNDANCE—One of the VERY BEST and MOST SATISFACTORY second early peas for general purposes. It is half dwarf; 15 to 18 inches high; pods large; containing six to eight wrinkled peas of EXCELLENT QUALITY. Sow seed thin, as it has a remarkable tendency to branch. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.00; bus., \$3.75.

FIELD PEAS.

USED FOR FIELD CULTURE ONLY—By express or freight—bushel, \$1.25; peck, 40c. By Mail (POSTPAID)—Quart, 30c.; pint, 20c.; packet, 5c. Special prices on any quantity over a bushel. The market is subject to fluctuation, and we prefer to quote by letter rather than make a fixed price.

Southern Cow Pea—Large sample packet, 10c.; qt., 30c.; bus., \$1.75. Prices on application for larger quantities.

RHUBARB, OR PIE PLANT.

German—*Rhubarber*. French—*Rhubarbe*. Spanish—*Eubarbo Bastardo*.

Pie Plant—**Wine Plant**—A deep, rich soil is best for Rhubarb. Sow early in drills, eighteen inches apart and one inch deep; the spring following, transplant, allowing each plant at least two feet square; each fall mulch with manure. One ounce makes about 600 plants.

Victoria—Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Linnaeus—Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

RHUBARB, OR PIE PLANT ROOTS.

By Mail (POSTPAID), each 20c.; two for 30c.; four for 50c. By Express (NOT PAID), each 10c.; dozen, \$1.00.

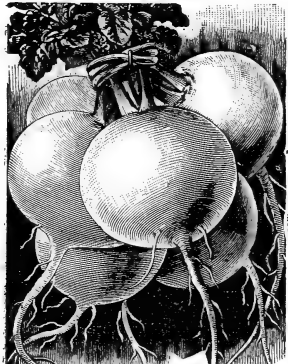
We make a speciality of growing the roots and will make special prices in any quantity on application.

Radish.

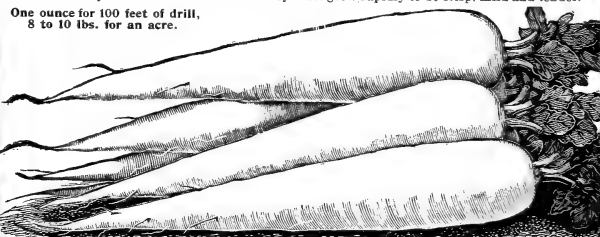
German—*Rettig*.
French—*Radis*.
Spanish—*Robano*.

All the varieties thrive best in light, sandy loam. For early use sow in hot-bed in February, giving plenty of ventilation, or outside in drills as soon as the soil can be gotten in order, covering the seed about half an inch deep. Sow every two weeks from March to September for a succession. They must grow rapidly to be crisp, mild and tender.

One ounce for 100 feet of drill,
8 to 10 lbs. for an acre.



PHILADELPHIA WHITE BOX.



Livingston's Pearl Forcing—Is a cross between Wood's Early Frame and White Strasburg—what might be called half-stump rooted. The color is pearl-white with the waxy appearance; the texture is very firm and solid; they remain in eatable condition fully two weeks before they show signs of going to seed, and do not become woody. If grown properly they have a smaller top in forcing than when grown in the open field. All things considered, we pronounce it absolutely the very best general purpose White Market Radish in existence. Pkt.; 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Philadelphia White Box—Its points of superiority are short top, rapid growth, perfect turnip shape, extra fine quality, and showing but little disposition to become pithy, remaining solid and juicy for sometime after fully grown; especially fitted for growing under glass in frames. Owing to very few leaves it can be sown thickly. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

GOLDEN DRESDEN—We recommend it alike for family garden and for market as one of the most valuable and quick growing radishes. Tops very scant, and admit of closest planting. It is perfectly round, smooth and very attractive, light golden-brown skin. The flesh is crisp, white, juicy and of finest flavor. Market gardeners can grow this new radish in the garden or force it, and depend upon a remarkably perfect, early, uniform crop. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Brightest Long Scarlet—("Cardinal White Tipped")—A new sort; resembles Early Long Scarlet in shape and size. Extraordinarily early, being fit for use in 24 days after sowing. It is the brightest scarlet we have ever seen in a radish; tips white; rapid seller on market. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Giant White Stuttgart—A favorite German radish; grows quick, of large size; in shape like a large top; flesh and skin white; fine quality; firm and brittle; never pithy; can be stored for winter. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Early Fire Ball—Pretty little fire-red round radish; small tap-root; small top; preferred by many for early forcing. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Golden Globe—Perfect globe-shape and golden colored skin; quick growth; tender and brittle. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

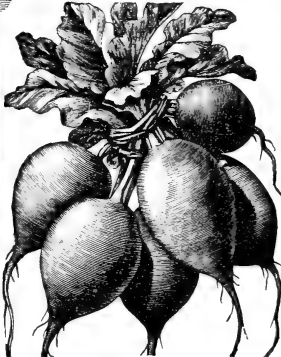
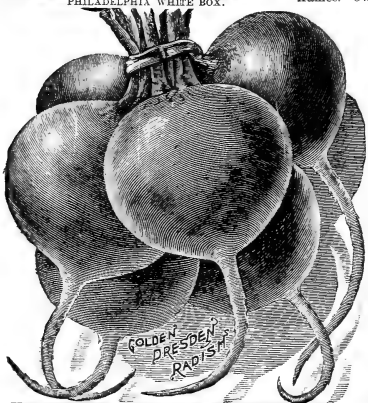
Yellow Summer Turnip—Grows to perfection in the hottest weather. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Cray Summer Turnip—A heat resister. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Rosy Gem—One of the earliest; perfectly globular; color rich deep scarlet at top, blending into pure white at the bottom; exceedingly tender and crisp; delicious; desirable for market or home garden. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Early Scarlet Globe—One of the earliest and best sorts for forcing; its color is very handsome; flavor mild; crisp and juicy; stands a great amount of heat without becoming pithy; good for garden culture. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

LIVINGSTON'S RADISH MIXTURE—A mixture of over 20 choice varieties of early, medium and late radishes. You will certainly have radishes all summer, and be surprised at the results. If you give it a good place in the garden. For several years we have sent out large quantities of this mixture and the unanimous reports have been "Happily Surprised." Large pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

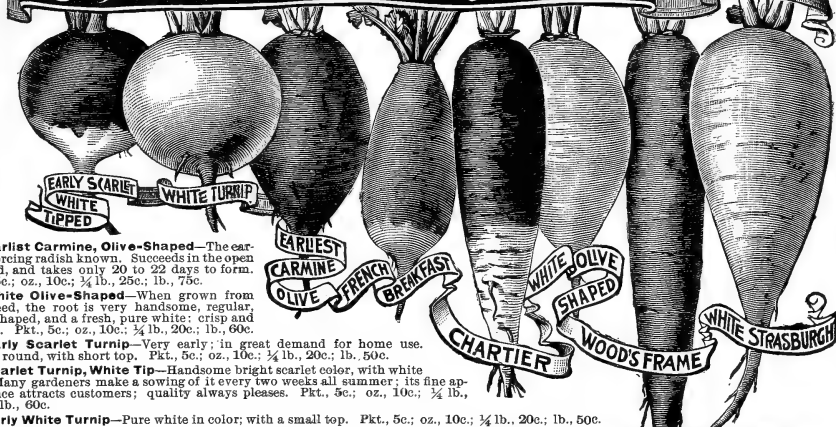


EARLY SCARLET GLOBE RADISH.



Cut showing some of the Radishes grown from a package of Livingston's Mixture.

RADISHES FOR ALL THE YEAR ROUND



Earliest Carmine, Olive-Shaped—The earliest forcing radish known in the open ground, and takes only 20 to 22 days to form. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

White Olive-Shaped—When grown from true seed, the root is very handsome, regular, olive-shaped, and a fresh, pure white; crisp and tender. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Early Scarlet Turnip—Very early; in great demand for home use. Small, round, with short top. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Scarlet Turnip, White Tip—Handsome bright scarlet color, with white tip. Many gardeners make a sowing of it every two weeks all summer; its fine appearance attracts customers; quality always pleases. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Early White Turnip—Pure white in color; with a small top. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Large White Summer Turnip—The market gardeners' favorite. Round, smooth, and very white; crisp and tender. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

CHARTIER—(Scarlet, White Tip)—A distinct, exceedingly handsome and attractive sort. Color of the top is scarlet-rose, shading into pure waxy-white at the tip. Attains a very large size before it becomes unfit for the table; undoubtedly the best All Seasons radish for the open ground. Ready for use or market nearly as early as Long Scarlet Short Top, and keeps crisp and tender for two months. Planted late it makes a good winter keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Chartier Long White—(Nonpareil)—Derived from the preceding, and in all respects similar, only that the color is pure white. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

French Breakfast—A variety of quick growth. Very mild and tender; one of the best for forcing; oval form, scarlet, tipped with white. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Wood's Early Frame—Ten days earlier than the Long Scarlet, which it resembles; an excellent variety for forcing. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

White Strasburgh—The roots are of handsome, oblong, tapering shape; both skin and flesh are pure white; the flesh is firm, brittle and tender, and possessing the most desirable character of retaining its crispness, even when the roots are old and large. It is excellent for summer use, as it withstands severe heat and grows very quickly. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Early Long Scarlet Short Top—An admirable sort for forcing; also the leading out-door quick-growing variety, both for private and market gardens the country over; grown in rich, light soil, its average length is about eight inches; grows half out of ground, straight, uniform in color, brittle and crisp; small tops; bright scarlet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

White Lady Finger—(Long White Vienna)—Finest Long White Radish in cultivation. Beautiful shape; skin and flesh pure white; crisp; rapid grower. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Non Plus Ultra—(Deep Scarlet Forcing Turnip)—The earliest forcing radish in cultivation. Roots small, round, deep rich scarlet; crisp, tender, white flesh. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

WINTER VARIETIES. Sown in summer and used in the fall, or put away same as turnips. For winter use store in the cellar, or in pits with turnips.

WHITE CHINESE—(New Celestial)—A large, stump rooted radish with white skin and flesh. Can be sown from July 1st to August 15th and will keep all winter in prime condition. Mild in flavor, brittle in heat and grows very quickly. **Market Gardeners** will find this a splendid seller and those who secure it first will make some money out of it. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

Chinese Rose—(Scarlet China)—A bright rose-colored winter variety, of excellent quality; certainly one of the best, and would be grown generally by radish growers if better known. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.

California Mammoth White—Grown extensively by Chinese in California; 8 to 12 long; 2 to 3 inches in diameter; white; solid; good flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.

Long Black Spanish—Grows 6 to 8 inches long, and about 1 and $\frac{1}{4}$ inches through at the top; skin black; flesh white and of firm texture. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Round Black Spanish—Like the above except in shape. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Long Black Spanish—Like the above except in shape. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

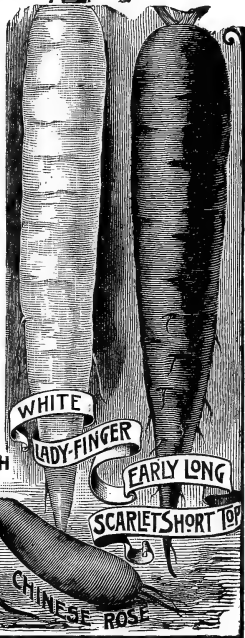
White Chinese—A large, stump rooted radish with white skin and flesh. Can be sown from July 1st to August 15th and will keep all winter in prime condition. Mild in flavor, brittle in heat and grows very quickly. **Market Gardeners** will find this a splendid seller and those who secure it first will make some money out of it. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

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Round Black Spanish—Like the above except in shape. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.



For Cincinnati Market and other New Radishes,
SEE NOVELTY PAGES

FOR LARGER QUANTITIES OF RADISH SEED SPECIAL
PRICES WILL BE MADE BY LETTER.

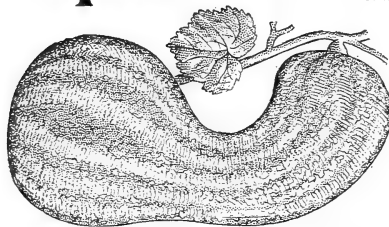
Squash.

Squashes should not be planted until danger from frost is past, but get in the winter kinds as soon as possible, in order that they may mature. Plant in hills 5 feet apart for bush varieties, and 6 or 8 feet for running varieties, putting 6 to 8 seeds to the hill, finally leaving but three plants. **One ounce of the Bush varieties for 40 hills, or of the large-seeded kinds, 15 hills; two or three pounds of the Bush, and three or four pounds of the large-seeded for an acre.**

LIVINGSTON'S IMPROVED CUSHAW SQUASH.

This is the genuine Cushaw of "ye olden time," and is a great favorite where known. It is very beautiful in appearance, being a distinct mottled green and white striped. The flesh is yellow, solid, fine grained, very sweet, and excellent for pies; also good for baking. In weight they average about 15 pounds, but on good rich soil 30 pound specimens are common, and even 35 to 40 pounders are found. They are hardy, and bugs seldom eat them, especially when other varieties are near. Can be grown among corn, same as pumpkins; and yield a good crop, but the better way is to grow them separately on good, rich soil, in hills 10 to 15 feet apart each way. This variety sells well on market, and should be in the hands of every grower for market. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

J. A. CHARLES, Lee Co., Miss.—"I have a specimen of Cushaw Squash that will weigh 50 pounds."



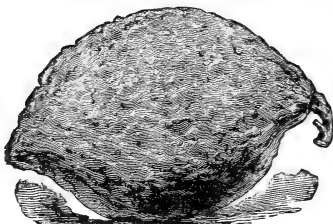
LIVINGSTON'S IMPROVED CUSHAW SQUASH.

White Bush Scallop—"PATTY PAN," "CYMBLING"—The well-known summer squash; very productive; pure white; to be used when young and tender. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Mammoth White Bush Scallop—An excellent large strain, earlier than the common stock, creamy white and averaging double in size; a prolific bearer; a splendid variety for market, and the best of all for Southern shippers. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c., lb., 60c.

Extra Large Golden Bush Scallop—Decidedly the best strain of YELLOW Scallop. It has been selected and grown for years until it has doubled in size, and, at the same time, lost none of the other good points, such as earliness, quality and productivity. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Colvin's Orange Marrow—The skin has the appearance of a rough dark-colored orange. In flavor it is fully up to the Hubbard. Quality excellent when matured. It is ready for market very early, and if the early squashes are picked the vines keep bearing until frost. Well ripened squashes weighing 15 pounds have been grown in eight weeks. A good keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.



COLVIN'S ORANGE MARROW SQUASH.

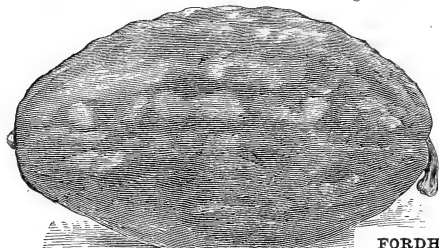
Giant Golden Summer Crookneck—A beautiful bright yellow, warty; bears early and all summer; very desirable for market or private gardens. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

New White Summer Crookneck—A beautiful ivory white, warty squash of unexcelled quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

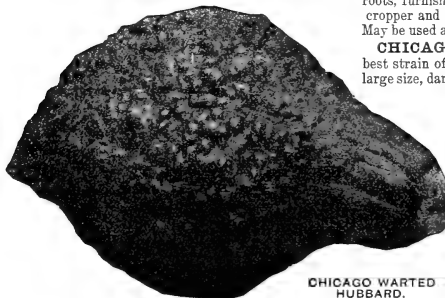
NEW EUREKA—A First-class Farmer's Squash, profitable to grow for feed as well as market purposes. The flesh is very thick and fine grained, and whether baked, steamed or boiled is of fine quality. The outside color is an attractive light grayish green. Its rough and uneven surface indicates its good qualities for the table. Weighs from 20 to 25 pounds, wonderfully prolific, a vigorous vine. When well matured its shell becomes quite hard, but not so much so but that stock can readily eat them. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

FORDHOOK—Of convenient size for family use. Flesh dry and sweet, and seems incapable of rotting; if placed in a cool, dry room, keeps in perfect condition throughout the winter and spring, until late in June. The thin, hard stem and roots, furnish absolutely no food for the squash borer. Maturing early, it is a sure cropper and immensely productive. Skin thin and meat thick; seed cavity small. May be used at any stage of growth. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

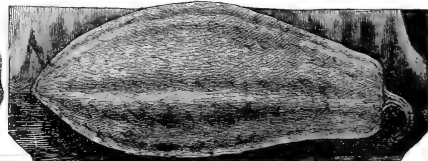
CHICAGO WARTED HUBBARD—This seems to be, by all odds, the best strain of Hubbard Squash we have ever grown. Some of its good points are large size, dark green, almost black, color, all looking alike, and withal distinguished by a dense covering of knots ("warts"); thick fleshed, of first-class quality; a good keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.



EUREKA SQUASH.



CHICAGO WARTED HUBBARD.



FORDHOOK SQUASH.

LIVINGSTON'S PIE SQUASH.

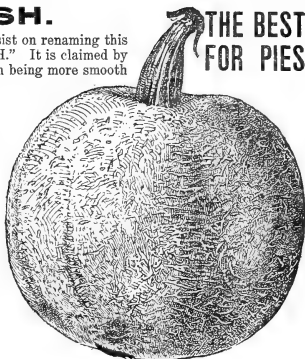
Introduced to the public by us nine years ago as "PIE SQUASH." Some seedsmen insist on renaming this variety, calling it "Pie Pumpkin," etc., after it has been known for years as "PIE SQUASH." It is claimed by some to be the same as Winter Luxury Pumpkin; this is incorrect, Livingston's Pie Squash being more smooth (showing no ribs whatever), and of more uniform growth in type and crop. We have always called it a Squash, inasmuch as the family from whom we first obtained our seed had always been in the habit of speaking of it as such. Whether Squash or Pumpkin, one thing is sure, it is FAR IN ADVANCE OF ANY PUMPKIN IN QUALITY. The skin is similar to that of the golden russet apple. The flesh is yellow and very thick, making them appear almost solid. It is early, surprisingly productive and a willing and hardy grower. All in all, we call it the grandest thing out for pies. Its size and attractive appearance make it a ready seller on market. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 30c.; lb., 90c.

True Hubbard Squash.

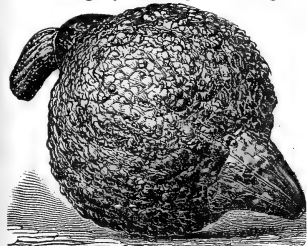
Generally considered the best Winter Squash grown; flesh dark yellow, fine grained, dry and sweet, (many say, "Good as sweet potatoes.") It boils and bakes dry, and if plenty of milk is added it will make an excellent pie. It has a very hard shell, is productive, and will keep perfectly until spring. We offer a very carefully grown stock. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.

Pike's Peak, or Sibley—Shell smooth, thin, and of a pale green color; the flesh is thick, solid, deep orange color, very dry, fine grained and delicate flavor. Weighs from 9 to 11 lbs., and are excellent keepers. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 50c.

Mammoth Chili—TRUE STOCK. Largest of all squashes. A rich orange; smooth; flesh rich bright yellow; keeps well throughout winter and spring; very productive; fine shape; fair quality; profitable for stock. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 30c.; lb., \$1.00.



Livingston's Pie Squash.



GOLDEN HUBBARD SQUASH.

New Golden Hubbard.

A sport from that old standard of excellence, the Hubbard; it is a perfect type of its parent, except in color, which is a bright deep orange-yellow; exceedingly showy and attractive. Flesh is deep golden-yellow, much richer color than Hubbard, fine grained, cooks very dry, and of excellent flavor. Its keeping qualities are fully equal to, while in productiveness it excels, the old variety. Its superior keeping qualities, combined with its sweet, rich flavor, attractive color and shape, are bound to make it a popular fall and winter variety. Pkt., 5c.; oz., 15c.; $\frac{1}{2}$ lb., 45c.; lb., \$1.40.

ESSEX HYBRID—RIPENS EARLY; one of the finest grained, richest flavored, most prolific and sweetest of the squash family, and keeps till the following June. Flesh very rich orange color, dry and solid. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.

We can supply the well-known **Marblehead, Canada Winter Crookneck, Brazil Sugar, Faxon, American Turban, Boston Marrow and Bay State.** Each, Packet, 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 65c.

SALSIFY.

(Vegetable Oyster.)

When properly cooked it is a good substitute for oysters in taste and flavor, and is very nutritious. In cooking the roots are usually boiled, or they can be mashed and made into fritters. It succeeds best in light, well enriched soil. If it is necessary to use manure, it should be very fine and well rotted. Sow early in drills eighteen inches apart, and two inches deep; finally thin to four or five inches apart. The roots are perfectly hardy, and may remain out all winter. They are best after frost has touched them. One ounce for 50 feet of drill.

GOLDEN SALSIFY—When prepared for the table this variety has a quality which, for DELICIOUS FLAVOR, EXTREME RICHNESS AND TENDERNESS, has been unapproached by either of the old varieties. Its habit of growth is unlike other varieties; the leaves are dark green in color, finely crimped and curled; roots have a slightly yellowish tinge. Pkt., 10c.; 3 pkt., 25c.

Long White—Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 30c.; lb., \$1.00.

Mammoth (Sandwich Island)—Very large and superior variety. Mild and delicious flavor. Pkt., 5c.; oz., 15c.; $\frac{1}{2}$ lb., 40c.; lb., \$1.25.

Scorzenera (Black Salsify)—Pkt., 5c.; oz., 15c.; $\frac{1}{2}$ lb., 50c.; lb., \$1.75.

SORREL.

Of easy growth; cultivated for its leaves, which possess a fine flavor when boiled and served like spinach; also makes a good soup.

Broad-Leaved French—The best variety. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 30c.; lb., \$1.00.

SPINACH.

For spring use sow early in drills one foot apart, and for succession every two weeks;

as it grows thin out for use, keeping it clear from weeds. For fall use sow in August; for winter use sow in September in well manured ground; mulch with straw on approach of severe cold weather.

One ounce for 100 feet of drill; 10 lbs. for an acre of drills.

NEW VICTORIA—Quick to mature; forms very large, firm heads.

It remains in condition for use much longer than most kinds, and cannot fail to please. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 15c.; lb., 40c.



ROUND SUMMER SPINACH.

exceedingly thick leaves, savoyed in the center. It is particularly adapted for use much longer than most kinds, and cannot fail to please. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 15c.; lb., 40c.

Round Summer—A standard sort with market gardeners for early spring; it stands the winter well, but is not quite so hardy as the Prickly; leaves large, thick and fleshy. Oz., 5c.; $\frac{1}{2}$ lb., 15c.; lb., 35c.

Prickly Seeded—The hardest of all, therefore the best where the winters are severe. Oz., 5c.; $\frac{1}{2}$ lb., 15c.; lb., 35c.

Improved Thick Leaf (Viroflay)—A decided improvement on Round Summer. Has very large, thick leaves of great substance. Oz., 5c.; $\frac{1}{2}$ lb., 15c.; lb., 35c.

Curled-Leaved Savoy (Norfolk, Bloomsdale)—The earliest variety; of upright growth; fine, large, tender, savoyed leaves. Grows quick but will not stand long. Oz., 5c.; $\frac{1}{2}$ lb., 15c.; lb., 35c.

New Zealand—Withstands heat and drought and produces leaves in great abundance throughout the summer in the hottest climates, and where ordinary Spinach will not do well; should be started in heat and transplanted three feet apart each way, into light, rich soil. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 25c.; lb., 90c.

Long Standing—This is an improved strain; later in going to seed than any other; especially desirable for market gardeners. Oz., 5c.; $\frac{1}{2}$ lb., 15c.; lb., 35c.

Special Prices on Spinach in any quantity on application.

TOMATO

For very early fruit the seed should be sown in a hot-bed about the first week in March in drills five inches apart and half an inch deep. Later sowings may be made until the last of April. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower pot and placing in a window in the house. When the plants are 3 or 4 inches high they should be set out 4 or 5 inches apart in another hot-bed or cold frame, or removed into small pots, allowing a single plant to a pot. Expose to the air as much as possible to harden. Water freely at time of transplanting, and shelter from the sun a few days until the plants are established. Cultivate thoroughly as long as the vines will permit, but the last two or three workings should be very shallow (surface cultivation) or the crop may be badly injured, especially if the cultivator is run too near the plants. Tomatoes will admit of training to stakes or trellises of various kinds, and the fruit is very much improved, not only in appearance but in quality. This mode of cultivation is quite common among gardeners who grow for early market. The usual method is to set one strong plant to a stake, using stakes 5 to 7 feet high, tying the plants up with wool or other strong, soft twine, pruning out quite freely as vines advance in growth. By adopting this method plants may be set much closer than in the ordinary way. For fine, large specimens of high color and attractive appearance generally, grow the clusters of the fruit in paper sacks, as is commonly practiced by grape growers. The sacks should be put on when the tomatoes are about three-fourths grown.

About 2000 plants from one ounce of seed is a safe estimate.

THOS. L. ROSS, Bibb Co., Ga. "I am growing this season seven kinds of Tomatoes and two kinds each of two other seedsmen. Will plant only three kinds next season—Beauty, Stone and Aristocrat."

PACKET PRICES OF THE LIVINGSTON VARIETIES:

REGULAR SIZE, 10c. each, 3 for 25c., of one or more kinds.
HALF SIZE PACKETS, 5c. each, 6 for 25c., one or more kinds.



Livingston's Beauty. (Introduced by us in 1886)

A decided favorite for either home market or shipping purposes, being early, hardy, a strong grower, productive, large size, always smooth, perfect in shape and excellent in quality. The color is a very glossy crimson with a tinge of purple. It grows in clusters of four to six large fruits, retaining its large size late in the season. It ripens with Acme and Perfection, and is entirely free from ribbed and elongated fruit. It is very firm fleshed, has a tough skin and but few seeds. It seldom rots or cracks after a rain like many of the tender skinned sorts. For shipping and early market it cannot be excelled, on account of solidity, toughness of skin, and especially its handsome color; it can be picked quite green, will look well and ripen up nicely, and keep perfect for a week after it is ripe. Used largely by marketmen and long distance shippers everywhere.

PRICE—Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

Livingston's Stone. (Introduced by us in 1891.)

This variety has obtained great favor with canners, Southern growers, and market gardeners everywhere. Its solidity and carrying qualities are remarkable. Its color is a desirable red; in shape, perfectly smooth, and thicker from stem to blossom end than most varieties, making it very handsome and saleable. Nobody finds any fault with this variety, but all speak in the highest terms of its beautiful color, its wonderful yielding qualities, its unequalled firmness, or some other of its good points.

PRICE—Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

NOTHING TO BE COMPARED WITH IT.

GEORGE W. CHAMBERLAIN, Essex Co., N. Y. "The seeds we have bought of you cannot be beat. We raise your Stone Tomato and think there is nothing in the line of tomatoes to be compared with it. I shall always buy my seeds of you."

LIVINGSTON'S BEAUTY.

PROF. W. J. GREEN, Horticulturist Ohio Experiment Station. "At the station we have found, after many trials, no better or more productive variety than Livingston's Beauty for forcing under glass, and next to it, in my opinion, comes Livingston's Stone."

THE BEST FOR UNDER GLASS.

LIVINGSTON'S STONE.

PROF. W. B. ALWOOD, Agricultural Experiment Station, Blacksburg, Va. "Your Beauty Tomato was superb, as usual, and gave us magnificent fruit. We consider it the standard by which comparison of other sorts is made, and are also using it now exclusively for winter forcing."

For over 15 years extensive trials have been carried on in a most thorough and practical manner by these gentlemen and their able assistants

LIVINGSTON'S Buckeye State Tomato.

The Largest Smooth Tomato in the World.
Bearing the Livingston Name.
Clustered, and of any variety,
Tomatoes in the Clusters.

(Introduced by us in 1893.)

It averages at least one-half larger than Livingston's Beauty. Many "mammoth" sorts have been introduced of late, but on first trial they are rejected on account of their rough and uneven surface, if for nothing else. When, therefore, we state that in addition to its very large size, it is also smooth and uniform, like all the other sorts introduced by us, we are sure we have said enough to enlist the attention of Tomato Growers everywhere. This is not all, however, for although its large size might lead some to believe the fruits are few in number, yet the fact is, it is even more prolific and abundant in fruit than most any of the standard sorts now in cultivation. It is unquestionably the heaviest cropper known. The tomatoes are borne in immense clusters of four to eight extra large fruits, and occasionally ten large fruits have been found in single clusters. It matures with the Livingston Stone. In solidity and meanness it has no equal, and in desirable quality none surpass it. The color is much the same as Livingston's Beauty, but of a somewhat darker shade, and this, together with its very large size and clear-cut outlines, make it very showy and striking when displayed for sale. In shape it is a little thicker from blossom end to stem than most other sorts. For five years we have grown this variety by the ordinary method, as well as on stakes, on our Tomato Farm near this city, and the tomatoes were the admiration of all visitors.

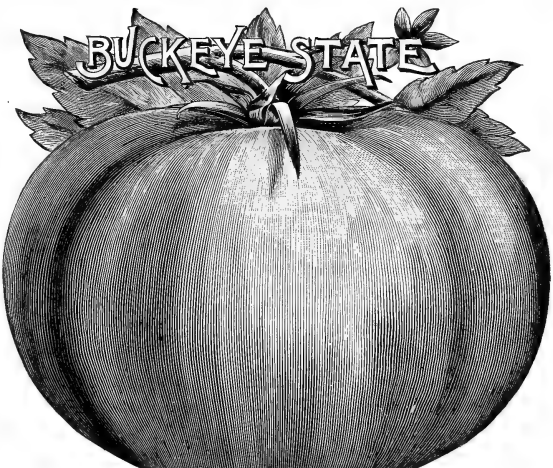
PRICE OF CHOICE SELECT SEED—Pkt., 10c.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.50.

F. M. FRAZER, Adair Co., Ky. "I have won the prize every year on our County Fair for five years on Livingston's Buckeye State Tomato."

J. C. BROWNBRIDGE, Van Buren Co., Mich. "I had a cluster of 13 Buckeye State Tomatoes growing on muck soil last year that weighed 17½ lbs. I would have sent them to you but I let them get too ripe. I had them on show up town and they were a sight."

BOLIVAR LUCKETT, Toristell, Mo. "Your Buckeye State Tomato is unsurpassed for beauty, quality and size, by anything we ever grew in the Tomato line. I heartily recommend it to all lovers of good tomatoes."

C. E. PATTERSON, Belmont Co., Ohio. "I grew your Buckeye State Tomato last year. It is the best I have ever raised. We get 25 cents a bushel more for our tomatoes than other growers here."



JOSEPH LONG, Kennebeck Co., Maine. "I write to speak of the success of your seed. The Buckeye State Tomato this year has been a great success with me, as it was last. Though a little late for this northern latitude, they are certainly the largest and smoothest Tomato. Your Dwarf Aristocrat I have tried this season, and was delighted with its size and beautiful color. It yielded the most fruit to the square yard of any kind I had."

F. K. HEFLEY, Crockett Co., Tenn. "Every Tomato Grower in this County wants plants from your Acme seed."

DANIEL D. CLARK, Jackson Co., Ohio. "Your Buckeye State Tomato has attracted considerable attention. It and your Beauty are the best I have ever raised."

LIVINGSTON'S EARLY ACME. (Introduced by us in 1875.)—The Earliest

Real Good Tomato, especially for market gardeners' use. Probably there is no one variety so well known and generally cultivated throughout the United States, both for early and main crops. The plants are of strong and vigorous growth, very productive; fruit of medium size, perfect form, round, slightly depressed at the ends and very smooth (never rough); color, a glossy red, with purplish tinge; ripens all over and through at the same time.

PRICE—Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

LIVINGSTON'S EARLY PERFECTION. (Introduced by us in 1880.)—An improved Acme with red skin,

somewhat larger, fully as early, has more solid flesh and fewer seeds, and produces more and larger fruit at the close of the season. Invariably smooth and of a handsome blood-red color. All who have tried it pronounce it of the highest quality. Some canners prefer it to all others, especially those who can the tomatoes whole.

PRICE—Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

LIVINGSTON'S FAVORITE. (Introduced by us in 1883.)

The Canner's Favorite and one of the best and largest perfect shaped Red Tomatoes in cultivation. Ripens evenly and as early as any other good red sort, holding its size to the end of the season; free from cracks, and is not apt to rot at the blossom end; very prolific, good flavor, few seeds, flesh solid, bears shipping long distances. It is used almost exclusively in the extensive canner sections of Maryland, and has been generally grown for years for the canner's trade throughout the United States. We grow thousands of pounds annually to supply this demand.

PRICE—Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

LIVINGSTON'S PARAGON. (Introduced by us in 1870.)

Our first introduction, and, although it is twenty-eight years since it was first offered, we have kept it up to its original standard, and it has to-day the preference in many localities. Many gardeners, canners and catsup makers will have no other. It is a large sized variety, larger than several of the standard kinds cultivated. An immense cropper. The flesh is solid, well colored and flavored. Ripens between the early and late varieties, grows vigorous and has a distinct heavy foliage, and no variety holds its size better late in the season. Color of skin, deep red.

PRICE—Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

LIVINGSTON'S ROYAL RED. (Introduced by us in 1892.)

This fine variety is worthy of a prominent position alongside of its renowned predecessors already bearing the "Livingston" name, which are well and favorably known to-day by everybody, because they were all that was claimed for them, and even better than expected. A first-class main crop variety for the shipper, catsup maker, marketer and private gardener; no essential point is lacking. Everybody is attracted by its vivid red color and handsome general appearance.

PRICE—Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.



CAUTION.

TO BE SURE of seed grown by us *insist* on having it in packages bearing our registered TRUE BLUE SEAL.

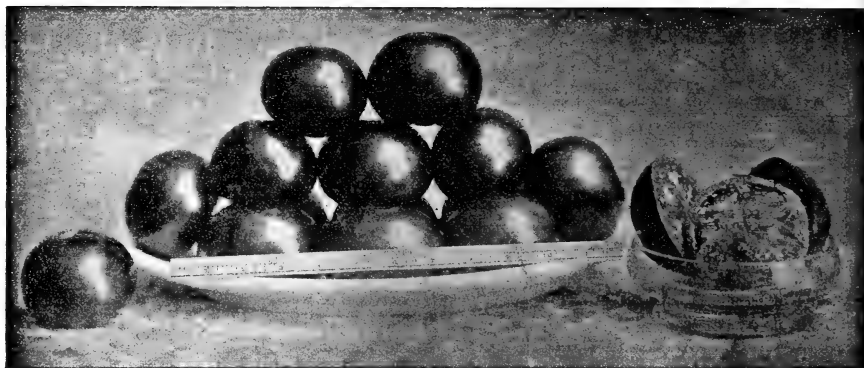
Large quantities of spurious seed are sold annually as Livingston's by unprincipled persons, hence we give this warning.

THE SEED WE OFFER WAS SAVED FROM CHOICE SELECTED FRUITS of true original type, and cannot fail to please the most critical grower.

OUR SEAL.

PACKET PRICES OF THE LIVINGSTON VARIETIES

REGULAR SIZE, 10 cents each, 3 for 25 cents—of one or more kinds.
HALF SIZE, 6 cents each, 6 for 25 cents—of one or more kinds.



LIVINGSTON'S DWARF ARISTOCRAT TOMATO.

LIVINGSTON'S DWARF ARISTOCRAT—(Introduced by us in 1893). This fine early variety in habit of growth and foliage resembles the Dwarf Champion very much, and might be taken for that popular variety if it were not for the color of its beautiful rich, glossy red fruit, so much preferred in many localities to the purple or rose-colored varieties. The size, solidity, productiveness, smoothness, flavor of its fruit, etc., is up to the present standard of excellence. It is desirable for forcing under glass, especially on the side benches, and for growing outside for early market purposes. It may be planted two by three feet, or even closer, making it also suitable for small gardens, where every foot of land is to be utilized. Its peculiar dark green foliage and glossy red fruit attract the attention of every passer-by.

PRICE—Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.; lb., \$3.00.

LIVINGSTON'S POTATO LEAF—(Introduced by us in 1887). A distinct variety and superior to all other potato-leaved sorts in the market. The leaf resembles Mikado or Turner Hybrid, but the fruit is always smooth, medium large, very firm, and of desirable quality. It is second early, everbearing until killed by frost, and it takes a pretty sharp frost or two before the fruit is injured, being protected by the thick, broad leaves. It has a strong vine and resists the wind remarkably well; an excellent variety for growing on trellises or tying up to stakes. A very good variety for hot climates, the leaves protecting the fruit from the scorching rays of the sun.

PRICE—Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

LIVINGSTON'S GOLDEN QUEEN—(Introduced by us in 1882). "Queen of All the Yellows" and a real good yellow sort of first-class quality. Its superior flavor has brought it into general favor as a table fruit. It is solid, always smooth, entirely free from ridges, large in size, ripens early, and is the most beautiful yellow variety ever sent out. The larger and riper fruits are sometimes tinged with red at the blossom end. None excel it for eating raw or slicing. The handsome golden-yellow slices make a beautiful contrast in a dish with red sorts. It has very little acid, and the quality is excellent. Makes handsome, rich preserves.

PRICE—Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

LIVINGSTON'S GOLD BALL—(Introduced by us in 1892). It is a beautiful canary yellow variety, and no other yellow sort, except our Golden Queen, can approach it in quality. The flesh is thick and of extra good quality; not so large as Golden Queen; smooth as an apple and of a handsome color; grows in clusters; produces enormous crops.

PRICE—Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

LIVINGSTON'S LARGE ROSE PEACH—(Introduced by us in 1893). It has all the general characteristics belonging to this singular and distinct class of Tomatoes, but is larger than any Peach variety yet brought out. It is a profuse bearer until killed by frost, and has the agreeable mild flavor, as well as the *sulfur-d coloring* and the peculiar peach-like bloom or furze on its surface. It has shown no signs of rotting in the past five years.

PRICE—Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

DWARF CHAMPION—We make a specialty of this grand and very distinct variety, and have grown a number of acres every year since its introduction. A single plant of it was first found some ten years ago in a field of our Aemes. Its dwarf, compact and upright growth enables it to be planted two to three feet apart each way. Heavy manuring, instead of producing a superabundant growth of vine (as in many varieties), increases the yield and size of the fruit. In form and color they resemble Aeme—smooth and symmetrical in shape, ripening close around the stem. It matures the fruit early, is very productive, medium large, and frequently crowded close together on the branches for fifteen inches. Foliage is an unusually dark green color.

TRUE STOCK—Pkt., 5c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Other Varieties.

Below we offer a list of other meritorious varieties. For years past we have aimed to give all new varieties of Tomatoes offered a thorough test for quality and comparative points on our trial grounds near this city, which are under our own personal supervision. Not only that we may keep abreast the times on the Tomato question, but posted on varieties and in position to offer those deserving of introduction as fast as brought out. Our limited space in this department of our catalogue will not admit of full and extended description of the various varieties. The stocks we offer below we recommend as good as any offered by our competitors or the original introducers.

NEW IMPERIAL—It is a purple sort, ripens well around the stem, is very thick meated and solid, but we have not been able to ripen it a day earlier than Beauty, nor do we find it as productive. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Early Ruby—A REAL EARLY VARIETY. A single plant of it was first observed in a field of Livingston's Perfection. The fruit, although not so large or so smooth, ripens earlier than Perfection. The open habit of the plant admits the sun and ripens the fruit, which is compact around the base of the plant, and the whole crop ripens very early. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

PONDEROSA—The fruit ripens quite early and keeps on coming until very late; of immense size, solid, almost seedless, and of good sub acid flavor. The fruits are somewhat scattered on the vine, and a large percentage are too rough to please most growers. When ripe it is apt to remain somewhat green around stem end, and it seems to ripen on the inside first, and on this account should be picked when it appears to be about half ripe. Pkt., 5c.; $\frac{1}{2}$ oz., 20c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Mikado or Turner's Hybrid—In color a purplish red; quality good when well ripened; foliage distinct; generally quite smooth, but always some rough ones. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

Trophy, True—Fruit very large and generally smooth; solid, good flavor, and very productive. Choice selected seed, as good as it can be grown. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

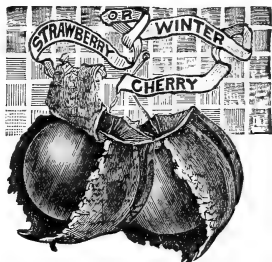
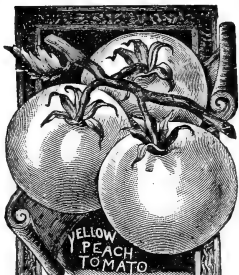
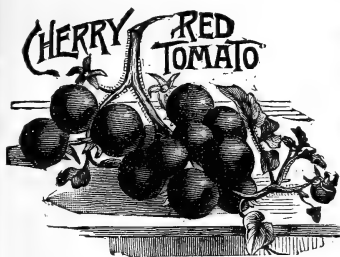
Atlantic Prize—One of the EARLIEST of ALL; not only ripens its FIRST FRUITS but a LARGE PROPORTION of the crop earlier than most any other sort; quite valuable to all with whom EARLINESS is the main object desired. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

MATCHLESS—A rich cardinal red color; symmetrical in form; free from core; of large size; a good healthy grower. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

We can supply the following varieties at the uniform price of—
Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

HAY FLOWER, RED QUEEN, EARLY CONQUEROR,
HATHAWAY'S EXCELSIOR, LORILLARD,
CANADA VICTOR, ESSEX HYBRID, CINCINNATI PURPLE,
ADVANCE, OPTIMUS, IGNOTUM, FORDHOOK,
EARLY MICHIGAN, CUMBERLAND RED, LIBERTY BELL,
VOLUNTEER, CARDINAL, LONG KEEPER.

Also many other varieties and a host of "re-names," or said to be new Tomatoes at customary prices.



NEW PEACH TOMATOES.

Purple Peach—This striking and peculiar variety resembles some varieties of peaches so closely in size, shape, color and general appearance that it is frequently taken for a real peach. It seems to have the real bloom or furze of the peach upon its surface. In color, a deep rose blended with orange amber; it is productive, comes early, and lasts until frost, and never rots. Unequal in delicacy of flavor does not exist in the Tomato family. The skin is thin and peels off like that of a peach. It is very ornamental for table decoration or exhibition purposes. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 80c; lb., \$3.00.

Yellow Peach—Differs from the above in color only, being a rich golden color and having the bloom or furze of a peach upon its surface. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 80c; lb., \$3.00.

Husk, or Strawberry, Winter Cherry, Etc.

This delicate husk enveloped Tomato is unequalled for making preserves and pies. Dried in sugar, as raisins or figs, or to use in fruit cake, they are unexcelled. They are handsome in color, and keep

until midwinter or longer. They have a strawberry flavor, and produce fruit in great abundance. Aside from being a great curiosity and very attractive, they sell first-rate in market, and are rapidly becoming very popular.

Purple Husk—This new and beautiful variety produces fruit in great abundance, from one to two inches in diameter, enveloped with a husk. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 80c; lb., \$3.00.

Golden Husk—Fruit a handsome golden color, the size of large cherries; much esteemed by many to eat from the hand; makes an excellent pie. The recipe for making the pie will be on the packet containing seed. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 80c; lb., \$3.00.

SMALL TOMATOES.

Excellent for Preserves, Pickles and Pies.

Red Currant..... Pkt., 5c. **Yellow Plum**..... Pkt., 5c.
Red Cherry..... Pkt., 5c. **Yellow Cherry**..... Pkt., 5c.
Red Pear-Shape..... Pkt., 5c. **Yellow Pear-Shape**..... Pkt., 5c.

Prices of any of the above named varieties by the ½ oz., 15c.; oz., 25c.; ¼ lb., 80c.; lb., \$3.00.

TURNIP.

in drills or broadcast, though much larger crops are obtained by drill culture. Land newly cleared, or old pasture ground well manured with thoroughly rotted manure or other good fertilizer at time of sowing will produce the best and sweetest Turnips. Always sow just before a rain if possible. The success of the crop depends upon a quick growth, especially in the start. One pound is sufficient to sow an acre.

Extra Early Purple Top Milan—A new, early, very white variety, with purple top and strap leaf; mild and sweet; remains good condition for a long time. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Extra Early White Milan—Same as above, except it is pure white. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.

Scarlet Kashmir ("CARDINAL")—The beautiful pinkish color of this new turnip makes it very striking. It produces large, smooth white-fleshed roots of excellent keeping qualities. Among the earliest. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

Early Flat Dutch or White Top Strap-Leaved—A standard variety; good size; pure white; small top, with but few leaves; very sweet. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

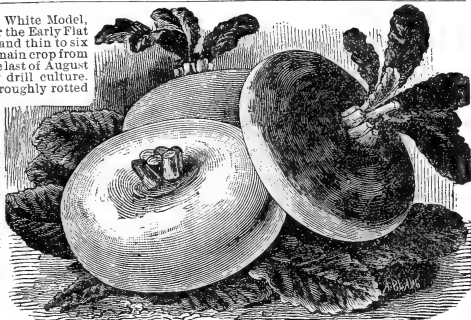
Early White Egg—An egg-shaped variety for spring or fall sowing; flesh white, firm, fine grained, mild and sweet. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

Yellow Stone—One of the best yellow-fleshed varieties for table use, and equally good for feeding stock. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

Purple Top White Globe—A variety of decided merit. Globular shape, very handsome, and of superior quality, either for the table or stock. It is a heavy producer, early, of rapid growth, and an excellent keeper. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

Yellow Globe, or Amber—One of the best for general crop; flesh firm and sweet; grows to a large size; excellent for table use or stock, and keeps well until late in the spring. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

Golden Ball, or Orange Jelly—A rapid grower of excellent flavor; globe-shaped; bright yellow color; good keeper and a superior table variety, or for stock. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.



EARLY WHITE FLAT DUTCH.

PURPLE TOP STRAP LEAF.

Large White Globe—A large, round, white turnip, with firm, sweet flesh. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

Purple Top Strap-Leaved—The well-known, popular variety, either for family or market use; large size; white, purple above ground; flesh fine grained. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

Long White, or Cow Horn—Grows very thickly partly above ground; very productive; flesh white, fine grained, sweet, and of excellent quality for family and market gardener's use. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

RUTA BAGA VARIETIES.

The Ruta Baga varieties should be sown a month earlier than Turnips, as they require longer to mature.

Improved American—(PURPLE TOP)—Very hardy and productive; flesh yellow, sweet and solid; good for stock or table use. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

White Russian, or Large White Ruta Baga—Grows very large; excellent for table or stock; flesh firm, white and solid; has a very rich and sweet flavor. The best keeper of any. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

Long Island Improved Purple Top—This is undoubtedly the finest variety of Purple Top Ruta Baga, and is twice the size of the ordinary stocks. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.



YELLOW PURPLE TOP RUTA BAGA.

yellow color; good keeper and a superior table variety, or for stock. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

Miscellaneous Farm Seeds.

The prices given below are **NET CASH**, free on cars, this city, purchasers paying all transportation charges; at the prices quoted here we make no charge for bags or cartage. The prices quoted are subject to market fluctuations. Should any article seem high, or when customers are in need of large quantities, we will be pleased to quote them, on application, **THE LOWEST PRICE** that the market will justify at the time.



Seed Oats.

The Improved AMERICAN OATS.

This splendid Oat originated in Maine. It is a very heavy growing, strong strawed variety, and it is claimed by the introducer to be almost proof against Rust and other diseases. The grains are large, white, thin hulled, and, in every way, first-class. We predict for this variety a first place with consumers. The Ohio Agricultural Experiment Station pronounces this variety the best oats of all the late introductions. We have a limited supply but while it lasts will sell as follows:

PRICE, (postpaid)—Large packet, 10c.; lb., 25c.; 3 lbs., 60c. BY EXPRESS OR FREIGHT—Peck, 40c.; bus. (32 lbs.), \$1.25. **SACKS FREE.**

AMERICAN BANNER—Invariably yields large crops. Grains large, white and plump; ripens early; has stiff straw of good strength. **POSTPAID**—Lb., 25c.; 3 lbs., 60c. BY EXPRESS OR FREIGHT—Peck, 30c.; bus., 80c.; 5 bus., \$3.25; 10 bus., \$6.00. **SACKS FREE.**

EARLY WHITE SWEDISH OATS—We introduced to our trade some two years ago this valuable new variety of oats, and find it fully up to our claims and expectations. It has been well tested in various localities. As its name implies it is early, white and productive, with a good straw. **POSTPAID**—Large packet, 10c.; lb., 30c.; 3 lbs., 75c. BY EXPRESS OR FREIGHT—Peck, 30c.; bus. (32 lbs.), 90c.; bag of 2½ bus., \$2.00; 5 bus., \$3.75; 10 bus., \$7.00. **SACKS FREE.**

Special Prices on Larger Quantities of Oats on Application.

SORGHUM, OR SUGAR CANE.

SUBJECT TO MARKET CHANGES.

Sorghum is being used extensively as a green food for cattle, horses and mules; it is a sure crop, being a great drought resistor; an immense yielder, producing many tons of most nutritious green food to the acre. Specially fine food for milch cows when pasture is short.

Early Orange Cane—A strong grower; much more juicy than any other variety. The stalk is heavier, and a little later than the Amber. **POSTPAID**—Oz., 10c.; ½ lb., 15c.; lb., 30c.; 3 lbs., 75c. BY EXPRESS OR FREIGHT—10 lbs., 50c.; 50 lbs., \$1.50; 100 lbs., \$2.50.

Early Amber Cane—This popular and well-known variety is the earliest and makes the finest quality of both sugar and syrup. **POSTPAID**—Oz., 10c.; lb., 30c.; 3 lbs., 75c. BY EXPRESS OR FREIGHT—10 lbs., 50c.; 50 lbs., \$1.50; 100 lbs., \$2.50.

Write for Prices on Larger Quantities.

TEOSINTE.

A most prolific forage plant. Resembles Indian Corn, but the leaves are much longer and broader. The stalk is very nutritious. It can be cut several times during the season, yielding enormously. One seed will sometimes produce 20 to 60 shoots. Should not be planted until the soil is perfectly warm. Four pounds sufficient for an acre. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.25,



THE NEW Early Ripe Oats FOR 1899.

This grand new Oats, introduced this season for the first time, is an oats of medium length straw, stands up well, grain white, medium size, and a good yielder. Is not a side oats, as can be seen by the above illustration which is an actual reproduction from a photograph. **Extreme earliness is its very strong point**, as the grower can cut his wheat and oats at the same time, going from the wheat field to the oats, and thus harvest and thresh both at once, which to most farmers is a desirable condition.

Mr. F. C. Wetherby, an up-to-date farmer near this city, who has grown this oats for three or four years, has always cut his crop from the 1st to the 4th day of July.

We have known this oats for several years, and tried it in various localities in order to satisfy ourselves of its merits before introducing it. We give it our indorsement with full confidence that it will prove satisfactory to every grower who tries it and desires a profitable early variety. Our stock is very limited, and when exhausted we can not procure more this season. We will fill orders as long as the stock lasts at the following prices:

Price, (postpaid)—Large packet, 10c.; lb., 40c.; 3 lbs., \$1.00. BY EXPRESS OR FREIGHT—Peck, 40c.; ½ bus., 75c.; bus. (32 lbs.), \$1.40; 4 bus., \$5.00. **SACKS FREE.**

NOTE.—We do not care to furnish more than 4 bushels of **EARLY RIPE OATS** to any one person as we wish to disseminate it as much as possible this season, for we know this will insure a large demand for it another season, when we will arrange to have a large stock. **Order early that you may make sure of getting it.**

Our Seed Oats are Well Fanned and Well Cleaned.

NEW BEARDESS BARLEY, "SUCCESS."

"Success Barley," the earliest barley known, if sown about the 20th of March will ripen about the 28th of June. The straw is about the height of the common barley, but better, and will stand up on any land; with good land and season has produced 80 bushels per acre. The straw can hold it up. Sow as early as you can; from about August it. This barley has remained on land from harvest until spring and grew the next season. It will, if sown early, head two or three days later than winter rye, and ripen four or five days before the rye, and be beardless hands as early as oats and make a better crop.

Price, (POSTPAID)—Lb., 25c.; 3 lbs., 60c. BY EXPRESS OR FREIGHT—Peck, 40c.; bus., \$1.25.

MAMMOTH RUSSIAN SUNFLOWER

Grows to double the size of the common Sunflower, and the yield of seed is twice as great. One hundred and twenty-five bushels to the acre have been grown at less expense than corn. Very highly recommended for poultry; the best egg producing food grown. The seed is good feed for horses. BY MAIL, (POSTPAID)—Oz., 5c.; $\frac{1}{2}$ lb., 15c.; lb., 25c. BY EXPRESS OR FREIGHT—4 qts., 50c.; peck, 40c.; bus., \$3.00. 25 lbs., \$2.00; 100 lbs., \$6.00.

MAMMOTH RUSSIAN SUNFLOWER.

SPRING VETCHES, OR TARES—A good forage plant; also used for plowing under. Sow two bushels to the acre, broadcast like wheat or barley. Used in France and Canada as a substitute for peas; also ground into flour and mixed with wheat flour for making bread. POSTPAID—Lb., 25c. BY EXPRESS—4 qts., 50c.; peck, 40c.; bus., \$3.00.

KAFFIR CORN—One of the best things offered of late years for a forage plant. The heads contain small white seeds which make an excellent flour. They are greedily eaten by horses and cattle, and make splendid food for poultry, fed either in the grain or ground and cooked. The foliage and stalks make excellent forage. Cultivate the same as common corn, requiring 4 or 5 pounds of seed per acre. BY MAIL, (POSTPAID)—Oz., 5c.; $\frac{1}{2}$ lb., 15c.; lb., 20c.; 3 lbs., 50c. BY EXPRESS—10 lbs., 60c.; 50 lbs., \$2.00.

WILD RICE (Zanzania Aquatic)—For planting in fish ponds it is desirable, and as an attraction for wild fowl it cannot be equalled. Also does well along the edge of marshes and makes fair hay. Sow in the fall or very early spring. Will grow in water 8 feet deep. BY MAIL, (POSTPAID)—Large packet, 10c.; $\frac{1}{2}$ lb., 15c.; lb., 30c. BY EXPRESS—10 lbs., \$2.50; 20 lbs. (1 bushel), \$4.00.

CHUFAS, OR EARTH ALMONDS—A species of "grass nut" (*Cyperus Esculentus*) much 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. One peck of seed per acre. POSTPAID—Pkt., 10c.; quart, 35c. BY EXPRESS—Quart, 30c.; peck, \$1.50; bus., \$4.50.

THE HAIRY VETCH. (Vicia Villosa—"Sandwicken.")

The most valuable of all the Vetches. It succeeds on all soils, and does not suffer from extremes of drouth, heat or cold. Sown in August or September, it will cover the ground with a dense mat of forage, which in the Southern States, with a few judicious pastures throughout the entire winter. In the Northern States it remains green all winter under the snow, and is invaluable for early pasturing or soiling. In the Southern States where the Crimson Clover does not thrive, and in the Northern States where clover is winter-killed, the value of the Hairy Vetch is inestimable. Sown in spring, it quickly produces a most luxuriant crop. Sow 40 to 50 lbs. per acre. POSTPAID—Pkt. 10c.; lb., 25c. BY EXPRESS OR FREIGHT—Bus. of 60 lbs., \$4.00.

RAPE.

DWARF ESSEY—This plant is extensively grown for forage, especially for sheep and for green manure, for which purpose there is perhaps no plant better adapted where a quick, RANK growth is desired. Farmers who raise much stock and desire to get young cattle, sheep or lambs into favorable condition to be sold advantageously in the fall, can do it most cheaply by growing this Rape. Prepare the ground as for turnips and sow in June or July, with a turnip drill in rows $2\frac{1}{2}$ feet apart at the rate of $2\frac{1}{2}$ pounds of seed per acre, or may be sown broadcast at the rate of 5 pounds per acre. Our stock is the TRUE ESSEY DWARF, and not the worthless annual. POSTPAID—Oz., 10c.; $\frac{1}{2}$ lb., 15c.; lb., 30c. BY FREIGHT OR EXPRESS—10 lbs., \$1.00; 50 lbs., \$4.50; 100 lbs., \$8.00.

BROOM CORN.

IMPROVED EVERGREEN—The best variety for general cultivation, on an account of color and quality of brush; ripens very early, grows about eight to ten feet high, brush of good length, fine and straight, and always of green appearance when ripe. POSTPAID—Lb., 25c.; 3 lbs., 60c. BY EXPRESS OR FREIGHT—10 lbs., 75c.; 25 lbs., \$1.25; 100 lbs., \$3.50.

Winter and Spring Wheat, Rye and Barley.

Prices on Application in season on several good kinds in any Quantity.

BUCKWHEAT.

Should be sown about the middle of June, broadcast, using from one to three pecks of seed to the acre.

NEW JAPANESE—This new sort has proven to be much earlier and more productive than any other variety. Grains very large and of a rich brown color. It excels all in yield and earliness. POSTPAID—Lb., 25c.; 3 lbs., 60c. BY EXPRESS OR FREIGHT—Peck, 40c.; bus., \$1.25.

SILVER HULL—A very good and popular variety. The grain is of a light gray color, is rounder than the common variety, has a much thinner husk, matures earlier, and yields a half more to the acre. POSTPAID—Lb., 25c.; 3 lbs., 60c. BY EXPRESS OR FREIGHT—Pk. 40c.; bus., \$1.25.

PRICES ON LARGER LOTS ON APPLICATION.

FIELD PEAS.

CANADA FIELD PEAS—Valuable for Northern climates for cattle-feeding; and when sown with oats are an excellent hog feed. Used as feed for pigeons, etc., and for green soiling. POSTPAID—Quart, 30c. BY EXPRESS OR FREIGHT—Peck, 40c.; bus., \$1.35.

SPECIAL PRICE ON LARGER QUANTITIES.

COW, or SOUTHERN PEAS.

Saves Fertilizer Bills and Improves the Condition of Soil Wherever Sown. Also Makes a Splendid and Nutritious Green Forage or Hay Crop.

There is no surer or cheaper means of improving and increasing the productivity of our soils than by sowing the Cow Pea. It makes an enormous growth, enabling the farmer to put plenty of nitrogenous vegetable matter into the soil at a small cost, and so very largely enables him to dispense with the use of nitrogenous fertilizers. The Cow Pea, to a greater extent than other leguminous crops, has the power to extract this costly nitrogen from the atmosphere and to store the same in the vines and roots so that if the crop is cut off, the land is still enriched and its condition improved. From 5 to 9 tons of green fodder per acre have been produced by the Cow Pea. To grow for hay, they are most valuable, as they yield an immense quantity of feed of the best quality. The bacon made from hogs fed on the dry peas is much sweeter and more solid, and the fat will not run out in cooking nearly so much as when fed on corn. For ensilage they are unsurpassed. When it is desired to turn the whole crop under, as a soil improver, it is better to do so after the vines are partly dead. A good picking of the dried peas can be made before plowing under, if desired. Cow Peas can be sown in May or June, at the rate of 1 to $1\frac{1}{2}$ bushels per acre.

BLACK COW PEAS—This variety is quick to mature, and well adapted for late planting and Northern sections; it is a vigorous grower and great yielder. Peck, 50c. BUSHEL AT MARKET PRICE.

WHIPPOORWILL COW PEAS—An early bunch growing variety; a great favorite in the North and West; quite prolific. Peck, 50c. BUSHEL AT MARKET PRICE.

BLACK-EYE COW PEAS—A prolific vine-growing variety of merit. Seed often sold for table use. Peck, 50c. BUSHEL AT MARKET PRICE.

PEANUTS.

VIRGINIA IMPROVED—The Mammoth Virginia Peanut is a very profitable variety to grow, and more desirable than the common spreading kind. It is easily cultivated, and very erect stems; upright foliage; large pods and kernels; fruit quite palatable. It also yields fewer imperfect pods. The vines make a valuable forage for stock. BY MAIL, (POSTPAID)—Large package, 10c.; $\frac{1}{2}$ lb., 20c.; lb., 35c.; 3 lbs., \$1.00. BY EXPRESS—4 lbs., 50c.; 10 lbs., or over, 10c. per pound.

SPANISH PEANUT—The Earliest Variety Grown—Pods small, but remarkably solid and well filled, and the yield per acre very large; can be cultivated with the potato. Because of their early habit and easy cultivation it is the best variety to grow for fattening hogs. POSTPAID—Large package, 10c.; $\frac{1}{2}$ lb., 20c.; lb., 35c.; 3 lbs., \$1.00. BY EXPRESS—4 lbs., 50c.; 10 lbs., or over, 10c. per pound.

TREE SEEDS.

OSAGE ORANGE—The best of all hedge plants. POSTPAID—Oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 50c. Special price on application in quantity.

Plants in Season—See page 63.

CATALPA (Speciosa)—The hardy Western variety largely planted. A rapid grower and makes the best timber trees. POSTPAID—Pkt., 5c.; Oz., 10c.; $\frac{1}{2}$ lb., 25c.; lb., 65c.

RUSSIAN MULBERRY—Planted for silk culture; easily grown; hardy; fine hedge; fruit quite palatable. Tree makes fence posts in five years, and fine lumber. Pkt., 10c.; oz., 20c.; $\frac{1}{2}$ lb., 60c.; lb., \$2.00.

PRICES ON OTHER TREE SEEDS GIVEN ON APPLICATION.

Recleaned Grass and Clover Seeds.

CUSTOMERS understand that prices on Grass and Clover Seeds are changing (almost daily), and that we can only give prices subject to market fluctuations. Bags are included at the prices here given. Those wanting Seeds in larger quantity than here quoted should write for special prices. **OUR SINGLE POUND PRICES INCLUDE POSTAGE PAID BY US.** Please bear this in mind when comparing our prices with others who require you to add postage to their quotations.

Kentucky Blue Grass —(June Grass)— <i>Poa pra-Lb.</i> 10 lbs. 100 lbs. <i>tensis</i> —Universally known; desirable for pastures and lawns. Sow in fall or spring at the rate of 2 to 3 bushels per acre. Fancy clean seed. (Bus. 14 lbs.) 30 \$1 65 \$11 00
Orchard Grass — <i>Dactylis glomerata</i> —Extremely hardy and widely known. One of the earliest to start in spring; grows rapidly and furnishes an abundance of pasture during the entire season. 1½ to 2 bushels per acre. (Bus. 14 lbs.) 30 1 45 12 00
Red Top Grass —(Prime)— <i>Agrostis spargan-</i> <i>Thripes</i> well almost any soil, but best in low land, and produces a very firm sod. Sow 1 to 2 bushels per acre. Fancy clean. (Bus., 14 lbs.) 25 1 80 12 00
Timothy —(<i>Phleum pratense</i>)—A well known variety. When ready to buy write us for latest prices, whether you want a bag or carload. (Bus., 45 lbs.) Prime seed 20 50 4 00 Choice 20 65 4 50
Wood Meadow Grass —(<i>Poa scnoroides</i>)—Adapted for pasture or pleasure grounds; of early growth; thrives well under mowers. Sow 2 bushels per acre. (Bus., 14 lbs.) 45 4 00 30 00
Rhode Island Bent Grass —(<i>Agrostis cincta</i>)—A valuable grass for lawns. Sow 3 or 4 bushels to the acre for lawns; for pasture, 1½ to 3 bushels. (Bus., 12 lbs.) 35 2 50 20 00
Tall Meadow Out Grass —(<i>Artemisia elation</i>)—Used for soiling. It succeeds well in sandy lands, and, owing to its long, fibrous roots, stands cold and drought well. Sow 3 bus. per acre. (Bus., 10 lbs.) 35 2 25 20 00

Johnson Grass —(<i>Sorghum halapense</i>)—A large, Lb. 10 lbs. 100 lbs. strong-growing grass. Succeeds well in the South. Good for hay or pasture; stands drought well. Sweet 3 bushels per acre. (Bus., 25 lbs.) 25 1 50 12 00
Sweet Vernal —(<i>Anthraxanthum odoratum</i>)—Is very fragrant, especially when bruised or cut. Mixed with other grasses for pasture it is quite valuable, as it starts early in spring and grows until late in the fall. (Bus., 10 lbs.) 60 5 00 45 00
Perennial Ryegrass —(<i>Lolium perenne</i>)—Very nutritious and valuable grass for meadows and permanent pastures; rapid grower, and the most prominent grass in England. 1 to 1½ bushels to the acre. (Bus., 24 lbs.) 25 1 00 8 00
Meadow Fescue —(<i>Festuca pratensis</i>)—Thrives in all soils; excellent for permanent pastures; starts early; very productive. Sow 1½ to 2 bushels per acre. (Bus., 24 lbs.) 25 1 25 11 00
Sheep's Fescue —(<i>Festuca ovina</i>)—Grows naturally on light, dry, sandy soils and mountain pastures. Is considered quite valuable as a mixture with other grasses for permanent early spring pasture. (Bus., about 12 lbs.) 25 1 75 15 00
Hard Fescue —(<i>Festuca duriuscula</i>)—Not very productive, but it is of a very fine quality, and thrives well in dry situations, where many other grasses would fail, thus making it a desirable pasture variety. (Bus., about 12 lbs.) 25 1 75 15 00

Write for Special Prices on Grass Seeds before you buy in either fall or spring. Also for Prices of other Grasses not mentioned above.

CLOVERS

Parties wishing to buy in large quantities will do well to get samples and prices before placing their orders. We are in position to handle it on a close margin and supply the finest grades.

The Prices here given are subject to Market Change without notice. Samples free on application.

Medium, or Common Red —(<i>Trifolium Pratense</i>)—Lb. 10 lbs. 100 lbs. The Clover Seed of Commerce, and the most important and valuable of the Clover family for agricultural purposes. Sow 15 lbs. to the acre. (Bus., 60 lbs.) 30 \$1 30 \$10 00
Alsike, or Hybrid Swedish —(<i>Trifolium Hybridum</i>)—The most hardy of all clovers; perennial. On rich, moist soils it yields an enormous quantity of hay or pasture, but its greatest value is for soiling with other clover and grasses, as it forms a thick bottom; has fibrous roots like white clover. Estimated highly by the Bee Keeper. 30 1 40 11 00
Mammoth Clover —(<i>Trifolium Pratense Perenne</i>)—Valuable with other grasses for mixed hay; ripens about with Timothy. Being a rank grower it is largely used for plowing under as a fertilizer. 30 1 00 7 50
White Dutch —(<i>Trifolium Repense</i>)—Grows naturally in pastures of all grades and in various situations; indispensable in parks and lawns. 45 2 50 20 00
CRIMSON, or SCARLET ITALIAN —(<i>Trifolium incarnatum</i>) This wonderful Forage Plant, more commonly called Scarlet, is a great nitrogen gatherer, makes a growth of from 2 to 30 inches high, has a bright crimson blossom from 1½ to 3 inches long, and when in full bloom is a thing of beauty. Being an annual it must be sown in July, August and September of each year, from the first of the spring following can be cut for soiling, by the 20th of April; for ensilage and hay by the 1st to the 15th of May in this latitude, and for seed crop about the first week of June. Will produce 1½ to 2½ tons per acre, and 2 to 12 bushels of seed per acre. It can be sown in corn, or any cultivated crop, also with buckwheat. It has been shown to keep down weeds and to be following can be cut for soiling with most excellent results. When sown in July and August it furnishes excellent pasture in November and December. Ten to fifteen pounds are necessary to seed an acre properly, and after sowing the seed it should always be covered by harrowing with a light harrow; and be sure to use only American grass seed. (Bus., 60 lbs.) 30 1 00 7 00



CRIMSON CLOVER.

MILLETS.

Prices subject to Market Change.

CERMAN, or COLDEN MILLET —True Southern Crown Cerman Millet Seed is far superior, both in quality and yield of product, to Western grown seed. The True Southern Cerman Millet will grow in any climate or soil, and when properly grown and handled makes an enormous yield of most nutritious feed, and that without impoverishing the soil to any great extent. To get these results, however, the seed must be sown thickly, not less than one bushel per acre, at any time between May 1st, and July 15th, and the crop cut in eight to ten weeks, while it is upon, before the seed hardens in the head. Managed in this way it will prove a most satisfactory and profitable forage and summer hay crop much valued by stock raisers. Cures easily will withstand more abuse when stacked than any other hay. We have known stacks that have stood out three or four weeks, while it lay upon, bright and good. Prepare the ground well before sowing the seed. Cover only slightly, single stroke of a light harrow, or roll without harrowing, or it may be sown with wheat drill, setting drill to barely cut the seed. Pound, 25c.; 10 pounds, 50c.; 100 pounds, \$3.00.
Hungarian Grass —A very valuable forage plant of the millet family, but not so coarse. Sown and cultivated the same as millet, and quite a favorite with Stockmen. Pound, 30c.; 10 pounds, 50c.; 100 pounds, \$3.00.
Western Crown Millet Market Price.



Head of Millet from Southern Crown Seed.

Special Descriptions of all Grasses Mailed on Application.

LIVINGSTON'S LAWN SEED FOR ALL PURPOSES.

A beautiful lawn is one of the most pleasing features connected with the country or suburban home, and when once made, will last for years if the right material is used and the work properly done.

The first steps necessary are *proper drainage* and a *careful preparation* of the soil. Then comes *GOOD SEED*, *proper time of sowing*, *quantity used*, *careful watering*, &c.

In making a new lawn, the soil should be carefully cultivated to the depth of about one foot, carefully graded to the desired level and well rolled, after which a light raking will prepare it properly for the reception of the seed. The soil should be good but not made too rich, as the grass is apt to grow over rank in such soil. The ground may be prepared as early in the spring as it is possible to work the same, or, what would be better, prepared in the fall and the seed sown in the spring as early as the ground can be got in good order. *Never sow oats or other grains with lawn seed.* Strong growing plants are more of a detriment than a benefit to weak plants.

When the grass is ready for its first cutting, give the lawn a good rolling two or three days ahead, choosing damp weather, or the cool of the day, and if possible, mow with a sharp scythe rather than with the lawn mower for this first cutting; after that, the lawn mower may be used, setting the mower as high as possible, not cutting too close to the ground until the lawn is well established; about once a week in favorable growing weather is often enough, but not so often in dry weather. Use the lawn sprinkler or hose freely and roll occasionally, especially

in early spring after the frost comes out of the ground and before it settles or becomes hard with spring rains.

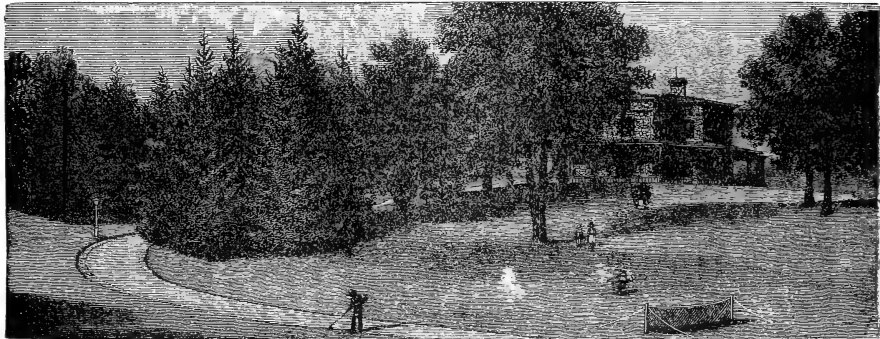
Remember that it is essential to dig the soil deep and prepare thoroughly, sow high grade seed liberally at the right time, and not less than four bushels to the acre.

Old Lawns are greatly benefited if given a thorough raking as early in the spring as the weather will permit, and then some fresh seed sprinkled on, which will renew the thin places and spots that have been killed out by weeds and other causes.

Time to Sow. Lawn Seed can be sown at almost any time from early spring to late in the fall, but the best time is very early in the spring, or about September 1st, depending somewhat on the condition of the season at the time of sowing.

For Grassing a Terrace. We can do no better than recommend the old and tried receipt, as follows: Take for each square rod a pound of lawn-grass seed, and mix it with about six cubic feet of good, dry garden loam. Place it in a tub and add liquid manure, diluted with about two-thirds water, until the mixture has the consistency of mortar. Make the slope perfectly even and smooth, water it well, then apply the paste in a thin, even coat.

Our mixtures are composed of the best seeds procurable and are as free as it is possible to make them from weeds. The seeds of our mixtures are *tested for vitality* before mixing.



LIVINGSTON'S LAWN SEED MIXTURE.

We have made the subject of Lawns a study for many years and this mixture has been prepared and sold by us in all parts of the country, giving general satisfaction.

In making a lawn great care should be taken to use only the very best quality of pure lawn seed so as to produce a *SOFT, VELVETY, EVER-GREEN SOD*, that will withstand cutting and heat of summer, and the severe cold of winter. It is not made of annual grasses for a *quick show*, or of the chaffy, light-weight seeds, sold by some seedsmen at cheap prices. **Our mixture weighs about 20 pounds** to the measured bushel and is not surpassed by any of the celebrated brands in this country.

QUANTITY OF SEED REQUIRED TO SOW AN ACRE (43,560 sq. ft.)—For new lawns, not less than four bushels; for renovating old lawns, from one to two bushels.

For a pound of our mixture will sow about 500 square feet.

PRICES: FIRST QUALITY, per lb., 25c.; 5 lbs., \$1.00; 1 bu., \$3.50; 2 bu., \$6.50; 5 bu., \$15.00.

SECOND QUALITY, per lb., 20c.; 3 lbs., 50c.; 1 bu., \$3.00; 2 bu., \$5.50; 5 bu., \$12.00.

If to go by mail, add to the above prices 10c. per lb., for postage.

Livingston's Lawn Seed Mixture can be had with or without White Clover, as customers prefer.

OUR LAWN GRASS MIXTURE FOR SHADY SITUATIONS.

On nearly all lawns there are shaded bare and unsightly spots on which the owners have difficulty in getting a stand of grass; for such places this mixture is adapted. It is composed of dwarf-growing grasses which are found naturally growing in such places. Shaded ground has become "sour," or drainage defective, it is apt to be covered with moss. If such is the case apply some lime or laud plaster to sweeten it after first removing the moss, then rake thoroughly and sow the seed at the rate of not less than four bushels per acre.

PRICE—Lb., 40c.; 5 lbs., \$1.75; \$3.50.

If to go by mail, add to the above price 10c. per lb. for postage.

Our Grass Mixture for Tennis Lawn, Croquet Grounds, Etc.

A mixture composed of low-growing, hardy grasses suitable for grounds of this character.

PRICE—Lb., 40c.; 5 lbs., \$1.75; bus., \$6.50.

If to go by mail, add to the above price 10c. per lb. for postage.

KENTUCKY BLUE GRASS

Many prefer plain Blue Grass to a mixture, and it cannot be denied that it produces a beautiful and lasting lawn. It takes longer, however, to get it established.

PRICE (Fineancy seed)—Lb., 30c.; 3 lbs., 60c.; bus. 14 lb., \$2.00

If to go by mail, add to the above price 10c. per lb. for postage.

LAWN FERTILIZER.

Old and New Lawns require stimulating after the long drag through the winter, or in the fall after the season of cutting and the heat of summer. For this purpose we furnish a superior grade of bone meal which we have found, after years of experience and tests, to be the best adapted to the wants of the lawn, the finer particles being a ready supply of available food for immediate use, while the coarser particles are broken down by the elements and taken up later on, giving a very lasting effect. By using this dressing all unsightliness and disagreeable odors are avoided. No weed seeds will fill your lawn as they frequently do when stable dressing is used. It should be sown broadcast, from the middle of February to the first of May, at the rate of 600 to 800 pounds to the acre, according to the condition of the lawn. In preparing a new lawn use a liberal quantity and rake it thoroughly before sowing the seed.

100 pound Bag, enough for 2,500 Square Feet..... \$2 00

50 pound Bag, enough for 1,250 Square Feet..... 1 50

25 pound Bag, enough for 600 Square Feet..... 1 00

10 pound Bag..... 50

CANTON, OHIO.

GENTLEMEN: I bought over \$50.00 worth of Lawn Grass Seed and also my garden seed of you. I find your seed the *trust and the best*. You may expect my future orders.

Yours, very respectfully,

T. M. REED, Supt. of Public Parks.

SEED CORN.

The varieties of Field Corn we offer below are the best now in general use. They were grown especially for seed purposes, and are all well matured, cured, and shelled with great care. Test all varieties before sowing out, that there may be no doubt as to vitality if properly planted and the conditions are favorable. **TO AVOID DELAY** when ordering **LATE** in the season, it would be well to mention your **SECOND CHOICE**, or state whether we shall send a sort adapted to your locality or refund the money, provided we are sold out of your **FIRST CHOICE** at the time your order arrives.

☛ It only costs about 20 cents an acre to use our Carefully Selected and Tested Seed Corn. Is it wise to risk doubtful corn from the crib? ☛

Price Of any of the following varieties of Field Corn. By Mail, postpaid—Sample Ear, 25c.; large packet, 5c.; quart, 30c. By Express or Freight, (at buyer's expense), 6 Select Ears, 25c.; quart, 15c.; peck, 40c.; bus., \$1.25; 5 bus., \$5.00; 10 bus., \$9.00. Sacks Free.

TRUE CLARAGE YELLOW FIELD CORN.

BEST SECOND EARLY. SURE TO RIPEN.

It has been grown extensively by farmers in this locality for over fifty years. It ripens between the Pride of the North and Leaming. The ear is nearly as large as the leaming, very uniform in entire length, and well filled out at both ends; husks very easily; of rich golden color, and very productive. In favorable seasons it has ripened here when planted as late as the first of July. Highly recommended by Ohio Experiment Station as **one of the best** in points of **early maturity and productiveness.**

MAMMOTH WHITE DENT.

This is a large eared variety, combining all the good points required in corn growing sections South of the 40th parallel. It has a broad, very deep, pure white kernel and cob—in fact a stray red cob will hardly be found in a thousand bushels; grades "strictly white" in any market. It is very desirable for white corn meal, and those desiring a large white corn cannot fail to be pleased with it.

PRIDE OF THE NORTH—The very earliest Yellow Dent Corn in cultivation, and can be successfully grown farther North than any other Dent. It originated in extreme Northern Iowa over ten years ago. Ripens readily in New England. Matures perfectly in 90 days; it is very hardy and prolific; ears uniform, of good size, cob small, kernels closely set on the cob, and are long and compact.

EARLY WHITE DAWN—An excellent White Dent variety, with bright, solid, glossy white kernel; small red cob; stalks often bear two good ears; grains grow well over tips of cobs; matures in 90 to 100 days. A good yielder, adapted to all corn growing localities, and gives universal satisfaction; excellent for any soil and gives better yield on clay land than any of the yellow kinds.

TRUE YELLOW LEAMING—An extensively grown large Yellow Dent variety. The Seed we offer is True Leaming. Has pure glossy yellow ears growing low on a strong, heavy stalk; the grains are square and deep; ripens quite early, frequently maturing in one hundred days from planting; will yield, on good soil, with proper tillage and favorable seasons, from 75 to 100 bushels per acre.

EARLY MASTODON—A new Early Dent variety originated in Northern Ohio. The ear is **extra large**, with large deep grains; it grows strong, rank, quick, and makes fine appearing shelled corn—two shades of white and yellow.

WHITE CAP YELLOW DENT—This is a corn of great merit. It is suitable for all soils, grows large ears and matures early. It grows strong, rank and thick, and, it is claimed, will produce more corn on poor, thin soil, than any kind now in cultivation. It will be appreciated by those living in drouth sections, while on strong, rich soil it has no superior. The tip end of the grains are white, inside yellow, making it a beautiful color. Large growers in the corn belt, as well as those out of it, will be pleased with this corn.

FODDER AND ENSILAGE CORNS.

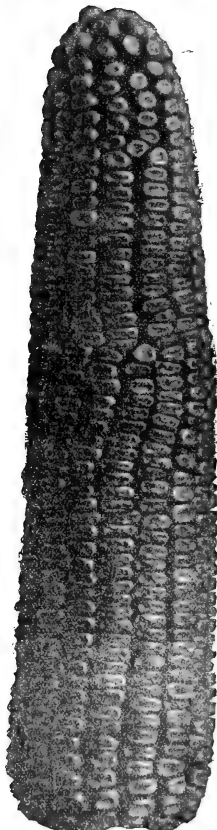
BY EXPRESS OR FREIGHT AT BUYER'S EXPENSE.

EVERGREEN SUCAR—There is nothing better for early fall green feed, or for curing for winter than Sweet Corn. It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves, and consequently none is wasted. A favorite with dairy farmers. Also excellent for siloing. Can be planted as other corn or sown thickly in drills or broadcast. Peck, 50c.; 1/2 bu., 75c.; 1 bus., \$1.40; 2 1/2 bus., \$3.00; 2 bags, \$5.50; 4 bags, \$10.00.

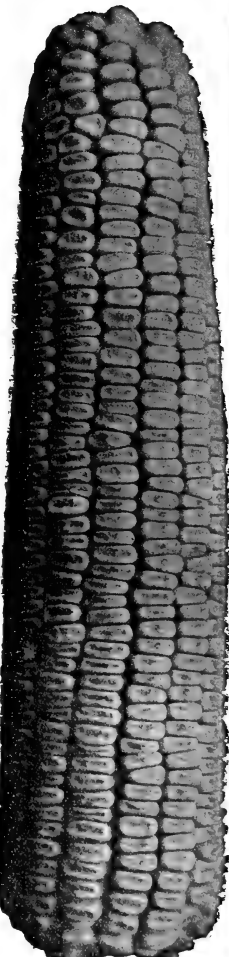
RED COB ENSILAGE—A Southern type of large white corn with red cob, strong, leafy stalks and short joints; a general favorite. Peck, 35c.; bus., \$1.10; 2 bus., \$2.00; 5 bus., \$4.75; 10 bus., \$9.00.

POP CORN. WHITE RICE—The best variety for popping purposes; the grain is pointed, pops white and full, is very productive, and of excellent quality. By Mail, (postpaid), 2 Nice Sample Ears, 10c. pkt., 5c.; 1/2 lb., 15c.; 1 lb., 25c.; 3 lbs., 60c. By Express, (not paid) 10 lbs. for 60c.; 40 lbs. for \$2.00.

If you need a Larger Quantity of any of these Corns, write us for Lowest Prices and Freight Rates.



TRUE CLARAGE YELLOW.



MAMMOTH WHITE DENT.

SUPERIOR SEED POTATOES.

IT PAYS TO CHANGE SEED EVERY YEAR.

The necessity for changing Potato Seed often is universally admitted by all well posted growers, but too seldom practiced, especially when the best seed can be had at so little additional outlay. About eight bushels will seed an acre and at 25c. to 50c. per bushel additional cost the whole outlay would be \$2.00 to \$4.00, with an increase in the crop of at least 25 per cent. By using our **Northern Grown Seed** you are assured of early maturity, increased yield and a vigorous growth. Our growers in Michigan are Potato Specialists, and have grown for us for years, and the growth and extent of our potato trade is the result mostly of the growers' painstaking care and general knowledge in growing and selecting the seed stock with which to grow the crop. To grow healthy stock, they use first-class potato land, nothing but pure, well matured, good-sized seed, treating the seed and spraying the foliage when necessary. Fighting bugs and blight from start to finish, because potatoes fit for seed cannot be produced from unhealthy or injured foliage. The potatoes are very carefully handled when digging and barreling, that they may not be bruised or otherwise injured.

Early Orders. Everything points in the direction of a lively demand for Choice Seed Potatoes the coming season, and, while we have a good stock in store at present, we would advise customers to send in orders early.

Any purchaser of a Barrel or more Potatoes at prices quoted, may order any ONE of the following articles and it will be sent with Potatoes FREE OF CHARGE.

1. A CONCAVE POTATO KNIFE.
2. "THE NEW POTATO CULTURE." By E. S. CARMAN.
3. A PACKET OF POTATO SEED.

Our Prices. The following prices are about what we think will rule for GOOD, STRAIGHT, MIXED STOCK for the coming season's planting, but if you receive lower quotations before placing your order, write us (it costs but a trifle), stating what you want, and we will bid for your order.

YOU MAY SAVE DOLLARS, for we are usually in a position to meet, and frequently do better than many other firms when we are given an opportunity. We do not care to compete with irresponsible houses, who frequently do not know one Potato from another.

BUYERS OF LARGE QUANTITIES are requested to write us stating what they desire, and we will endeavor to make prices that will result in trade.

SPECIAL INSTRUCTIONS.

We will book orders at the following prices as long as our present stock lasts, no matter if there should be an advance in the market. We fill orders just as soon as the weather, in our judgment, will permit. However, we cannot become responsible for changes in the weather by which they might become damaged while en route. We will ship at any time when requested to do so, regardless of weather, if customers wish to take their own risk. When customers request it we pack a barrel of two or three kinds without extra charge. **WHEN ORDERING LATE,** please state whether we shall return the money or send some other kind of equal value, providing we cannot supply the sort you order.

POTATOES BY EXPRESS OR FREIGHT, at barrel, bushel, peck and half-peck prices. The buyer pays the freight or express charges. Our barrels contain two and three-fourths (2 $\frac{3}{4}$) bushels, Good Measure.

ALL TRANSPORTATION CHARGES MUST BE PAID BY THE BUYER.
NO POTATOES SENT C. O. D.

Potatoes by Mail, Postpaid. Prices for small quantities of any of the following varieties, unless otherwise quoted—1 lb., 25c.; 3 lb., 60c.

THREE DOZEN EYES FOR 25 CENTS, POSTPAID.

Please give Plain

Shipping Directions



MOST PROFITABLE FOR EARLY MARKET.

LIVINGSTON'S EXTRA EARLY OHIO POTATOES.

Some early kinds will give edible potatoes about as early, but their tops will be green for days after the Extra Early Ohio's have ripened. It is two weeks ahead of the Early Rose, and is a special favorite with farmers and marketmen, and the most profitable potato they can possibly grow. The sprouts are very strong, the vines grow erect, and are easy to cultivate; maturing early, brings the highest prices, and the land can be used for other crops; does well on any soil suitable for potatoes. The tubers grow compact in the hill, are easily dug, very few small ones—nearly every one marketable size; few eyes which are even with the surface. They keep firm until late in the spring. With heavy manuring, close planting (they can be planted almost a half closer than most other kinds on account of their upright growing tops), and good culture, a very large and profitable yield can be expected; 300 to 500 bushels per acre is not an unusual yield. This is our speciality in standard early varieties, and we have for years taken great pains to keep the stock pure and up to its original standard, but we are confident that many do not know a true Early Ohio, and have grown some other sort for it, having been deceived in the purchase of the seed. We know ours are right, because the stock is the product of original headquarters seed.

Special Prices for Larger Quantities on Application. We furnish Car Lots if desired.

We offer **CHOICE HAND SORTED STOCK** at the following very reasonable Prices:

Michigan Grown Stock.

$\frac{1}{2}$ peck, 25c.; peck, 40c.; bus., \$1.50; bbl., \$4.00; 5 bbls., \$18.00; 10 bbls., \$35.00.

Ohio Grown Stock.

$\frac{1}{2}$ peck, 20c.; peck, 35c.; bus., \$1.25; bbl., \$3.50; 5 bbls., \$17.00; 10 bbls., \$32.00.

LIVINGSTON'S BANNER POTATO.

Handsome in Appearance, Immense Yield,
Desirable Size, Superior Table Quality.
Grandest introduction in 30 Years.

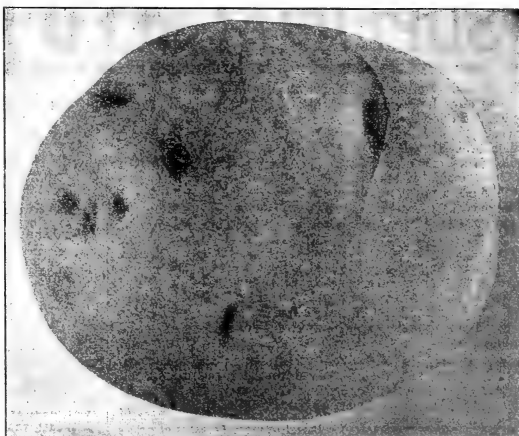
Origin.—The Banner is a new seedling, and not an old sort renamed, as many SAID-TO-BE new ones are. The seed of the ball was sown in the spring of 1881 by one of our Central Ohio growers, and was carefully grown and selected until we introduced it to the public in the spring of 1891, claiming it would at once become the finest Main Crop Potato on the market, and probably no variety ever introduced has made as good a record in so short a time with all classes of growers on all kinds of soil. None surpass it in UNIFORM HANDSOME APPEARANCE. Its slight russeted skin is of a light cream white color. Its SHAPE is a little oblong and slightly flattened (cooking through easily). THE EYES are very shallow. THE SIZE IS LARGE and desirable, very few under market size. Always smooth and regular in form; strong and vigorous from the very sprout. A GREAT DROUGHT RESISTER. As near blight and scab proof as any. THE FLESH is very white, and whether boiled or baked has the same fine table qualities, always cooking dry and floury. A medium late variety. **Choice Sorted Michigan Stock**— $\frac{1}{2}$ pk. 25c.; pk. 40c.; bus. \$1.40; bbl. \$3.50; 5 bbls. \$16.00; 10 bbls. \$30.00.

S. EDSON, Oceana Co. Mich. "Banner took First Premium at our Fair. They are the handsomest and best yielders I ever raised."

R. B. NOEL, Lafayette Co. Mo. "I raised 107 bushels of Banner Potatoes from the barrel ordered of you last spring."

GEO. GEIER, Spokane Co., Wash. "I had twelve varieties of potatoes planted last year. The Banner is the best of them all."

JOHN L. WILSON, Weber Co., Utah. "From one bushel of Livingston's Banner, last season, I raised 40 bushels of the finest potatoes."



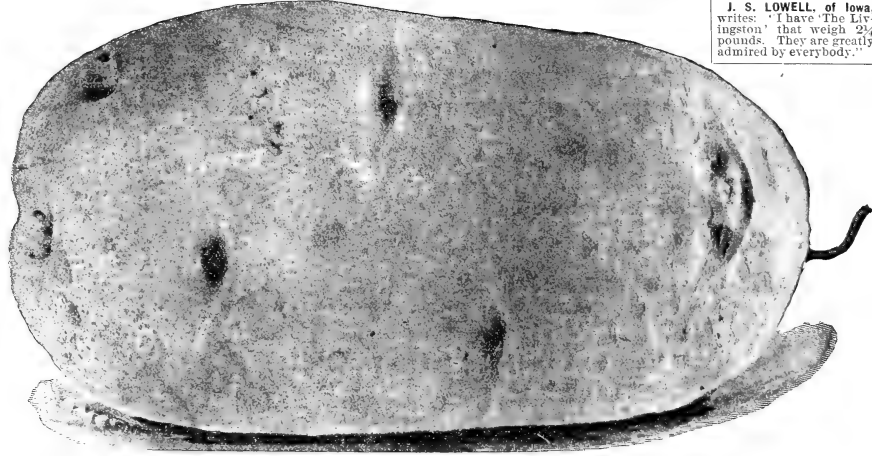
H. E. PIERCE, Madison Co., Ind. "Your Banner Potato is a 'daisy' sure, the best of five kinds planted; out-yielded anything on the place."

HOMER MILLS, Noble Co., Ind. "We succeeded admirably last year with Livingston's Banner; have as fine potatoes as I ever saw."

JAMES E. HALL, Miami Co., Ohio. "I never saw such nice smooth potatoes, and as free from prongs, as the Banner. I think it No. 1."

FRANKLIN G. MEYERS, Bucks Co., Pa. "The Banner Potatoes I got of you last spring turned out exceedingly well."

J. S. LOWELL, of Iowa, writes: "I have 'The Livingston' that weigh 2 $\frac{1}{4}$ pounds. They are greatly admired by everybody."



THE LIVINGSTON POTATO. Introduced by us in 1896. The above photograph gives a very good idea of its size, smoothness and very desirable shape. It has but few and very shallow eyes. Our Seneca Beauty is admitted by all who have ever grown it to be one of the most beautiful of all the many rose-colored varieties, and those familiar with it will at once realize what a beauty it would be if clothed in a white jacket, and especially if it retained its delicate peach blow eyes. That is exactly what we have in **THE LIVINGSTON**. It is a rank grower, very productive, and its cooking qualities are superb.

Choice Sorted Michigan Grown Stock— $\frac{1}{2}$ peck, 25c.; Peck, 40c.; bus., \$1.50; bbl., \$3.60; 3 bbls., \$10.00; 5 bbls., \$16.00.

GEO. W. MACE, Darke Co., Ohio, writes: "This is a very distinct variety. With me it stood at the head in yield of 36 varieties grown in field culture."

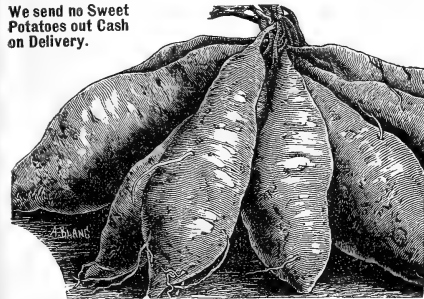
LYMAN R. MILLER, Summit Co., Ohio. Every one at the Fair pronounced The Livingston the finest they ever saw. They are the finest and best in America."

Seneca Beauty Potato.

Introduced by us in 1889.—This grand good MEDIUM LATE potato was first offered to the public by us ten years ago, and TOO MUCH has never been said in its praise. Its beautiful and distinct appearance sells it in any market, and its fine table qualities please all classes of customers. The tubers are large to very large, and very smooth, with few eyes close to the surface and of a beautiful pink color; uniform in size and shape, scarcely any small ones. Vines rank and healthy, and loaded with beautiful blossoms. Good keeper and heavy cropper. One point in its favor, which every grower will appreciate, is its distinct appearance in shape and color, on which account it can be kept pure and easily sorted out, even if mixed with a dozen other kinds. Peck, 40c.; bus., \$1.25; bbl., \$3.50; 3 bbls., \$10.00.

We are **Selling** **Aspinwall Potato Planters** Lower than ever this season. Don't fail to **WRITE US** if in need of a Planter. **WE CAN INTEREST YOU.**

We send no Sweet Potatoes out Cash on Delivery.



"FORTY YEARS EXPERIENCE WITH SWEET POTATOES."

By WALDO F. BROWN. The most practical and valuable work on the subject. Tells how to make beds, grow plants, set same, cultivate, harvest, store the crop, etc. Anyone can grow Sweet Potatoes without trouble if they will follow Mr. B.'s carefully written directions. The SHORT CUT for a beginner and a help to many old growers. **Only 20 cents, postpaid, or FREE** with all orders for a bushel or more of Sweet Potatoes; providing customers ask for it with their order.

HYBRIDIZED POTATO SEED.



Potato Seed Balls.

We offer a very choice strain of Potato Seed, the product of numerous hybridizations between many of the best new and old varieties in cultivation. A dollar invested in this choice seed may make \$100 in two or three years. The grower is sure of several rare and valuable seedlings that any specialist will be keen to purchase at a good price. We frequently purchase promising Seedlings grown from seed purchased of us.

Price, (postpaid), 25c. per packet; 5 packets, \$1.00. Full directions for planting, cultivation, etc., on each packet.

EVERY FARMER BOY ought to "try his hand" with one or more packets of Potato Seed, and his father should get him the seed, give him the ground, and time to attend same. The result is interesting, and often very profitable.

D. O. Frayer, Greenwich, Ohio. "My package of Potato Seed more than answered my expectations. I raised 48 hills, yielding from 2 to 71 potatoes to the hill, ripening from August 3 until frost. The largest round potato measured 2 1/4 x 2 1/4 inches; the longest 4 1/2 inches; the heaviest weighed 4 ozs., and the heaviest hill 19 ozs."

SEED SWEET POTATOES.

Jersey Grown.—Specially packed and stored over winter for us, for sprouting purposes, in the State of New Jersey. We have been using and selling this stock for over 25 years and find the potatoes much dryer and sweeter than those grown from any Ohio or WESTERN GROWN SEED. We repack before shipping, but we wish it distinctly understood that Customers take ALL RISKS after we deliver in good condition to the Express or Railroad Company here. We do not ship until about planting time. OUR BARRELS CONTAIN THREE BUSHELS, GOOD MEASURE.

YELLOW JERSEYS—Peck, 50c.; 1/2 bus., 75c., bus., \$1.40; bbl., \$3.50.
RED JERSEYS—BEST OF ALL REDS. A smooth potato with yellow meat. Peck, 50c.; 1/2 bus., 80c.; bus., \$1.50; bbl., \$4.25.

EARLY CAROLINA—Bright yellow color, fine grained. DESIRABLE FOR NORTHERN SECTIONS. Peck, 50c.; 1/2 bus., 80c.; bus., \$1.40; bbl., \$4.00.

"UP RIVERS." A SELECT STRAIN of smooth short, "chunky" Yellow Jersey. Low Jersey. Yields 25 to 50 per cent. more marketable stock, and sells higher than any other. Dry and sweet; decidedly the best eating potato of all. This is our specialty in Sweet Potatoes, and we recommend it above all others. Peck, 50c.; 1/2 bus., 80c.; bus., \$1.40; bbl., \$4.00; 3 bbls., \$11.00.

Above Prices are about what will rule, we think, but as there is usually a shortage of good seed at planting time prices here quoted ARE SUBJECT TO MARKET CHANGES after about March 1st.

We will make Special Price for Larger Quantities on application. If you need out several barrels it may pay you to WRITE US BEFORE YOU BUY.

PLANTS. We grow Plants by the million, and shall be pleased to quote lowest market prices to any one who will write for prices in season. **PLANTS BY MAIL**, (postpaid)—Well Rooted Plants or Slips, ready about May 1, at 60 cents per 100.

VEGETABLE PLANTS, ROOTS, ETC.

Prices do not include prepayment of expressage. Sent only by Express, not by mail. No orders shipped under \$1.00. We keep all the following varieties on hand in their proper season, and can ship fresh from the beds and well packed on short notice. Write for our SPECIAL MID-SUMMER PLANT LIST, which gives the prices of Late Cabbage, Celery, etc. Issued in June.

CABBAGE, EARLY —Ready April 10.			
	Per 50	100	1000
Extra Early Wakefield and All-head Early.....	\$.40	\$.75	\$ 4.50
Henderson's Early Summer, Large Wakefield.....			
CAULIFLOWER —Ready April 1 to May 1.			
Livingston's Earliest, and Extra Early Erfurt.....	.65	1.00	7.50
Henderson's Early Snowball.....			
CELERY, Early Grown —Ready June 1.			
Dwarf Golden Heart, White and Pink Plumes.....	.60	1.00	....
Golden Self-Blanching and Giant Pascal.....			
Giant Golden Heart.....			
SWEET POTATO —Ready May 15.			
Extra Early Carolina.....	.25	.35	2.50
Yellow Nansemound (Jersey).....			
HEDGE PLANTS.			
Osage Orange—Two years old.....	.35	3.00	
Honey Locust.....	.75	4.50	

Write us when ready to buy Larger Quantities of Cabbage, Celery, Sweet Potato and Hedge Plants.

TOMATO —Ready May 1.			
Livingston's Acme, Beauty.....	Doz.	50	100
Buckeye State, Honor Bright, Favorite.....			
Yellow Prince, Perfection, Paragon.....	\$.20	\$.60	\$ 1.00
Stone, Royal Red, Golden Queen.....			\$ 7.50
Dwarf Champion, Dwarf Aristocrat.....			
EGG PLANT —Ready May 1.			
Large N. Y. Purple and Livingston's Mammoth.....	Doz.	.25	.85
			1.50
PEPPER —Ready May 1.			
Sweet Mountain and Mammoth Ruby King.....	.20	.60	1.00
Cayenne and Bull Nose.....			
HOP ROOTS —Plant very early. Per doz., 25c. If by mail add 5c. per dozen for postage.			
CHIVES —Good Clumps, by express, each, 10c.; dozen, \$1.00. If by mail, 10c. each extra.			
ARTICHOKE ROOTS —Lb., 30c.; 3 lbs., 75c., postpaid. By Express or Freight—Pk., 60c.; bus., \$2.00; bbl. of 3 bus. (for one acre), \$5.00.			
HORSE RADISH SETS —See page 33.			
RHUBARB ROOTS —See Page 47.			
ASPARAGUS ROOTS —See page 17.			

5,000 and 10,000 Lots of Plants, etc., at Lowest Market Prices.

Livingston's Selected Flower Seeds.

OUR FLOWER SEED LIST has been carefully revised, some new kinds added and all inferior kinds cut out, so that there is nothing in the list but what is worthy of cultivation, and if reasonably well cared for, will give satisfaction. Our aim is to offer nothing but the best and **SECRET TO PLEASE**, a condensed list of leading kinds, and not the most bewildering and extensive, wishing to please the masses rather than cater to our usual very important item which only a few people care for. Any flower seed not offered in the following pages will be secured on short notice at the price quoted in other catalogues. **ADD AT LEAST A FEW PACKETS TO YOUR VEGETABLE SEED ORDER.**

DIVISIONS OF FLOWERS.

Flowers are usually divided into Annuals and Perennials. Annuals are those that bloom and ripen seed the first year; then die. Among these may be found some of our most brilliant and fragrant flowers. In

fact, if you wait flowers early in the season, and all the time until frost, a good selection of Annuals will not disappoint you. Perennials are those that endure our Northern winters with little or no protection, and live and bloom several years in succession. A large majority of the Perennials will bloom the first year if started soon in the spring.

The figures at the right, opposite each variety denote the price in cents per packet.

DISCOUNTS ON PACKET FLOWER SEED.

- For 25 Cents select 6 Five-Cent or 3 Ten-Cent packets.
- For 80 Cents select 14 Five-Cent or 7 Ten-Cent packets.
- For \$1.00 select Packets to the amount of \$1.30.
- For \$2.00 select Packets to the amount of \$2.75.
- For \$5.00 select Packets to the amount of \$7.50.

ALL FLOWER SEEDS SENT FREE BY MAIL ON RECEIPT OF PRICE.



ABUTILON.

Flowering Maple or Chinese Bell Flower—Universally admired; few are aware how easily they can be raised from seed, and how beautifully they flower the first season if seed is sown early: seed should be started in the house and the young plants set out in the garden, but not until the weather is warm and settled. They grow rapidly, and make fine large shrubs, bearing elegant bell-shaped flowers which bloom freely in winter in the house

Choice Mixture..... 10

ABRONIA. Trailing plants with Verbena-like flowers. May be trained to sticks or left in its natural mode of growth. Peel off the husks before they bloom a long time. Transplant to one foot apart. Rosy lilac flowers. Half-hardy annual..... 5

ACROLINIUM. A beautiful Everlasting flower, strong growing, about 18 inches high, bears a great number of rose and white daisy-like flowers with a yellow center. Should be gathered the first day they open, or before they are open, and dried in the shade, to secure a bright center. **Rose and White, Mixed**..... 5

ADULMA. (Mountain Fringe or Allegheny Vine.)—An attractive climbing plant with feathery foliage and rose-colored blossoms. **Cirrhosa**..... 10

AGERATUM. Valuable plants for large beds or borders, and very useful where cut flowers are in demand; blooms the whole summer; also good for winter blooming; of easy culture, succeeding in any soil. Half-hardy annual.

Imperial Dwarf Blue—A fine plant for ribbon borders; 6 inches..... 5
Imperial Dwarf White—Like above, but flowers are white..... 5
Mexicanum—Lavender blue; 2 feet..... 5
Ageratum, Mixed..... 5

ANTIRRHINUM. (SNAP DRAGON.)—This is an old favorite border plant, with dark glossy leaves and curiously shaped flowers, with finely marked throat. They have been much improved by careful selection, and are really magnificent flowers. Will blossom the first season from seed sown in the spring; grow quick and bloom all summer, but the blossoms will be much stronger the second season. Succeeds best in dry, loamy soil.

Tender perennial. **Tall, Mixed**— $\frac{1}{4}$ oz., 15c..... 5
Choice Striped, Mixed—Pkt., 5c..... 5
Dwarf, Mixed—Oz., 20c..... 5

ASPERULA. Finely adapted for bouquets, by reason of its shape, size and delicate color—a light blue or lavender. For button-hole bouquets nothing will be in request other than this. Blooms from July till severe frosts. 1 foot. **Setosa**..... 5

PEONY-FLOWERED ASTERS.

(TRUFFAUT'S)—The most perfect type of Peony-Flowered Asters. Hard to surpass in size of flowers, brilliancy of color, and habit of growth. Flowers of very large size and fine form, perfectly double, the petals beautifully incurved. The colors are peculiarly rich and brilliant, and the refined form of flower attracts great attention. 1 $\frac{1}{2}$ to 2 feet.

- Mixed, Many Exquisite Colors**..... 10
- Oz., 40c**..... 10
- Snow White**..... 10
- Brilliant Rose**..... 10
- Dark Blue**—Extra fine..... 10
- Brilliant Scarlet**..... 10
- La Superbe**—Sky blue, tipped white..... 10
- UHLAND GLOBE**—Peony-Flowered. Excellent, very large flowering. **Mixed Colors**..... 10



ALYSSUM, SWEET.

The delicate honey-like fragrance of the flowers of this little plant, so much prized in bouquets, baskets and design work, renders it most unlikely that this old favorite will ever be cast aside. Easy culture; blossoms all summer; 12 inches.

Sweet Alyssum—White; very sweet: 1 foot. Oz., 25c; $\frac{1}{2}$ oz., 15c..... 5
Little Gem—Very compact growth, 3 or 4 inches high, but a single plant will cover a space up to three feet in circumference. Grows quick from seeds and the plants will bloom when quite young. The abundance of flowers is simply enormous, 300 blossoms having been counted on a single plant. Oz., 40c; $\frac{1}{2}$ oz., 15c..... 5

Golden Saxatile—A free growing dwarf hardy perennial. Flowers brilliant golden yellow, completely hiding the foliage. Plants about one foot high. Showy for permanent borders and beds..... 5

AMARANTHUS. Of remarkably handsome foliage and interesting flowers, producing a striking effect in the border as a background, or as centers of beds. The seeds may be sown in the open border, or in a hotbed; transplant about the first week in June. Produces the most attractive and brilliant foliage upon poor soil; transplant to 20 inches. Half-hardy. **All Kinds Mixed**..... 5

AMPELOPSIS. A most beautiful climber, clinging very firmly to the sides of a house or wall, and soon forms a most perfect mass. On this account, and the beauty of its foliage, it gives excellent satisfaction. **Ampelopsis Veitchii**, "Japanese Ivy," or "Boston Ivy"..... 5

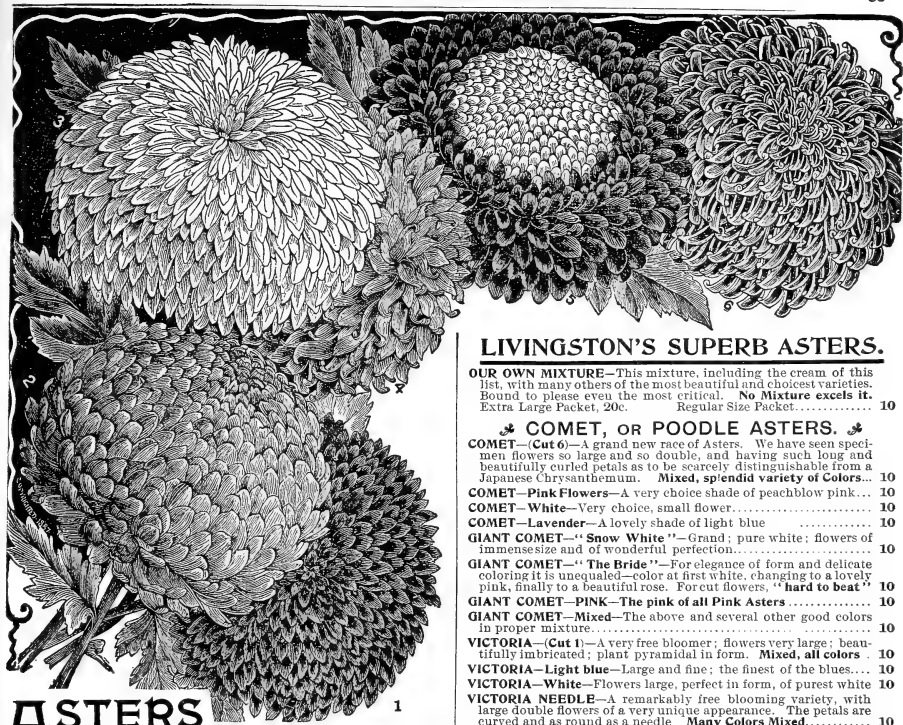
ANCHUSA. A splendid bouquet flower, of long duration, producing azure-blue forget-me-not-like flowers; if sown early blooms the first season; hardy perennial; 2 feet. **Capensis**..... 5



ANTIRRHINUM.



PEONY FLOWERED ASTERS.



ASTERS

"FALL ROSES."

This has become one of the most popular, beautiful and effective garden plants, growing from ten to twenty-four inches high. For profusion of flowers and richness of display the Asters are unrivaled and constitute the principal adornment of our gardens during the autumn. Sow the seed early in the spring, under glass or in pots in the house, and transplant into rich soil about one foot apart, according to height of plants. Splendid for bedding, border and pot culture. One of the leading cut flowers of the day, because very profitable.

JEWEL, or BALL—(Cut 2)—A magnificent aster, with flowers measuring from 2 1/4 to 3 inches across, round as a ball and borne on long stems. Very useful for cutting and bunching; about 24 inches high. **A Mixture of Several Choice Colors.**..... 10

MIGNON—(Cut 3)—An Aster of great beauty; resembles the Victoria class in habit of growth, but excels it in free blooming. Plants about 15 inches high; flowers of good size, reflex petals and very double. One of the finest for cut flowers. **Mixed, New Shades.**..... 10

MIGNON—Peach Blossom—Very fine. 10. **Light Blue—Superb**... 10
Pure White—None surpass this splendid white for cutting..... 10

SNOWBALL, or PRINCESS—A distinct Aster. Every plant produces about 30 pure white flowers, which are semi-spherical with short petals lying scale-like upon each other, resembling a Liliput Dahlia flower. Its elegant, faultless shape makes it valuable as a cut flower..... 10

GIANT WASHINGTON, or JUBILEE—Resembles the Victoria Aster but the flowers are much larger. Good for cut flowers and bound to please all who like a tall-growing Aster with immense sized flowers. 2 feet. **Mixed, Many Lovely Colors**..... 10

VICK'S BRANCHING—A favorite variety with branching character and fine, large flowers on long stems; excellent for cutting. Two feet high. **Mixed Colors, 10c. White, no finer.**..... 10

See Novelty Pages for THE SEMPLER BRANCHING ASTERS.

LIVINGSTON'S SUPERB ASTERS.

OUR OWN MIXTURE—This mixture, including the cream of this list, with many others of the most beautiful and choicest varieties. Bound to please even the most critical. **No Mixture excels it.** Extra Large Packet, 20c. Regular Size Packet..... 10

COMET, OR POODLE ASTERS.

COMET—(Cut 6)—A grand new race of Asters. We have seen specimen flowers so large and so double, and having such long and beautifully curled petals as to be scarcely distinguishable from a Japanese Chrysanthemum. **Mixed, splendid variety of Colors.**..... 10

COMET—Pink Flowers—A very choice shade of peachblow pink... 10

COMET—White—Very choice, small flower..... 10

COMET—Lavender—A lovely shade of light blue..... 10

GIANT COMET—'Snow White'—Grand; pure white; flowers of immense size and of wonderful perfection..... 10

GIANT COMET—'The Bride'—For elegance of form and delicate coloring it is unequalled—color at first white, changing to a lovely pink, finally to a beautiful rose. For cut flowers, "hard to beat"..... 10

GIANT COMET—PINK—The pink of all Pink Asters..... 10

GIANT COMET—MIXED—The above and several other good colors in proper mixture..... 10

VICTORIA—(Cut 1)—A very free bloomer; flowers very large; beautifully imbricated; plant pyramidal in form. **Mixed, all colors**..... 10

VICTORIA—Light blue—Large and fine; the finest of the blues... 10

VICTORIA—White—Flowers large, perfect in form, of purest white..... 10

VICTORIA NEEDLE—A remarkably free blooming variety, with large double flowers of a very unique appearance. The petals are curved and as round as a needle. **Many Colors Mixed.**..... 10

DWARF VICTORIA—Dark Scarlet—One of the finest, and might well be called a FIREBALL on account of its brilliancy; the perfect flowers are borne in great abundance on a neat bush about ten inches high; effective in beds, 10c. **Mixed Colors.**..... 10

NEW ROSE—(Cut 4)—Magnificent flowers, in shape and size rivaling the finest roses. A great variety of brilliant colors, making a beautiful display. Robust habit; blossoms profusely; covering the plant; in perfection, nearly a month; 18 in. high. **Mixed.**..... 10

CROWN WHITE CENTER—(Cut 5)—Flowers of this beautiful class are two-colored; the center of each pure white, with the petals of bright colors, as crimson, carmine, blue, violet, etc.; full, double, of handsome shape; 1 1/2 to 2 feet. **Mixed Colors.**..... 10

QUEEN OF THE MARKET ASTERS.

After growing this for several seasons we pronounce it one of the most satisfactory of all; it is about two weeks earlier than most other Asters, a most profuse bloomer; of graceful habit. Its perfect flowers are borne on long stems and in great variety of colors, making them extremely useful for cutting. A favorite with those who grow for market.

Mixed Colors..... 15c. **Pure White—Splendid.**..... 10

Pink—Splendid..... 10c. **Blue—Very fine**..... 10

QUEEN OF THE EARLIES—('Queen of Spring')—Resembles somewhat the Queen of the Market, but blooms about two weeks earlier; of low growth; good sized flowers on long stems. Said to be the earliest of all. **All Colors Mixed, 10c. Pure White.**..... 10

DWARF QUEEN—The Finest of all Dwarf Asters. The bushy plants are about a foot high, and when well grown the flowers are large (3 to 3 1/2 inches in diameter) and very beautiful. Excellent for pot culture and borders.

Choice Colors Mixed..... 10c. **Pure White.**..... 10

DWARF PYRAMIDAL BOUQUET—A magnificent dwarf variety; a single plant forms a complete bouquet of pyramidal shape and covers itself with blossoms almost hiding the foliage. Fine for edging and small beds. **Many Distinct Colors Mixed.**..... 10

GERMAN QUILLED—Well-known favorite and very distinct sort; a free bloomer; good for cutting. **Many Finest Varieties Mixed.**..... 5

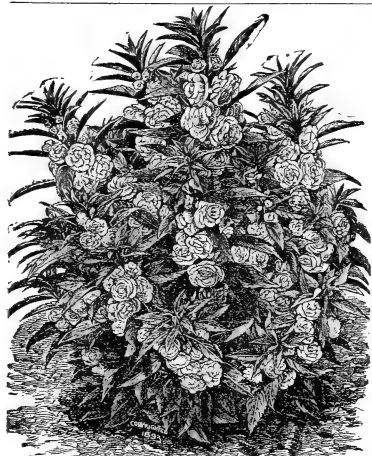
ANY THREE 10-CENT PACKETS FOR 25 CENTS.

BALSAMS. "LADY SLIPPER."

THESE are old favorites with everyone, owing to their handsome double flowers, brilliant colors and stately growth. To produce very double flowers they must be transplanted into a rich soil in a sunny position and frequently watered. Cutting out some of the side branches is also advisable, especially with the strong and bushy growing varieties. They can be pruned to any form desired to two or three, or even one branch. *Tender Annuals.* **EXTRA FINE BALSAMS** is a specialty with us, and we have taken special pains to secure the most double and largest flowers in the most distinct and striking colors.

LIVINGSTON'S PREMIUM BALSAMS.

- Extra Double and Very Large Flowers**—We beg to call special attention to the excellence of this unequalled strain. The flowers are immense in size, of fine form and as double as a Camellia, which they resemble. The colors are as varied and brilliant as could be desired, even by the most fastidious, so double that it is a very shy seeder. **Livingston's Premium Mixture**—7 pkts., 50c; 3 pkts., 25c..... 10
- Light Lemon**—Very fine 5c. **Scarlet**—Spotted white..... 5
- Victoria**—Satin white, spotted with scarlet..... 5
- Sofferino**—White, beautifully striped with purple scarlet..... 5
- Double Spotted**—In splendid mixture 10
- Double Camellia-Flowered**—Best Mixed—From above and many other kinds and colors 5
- Double White Perfection**—("Queen's White")—Flowers snow white, as round as a dollar, of immense size and thoroughly double. A most useful variety for Florists' work 10
- Double Rose-Flowered**—A very good strain. **Choice Mixed** 5
- Carnation Striped Balsams**—Very pretty and attractive, with peculiar stripes and markings. **Finest Mixed**, many colors 5
- Double and Semi-Double**—Mixed—All colors 5



LIVINGSTON'S PREMIUM BALSAM.

BEGONIAS.

Fibrous Rooted—Begonias are among the handsomest of our summer flowering bulbs; very popular; easily grown from seed if care is taken not to wash out the little seedlings when watering. They are covered the whole summer with bright and elegant drooping flowers; blooms the first season from seed if started in February or March, in pots of fine soil. As soon as the second leaf appears prick off into flats or small pots filled with any good, loose soil. Keep them slightly shaded from the direct rays of the sun and as near the glass as possible. In the fall take up the tubers and put in the cellar the same as you would a Dahlia.

- Double**—Mixed—Very choice 25
- Single**—Mixed—Extra fine 20

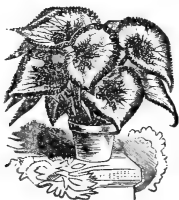
For Prices of **BULB DEPARTMENT.**
Bulbs See

Fibrous Rooted Begonias—A most excellent class for indoor flowering, also good for outside if given a partly shaded location. The **Rex** is grown for its ornamental foliage.

VERNON—(Semperflorens *Atropurpurea*)—The plants grow to medium size, of compact habit and very hardy; easily grown. The leaves are a glossy green color, margined with bronze, and the flowers rich, brilliant red, and borne in the greatest abundance. A well-grown plant in a pot is one of the best ornaments to a conservatory or parlor, while a large bed of them in the garden will be the admiration and delight of all beholders..... 10

THE NEW VULCAN—A seedling of the well-known *Begonia Vernon*, popular all over the world as the best variety for bedding, on account of profusion of bloom, beautiful foliage and hardy growth. It completely eclipses the *Vernon* in the intense brilliancy of its flowers, which are of the most intense, very scarlet color. Pkt. 15c; 2 pkts. for 25c.

Begonia—Rex Hybrids—Large ornamental leaves of dark green, bronze, gold and red. They are grown for their variegated foliage, and are very desirable for house and garden decorations, in shady positions, and well adapted for baskets. **Finest Mixed**..... 25



REX BEGONIA.



VERNON BEGONIA.



NEW VULCAN BEGONIA.

Bartonia.

Produces showy flowers above its gray and downy thistle-like foliage, which are exceeding bright and brilliant in the sunshine; it does not bear transplanting; hardy annual; 2 feet
Aurea—Golden yellow..... 5

Balloon Vine. (Cardiospermum Halicacabum.)

is a curious half-hardy annual. Sow seed under glass, and if planted in the garden find it a sheltered situation..... 5

BRACHYCOME.

(Swan River Daisy.)

Free-flowering dwarf plants, covered during the greater part of summer with a profusion of pretty (Cineraria-like) flowers; suitable for edgings and small beds or pot culture. Half hardy-annual.

- Light Blue and White Mixed**..... 5

BALSAMINA.

Very curious vine with ornamental foliage; fruit golden yellow, warty, and, when ripe, opens, showing its brilliant carmine interior; fine for rockwork; ten feet.

- Balsam Apple**..... Per. oz., 25c. 5
Balsam Pear..... Per. oz., 25c. 5

CENTAUREA CYANUS,
or **BACHELOR'S BUTTON.**

(Corn Flower, Blue Bottle, Ragged Sailor, etc.)—Very old favorite hardy annual. Flowers freely in almost any situation; for cut flowers they are largely used both in Europe and this country, a little bunch of the blue Corn Flower being a favorite boutonniere.

- Cyanus—Pure White; very fine..... 5
- Cyanus—"Blue," or Emperor Flower. Fine Rich blue..... 5
- Bachelor's Button—A choice mixture..... 5
- New Centaurea, Marguerite—A beautiful new annual. It is the handsomest Centaurea known and should be planted in every garden. The plants grow about fifteen inches high and are of the easiest culture. The flowers are of the purest white, exquisitely fragrant, and are produced in great abundance..... 10
- New Double "Corn Flower"—Many new and novel colors of large double flowers in Choicest Mixture..... 5



NEW DOUBLE CORN FLOWER.

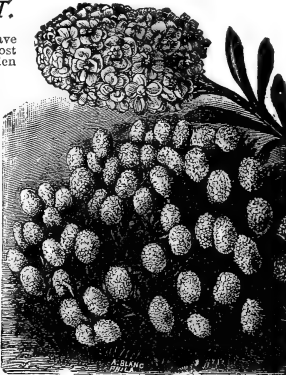
WHITE LEAVED OR DUSTY MILLER VARIETIES.

Valuable for ribbon-bodding, the silvery whiteness of the leaves being effective with other colored leaved plants. Half hardy perennial.

- Gymnocarpa—One of the best; white foliage; 1½ feet..... 5
- Candissimi—Round, compact plants; silvery white; one foot..... 10

CANDYTUFT.

The Candytufts have long been among the most highly prized of garden flowers, and cultivation has done much in producing improved varieties. The best effect is produced by raising the plants in masses, and the seeds are sown where the plants are to bloom; sow in rows six or eight inches apart, and thin out the plants so that those remaining will have plenty of room. The soil should be rich, and when blooming time comes keep the plants well watered, especially if it should be a dry time. The plants are very branching, and it is sometimes necessary to prune away some of the shoots in order to increase the size of the flowers. The Rocket Candytuft grows in compact spikes; the new dwarf varieties are only about six inches in height, and their season of blooming is very long.



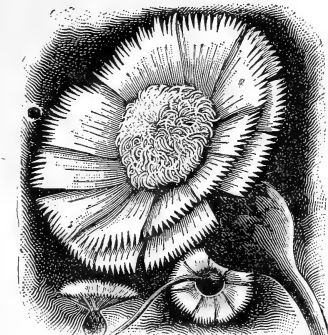
CANDYTUFT.

- New Empress—A magnificent variety, with enormous heads of pure white flowers..... 10
- White Rocket..... Oz. 15c. 5
- Dark Crimson—Beautiful color..... Oz. 20c. 5
- New Dwarf Hybrids—Of dwarf habit and perfect shape, abundant flowers, from pure white to dark purple..... 5
- Tom Thumb—White; very dwarf; four to six inches high. Sown early will bloom in June..... Oz. 20c. 5
- Umbellata Lilacina—Purple lilac..... 5
- New Carmine—Dwarf plants with vivid carmine flowers..... 5
- White Fragrant..... Oz. 20c. 5
- Mixed, All Colors..... Oz. 20c. 5

CYPERUS, or UMBRELLA PLANT.

Grows freely in water with rich soil or mud. Graceful foliage plant; fine for vases, fountains; easily raised from seed; tender perennial..... 10

Mrs. J. Steier, Milan, Ohio, November 5, 189, writes: "Your collection of flowers I received from you last spring was all that you represented them to be. The Asters especially were beauties. I was very much pleased with them all."



NEW CENTAUREA MARGUERITE.

Distinct From All Others; Large Flowers of Purest White, Deliciously Scented, Finely Lacinated—Admired by Everybody Everywhere.

◆◆◆ **COLUMBINE**—(*Aquilegia*). ◆◆◆

Exceedingly showy, early blooming, hardy plants, especially valuable for the peculiar formation of their flowers and the great variety of color. Hardy perennial.

- Chrysantha—Bears through the season an abundance of bright golden yellow flowers..... 5
- Double, Mixed—Best and finest colors..... 5

~~~~~ **CALENDULA**. ~~~~~

Showy, free-flowering, hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost; one foot high.

- Meteor—Large, double yellow, striped orange..... 5
- Choice Mixed..... 5

~~~~~ **CLARKIA**. ~~~~~

The Clarkia is held in great estimation in Europe, and especially in England, where it is as common as the Candytuft. The flowers are very pretty and of many colors, double and single. As the plant is apt to suffer in our hot, dry summers, it is better to sow the seed in September, and the plants will be large enough by spring to make good bloom. Hardy annual; 1½ feet high.

- Double and Single Mixed..... 5

CACALIA—(*Tassel Flower*.)

Also known as "Flora's Paint Brush." A showy plant of easy culture, producing beautiful scarlet and golden-yellow tassel-shaped blossoms. Sow early in spring in open ground; they bloom from early summer until autumn; valuable for small bouquets. Half hardy annual; 1½ feet high. Mixed..... 5

CALCEOLARIA.

Unsurpassed for pot culture in the greenhouse or conservatory, producing the brilliant flowers in great profusion and variety. The blooms are remarkable for their oddness of shape, and for the richness, diversity and variety of color.

- Spotted and Self-Colored, Finest Mixed..... 25
- LARGE FLOWERING SELF-COLORED, Mixed—The flowers are not spotted or marked..... 25



CALCEOLARIA.

◆◆◆ **CATCHFLY**.—(See *Silene*). ◆◆◆

CANNA.

(INDIAN SHOT.)



FRENCH CANNAS.

The Cannas are the coming plants of our gardens. The demand for them is rapidly increasing. They are erect, stately plants from two to six feet in height, with ample and elegant foliage. The leaves are green in some varieties and reddish. The flowers are bright colored—red or yellow—and variously marked, peculiar and very handsome in form. Plants once obtained can be kept from year to year, dividing them as they increase in size; on the approach of frosts they must be taken up like Dahlia roots and after lying out a few days to dry off, they can be stored away until spring in a cellar. The seeds are very hard and some soak them in warm water for several hours before planting; but the best way is to file a hole just through the shell, thus allowing the passage of water to the seed, which, in swelling, breaks the hard covering. The French Hybrid Cannas, though no better as foliage plants, have much larger flowers.

LARGE FLOWERING FRENCH CANNAS.

- Queen Charlotte—New scarlet and gold, a beauty..... 10
- Crozy's New French Hybrids—Saved from the handsomest of the new varieties. Most of them are very dwarf in habit, early bloomers, and very remarkable for beauty of both flower and foliage. Mixed varieties..... 02., 40c.; ½ oz., 25c. 5
- Madame Crozy—Great clusters of vivid vermilion scarlet flowers with deep golden-yellow borders. One of the best..... 10
- Chas. Henderson—Deep rich crimson..... 10
- Florieux Vaughan—One of the best yellows, spotted with red..... 10

OLD TYPE CANNAS.

- Choice Mixed (Old Types)—Many kinds..... 5
- Dark Leaved Varieties—Splendid Mixture..... 5

CAMPANULA.



CAMPANULA.

A well-known beautiful hardy herbaceous perennial, bearing a great profusion of attractive bell-flowers, thriving best in light rich soil; some of the varieties flower the first season if planted early. Carpatia and Speculum are fine for beds, edgings and ribbon-gardening.

Speculum—(Annual)—Venus' Looking Glass; a double blue variety; fine for cutting and bouquets; six inches..... 5

Carpatia—Free-flowering blue and white, continuing bloom the whole season. Fine for groups and edgings. Six inches. Hardy perennial. Mixed..... 5

CANTERBURY BELLS.

- Very ornamental garden plants of easiest culture, beautiful large well shaped flowers. Hardy perennials, 2½ feet.
- Double Annual Varieties—Finest Mixed..... 5
- Single Annual Varieties—Mixed..... 5
- "Cup and Saucer" Canterbury Bells—(Calceanthema Campanula)—This is a fine variety producing plants with flowers resembling a cup and saucer. A splendid mixture of blue, white, striped, etc..... 5

..... CYCLAMEN.

These elegant greenhouse perennials have been vastly improved of late years. Our strain is selected from the improved English sorts, and is conceded to be unsurpassed. Cyclamen seed sown early will bloom the following winter. We can supply the blooming bulbs. (See Bulb Pages.)

- Persicum—Finest mixed colors..... 10
- Persicum Dark Carmine—Extra fine..... 25
- Giant Persian—A magnificent strain, with large flowers of rich and varied colors, and large beautifully marked leaves. French Mixed..... 25

CALLIOPSIS.

or COREOPSIS.

Very handsome and showy plants, with numerous flowers of brilliant colors and of long duration in bloom. Of the easiest culture, as they grow rapidly require no care and thrive in any garden. They make brilliant groups or low screens. Seed grows very readily and may be sown where plants are wanted to flower.



Golden Wave—(Drummondii)—Bushy, compact plants, covered all summer with hundreds of bright golden flowers two inches across, distinctly marked with dark brown center. Pkt., 5c.

Lanceolata—(New Golden Coreopsis)—One of the most showy hardy perennials grown, forming tall plants two to three feet high, and bearing in great profusion for a long period during the summer, large flowers of bright golden-yellow. Unequaled for cutting. Grows anywhere..... 10

Hybrida Double—Rich velvety maroon, bordered yellow; flowers are double and semi-double..... 5

Tall Sorts, Mixed..... Pkt., 5c. 5

All Sorts and Colors, Mixed..... 5

Grandiflora—Very large golden-yellow flowers; splendid for cutting. Hardy perennial..... 10

Dwarf Sorts, Mixed..... 5

..... CANARY BIRD VINE.

One of the most desirable climbing plants, growing rapidly to a height of 10 feet; produces an abundance of bright yellow fringed flowers which resemble a canary bird with extended wings..... 5

CUPHEA, CIGAR, or FIRECRACKER PLANT.

A favorite bedding plant, familiarly known as Cigar Plant on account of its fancied resemblance to a lighted cigar. 1½ feet.

Minuta—A pretty little annual for pots or the garden, bearing numbers of curiously shaped flowers, of a bright vermilion scarlet..... 5

Platycentra—Scarlet. Tender perennial..... 10

CHRYSANTHEMUM.



CHRYSANTHEMUM.

Showy and effective garden favorites, extensively grown for cut flowers. The hardy annuals are summer-flowering border plants; good for pot culture, distinct from autumn-flowering varieties.

ANNUAL VARIETIES.

- Eclipse—Pure golden, with bright purple-scarlet ring..... 5
- Bright Brilliant—Very showy..... 5
- Golden Feather—White, banded crimson, inner ring canary yellow, maroon eye..... 5
- Double White..... 5
- Double Golden-Yellow..... 5
- Double Lemon-Yellow..... 5
- Inodorum Flore Pleno—Best new sort, with large double white flowers; a free-bloomer; excellent cut flowers..... 5
- Single Varieties—Finest mixed..... 5
- Double Varieties—Finest mixed..... 5
- All Sorts Annual Varieties, Double and Single in finest mixture..... 5

PERENNIAL CHRYSANTHEMUMS.

The following varieties are for pot culture, for blooming in the house in winter, and for florists for cutting for bouquets.

- Japonicum**—These are gorgeous autumn-flowering plants. Quite distinct from the old varieties in style of flowers. Seed sown early will produce strong flowering plants the first year. The seed we offer is from a choice collection of named varieties..... 25
- Double Superb Mixed**—All types..... 25
- Double Good Mixed**—All types..... 15
- Early Flowering Varieties**—Very fine..... 25
- Frutescens** or "Paris Daisy"—This variety, under the name of Marguerite, has obtained great popularity among florists. The pretty star-shaped white flowers are freely produced; the plant will grow under almost any circumstances..... 10



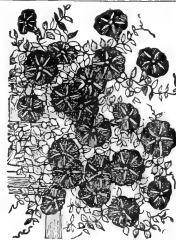
COBÆA SCANDENS.



CENTRANTHUS.



COLEUS



CONVOLVULUS MINOR.

COBÆA. A fine rapid growing annual climber, with handsome foliage and large, beautiful bell-shaped flowers. Seeds should be started in a hot bed or by a warm window in the house, in rather dry soil, as they are apt to rot in open ground. In sowing, place the seed edge down, and do not water unless in a warm place, and the soil becomes very dry. A well established plant will run fifty feet in a season and cover a large veranda. *Flowers a beautiful deep violet blue.* Pkt., 5c.

CENTRANTHUS.

The flowers are small and borne in clusters on light green, almost transparent stems. They form beautiful masses or borders, and are excellent for bouquets and floral work. Hardy annual. *Mixed Colors,* pkt., 5c.



CLEMATIS.

A well known and admired rapid growing, free-flowering, ornamental climber. No flower has more rapidly advanced in popular favor than the Clematis. Within a few years it has become the popular favorite climber of the world. For pillars, trellises or planting about rock-work Clematis cannot be excelled. Seed should be sown in the fall or winter in shallow boxes in the usual way. They will generally lie dormant, even in the green-house, but germinate on the approach of spring. When an inch or two high transplant into boxes or small pots preparatory to planting in open ground in May. Hardy perennial.

Clematis, Large Flowering, Mixed, (Jackmanii)—Flowers 3 to 4 inches across, of charming shades of blue, white, purple, etc. 10
Paniculata—A fine climber; abundantly covered from top to bottom with pure white, fragrant flowers and pretty red seed-pods. 10

An Excellent Plant for Cemetery Use.



CINERARIA.

Coleus.

Beautiful ornamental foliage plants, both for hot-houses and bedding out during the summer in sheltered places not exposed too much to the sun. The broad, oblong, slightly dentated leaves being of a deep crimson-brown color, edged with green and yellow, or salmon, or mottled in a picturesque manner.

Extra Fine Hybrids—A mixture made up of the finest and showiest varieties possible to obtain from special growers. 15

Fine Quality Mixed Hybrids. 10

New Large Leaved "Fringed Coleus"—The leaves are extremely large and superbly variegated, deeply cut, lacinated and fringed. The colors and markings are new and fine. 15

COSMOS. (HYBRIDUS)—Cosmos is now one of the most popular flowers. It is of very rapid growth and makes large bushes five to seven feet high, which are a mass of elegant foliage. The showy flowers are borne on long stems in great abundance, are white, flesh-color, charming light pink and deep rose, each with a bright yellow centre. Both foliage and flowers are excellent for bouquets and vases. They are easily raised from seed, and can be transplanted or grown from cuttings. When well started should be transplanted or left to stand two feet apart.

GIANT WHITE—Large pure white flowers; very beautiful; valuable for florists. 5

GIANT PINK—Large delicate pink flowers. 5

MAMMOTH PERFECTION ("Giants of California")—The flowers are double the size of any Cosmos yet offered, and of splendid substance; will last two weeks if placed in water as soon as cut. **Giant Finest Mixed**. 5

DWARF EARLY DAWN, Large Flowering—This new variety comes into flower in July and continues a mass of bloom until cut down by frost. Can be grown in the North where the seasons are too short for other strains. Dwarf, compact growth—about 4 feet. The flowers are very beautiful and large; petals broad; a very free bloomer; color pure white, flushed with a delicate tinge of rose. Packet, 10c.; 3 for 25c.

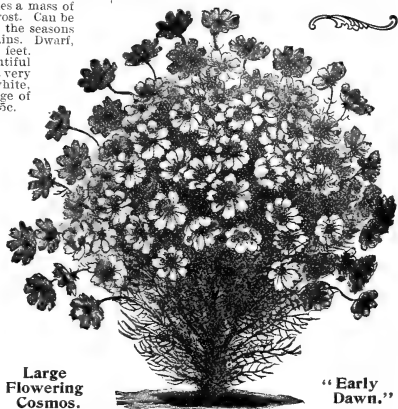
CINERARIA.

A favorite free-flowering green-house plant of wondrous beauty, with flowers of great richness and diversity of color; it blooms during the winter and spring months and can be planted out in summer. They thrive best in a mixture of loam and peat.

LARGE FLOWERING HYBRIDA—Choicest prize varieties mixed. 20

LARGE FLOWERING—Second quality. Very good. 15

MARITIMA (Dusty Miller)—Fine silvery white foliage; used extensively for ribbon planting, hanging baskets, vases, decorative pot plants, etc. Perennial, but usually grown as an annual. 1 foot. 5



Large Flowering Cosmos.

"Early Dawn."

CONVOLVULUS MINOR.

(Dwarf or Bush Morning Glories.)

Beautiful and showy plants, producing an abundance of richly colored flowers, and in fine weather the flowers remain open all day. They bloom from July until autumn. Hardy annual.

Crimson-Violet—White, with crimson-violet margin. 5

Striped—White, striped blue; a beauty. . . 5

Choice Mixed—Many varieties. Oz., 15c. 5

Mauritanicus—A beautiful trailing plant for hanging baskets, etc. Handsome blue flowers with white throat. 5

CONVOLVULUS MAJOR, CLIMBERS—See Morning Glory.

COCCINEA INDICA.

(Scarlet Fruited Ivy-Leaved Climber.)

A handsome climber, with ivy-like foliage, beautiful, smooth, glossy leaves, bell-shaped flowers, and brilliant carmine fruits two inches long. Half-hardy perennial. Ten feet. Packet, 10c.

COLLINSIA.

Very pretty free-flowering annual, with a great variety of colors. Fine for massing or raised flower beds. 1 to 2 feet. **Mixed Colors,** packet, 10c.

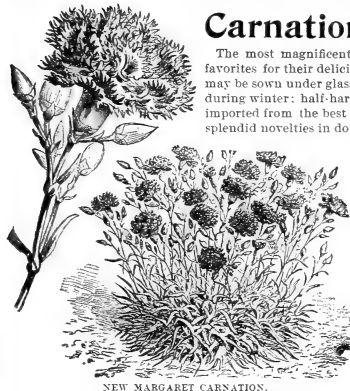
CLEOME PUNGENS.

"Giant Spider Plant."

Showy plant of easy culture. Has curious heads of bright rose colored flowers; blooms early to late. Packet, 5c.

Carnations and Picotees. Pinks

The most magnificent of all the Pink family, and are general favorites for their delicious fragrance and richness of color. Seed may be sown under glass in spring, or in the open ground; protect during winter: half-hardy perennials. The seed we offer has been imported from the best sources in Europe, and will produce many splendid novelties in double and semi double flowers.



NEW MARGARET CARNATION.



CARNATION PICOTEE.

| | |
|--|-----------|
| Carnations and Picotees—Stage-Flowers, all classes. Extra Fine Mixed—Of unrivaled quality, and certain to give satisfaction to the most critical..... | 25 |
| Perpetual or Tree Carnation—Double Choicest Colors Mixed..... | 25 |
| Picotee—Fancy Double Mixed..... | 25 |
| Scarlet Grenadin—Dwarf and compact; brilliant double scarlet: very early..... | 10 |
| Finest Mixed—Saved from the finest double named flowers..... | 15 |
| Fine Double Mixed—A small percentage will come single..... | 10 |
| Early Flowering Vienna—For open ground culture. CHOICE DOUBLE MIXED, ALL COLORS..... | 10 |

• • New Margaret Carnation. • •

The flowers are of perfect form, large and VERY SWEET SCENTED. The brilliant colors range through many beautiful shades of red, pink, white, variegated, etc. These sown in spring commence flowering in early summer, and continue to bloom in profusion until checked by frost, when they can be potted and taken into the house and will flower all winter, though, if intended specially for winter flowering, it will be better to sow later in the season. The plants are abundant bloomers, quite dwarf, much branched, compact and robust in habit, stands upright without support.

| | |
|--|-----------|
| Mixture of Choice Colors..... | 5 |
| Giant Margaret—A NEW and very fine LARGE FLOWERING strain. Mixed..... | 10 |

Dahlias. From the Seed.

Many are not aware that Dahlias from seed sown in the spring will bloom beautifully the first summer, and give good satisfaction. From one or two papers of seeds many plants can be raised, which will be of the greatest variety of colors, fully equal to many of the finest named sorts. Seeds germinate quickly and easily, and plants grow rapidly. We would advise starting seed under glass, and transplanting to the garden in good rich soil the last of May, where they will grow with surprising rapidity, and bloom early. When not convenient to sow under glass, sow in open ground as soon as the weather permits.

| | |
|--|-----------|
| Double Large Flowering—From select flowers. Extra Choice Mixed..... | 10 |
| Large Flowering, Double—Fine mixed..... | 5 |
| Double Pompon (Bouquet)—EXTRA CHOICE mixed, small flowered..... | 10 |
| Double Pompon—Good mixture..... | 5 |
| Tom Thumb, Dwarf—NEW, VERY FINE, double Cactus type..... | 10 |

| | |
|--|-----------|
| Cactus Dahlia—Distinct and beautiful: worthy of general cultivation. Finest Mixed..... | 10 |
| Single Flowered, Mixed colors—Flowers large, perfectly star shaped, formed of broad petals. THEY GROW AND BLOOM VERY SOON FROM SEED..... | 5 |
| Striped and Spotted—New and very beautiful, with finely cut foliage and large single flowers of perfect form and brilliant colors. Mixed..... | 5 |
| Tom Thumb, Single—Very dwarf—only about twelve inches high and twenty-four inches across. Splendid colors..... | 10 |
| LIVINGSTON'S MIXTURE, of Many Colors and Kinds. 2 packets, 25c..... | 15 |



Cockscomb. (Celosia Cristata.)

Highly ornamental plants producing crested heads of flowers resembling a cock's comb. Flowers are of many colors and shapes, but the scarlet and crimson are the most brilliant and rich. Showy plants may be raised from seed planted in open ground in May. The oftenier they are transplanted, or shifted, the larger and more beautiful they grow. Should be 3 feet apart. Tender annual.

| | |
|--|-----------|
| New Japan—The combs are delicately cut, while the colors are the brightest imaginable..... | 5 |
| Queen of the Dwarfs—It grows only eight inches high; combs seven to ten inches across, of perfect form and of brilliant dark scarlet..... | 10 |
| Glasgow Blue—Very dwarf; immense crimson combs: 1 foot..... | 5 |
| Golden Beauty—Golden yellow combs: plants only one foot..... | 5 |
| Dwarf—Choice mixture of all sorts and colors..... | 5 |

Ostrich Plume Cockscomb. (Celosia Plumosa.)

Handsome branching plants, about 2½ feet high, with long, graceful feathery plumes.

| | |
|---|----------|
| Crimson Plumed. 5c. Orange Plumed. 5c. Mixed Colors..... | 5 |
|---|----------|

Cypress Vine. Ipomœa Quamoclit.

This is a most beautiful climber, with delicate, dark green, feathered foliage, and an abundance of bright star shaped scarlet, rose and white blossoms, which, in the bright sunlight, present a mass of beauty. Planted by the side of a veranda, tree or stakes, and trained properly, nothing is prettier. The seed will sprout more readily if warm water is poured on the ground after sowing.

| | |
|---|----------|
| White..... 5c. Scarlet..... 5c. Mixed..... 5 | 5 |
| IVY LEAF—Flory scarlet flowers: heart-shaped leaves..... | 5 |

Datura. Trumpet Flower.

An attractive plant with large foliage and vigorous growth, producing a succession of large, trumpet-shaped flowers, larger than a Calla Lily, and having a faint perfume. 2½ feet.

Cornucopia—Horn of Plenty.

A magnificent variety with dark purplish stems. The flower is immense, 7 to 9 inches long, 5 inches wide at the mouth, and conical, having three cones, one w the other, each with spreading, wavy margins. Color is fine purple-white, the former predominating outside, and the latter within throat and tube of the flower.....

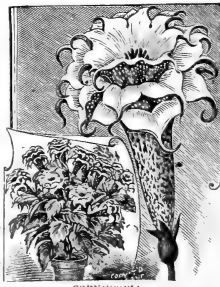
Wrightii—Large, single white flowers.....

Double Golden—Brilliant yellow flower of immense size, very showy and fragrant; very double.....

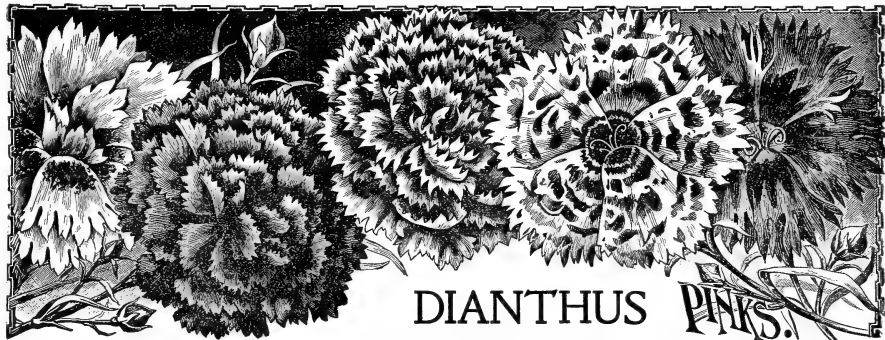
Double White.....

Double Purple.....

Fastuosa—Fine double, mixed colors.....



CORNUCOPIA.



DIANTHUS PINKS.

CHINA AND JAPAN.—Beautiful class of hardy pinks that flower freely the first season. Sow in a hot-bed, transplanting dwarf varieties six inches apart. If not kept too warm are useful house plants. Double varieties produce flowers as large as Carnation or Picotee. Hardy annuals that bloom the second season also if not allowed to bloom too freely the first. One foot high.

- **DOUBLE ANNUAL VARIETIES.**
- Chinensis** (China or India Pink)—Superb varieties, double, mixed. Ounce, 30c..... 5
 - Hedewigii** (Double Japan Pink)—Beautiful double flowers; mixed colors..... Oz., 60c..... 5
 - Diadematus** (Double Diadem Pink)—Large flowers of dark shades, marked with white and black colors; rich and beautiful. Oz., 75c..... 5
 - Imperialis** (Double Imperial Pink)—Choice colors mixed..... 5
 - Alba Flore-Pleno** (Snowball)—Double white, fringed flowers; fine..... 5
 - Mourning Cloak** (White Frill)—A splendid variety, with very double large flowers, of rich purple maroon, almost black, each petal edged with a margin of pure white; distinct; very fragrant..... 5
 - The Bride** (Little Gem)—A charming new white with rich purple center; very pretty..... 5
 - Laciniatius** (Double Fringed Japan)—Magnificent flowers, very large, petals deeply serrated and beautifully striped..... 5
 - Fireball**—Densely double dark blood-red flowers; extra fine..... 5
 - Double, Mixed**—Many choice kinds. Large Pkt., 10c; regular pkt. 5

- **SINGLE ANNUAL VARIETIES.**
- Crimson Bell**—Very large, single, brilliant dark red flowers..... 5
 - Eastern Queen**—Magnificent single flowers, two to four inches across. Most splendidly striped and stained..... 5
 - Hedewigii, Mixed**—Flowers 3 inches across; rich, beautiful colors..... 5
 - Laciniatius, Mixed**—Flowers very large, sometimes three inches in diameter, petals very deeply fringed and beautifully colored..... 5
 - SALMON QUEEN**—A most beautiful new Single Pink; the tints are distinct from all others; of the most brilliant salmon color imaginable; finely formed and nicely fringed..... 10

DOUBLE DAISY. (BELLIS.)

A charming little plant for pots, edgings and borders. Give it a cool, partially shaded place. Sow seeds very early. The flowers are abundant in early spring and may be made to flower later by the use of water. Plants can be removed safely, even when in flower. Tender perennial. Six inches.



- Double Mixed**—Finest German seed..... 5
- Double White**—Very fine..... 5
- Longfellow**—Very double dark pink flowers; of unusual size..... 10
- Snowball**—A large and very double pure white daisy. Flowers on long stems; excellent for cutting..... 10

DOUBLE DAISY.



DRACÆNA. (Club Palm.)
Beautiful ornamental plants suitable for vases and house-decoration
Mixed—Splendid sorts..... 10

ESCHSCHOLTZIA (California Poppies.)

Summer-flowering annuals with very showy flowers. Sow where they do not bear transplanting. Thin to 6 inches apart. The fine bushy plants grow about 1 foot. One of the best garden plants and easily grown. The large, brilliant saucer-shaped flowers are produced in great profusion.
Californica—Sulphur; orange center. Single 5
Mandarin—Large flowers of a bright scarlet; inner side rich orange. Single..... 5
Finest Mixed Single—6c. **Double Mixed** 5

- DIGITALIS.** "Foxglove" or "Witches' Fingers." Ornamental hardy border plants, easy culture, having long spikes of showy flowers. 3 to 6 feet. Mixed Colors, Spotted Varieties—Very beautiful. Mixed..... 10
Monstrosa, Mixed—Large spikes of novel and beautiful flowers..... 10
- EDELWEISS.** *Gnaphalium Leontopodium*—Famous and a dainty texture, pure white, star-shape; easily raised from seed..... 10
- EUTOCA.** Free-flowering; for beds, borders, etc.; excellent for cutting, because a branch placed in water will bloom many days, and is intense in color. Succeeds best in warm soil, not too rich. Hardy annual..... 5
- Eutoca Viscida**—Mixed Colors..... 5

EUPHORBIA.

Strong growing annuals, suitable for beds of tall growing plants or mixed border; the flowers are inconspicuous; the foliage, however, is very ornamental.
Variiegata—(Snow on the Mountain) Attractive foliage, veined and margined with white; 2 feet..... 5



Heterophylla—(Annual Poinsettia) Mexican Fire Plant, Painted Leaf—An annual resembling in habit and color the beautiful hot house Poinsettia. Plants grow 2 to 3 feet high, of bushy-like form, with smooth glossy green leaves, which, about midsummer become a beautiful orange scarlet, presenting a striking and brilliant appearance..... 10

FERNS. Too well known to need description. They thrive best in peaty, sandy soil and moist, shady positions in the garden in summer. The seed is a little slow to germinate. Sow very shallow, barely covering the seed with fine soil.
Choice Mixed Maiden Hair varieties..... 15
CHOICE MIXED—Fine collection..... 15

FOUNTAIN PLANT.

NEW PURPLE—Resembles a charming dwarf pampas grass, with most beautiful purple plumes. An elegant and graceful plant. 10

FOUR O' CLOCK—(Marvel of Peru).



Old-fashioned, but none the less beautiful. The plant is bushy, two feet high, and bears hundreds of flowers during the summer. The flowers are funnel-shaped, white, red and striped; very fragrant. Will grow in any good garden soil, from seed sown in open ground. Hardy annual.

Four O'Clock—Mixed..... 5
Colors, ounce..... 5
Variogated—Gold striped foliage, brilliant flowers, oz. 2 1/2..... 5
White Tom Thumb—A little beauty only ten inches high..... 5
Tom Thumb, mixed season..... 5
 A handsome little dwarf bushy plants filled with many-colored flowers..... 5
Long-stemmed white, very sweet flowers..... 5
Multiflora—One of the best, large violet flowers borne in bunches. 10

FREESIA. Very easily grown bulbs which can be readily produced from seed. The flowers are pure white with yellow throat, and are exquisitely fragrant. **Refrastra Alba**..... 10

FUCHSIA. Fuchsias are as easily grown from seed as cuttings, and from seed many new varieties are obtained. They will flower freely the first year in open ground, while the plants can be taken in the house in the winter, where they flower still more freely. **Finest Single and Double varieties, Mixed**..... 15

FORGET-ME-NOT—(Myosotis).



The Forget-me-not is an old, favorite plant, bearing clusters of star-shaped, delicate blue flowers with white and yellow eyes. It flourishes best in a moist, shady situation, and is in constant bloom nearly the whole season. Blooming the first year from seed if sown early. Seed sown in autumn will succeed best and flower in early spring. Hardy perennial.

Alpestris—bright blue, free blooming..... 5
Alpestris Alba—Pure white; 3/4 foot..... 5
Victoria—Of bushy habit; covered with large, azure-blue flowers; very fine..... 10
Victoria—New Rose..... 10
Grandiflora—New; large flowering; distinct and very fine..... 5
Dissitiflora—Compact habit; profuse early bloomer; large flowers of exquisite blue; an attractive bedding plant; 3/4 foot..... 10
Semperflora—Charming; thrives in sun or shade; blooms from early to late with beautiful blue flowers..... 5

GLOBE AMARANTH.

Annuals with bushy plants two feet high, bearing profusely: an excellent everlasting or immortelle; also ornamental as summer blooming plants; flowers globe-shape, white, purple, orange and variegated; retain their shape and color for years; also very useful as fresh flowers. Also called "Bachelor's Button". **Mixed, Many Colors**..... 5
Dwarf Double, Mixed—Of very compact, dwarf habit, only a few inches high; pretty for pots or edging..... 5
GLADIOLUS. Magnificent plants with sword-like leaves and long spikes of flowers of every conceivable color and shade. The variations are now numbered almost by thousands, each year bringing forth new and choice selections which have been produced from seed. Half hardy perennial.
Splendid Mixture..... 10 **Livingston's Hybrids, Mixed**. 10

GILLA. A familiar and popular garden plant with finely cut and delicate foliage, producing dense globular heads of clustered blossoms. Foliage and flowers are both beautiful. Sow in masses early in spring in good soil. Hardy annual. 1 foot. **Mixed Colors**..... 5

GLOXINIA. The Gloxinia is a grand flower and makes a lovely pot plant for early grown and cared for as many of the common flowers. Without seeing them no one can appreciate their unrivaled beauty; they are of large size, beautiful shape and profuse bloomers, the colors ranging from pure white to dark blood red, pink lavender, indigo-blue, marbled and spotted. They will bloom in three months from time of sowing seed, or in six weeks from time the dry bulbs are planted. Flowers will last in water, when cut, two weeks.
Our Splendid Mixture of best kinds is unsurpassed..... 25

GODETIA.

An attractive and hardy annual, deserving of extensive cultivation; profuse flowering plants, growing in almost any good garden soil.
Lady Almer—Brilliant dark crimson; very effective..... 5
The Bride—Crimson and white; fine..... 5
Duchess of Albany—Large glossy, satiny white flowers, about four inches across; beautiful..... 5
Bijou—Flowers double, white with large carmine spots; bears hundreds of flowers to a plant..... 5
Fine Mixed—Many sorts and colors..... 5
Dwarf Sorts, fine mixed..... 5

1/2 packets for 15 cents, one each of the above named Godetias.

GOURDS.

Small Ornamental Sorts—A great variety of curiously formed and marked fruit. The vines are of rapid growth and with luxuriant foliage, adapted for covering screens and arbors; 10 to 15 feet high.
Serpent—Striped like a serpent, changing to a brilliant carmine when ripe. 5 feet..... 5
Mixed—Many beautiful kinds. Oz doz..... 5
 For other varieties of Gourds see Vegetable List.



GERANIUM.

Zonale—Mixture of largest and finest sorts..... 10
Variogated Leaved—Bronze, Gold, Tri-color sorts..... 15
Apple Scented—Fragrant..... 10
Double Varieties, Mixed..... 25

GYPSOPHILA.

Small, fragrant flowers, borne on long, feathery stems. No flower adds more light and grace to a bouquet than this, and when once grown will be found indispensable. In bloom from July until frost. Although not belonging to the immortelle class, the flowers dry finely and are desirable for winter bouquets. Hardy annuals.
Elegans, Mixed—White and pink flowers. 1 foot..... 5
Muralis—Dwarf, of compact growth; for edgings, one of the most charming and graceful; thrives anywhere. Pink flowers, 6 inches..... 5

GAILLARDIA.

Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom during summer and autumn.
Loreziana—One of the most valuable annuals we have for cut flowers. Beautiful and distinct in appearance; flowers form in globular shape and are borne on slender stems; finely fringed; early; continues in bloom until frost. **Mixed**..... 5
Perennial—One of the most showy and perpetual blooming plants. **Many Colors Mixed**..... 10



HELIANTHUS (Sunflower).

A well-known genus of most showy plants, remarkable for their state of growth and brilliancy and size of their flowers; and to absorb the miasma from the atmosphere, thereby being a fever and ague preventive.
Mammoth Russian—Very large; single flower, oz. 10c..... 5
Mintura—A showy variety of dwarf branching habit; blooms profusely all seasons; flowers two inches in diameter; orange-yellow with black center; elegant shape, finest for wearing or bouquets. 3 feet..... 5
Globe of Gold—Globe shape, extra double; large flowers very much resembling a fine yellow Dahlia..... 5
Nanus—Double dwarf, orange flowers; 4 feet..... 5

HUMULUS JAPONICUS—(Japan Hop).

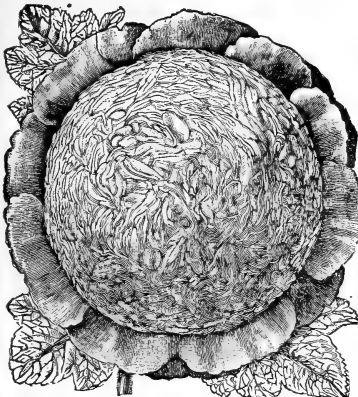
This new Japanese variety of Hop is a splendid annual climber for rapidly covering arbors, walls, terraces, etc. **Japonicus**..... 5
New Variogated—Leaves beautifully variegated with white..... 10

HYACINTH BEAN—(Dolichos Lablab).

A splendid annual climber, with abundant clustered spikes of purple and lilac flowers, which are followed by exceedingly ornamental seed pods. It is of rapid growth, climbing 20 feet in a season. Plant the seeds after the weather has become warm.
Purple..... 5 **White**..... 5 **Mixed**..... 5 **Ounce**. 15

HONESTY—(Satin Flower).

Early, fine-flowering plant, bearing racemes of pretty, single purple flowers. The silvery seed-pouches are curious and pretty, and desirable for house ornaments and working in with everlasting flowers; a hardy biennial..... 5



HOLL YHOCK. The Hollyhock, in its present state of perfection, is very unlike its parent of olden times; it now ranks with the Dahlia, Aster, etc. For a background to a flower garden, perhaps no plant is so useful; the flowers are as double as a rose, of many shades of color. Hardy perennial; five feet high. The seed we offer of this handsome flower has been saved from the best collections in Europe.

SUPERB DOUBLE VARIETIES:

| | | | |
|--|------|--------------|----|
| Pure White..... | 10c. | Pink..... | 10 |
| Lemon Color..... | 10c. | Crimson..... | 10 |
| Faust—Black edged with white..... | 10 | | 10 |
| Chater's Finest Mixed—Double varieties of greatest perfection..... | 10 | | 10 |
| Extra Choice—Double mixed, many kinds..... | 10 | | 10 |
| Good Mixture..... | | | 5 |

❖ **HELICHRYSUM**—(Everlastings.) ❖
 Large, full, double, everlasting flowers, of various colors, from bright yellow to scarlet, shaded and tipped, also pure white. Particularly desirable as dried specimens, and exceedingly handsome bouquets may be formed of them for winter, if blossoms be gathered when on the point of expanding. Sow in spring in any good garden soil, and thin the plants to one foot apart each way. Hardy annual.

| | |
|---|---|
| Large Flowering Double Mixed..... | 5 |
| Double Small Flowered, Mixed Colors—A rich mixture..... | 5 |
| Dwarf Mixed—A mixture of dwarf kinds..... | 5 |

❖ **HEDYSARUM**—(French Honeysuckle.) ❖
 Handsome flowering plants, producing racemes of attractive pear-formed flowers. It bears some resemblance to the Scarlet Clover, but is a much bolder and handsomer flower, a desirable hardy perennial.

| | | | |
|------------------------------|-----|------------|---|
| Coronarium—Fine scarlet..... | 5c. | White..... | 5 |
|------------------------------|-----|------------|---|



❖ **HELIOTROPE.** ❖
 Every one loves the delightful fragrance and beauty of the Heliotrope, but very few are aware of the fact that it can be raised from seed as easily as Verbena. Seed sown in open ground and the plants will flower in August, while a fine display can be had earlier by starting the seed in the house and setting out plants when the weather is warm.

| | |
|--|----|
| King of the Blacks—Very deep..... | 10 |
| Boule de Neige—(Snowball)..... | 10 |
| Dr. Livingston—Very fine dark sort | 10 |
| Choice Mixed—Dark flowering | 5 |
| sorts, very fine..... | 5 |
| Fine Mixture—Of light and dark | 5 |
| shades..... | 5 |
| Queen Marguerite—Very large dark blue flowers, elegant..... | 15 |
| New Blue—Large blue flowers with white center, new and very fine | 15 |

❖ **IMPATIENS**—(Zanzibar Balsam.) ❖
 This plant is of compact, neat habit of growth, and almost a perpetual bloomer. Planted out in the open air at the end of June, it grows luxuriantly, flowers with the greatest profusion. A beautiful plant for window culture in winter. Tender perennial.

| | |
|--|----|
| Sultani—Bright rose..... | 10 |
| Splendens—Bright rosy carmine, splendid..... | 15 |

❖ **HIBISCUS.** ❖

A branching plant of the easiest culture, with rather pretty foliage, and large flowers. The flowers are exceedingly showy, and continue to bloom from June to October. Hardy annual. Two feet high.

| | |
|--|----|
| Africanus—Flowers cream yellow, with purple center..... | 5 |
| Crimson Eye—One of the best plants of recent introduction. The very large white flowers have a deep crimson center. Succeeds anywhere and blooms profusely from seed the first season if sown early..... | 10 |

Giant Yellow—A shrubby perennial with flowers 6 to 9 inches in diameter. The color is a rich deep cream with velvety maroon center. See seed should be started early in the greenhouse or window, so as to set outside early in the season..... 10



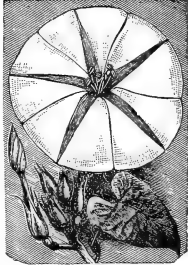
HIBISCUS, CRIMSON EYE.

IPOMOEAS.

Moon Flowers. Brazilian Morning Glories.

Climbers of rapid growth, with beautiful and varied flowers; for covering old walls, trellises, arbors, or stumps of trees, they are invaluable.

| | |
|--|----|
| Ipomea Coccinea—Small scarlet flowers in profusion; also known as the "Star Ipomea"..... | 5 |
| Bona Nox—(Evening Glory)—Violet, large, fragrant flowers, expanding in the evening..... | 5 |
| Heavenly Blue—(Rubro-Cerulea)—Immense flowers of bright sky-blue, very beautiful..... | 10 |
| New Japanese Morning Glories—Some have silvery-white, marbled foliage, and all with large trumpet-shaped flowers, beautifully margined, of various colors; mixed, all colors. Oz., 40c..... | 10 |
| Brazilian Morning Glory—(Setosa)—Flowers 3 inches or more across, of a beautiful rose color, borne in large clusters very freely from July to frost. Leaves 8 to 12 inches across. As a quick growing vine and dense shade it has no equal, covering an enormous space in a few weeks' time. We know of nothing better for covering trees, porches, etc..... | 10 |
| Mixed—All Colors. Per oz., 30c..... | 5 |
| White Day Glory—(Succata)—A lovely climber, vines slender, leaves distinct in others being deeply cut, flowers opens bell-shaped, white with red throats. Flowers open in the morning and close at night. <i>See seed early after soaking in warm water until they swell.</i> | 10 |
| LEARI—"Blue Dawn Flower"—This is a grand companion to the White Moon Flower. It has a lovely satin blue flower with crimson bars. Planted with the White the effect is great. Of easy culture outside and a grand greenhouse climber..... | 10 |



MOON FLOWER.

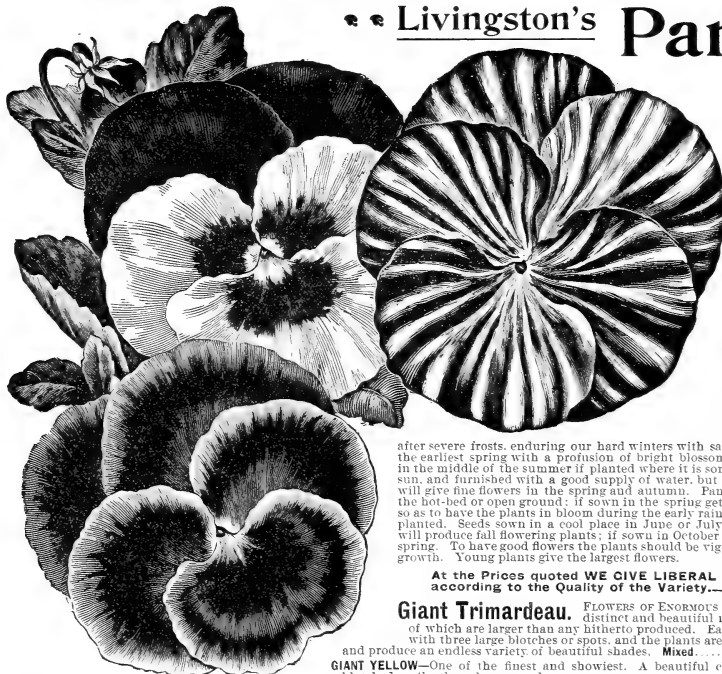
MOON FLOWER—White Seeded (Ipomoea Noctiflora, or Grandiflora Alba)—The variety most generally grown, being larger in flower, firmer in texture, and of sweeter odor than the common black seeded variety. It bears in greatest profusion its lovely immense white flowers, five to six inches in diameter, with a five-pointed star in the center; the flowers open at dusk, or earlier on cloudy days, at which time they are deliciously fragrant. To obtain the best results, start early in the house and set out as early as safe in the spring; usually they begin to flower early in August, the vines are nightly covered with flowers emitting a rich odor. If planted in rich ground, in a sunny situation, the vines attain a height of 25 feet in a season. Oz., 60c..... 10

MOON FLOWER—New Cross-Bred, or Hybrid—Of great value for the North as it is in full bloom fully one month earlier than the preceding, and while not quite so large as white-seeded, yet they are very numerous. It is of luxuriant growth. Flowers pure white, large and fragrant. Both foliage and flower vary in form on different plants, some being scalloped, others round and others five-pointed star-shaped; the foliage also varies from the original shape to oak-leaved and heart-shaped. It grows with great rapidity to a height of 50 feet; the bright green foliage makes an admirable shade for verandas and arbors. Oz., 60c..... 10

ICE PLANT. A singular looking plant with thick, fleshy leaves, which have the appearance of being covered with crystals of ice. Start early in pots and transplant into light, sandy soil in a warm situation. Tender annual.

Ice Plant—(Mesembrianthemum Crystallinum)..... 5

Livingston's Pansies



Our Pansy seed is the Best to be obtained. This favorite flower is one of our Specialties, and the following varieties and mixtures are secured from special Pansy Growers in the United States, England, Germany, France, and elsewhere, regardless of cost. We do not hesitate to recommend them with the greatest confidence to florists having the most critical trade.

These charming favorites are very much improved in color, size and shape, and no flower is more popular with florists and amateurs, giving abundance of bloom until

after severe frosts, enduring our hard winters with safety, and greeting us in the earliest spring with a profusion of bright blossoms. It will flower better in the middle of the summer if planted where it is somewhat shaded from the sun, and furnished with a good supply of water, but in almost any situation will give fine flowers in the spring and autumn. Pansy seed may be sown in the hot-bed or open ground, if sown in the spring get in as early as possible, so as to have the plants in bloom during the early rains; they are easily transplanted. Seeds sown in a cool place in June or July, and watered until up, will produce fall flowering plants; if sown in October they will flower in early spring. To have good flowers the plants should be vigorous and make a rapid growth. Young plants give the largest flowers.

At the Prices quoted WE GIVE LIBERAL SIZE PACKETS, according to the Quality of the Variety.

Giant Trimardeau. FLOWERS OF ENORMOUS SIZE. An altogether distinct and beautiful new one, the flowers of which are larger than any hitherto produced. Each flower is marked with three large blotches or spots, and the plants are of compact growth and produce an endless variety of beautiful shades. **Mixed**..... 10

- GIANT TRIMARDEAU WHITE**—Very beautiful, white, with violet eye. 10
GIANT STRIPED—Flowers of enormous size, beautifully striped..... 10
STRIPED AND MOTTLED—Large flowers; splendid..... 10
CASSIER'S GIANT ODIER—Five blotched; the largest flowered and heaviest blotched of this class. Various colored, large, handsome, perfectly formed flowers, dark spots on each petal. Rich and showy. **Mixed**..... 10
GIANT BLACK-BLUE—Large and very distinct; rich..... 10
METEOR—Bright brown, beautiful, margin of yellow..... 10

Empress Pansies. We have secured, direct from the originator, a noted Pansy Specialist of England, some of this extraordinary fine "make-up," which has carried off more prizes than any other shown at the many critical exhibitions in that country..... 25

Bugnot's Giant Blotched. FLOWERS ARE OF ENORMOUS SIZE, HEAVILY CIRCULAR in form, and in a great variety of the handsomest and rarest colors, including some shades found in no other variety. Each petal has a distinct, deeply colored broad blotch..... 10

VICTORIA RED—Red, fine and very effective color; the large blooms are of good substance and form..... 10

PEACOCK—Bright colored, large and beautiful, the upper petals being of a beautiful ultramarine blue, resembling in shade the Peacock feather, while the lateral and lower petals are of a deep claret, with white margins..... 10

EMPEROR WILLIAM—Large, handsome flowers, brilliant ultramarine blue, with purple violet eye, borne in great profusion..... 5

BLACK BLUE—Very rich and constant..... 5

LORD BEACONSFIELD—A highly attractive variety; deep violet, shading to heliotrope, and white on the upper petals..... 5

QUADRICOLOR, or PHEASANT'S EYE—One of the prettiest and most peculiar. Upper petals light blue edged with violet, lower petals marbled and spotted..... 5

Special Pansy Offers

We offer buyers Choice of one or more packets of above Five 5c. Packets, 20c.; three 10c. packets, 25c.; seven 10c. packets, 50c.; three 25c. packets, 60c. 15 packets, brightest and best Pansies, our selection of varieties, mailed for only \$1.00.

- GIANT YELLOW**—One of the finest and showiest. A beautiful clear yellow, heavily blotched on the three lower petals..... 10
FIRE KING—Golden yellow, upper petal purple; very showy..... 5
BELGIAN STRIPED—Lovely class; beautiful flowers of various shades..... 5
ENGLISH "FACE" PANSY—Flowers light and dark blue in color, each marked with a distinct "face"..... 5
Azure Blue—Extra fine..... 5
Light Blue—Lovely; nearly sky blue..... 5
Yellow (Black Center)—Splendid..... 5
YELLOW GEM—Without eye; very fine..... 5
Dark Purple—Rich deep purple; fine..... 5
Mahogany Colored—Very fine..... 5
SNOW QUEEN (Snowflake)—Delicate satiny white; very pretty..... 5
KING OF THE BLACKS (Faust)—Almost black; darkest known..... 5
Silver-Edged—Dark purple, with a distinct white edging; a most charming Pansy..... 5
Gold Margined—Splendid..... 5
Pure White (Black Center)—Very showy..... 5
Violet—Margined with white; extra fine..... 5

NOTED MIXTURES OF PANSIES.

- GERMAN IMPERIAL, Mixed**..... 10
ENGLISH PANSY, Finest Mixed..... 10
FRENCH PANSY—Large flowering, in choice mixture..... 10
NON PLUS ULTRA—Very choice mixture of finest varieties. Finest mixture ever sent out by a noted German Pansy specialist..... 10
INTERNATIONAL MIXTURE. ("All Nations")—A favorite mixture..... 10
MAMMOTH BUTTERFLY MIXTURE—Fine..... 2 packets, 25c. 15
LARGE FLOWERING—Many separate colors and choice kinds. VERY FINE MIXED. $\frac{1}{2}$ oz. 25c.; $\frac{3}{4}$ oz. 40c.; oz. \$1.25..... 10
GOOD QUALITY, Mixed—Oz. \$1.00. $\frac{1}{4}$ oz. 30c.; 4 packets, 15c..... 5

PANSIES.

LIVINGSTON'S FANCY MIXTURE.

THIS MIXTURE HAS BECOME FAMOUS THE COUNTRY OVER.

The seed is saved from the largest flowers of most perfect form, richest colors, and first-class in all points. Universally admired, and sure to please all lovers of choice, large and fancy Pansies.

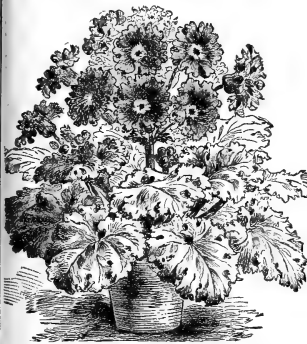
Packet, 25 cts.; 3 Packets for 60 cts.



PASSION FLOWER. An interesting and well-known climber, flowers, well adapted to house culture in winter or for training over porches, etc., or in sunny positions in the open ground in summer.

Coccoloba—Large flowers of violet and blue. 10
Incarnata—("May Pops")—This singular and beautiful climber will flower the first season from seed, and is a remarkably pretty vine. Flowers 2 to 3 inches across, flesh white with purple rays; these are followed by beautiful golden edible fruits. 10

PENTSTEMON. A popular and most beautiful and attractive spikes of rich-colored flowers of white, pink, scarlet and blue, beautifully spotted and marked; will bloom in June the first season if sown early in March and planted out in May; half-hardy Perennial. 2 to 3 feet. Large Flowering—A splendid mixture. . . 5



FRINGED PRIMULA.

PYRETHRUM—YELLOW FLOWERED SORTS. "Golden Feather."

Dwarf-growing plants extensively used for ribbon and carpet bedding; plants grow about 6 to 12 inches high, with bright yellow foliage. Usually grown as annuals, although they are perennials.

POPPIES.

Showy and ornamental plants with large flowers of brilliant colors. Very attractive in large beds, clumps and mixed borders. They are of easy culture, and will succeed in any garden soil, flowering in great profusion all summer if sown early in spring. Should be sown where it is to remain, as they do not bear transplanting. 2 feet high. Hardy annual.

TULIP POPPIES—The large and splendid flowers are of the most dazzling scarlet imaginable. The two outer petals resemble a saucer in which are set two erect petals of the same color. The color is of such richness as to fairly dazzle the eye. 5

FAIRY BLUSH—Immense globular flowers, perfectly double, 4 to 5 inches across; elegantly fringed, pure white with rose tipped petals. 5

Carnation-Flowered DOUBLE. For dazzling richness and variety of colors the flowers are unequalled. Oz. 25c. 5

Paeony-Flowered—Large, showy double flowers. Mixed, oz. 20c. 5

GOLDEN GATE—A fine mixture of singles, doubles and semi-doubles, with no end to the colors. 5



THE SHIRLEY POPPY.

PORTULACA.

"Rose Moss"—Should be in every garden. Scarcely any flower in cultivation makes such dazzling display of beauty as a bed of brightly colored many-lined Portulacas. In bloom from July until frost. Plant in dry, sandy soil in open ground as soon as it has become warm. Let the bed have full exposure to the sun and withhold water after the plants appear. They will stand any amount of dry weather. Blossoms of Double varieties are about 1 1/2 inches across, perfectly double, of many colors and remain open all day. Tender annual, 9 inches high.

FINEST SINGLE MIXED—Many beautiful sorts. 5
DOUBLE ROSE FLOWERED—As double as the most perfect rose; 10
FINEST QUALITY OF MANY COLORS MIXED 10
Double Rose-Flowered White—VERY FINE 10
Double Rose-Flowered Rich Scarlet 10
Double Rose-Flowered Bright Orange 10

Primula.

(CHINESE PRIMROSE.)—Charming, profuse blooming plants for winter and spring decoration in the house. Sow seed in March, cover lightly and keep moist. Transplant as the second leaves appear, and continue shifting as they grow.

FIMBRIATA LARGE FLOWERING FRINGED SORTS.

PURE WHITE 25c. **FERN-LEAVED, Choicest Mixed** 20
LARGE FLOWERING FRINGED—A superb mixture that gives the greatest satisfaction 25
LARGE FLOWERING (Unfringed)—Finest mixed; gives satisfaction for general purpose 15
DOUBLE FRINGED LARGE FLOWERING—Mixed; splendid 35
OBCONICA—A lovely and profuse blooming Primrose bearing on long stems heads of beautiful flowers. White, shaded occasionally with a tinge of lilac; an ever-blooming plant producing elegant clusters of flowers having the true Primrose fragrance 10
Japonica (Japanese Primrose)—One of the most beautiful. Bright, showy flowers borne on short stems 8 to 12 inches high. Seed usually slow to germinate, and should be left after sowing in a cool, moist place for four weeks then placed in hot-bed or house giving bottom heat. **Mixed Colors** 10

PYRETHRUM. (FEVERFEW)—Hardy Flowering Varieties—Valuable hardy border plants throwing up numerous stems about 2 feet high, each surmounted with large flowers two to four inches across; colors rose, flesh, pink, crimson, etc. Remains in bloom a long time. (Also see *Matricaria*.)

Single Large Flowering Hybrids Mixed—10c. **Double Large Flowering Hybrids Mixed** 15
Roseum—(Persian Insect Powder Plant)—From the dried and powdered flowers is made the famous Insect Powder. Sow seed in boxes, as early as the season will permit, and transplant when small to 16 inches apart. Flowers should be gathered when in full bloom, dried carefully and stored in paper bags. Before using flowers should be powdered as fine as possible. The fine large flowers are from white to pink and deep rose color, borne well above the plant, singly on long stiff stems; valuable as a cut flower. Keep the early flowers well cut off and they will bloom again in the fall. Entirely hardy. About 2 feet 3 pkts. 25c. 10

Aureum (Golden Feather)—Foliage deeply cut and fringed; a rich yellow color 5

Selaginoides—Fine fern-like leaves, bright, golden yellow. Extra fine for edging flower beds or bordering beds of Coleus, etc. 10

SHIRLEY—A new strain of marvelous range. Colors range through shades of delicate rose, pink, carmine and brilliant crimson. Many flowers are edged with white and the petals have a glossy, silk-like texture. 5

SNOWDRIFT—Pure snow-white; extremely double flowers of perfect form; large size 5

ORIENTAL—Large, gorgeous blossoms of darkest red; beautiful; one of the showiest of hardy Perennials. Poppies; specimen flowers have been grown to measure nine inches. 5

MIKADO—Very distinct in color and character. Large, double, pure white flowers, with elegant curled petals, edged with semi-double 5

ICELAND POPPIES—The fragrant elegant flowers are produced in succession from early in June to October. The flowers will last a week if cut as soon as open. Rose, white, scarlet and gold in **Fine Mixture** 5
Bright Yellow 5

Livingston's Mixture. Composed of many excellent sorts and colors; will surely please. Oz. 40c.; 1/2 oz. 25c. 5
ANY SEVEN 5-CENT PACKETS OF POPPIES FOR 25 CENTS.

Livingston's... Sweet Peas.

A Superb Collection
Including Best
Up-to-Date Kinds.

IN REARRANGING OUR SWEET PEA LIST this season, after making thorough tests on our extensive trial grounds, and consulting the opinions of well-known Sweet Pea Specialists, we have discarded some older varieties, inserting such of the new sorts and recent introductions as are worthy of our commendation, retaining only the best for general cultivation.

The following varieties, selected with a view to please the most critical, and grouped for the convenience of customers according to their various shades and colors, we think, are **The Cream of the List.**

How to Grow. Plant early in rows North and South—April 1st is none too soon, if the ground will work. Make a trench 12 inches deep and 15 inches wide. Work into the soil in bottom of trench plenty of well rotted manure, fill 8 inches of trench with fine soil and sow the peas, covering one inch deep, (if about April

1st, in two rows 10 inches apart and seeds 2 inches apart in the rows; if planted later, cover deeper. When well up fill in with earth gradually as they grow until the trenches are full. The object is to get the roots well down so that they may resist drought. Give plenty of water, pick the blooms without stint, and do not let run to seed. Use brush or trellis 5 or 6 feet high.

Price. (Postpaid, any variety on this page—Packet, 5c; oz., 10c; ¼ lb., 25c.; lb., 75c. Any 6 pkts., 20c. Any 15 pkts., 40c.

PURE WHITE.

Blanche Burpee—A grand pure white of superior substance, giant flowers of fine form, usually 3 on a stem, often four-flowered.

Emily Henderson—A deservedly popular EARLY White of excellent substance and purity; bears 2 or 3 (sometimes 4) medium to large flowers on long stiff stems.

Mrs. Sankey—A fine black-seeded White of superior form and remarkable substance.

Katherine Tracy—A perfect expanded large sized flower of good substance; a favorite shade of carmine pink.

Eliza Eckford—Distinct and beautiful: pink shaded and flaked; large and fine.

Blushing Beauty—Medium early; rich deep blush pink; large hooded form; very fine. (ROYAL ROBE.)

Mrs. Gladstone—Early to medium early; soft flesh pink, of good size. One of the best of its type.

Lovely—A most pleasing shade of pink; wings delicate rose, charming color; a large, grand flower. Greatly admired.

SHADES OF ROSE.

Lady Penzance—Beautiful tint of delicate rose; medium early; abundant bloomer; long stems.

Ovid—A deep, rich rose color.

Her Majesty—A grand, clear rosy pink; large bold flowers.

Oddity—Large flower of peculiar curled habit; pale carmine with a bright rose edge; a great bloomer.

W. H. Barnard, Polk Co., Iowa. "Our Sweet Peas were the envy of the neighborhood; they lasted till frost took them."



THE
BON
TON
SIX

The Best and Biggest Flowered
SWEET PEAS—One Packet each of the
following colors—

RED, GRAY, PINK, WHITE,
LAVENDER, VARIEGATED.

The BON TON 6 Pkts. for 20c.
A MIXED PACKET of the 6 for
10 cents; oz., mixed, 25 cents.

Price. (Postpaid) any variety below, unless otherwise quoted—
 Pkt., 5c.; oz., 10c.; ¼ lb., 25c.;
 lb., 75c. Any 6 packets, 20c. Any
 13 packets, 40c.

SHADES OF SCARLET.

Firefly—Intense crimson scarlet; large flowers; one of the best.
Brilliant—A new brilliant scarlet flower of excellent substance.
Mars—A most intense crimson red; flowers of large size and most perfect form; a strong grower, and medium early.

SHADES OF MAUVE OR LAVENDER.

Chestial—Fine lavender; free flowering sort.
Emily Eckford—Quite early, of distinct purple blue; good bloomer; extra long stems.
Golden Gate—Of very peculiar form; pink lavender mauve blended.

SHADE OF BLUE.

Captain of the Blues—(Grand Blue)—A true blue in general effect; 3 or 4 large flowers on good stems; a free and early bloomer.

SHADES OF CLARET.

Captivation—Large shell-shaped flowers; standard purplish claret; wings purplish lake.
Duke of Clarence—Deep rose claret; first-class in size and substance; an abundant bloomer.
Waverly—Rosy claret; blue wings.
Monarch—Large broozy maroon and dark blue.

DISTINCT BLENDINGS.

Venus—A lovely salmon buff, shaded rosy pink.
Apple Blossom—Bright rose and pink; a fine, large, beautiful flower.
Lottie Eckford—White ground, lightly suffused with heliotrope, edges of standard and wings clear, deep blue; flowers large and fine.
BUTTERFLY—White, edged and shaded with blue; a very acceptable variety, and one of the best we have ever grown.

MANY NEW VARIETIES OF SWEET PEAS WILL BE FOUND IN THE NOVELTY PAGES.



"Sweet Peas and How to Grow Them."

Written especially for our customers by a successful grower. This booklet is **SENT FREE** on request to our Sweet Pea customers. To all others 10 cents.

THE BEST RED OR ROSE STANDARDS AND WHITE WINGS.

EXTRA EARLY BLANCHE FERRY—The earliest of all Sweet Peas. Same as Blanche Ferry, but flowers ten days earlier; the wings are white, standard deep rose pink.
Blanche Ferry—The popular pink and white; stems three-flowered, of good length; a vigorous and profuse bloomer; very early.

VARIEGATED SORTS.

Mrs. Jos. Chamberlain—A very large flower of extra fine form, bright rose, heavily striped on white ground.
Ramona—A fine grandiflora, creamy white, spashed and flaked with soft pink.
Senator—Fine, large, dark-striped flower, bright brown and chocolate shaded, striped on white.
Gray Friar—Large blossoms of excellent form, beautiful watered-purple on white ground, giving a gray effect; makes attractive bouquets.
Daybreak—Watered crimson scarlet on a white ground; a free bloomer; vigorous, upright grower; good stems.
Aurora—A giant flower of rich salmon pink on white ground; very effective.

Red Riding Hood—A remarkable departure in form. The standard is drawn down into a snug hood; a bright rose color; fragrant; free bloomer. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.

NEW DOUBLE SWEET PEAS.

Not thoroughly established, as only about 30 per cent. of the flowers came double. Worthy of a trial, but we make this explanation that patrons may not be misled. Mixed—Pkt., 5c.; oz. 10c.; ¼ lb., 25c.; lb., 85c.

SWEET PEA MIXTURES.

LIVINGSTON'S SPECIAL MIXTURE—A make up from finest new, large-flowering sorts and new novelties. No mixture surpasses it. Large packet, 10c.; oz., 15c.; ¼ lb., 30c.; lb., \$1.00.

ECKFORD'S "GILT EDGE" MIXTURE—Of undoubted superiority. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

FINE MIXED—All sorts and colors A fine mixture for the low price. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 45c.

"CHEAP JOHN" MIXTURE—This mixture is made up to meet the "cut prices" of certain houses; it contains many old varieties and will please those not familiar with the new beauties, but we do not recommend it to our best friends. Lots of Peas for the money. Oz., 5c.; 3 ozs., 10c.; lb. 30c.



"OLD GLORY" MIXTURE.

The three best up-to-date varieties of Red, White & Blue Sweet Peas Mixed in equal proportion. Pkt., 5c.; oz., 10c.; ¼ lb. 30c.; lb. \$1.00.



HARDY SWEET PEAS, Perennial or Everlasting.

(*Lathyrus Latifolius*)—Perennial climbers suitable for trellises, arbors, etc. They die down every year and start again in the spring; hardy perennial, 5 to 6 feet.
WHITE—Packet, 5c. **MIXED**—Packet, 5c.
SPLENDENS—Pride of California—Brilliant rosy red. Pkt., 10c.

Phlox Drummondii.

The Phlox Drummondii, for splendid mass of colors and a constant display, is not excelled by any other annual or perennial. It has every desirable quality for this purpose. The colors range from the purest white to the deepest blue purple or crimson. Seed may be sown in the open ground in May, or in hot bed or cold frame earlier, and in either case, from June, during the summer and autumn, they make a most brilliant bed of showy, yet delicate flowers, blooming continually until frost. A good ribbon bed of the Phlox is a most dazzling sight, and there is nothing so cheap. In a good rich soil it will grow 18 inches high. Set plants one foot apart. Easily transplanted.

PHLOX DRUMMONDII, Many Choice Varieties Mixed. Oz. 50c.; ½ oz. 30c. 5

LARGE FLOWERING PHLOX (Grandiflora).

A decided improvement on the Drummondii. The flowers are perfectly round and almost double the size, and the colors are most brilliant.
Intense Scarlet..... 5c. **Scarlet Striped**—A BEAUTY..... 5
Blood Red—Darkest of all..... 5c. **Carmine**—White eye..... 5
Crimson—Very bright and effective 5c. **Rosea**—Pink, with white eye..... 5
PURE WHITE—Beautiful; fine for cutting; extra large. Oz. 90c.; ½ oz. 50c. 5
SPLENDENS—Vivid crimson, with a pure white star-center..... 5

LARGE FLOWERING (Grandiflora).

OUR SPECIAL MIXTURE—In richest varieties of colors. Oz. 75c.; ½ oz. 40c.; ¼ oz., 25c. 5

STAR-SHAPED PHLOX, STAR OF QUEBLINBERG—(*Fringed Phlox*)—The flowers have a regular star-like form; the plant is of dwarf compact habit and bears large umbels of flowers. As easily grown as the common Phlox, and flower just as profusely during the entire summer. **Extra Fine Mixed Seed**, comprising many varieties of this odd and beautiful strain..... 5

NEW DWARF PHLOX. This new strain is of dwarf, compact habit and well adapted for pot culture; also for ribbon lines and massing; 6 to 8 inches high. A desirable market plant. **Finest Mixed Colors**..... 10c. **Fireball**—Extra fine..... 10
Snowball—Excellent..... 10

DOUBLE PHLOX. Of late years several semi-double flowering Phloxes have been introduced, the value of which as cut flowers will have been recognized by those who have tried them. **Note**—In order to produce the best double flowers they should be grown in a light, sandy soil.
Double White—Charming white flowers, 60 to 70 per cent. double..... 10
Double, Mixed Colors..... 10

FOR 25 CENTS ANY THREE 10-CENT PACKETS OF PHLOX. ANY SEVEN 5-CENT PACKETS OF PHLOX.

***** HARDY PHLOX. *****

They are perfectly hardy and need no protection in winter; will flourish in any soil, succeeding better, however, in deep, rich, moist ground. Bushes grow 2 to 3 feet high, and have immense heads of waxy flowers; large and beautiful.

Many Lovely Shades Mixed..... 10



PHLOX, LARGE FLOWERING GRANDIFLORA.

PETUNIAS

are unsurpassed, if indeed equaled, for massing in beds. Their richness of color, duration of bloom and easy culture will always render them welcome and popular. They will do well sown in open border in spring, or earlier in a cold frame or hot-bed, and transplanted eighteen inches apart. By the latter process they will come into bloom much earlier, though they will do perfectly well sown in the open ground. Be careful not to cover the small seeds too deeply; they like a sandy loam. Hardy annual.

NEW STRAIN OF

PETUNIAS



CALIFORNIA GIANT
PETUNIA FLOWER.

VARIETIES SUITABLE FOR BEDDING.

| | |
|---|----|
| Alba—Pure white, very fine, suitable for cemetery..... | 5 |
| Dwarf Inimitable—Forms a compact little plant, 5 to 8 inches high, covered with beautiful cherry-red flowers with white center, suitable for edging or massing..... | 10 |
| Giant Striped—A beautiful strain..... | 10 |
| Brilliant—Rosy carmine, and a compact grower..... | 10 |
| General Dodds—New—Dark rich velvety red; handsome..... | 10 |
| Countess of Elsemere—Deep rose, with white throat..... | 10 |
| Blotched and Striped—Flowers with star-shaped blotches, of fine form, very effective..... | 5 |
| Extra Fine Hybrida—A superb strain and very rich mixture..... | 10 |
| Fine Mixture—Pink, white, crimson, etc..... | 5 |

LARGE FLOWERING—FANCY HYBRIDS.

| | |
|---|----|
| Single Fringed Large Flowering—Extra fine mixed..... | 20 |
| Double Fringed Large Flowering—Very choice fringed..... | 25 |
| Double Large Flowering—All Sorts—A superb mixture..... | 25 |
| Single Large Flowering—In choice mixture..... | 15 |

GIANTS OF CALIFORNIA PETUNIAS. The flowers are ruffled and fringed, and are of enormous size, often five inches across, but their great merit lies in the innumerable varieties of colors, with markings, veinings, blotchings and stripings; some of the colors are rich and gorgeous, and others of lovely, delicate shades.

Choicest Mixed Varieties..... 15

GIANT—(Snowstorm)—Extra large flowers, 4 to 5 inches in diameter, of splendid substance; purest glistening white, with ruffled or fringed edges, deep yellow throat..... 20

GIANT—(Aurora)—Lovely shade of rosy pink, with a distinct red band around the deep, exquisitely penciled white throat; flowers of immense size and perfect shape..... 20

GIANT—(Midnight)—Dark claret crimson, with a surface bloom like that of a purple plum. In the sunlight it looks like crumpled velvet. The flower size of immense size, with fringed edges and deep intricately veined throats..... 20

RODANTHE. This well-known annual is one of the best ever sown in flower beds, valuable for winter bouquets, but especially desirable as an ornamental bedding plant in summer and for pot culture in winter. They remain in bloom a long time. For winter bouquets the flowers should be cut before fully expanded, and, if dried in the shade, will retain their brilliancy for years. The leaves are heart-shaped and lustrous, and the calyx long, scaly and shining. Seeds should be started and the plants transplanted to a warm situation one foot apart. Colors, white, pink and crimson; 1 foot high. Many Colors..... 5

ROSES. (Dwarf Polyantha, or Japanese Hybrid.—Roses.)

Midget, or "Fairy" Roses—These beautiful little roses are very double (seldom single), borne in many-flower clusters and contain all the tints of cultivated roses. They grow only ten inches high and commence blooming in a few weeks after the seed is sown. They make a fine show the first season but are not at their best until the second year. They continue to bloom year after year in profusion from May until frost. Sow in a cold frame in February and plant out during April..... 15

ROCKET—(Hesperis.) The Sweet Rocket produces large clusters of flowers which are very fragrant. Seeds rapidly germinate in the open ground with very little care. Hardy perennial; 1/4 feet high. Mixed—Purple and white..... 5

RICINUS—(Castor Oil Bean.) Stately, strong-growing plants, with very ornamental foliage, particularly adapted as center plants of groups of Cannas, Japanese Mice, Caladiums, Dahlias, etc. Annuals. Of very quick growth in rich soil.

Zanzibarensis—A new and distinct class which surpass in size and beauty all the varieties hitherto known. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves. We grew them last season with leaves from 3 to 4 feet across. The different varieties included in our mixture of four sorts have light and dark green leaves and some of coppery bronze changing to dark green, with reddish ribs. The colors are large, distinct in color and beautifully marked. Oz., 25c. 1/2 oz., 15c.

Coarulescens—Bluish green; very fine..... 5

Cambogensis—New—Large palm-like leaves, of a bronzy-red maroon; stalks and stems nearly black. Six to eight feet..... 5

Borboniensis Arboreus—Shoaly foliage; 15 feet..... 5

Giganteus—Leaves immense, richly veined and marbled; 10 feet. Mixed—Many of the best sorts..... 5

SALPIGLOSSIS. Velvet Flower or Pointed Tube Tongue—richly-colored, erect, funnel-shaped flowers. The colors beautiful; marbled and penciled purple, scarlet, crimson, yellow, blue and black; plant in warm, rich soil; very fine annual.

Grandiflora—New large-flowering; extra fine. Mixed..... 5

*** **SAPONARIA—(Bouncing Bet.)** ***
Beautiful, compact-growing plants with masses of miniature cross-shaped flowers, blooming throughout the summer and late in the autumn; annual. Mixed—All colors; six inches..... 5

STOCKS, German Ten Weeks (Gillyflower.)

Stocks have for many years been a general favorite, but of late years the Germans have grown them in such perfection that they are considered almost indispensable where a fine display is wanted. In brilliancy of color and general effect they are unsurpassed. Equally fine for bedding borders, massing or for pot culture. The Ten Weeks Stocks will bloom about 10 or 12 weeks after being sown. For early flowering sow in the house in February and March, and plant in open ground in May. A little shade from the hot-pest sun, and water in the evening, will add much to the size, color and durability of flowers. We import our seed direct from one of the best German growers.



Large-Flowering Dwarf Ten Weeks—Pure white..... 10

Largest-Flowering Dwarf—Magnificent spikes of very large flowers; all colors. Mixed..... 5

Dwarf German Ten Weeks—Large flowering; fine mixed..... 5

Large-Flowering Pyramidal Dwarf—Pyramidal habit; long spikes of large double flowers; many choice colors mixed..... 10

Snowflake Dwarf Ten Weeks—A beautiful variety of Dwarf Wallflower-leaved Large-flowering Stocks. One of the earliest of all Ten Weeks Stocks, and admirably adapted for forcing; the snow-white flowers are uncommonly large and very double..... 10

Blood Red—Very fine new sort..... 10

Princess Alice—and **Come Again—**A fine, perpetual blooming stock. If sown early it blooms from June until frost, and the flowers are perfect during Sept. and Oct. It throws out numerous side branches bearing clusters of very double pure white fragrant flowers, about 2 feet high..... 10

Emperor, or Brompton—These make very bushy and branching plants, with an abundance of large flowers. Sow in July or Aug. Will last several years when protected. Mixed colors; 2 feet.... 10

SWEET WILLIAM.
(*Dianthus Barbatus.*)

A very beautiful class of plants of extreme richness and diversity of color. They have been greatly improved of late years; 1½ feet. Hardy perennials.

Fine Mixed Single—All colors
Ounce, 40c..... 5

Double Flowering—All colors of splendid collection..... 5

STEVIA.

Very pretty and furnish excellent material for bouquets; suitable for winter or summer; or bloomer from seed the first year.

Serrata—Flowers white, star-shaped; leaves fragrant.... 5
Purpurea—Flowers pinkish red; very fine..... 5



SWEET WILLIAMS.

SCABOSIA—(*Mourning Bride.*) A useful and ornamental plant with rich and beautifully-colored flowers; effective for beds or borders; excellent for cutting. This old and well-known annual is not as generally cultivated as it deserves.

Firey Red—New, deep firey scarlet..... 5
Double Black—New, very large double, almost coal black..... 5
Snowball—Elegant double white flowers; charming for bouquets. 5
Double Yellow—The plants are semi-dwarf and bushy, a profuse bearer of double flowers of a very fine golden yellow color.... 5
Large-Flowered Double—New, semi-dwarf, compact and upright, long, stiff stems and large, round, perfect double flowers of remarkable color. Splendid mixture..... 5
Dwarf Double, Mixed—Compact habit, profusely bearing extremely double flowers of great beauty; one foot..... 5
Tall German—Mixed, all colors; two feet..... 5

SALVIA—(*Flowering Sage.*)

Very ornamental plants, flowering in spikes, and continues to bloom in open ground until frost, when the plants can be removed to the greenhouse and will continue to bloom a long time. Plants may be started in a hot-bed, and transplanted to light, rich soil, about one foot apart. Tender perennial.

Coccinea Lactea—Pure white; fine..... 10
Patens—Brightest and bluest of all flowers..... 15
Splendens—Gorgeous plants, with spikes of intensely vivid scarlet flowers; the spikes are numerous and 10 to 12 inches in length. Continue to flower profusely all summer, and until killed by late frosts. Of the easiest growth, and should be in every garden.... 10

SENSITIVE PLANT.

A curious and pretty annual plant; the leaves and foot stalks close and droop at the slightest touch, or in cloudy, damp weather, and during night; easily grown; seeds may be started under glass and transplanted to the open ground when the weather is warm. A plant or two reserved for the house will afford much amusement during winter.... 5

SILENE—(*Catch Fly.*)

A showy, early, free-blooming plant; easy culture, growing in any garden soil; colors, red, white and rose. One foot.
Choice Mixed—Annual sorts. 5

SWEET SULTAN—(*Centaurea Moschata.*)

A sweet-scented, profuse flowering, showy plant of easy culture, and very effective in shrubbery. Hardy annual. Mixed—Blue, purple and white..... 5

SEDUM. Interesting and pretty little dwarf hardy annual, growing freely on rock or rustic work, where, during the summer it expands its beautiful, star-shaped flowers in great profusion. Desirable for the center of hanging baskets.
Cæruleum—Blue; six inches..... 5

SCHIZANTHUS—(*Butterfly Flower.*)

Showy plants for outdoor decoration. Easily cultivated; of bright color; useful for bouquets. Hardy annual, 2 to 3 feet; 100 hundreds of flowers. Best Varieties, Mixed..... 5

SMILAX. Charming tender perennial climber for greenhouse or window gardens; it forms "strings" six feet long which are extensively used for decorating, and is grown in immense quantities by American florists. The foliage and stems are of a pleasing light green; very graceful; delicate; remains fresh after being cut for several days..... 5

TORENIA. Beautiful plants for vases, baskets, etc.; in open ground flowers are produced in great abundance, the plants being covered with one mass of bloom until frost, and also in winter in the greenhouse.

Fournieri—Lovely, velvety blue flowers, with three large spots of darkest blue and a bright yellow throat..... 5
White Wings—Pure white with rose throat; very attractive..... 10

THUNBERGIA. Rapid growing annual climber with dark center or eye. Finely adapted for vases, hanging baskets, and for piazza decoration; does well indoors or out; profuse bloomer with handsome foliage. **Fine Mixed**..... Oz., 40c; 5

VERBENA.

No plant is more generally cultivated than the Verbena and no plant excels it for masses in beds on the lawn. Flowers perfectly well from seed sown in the spring (if sown in May will bloom in August). If started in the house in pots or shallow boxes in winter they will bloom sooner. Transplant as soon as plants are two inches high, two feet apart each way. Seedlings are stronger and more vigorous than plants from cuttings, and are usually fragrant, especially light colors.



VERBENA.

Defiance—True—Bright, rich scarlet..... 10
Blue Varieties—Showy and distinct..... 10
Striped Varieties—Beautiful..... 10
Venosa—Produces many rich purple flowers..... 5
Pure White—Large trusses of purest white flowers..... 10
Niveni—White; sweet scented..... 5
New Golden-Leaved Verbena—Has very effective, clear, golden yellow foliage; flowers various colors..... 10
Lemon Verbena (Citriodora)—Sweet, lemon-scented foliage..... 10
New Mammoth—Large Flowered—A superb and distinct class, with flowers of immense size. Seed saved from very best flowers. 10
Hybrid Choice Mixed—Saved from the most beautiful named flowers; gives highest satisfaction..... 10
Fine, Mixed..... 10c. Good, Mixed..... 5

NEW DWARF VERBENAS.

Of erect, dwarf and compact habit, forming a neat bush about five inches high and 18 inches across. Colors are white, scarlet and violet. **Dwarf White**..... 10
Dwarf Scarlet..... 10c. **Extra Mixed Dwarf**..... 10

VIOLET—(*Viola Odorata.*)

The Violet should not be wanting in any garden, on account of its fragrance and early appearance. A single flower will perfume a whole room. They are well adapted for border or rock work. Succeeds best in a shady, sheltered place and can be easily increased by dividing the roots. Extensively used by florists for cut flowers. Hardy perennial, Six inches.



SWEET VIOLET.

Blue Sweet Violet..... 10
The Czar—The largest flowering and richest colored deep blue Sweet Violet in cultivation. Splendid for forcing..... 10
Single White—Very fragrant and free flowering..... 10
Mixed, many sorts..... 10

VINCA—(Periwinkle). Free-flowering greenhouse perennials with glossy green foliage and beautiful circular flowers; sown early under glass and transplanted in a warm situation will bloom all summer; may be potted for the house before frost. 1 1/4 feet.

Rosa—Rose—Dark eye.....10c. Rosa Alba—White—Crimson eye..... 5
Alba—Pure White..... 5c. Mixed Varieties..... 5

VALERIANA (Hardy Heliotrope).

Showy border plants, or for mixing with shrubbery; grows in any garden soil; does well in the shade; produces large crops of flowers. Hardy perennial that blooms first season from seed. Fine for bouquets. Two feet.

Mixed—Bright rose, red and white flowers..... 5

WHITLAVIA. The Whitlavia is a good plant for baskets, pots, or a pretty plant with delicate, handsome foliage, producing a constant succession of bright blue, pure white and violet large, bell-shaped flowers in drooping clusters. Sow seed in open border early in spring. Hardy annual, one foot high. Fine, Mixed..... 5

WALL FLOWER. Well known, deliciously fragrant garden plant, blooming early in the spring, with large, conspicuous spikes of beautiful flowers; they should be protected in a cold frame in winter, and plauted out in May. Much prized for bouquets. Half-hardy perennials.

Single Large Flowering Mixed—All colors..... 5
Finest Double Large Flowering Mixed—All colors..... 10

XERANTHEMUM—(Everlasting Flowers.)

Very desirable for winter decoration: of neat, compact habit, free flowering and of the easiest cultivation. The leaves are covered with silvery down, and the flowers are pure white, deep purple and yellow; an easy grown hardy annual. Two feet.

Double Mixed—All colors..... 5

YUCCA. Erect and noble plants, having long, narrow, sharp-pointed leaves, with a peculiar tropical aspect. Is a hardy perennial and grows in any soil.

Filamentosa—Is the hardest, and will endure the winter in most parts of the country. Sends up a strong flower stem in the middle of summer, bearing a large spike of creamy white, very large, bell-shaped flowers. 10

ZINNIAS. One of the best biennial plants, and the most brilliant annuals. Several varieties, its splendid double flowers rivaling in beauty, size and form, moderate sized Dahlias.

Zebra—A very pretty strain; striped flowers. As the colors vary on each plant they present a curious as well as beautiful appearance. 5

Curled and Crested—A new and beautiful strain of this popular plant, with large double flowers of perfect form, the petals being twisted, curled and crested into the most fantastic and graceful forms. A magnificent variety of colors and lovely shades. 10

Double Large Flowering—A variety of many colors; one strain: cone-shaped..... 5

Double Snowball—Double, pure white, dwarf and compact..... 5

Dwarf Fireball—Double, fine scarlet..... 5

Golden Yellow—Flowers large, perfect in shape, clear golden yellow..... 5

Giant Flowering—Grows a handsome bush 3 feet in height, and the mammoth, perfectly formed double flowers measure 5 to 6 inches across and are of intense and brilliant colors; mixed..... 5

Double Mexican—(Haggenau)—Of decided merit; close and vigorous in habit, nearly covered with pretty golden yellow double flowers. Keeps its color when dried as winter flowers..... 5

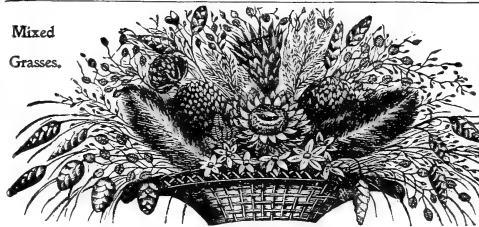
Double Liliput—Bush covered with flowers of fine form, smaller than the ordinary Zinnia; flowers borne on long, stiff stems, valuable for bouquets..... 5

Double Dwarf Mixed—Compact bushes, not over 12 inches high..... 5

Double Pompano—Charming, long, very double flowers; excellent for florists' use. Finest mixed..... 5



Mixed
Grasses.



BASKET OF ORNAMENTAL GRASSES.

ORNAMENTAL GRASSES.

Very beautiful and extensively used in the arrangement of winter bouquets and in other house decorations. Should be cut while fresh and green, and hung in a dry and airy place in the shade. All best varieties mixed, including Pampas, Feather, etc.

LARGE PACKET, 10c.; 3 for 25c.

*** WILD FLOWER GARDEN. ***

Each packet contains a great variety of pretty flowers of easy growth. The mixture will be found to be both interesting and useful. Interesting because new flowers open daily, "and you know not what a day may bring forth." It will be found very useful for beds you may get your bouquets without fear or favor, whenever you choose, and thereby save those in beds or borders; also especially adapted for producing a display on large borders, or sowing along woodland walks, for hiding an unsightly fence, or stump, etc., and will convert any dreary spot into a wilderness of bloom and fragrance. Large packet, 10c.; ounce, 25c.; 1/4 lb., 75c.; 1 lb., \$2.50.

SPECIAL MIXTURES of Flower Seeds.

Such pleasure is derived from watching the growth of a mixed bed of flowers. The mixtures are made from choice fresh seeds and cannot fail to give satisfaction. The packages are liberal in size, and in no other way can so many seeds be obtained for so little money.

Fragrant Annuals—A mixture made from seeds of fragrant flowers, giving rich perfume throughout the day and evening; some are suitable for cutting. 10

Mixed Everlastings—A great variety of attractive Everlastings. 10

Flowers for Bouquets—This mixture contains seeds producing flowers suitable for cutting, for vases and bouquets, nearly all having long stems, and will insure a constant supply of cut flowers throughout the entire season. 10

Mixture of Climbers—A packet of seeds containing over 20 beautiful annual climbers, useful for covering out-houses, trellises, etc. 10

3 MIXTURE PACKETS FOR 25 CENTS.

50c. BARGAIN COLLECTION OF FLOWER SEEDS 50c.

A GREAT OFFER. Consists of one full-sized packet each of the following most effective annuals, sown free by mail on receipt of 50c.; at regular prices would cost \$1.25. Varieties and mixtures are choice, including best colors and many new and rare kinds; a continuous succession of flowers from early summer until frost.

Asters—Double Perfection, Mixed. The most perfect type; flowers very large, rich and brilliant; very double, two feet high.

Balsams—Double Camellia Flowered, Mixed. A splendid mixture of best known varieties.

Candytuft—New Empress. A magnificent variety with enormous heads of pure white flowers.

Dianthus—Mixed Colors—Of beautiful double flowers; many shades and markings.

Godetia—A Fine Mixture of sorts and colors.

Larkspur—Tall Flowered Branching; long spikes of double brightest and best colored flowers.

Marigold—Legion of Honor—Single flower of beautiful rich golden yellow, marked with large velvety-brown blotches.

Mignonette—Golden Matchet. Golden yellow flowers, deliciously fragrant.

Nasturtium—Climbing. Beautiful and luxuriant climber and of easy culture. 8 to 10 feet.

Pansy—Large Flowering. A very fine mixture of many choice kinds.

Poppies—Livingston's Mixture. Composed of many kinds and colors.

Petunia—Blotched and Striped, mixed with other superb kinds.

Phlox—Drummond—Large Flowering. A rich and brilliant variety of colors not excelled by any other annual for massing colors or constant display.

Sweet Peas—Eckford's Gilt-Edged Mixture—Very superior and popular.

Verbena—Hybrida Choicest Mixed. Showy, distinct and beautiful.

Zinnia—Double Large Flowering. A mixture of many colored fine cone-shaped flowers.

New and Standard Geraniums.

COMPRISING VARIETIES OF THE HIGHEST MERIT.

NOT AN UNDESIRABLE ONE IN THE WHOLE LIST.

SUPERB DOUBLE GERANIUMS.

Price, 10 cents each, or any 6 for 50 cents.

HETERANTHE (Double Gun' Grant)—One of the finest Geraniums of recent introduction. A splendid bedder, the clear vermilion-red of its flowers showing well above compact, sturdy foliage. Its strong growth and fine habit make it in every way desirable.

LAFAVORITE—A fine double white. The forets are pure white and large trusses of medium size. Stands the sun well; an excellent bedder.

FIRE BRAND—Color, dazzling flame-scarlet; fine, prominent truss; flowers large and of great substance; an excellent bedder and pot plant.

MONTESQUIEU—Very large and semi-double forets; exquisite pale mauve, with white eye. It bears a fine truss on long, stiff foot-stalk.

EMILE DE GIRARDIN—A very popular bedding variety. Color, a beautiful shade of soft rosy pink; a prolific bloomer.

S. A. NUTT—The very best of the dark crimson-scarlet bedders and good for all purposes; always in demand; stands the sun perfectly, and is always a mass of bloom. *Admired more than any other in the Chicago parks.*

MME. CHEVELIERE—Very free both in growth and bloom. Fine large truss of pure white double flowers; an excellent bedder.

GLOIRE DE FRANCE—Large round forets of waxy appearance; colors carmine and white, with carmine center; a very fine fancy pot variety. Nothing finer in the way of color.

BRAUNT—A most beautiful bedder; flowers very large and double; vermilion-red.

PRESIDENT LEON SIMON—Flower of great size; full of a scarlet bright red color; splendid; a favorite wherever known.

SELECT SINGLE GERANIUMS.

Price, 10 cents each, or any 6 for 50 cents.

GRANVILLE—The finest of all the single pinks for bedding purposes, also an excellent pot plant. Plant of good strong habit, and prolific bloomer, throwing the flowers well above the foliage; forms a mass of soft clear pink, a scarce color in real good bedders.

GENERAL GRANT—A superb bedding variety, with very large truss and brilliant scarlet flowers; a general favorite.

SAM SLOAN—A velvety-crimson, and carrying immense trusses.

PEACH BLOSSOM (Souvenir de Mirande)—Has round forets, upper petals cream-white with a distinct rosy-pink border, lower petals salmon-rose, streaked with pure white.

QUEEN OF THE WEST—One of the best bedding Geraniums in the list; grows freely and blooms in greatest profusion; light orange scarlet.

COPERNIC—Floret perfectly round; a beautiful shade of rosy-carmine, changing to bright salmon at the base of the petals, with small white eye; very large truss of forets on long foot-stalks.

REV. ATKINSON—Rich crimson scarlet; fine large flowers and truss; free-flowering and one of the best bedding sorts.

MRS. J. M. GARR—One of the finest single white bedders. The plants are a mass of bloom all summer.

NEW LIFE—A fine scarlet, striped white, dark zone on the leaf.

New Dwarf Single Geranium, "MARS."

A superb bedding and pot Geranium. It is of dwarf and compact habit, and extraordinarily prolific. The flowers are a deep salmon-rose at the center, changing to white on edge; foliage prettily marked with dark brown zone. 15c. each; 2 for 25c.; 5 for 50c.

THE ABOVE 20 EXTRA FINE GERANIUMS FOR ONLY \$1.50.

NEW GIANT SINGLE VARIETIES.

"THE SUNPROOF RACE"—(BRAUNT'S.)

MME. BRAUNT—Totally distinct from every other in culture; plant vigorous and free flowering; trusses with large flowers; white veined with carmine lake. 15c.

J. D. CABOS—Soft rosy pink; plant of dwarf growth, flowering very free; truss and flowers of largest size. 15c.

BEAUTE POITIVINE—Semi-double; enormous flowers, aurora pink, shading to bright salmon center; grandest of light fancy Braults. 15c.

ALPHONSE RICARD—Dwarf and branching; flowers in great masses. Both foret and truss are of enormous size; a brilliant shade of orange red. 10c.

W. P. SIMMONS—Remarkable for its dwarf stature and brilliant and abundant bloom; extremely bright orange scarlet; of grand size. 10c.

MRS. E. G. HILL—Floret $2\frac{1}{2}$ x 2 inches. The center of each petal is a soft, light salmon, bordered rosy salmon and veined deep rose. 10c.

ATHLETE—Flowers large and round; trusses of enormous size; color, brilliant clear scarlet; extra fine. 10c.

Three 10c. or Two 15c. kinds for 25c. The set of 7 for 50c.

Pelargoniums. or "Pansy Geraniums"

See General Plant List in the following pages.

SILVER LEAVED GERANIUMS.

Mrs. Parker. A new double flowered Silver Leaf.

The foliage is deep green, with a broad border and margin of pure snow white, the flower is perfectly double, and of a clear, bright pink. The foliage and flower together make it one of the most unique and beautiful. Each, 15c.; 2 for 25c.

HAPPY THOUGHT—Dark green foliage, having a light creamy, almost white center, with a dark band about the light zone. 10c.

MOUNTAIN OF SNOW—Very ornamental, bright green foliage with broad silver white margin; flowers bright scarlet, held well above the foliage; compact and strong growing habit. Fine for pot culture or bedding. 10c.; 3 for 25c.; 7 for 50c.

MME. SALLEROI—Bright green foliage edged with white. Its foliage is neat, pretty, and dense, and it stands the sun well; few plants equal it for a border. 10c.; 3 for 25c.; 7 for 50c.

NEW SILVER LEAVED GERANIUM.

WILLIAM LANGOUTH (or Red Flowered Mrs. Parker)—A new variety which has at once become famous. The plant is of short stocky growth, beautiful dark green leaves, each marked with broad, pure snow white band. It beats all the silver leaved kinds in free blooming. Flowers double, bright red, large, extra filled out blooms. Everybody pronounces it first-class. Each, 20c.; 3 for 50c.

GOLDEN BRONZE GERANIUMS.

Price, 10 cents each, except where noted; 3 for 25c.; 5 for 50c.

BRONZE BEDDER—Foliage bright golden yellow, with a broad zone of a deep chestnut brown, scarlet blossoms; stands sun exceeding well.

BISMARCK—Foliage yellowish green, with narrow zone of deep chocolate; flowers, salmon, tipped white.

CRYSTAL PALACE GEM—Broad, golden-yellow margin, with a central disc of green; dwarf and free.

ZULU—Bright yellow leaf, with very deep chocolate, almost black zone; decidedly fine.

MRS. POLLOCK—Bright bronzy-red zone, belted with crimson and edged with golden-yellow. 15c.; 2 for 25c.; 5 for 50c.

SUNSET—This is one of the finest, as it holds its color during the heat of summer. Very distinct markings, having a broad golden belt overlaid with a bright carmine-red zone; blending beautifully with the gold and bronze. 15c.; 2 for 25c.; 5 for 50c.

SWEET-SCENTED GERANIUMS.

Price, 10 cents each, except where noted; any Three for 25 cents.

APPLE-SCENTED—The old favorite; wonderfully sweet-scented. Each, 15c.; 2 for 25c.

BALM—Large leaves, with a very strong fragrance.

LEMON-SCENTED—Small leaves, with delightful lemon scent; one of the most pleasing varieties.

MRS. TAYLOR—Dark green foliage of a peculiar fragrance. Flowers scarlet; borne in great profusion.

NUTMEG—One of the most fragrant. Somewhat resembles the Apple Geranium in growth and fragrance.

PENNYROSE—Finely cut foliage; strongly scented.

ROSE—Indispensable in the formation of bouquets.

SHRUBLAND PET—Small, light green leaves, very fragrant, pretty roses colored flowers.

THE SET OF SEVEN FOR 60 CENTS.

IVY LEAVED GERANIUMS.

Price, 10 cents each; Three for 25 cents.

CHAS. TURNER—Color bright scarlet with soft rose tint. The best bloomer of all Ivy Geraniums.

BEAUTE OF JERSEY—Very double, bright scarlet.

JOAN OF ARC—Only double white Ivy Geranium.

PRINCE ALBERT—Beautiful green foliage with a creamy white band, sometimes changing to pink; flowers single, pink.

INCOMPARABLE—Trusses very large, florets immense and very regular in form; an exquisite shade of rosy carmine. No finer.



MRS. PARKER.

Fifty Select Ever-Blooming Tea Roses.

In selecting the **Best Fifty Tea Roses** the selection includes many of the best newer kinds, as well as standard sorts, and all are sold at **only Ten Cents Each**. These Roses are as fine in every way as any of the famous stock we offer, and will begin to grow and bloom soon after planting, continuing their profusion of flowers until frost. Though hardy in the South, Tea Roses, as a rule, require protection during winter in our Middle and Northern States.

Any of the Roses on this page, 10 cents each, or \$1.00 per Dozen, postpaid.

Agrippina—Rich dark velvety crimson; One of the most popular grower. 10c.

Bon Silene—Deep rose color, sometimes bright rose-crimson, occasionally pale light rose. 10c.

Bridesmaid—A sport from the well known Catherine Mermet, but so much better both in growth and color that we think it will in time supersede it. The Bridesmaid at all times produces buds and flowers of a much deeper shade of pink than its parent. 10c.

Cornelia Cook—Beautiful creamy white; buds of immense size and very double. 10c.

Catherine Mermet—Clear rosy-pink, with delicately shaded amber fawn center. Flowers large, full, globular; very double and sweet; one of the finest. 10c.

Charles Rovelli—Pure rose; very pleasing shade; buds beautiful, large and perfect when open. Free bloomer and grower. 10c.

Christine De Nougé—A color yet rare among Teas; deep, dark maroon-crimson, with full, bright center of crimson-lake. Very fragrant, of unusual size. 15c.

Comtesse Riza du Parc—Superb buds of bright bronze-rose, shaded with carmine and tawny yellow; fragrant; stems long. One of the hardiest. 10c.

Couquet de Lyon—Often called "*Yellow Hermosa*" because of its wonderfully free bloom. Full flowers of canary-yellow; delightfully fragrant. 30c.

Champion of the World—Through wide advertising this has become well known as a "*Champion for vigor, hardiness, free bloom, fragrance, form and color.*" Bright coral-pink, large and double. 15c.

Duchess De Brabant—Flowers large and fragrant; soft, bright rose, shaded with amber and salmon. 10c.

Etoile De Lyon—The flowers are light golden-yellow, delightfully sweet, of large size and fine form. The best yellow Rose for open air culture. 10c.

Francisca Kruger—Large, full flowers, coppery-yellow, shaded with peach; strikingly handsome. Hardy, vigorous, and free blooming. 10c.

Fortune's Double Yellow—Bronzed yellow or copper of fawn color. A splendid climber for the South. 10c.

General de Tartas—A first-class Rose for bedding; brilliant carmine deeply shaded with violet-purple; extra large, very double, full and fragrant. 10c.

Golden Gate—Rich creamy-white, tinged with golden-yellow and bordered with clear rose; flowers and buds extra large and double. 15c.

H. M. Stanley—Clear amber rose with center of apricot-yellow; fragrant flower of fine size. 10c.

Lucullus—Fine dark crimson; very double, constant bloomer. 10c

La Pactole—Lemon-yellow. Beautiful and extremely free blooming. 10c.

La Princesse Vera—Pale flesh, changing to salmon-rose, shaded with carmine; very sweet. 10c.

Madame Joseph Schwartz—A seedling of Duchesse de Brabant. White, beautifully flushed with pink. The plant grows with great vigor and is extremely free with its flowers. 10c.

Madame Welch—Large, globular buds of soft amber-yellow, clouded orange and ruddy crimson. 10c.



TEA ROSE, METEOR.



TEA ROSE, SNOWFLAKE.

Marie Lambert—(*White Hermosa*)—The flowers are medium size; color pure white. This rose will become more popular because of its blooming qualities. 10c.

Madame Etienne—(*Duvar Catherine Mermet*)—Has all the beauty of the type, but is stronger and blooms better. Delicate pink, shaded with rose. 10c.

Marchal Niel—The finest of all Yellow Roses. Grand buds of golden-yellow, superbly formed, highly scented. Climbing habit. 15c.

Marie Guillot—The best White Tea for summer bloom. White, tinged with pale yellow. 10c.

Mrs. De Gray—Entirely hardy and unequalled for garden culture; fragrant, rich, glossy pink. 10c.

Madame de Watteville—(*The Tulip Rose*)—Grand flowers of fine substance and fruity fragrance. Salmon-white, bordered bright rose. 15c.

New Tea Rose, Gen. Robert E. Lee—Orange-yellow, at some times of the season light yellow; quite a unique color; produces its handsome buds quite freely. 15c.

New Rose, Joseph Metral—(*Bonnaire*)—A strong, healthy, grower. Flowers unusually large and of good form. Color red, passing to cerise, shaded with purple. Received two medals of merit. 15c.

Isabella Sprunt—A free-flowering favorite. Beautiful buds and flowers of bright canary-yellow. 10c.

J. B. Varro—Rich and splendid in color, form, and size. Intensely vivid crimson-scarlet, illumined with copper and salmon; stiff stems. Handsome foliage, habit strong and fine. 15c.

Papa Gontier—Immense, pointed, fragrant buds of rich cherry-red; always in bloom. 10c.

Perle des Jardins—Has no rival except *Marchal Niel*, and positively no weak point in habit, growth or flower; rich canary-yellow. 15c.

Pernet's Triumph—Large, long-stemmed buds and flowers of clear magenta-red. 15c.

Maman Cochet—A grand new Tea Rose of easiest culture. Beautiful double pink buds closely resembling the popular *La France*. 10c.

Mademoiselle Cecile Berthod—Deep yellow, good form, double and sweet, with peculiar bronze foliage. A fine rose. 10c.

Madame Pauline Labonte—Salmon-rose, delicately tinged and shaded with fawn and amber; very free bloomer. 10c.

Madame Camille—Delicate salmon pink; reverse of petals veined white; full; very sweet. 10c.

Marie Van Houtte—Pale yellow, the edges of petals often lined with rose; well formed, fragrant; good habit. Very free blooming; a most charming sort in every respect. 10c.

Meteor—This is a most brilliantly beautiful rose, unsurpassed among Hybrid Teas for hardiness and freedom of bloom. The long-stemmed flowers are of medium size, double, and fragrant; color intense, glowing velvety-crimson. 15c.

Madame Schwallier—A grand Hybrid Tea, noted for its strong, free-blooming habit and the true June-Rose fragrance of its flowers. Borne in clusters; color bright rosy-flesh, beautifully shaded. 10c.

Malmaison—One of the choicest and best roses in cultivation for the garden. The flowers are very large, of full, broad, regal form and exquisite fragrance; color rich carmine-flesh, shaded fawn and rose. 15c.

Queen's Scarlet—Without doubt the very best of all red roses for bedding. It can be planted anywhere, being entirely hardy. Flowers of large size; a fiery scarlet color. 10c.

Souvenir d'un Ami—Fine, delicate rose, shaded with salmon; very large, full and double; exquisitely fragrant. A vigorous grower and free bloomer. 10c.

Snowflake—Nest and dwarf in habit and really wonderful in constant profusion of bloom. Exquisite pure white flowers of medium size. 10c.

The Bride—Still the best of the large white roses for cut flowers and general culture. Perfect, globular, pointed buds of pure white. 10c.

The Queen—Noted for its continual profusion of large, perfect, pure white flowers. 10c.

The Gem—This is a grand, vigorous Tea. The superb creamy-white buds and flowers are richly shaded with soft yellow, while their fragrance is delightful. 10c.

Waban—A valuable new rose. A sport from the well known Catherine Mermet, but differing in color, being a bright carmine pink, deepening toward the center. 10c.

FOUR RAMBLER ROSES.

CRIMSON, YELLOW,
PINK and WHITE.

For 50c.

We will mail, postpaid, one good plant each of the following **Four Climbing Rambler Roses.**

YELLOW RAMBLER (Aglia)—A very hardy *Yellow Climbing Rose*. Unprotected plants have stood, without injury, a temperature of 10 degrees below zero, while with slight protection will do well where other roses succeed. The beautiful clear yellow flowers are borne in immense trusses, sometimes over 100 in a cluster; medium size and last three or four weeks. 15c.

PINK RAMBLER (Euphrosyne)—Similar to *Yellow Rambler*, except color, which is a clear shiny rose or pink. The numerous yellow stamens lend additional charm to the flower. In hardiness, freedom of bloom, form and color of flowers and vigorous climbing habit it is fully equal to *Crimson Rambler*. 15c.

WHITE RAMBLER (Thalia)—The numerous small double flowers are pure white, in other respects very similar to *Yellow Rambler*. 15c.

CRIMSON RAMBLER—The plant is of very vigorous growth, making shoots from eight to ten feet during the season, rendering it a charming pillar rose. Also magnificent in bush form, and for covering buildings, trellises, etc., it cannot be excelled. One of the striking characteristics of this rose is its remarkable color, which is of the brightest crimson. The flowers are produced in great pyramidal panicles or trusses, each carrying 30 to 40 blooms. Blooms in June and continues a long time. 15c.

Five Hardy Climbing Roses.

BALTIMORE BELLE—Pale blush, shading to rose color; double flowers in large clusters.
PRAIRIE QUEEN—Extra fine, free bloomer; flowers large, bright rose, sometimes striped with white. Extra fine; deservedly popular.
RUSSELL'S COTTAGE—Very double and full flowers of fine rich, dark crimson; an excessive bloomer.

NEW ROSE, "Climbing Meteor." This new rose might well be called *perpetual blooming*, climbing Jacqueminot, the color of which it strongly approaches, but is more vigorous, producing ten times the number of flowers on immense stems. For winter blooming it has few equals. Just the rose for conservatory or bay window. 15c.; 4 for 50c.

HARDY ROSES. HYBRID PERPETUALS.

Of easy culture, not requiring, but are benefited by protection of their roots with a mulching of leaves or evergreen boughs during the winter. They are not suitable for house culture, but when you want strong bushes in the yard to stand out all winter, or to form a Rose hedge, these are the kind to use.
PRICE, 10 cents each, unless noted otherwise. 12 different varieties, \$1.00, mailing size. **Large Plants**, by express, 20c. to 40c.; \$2.00 to \$4.00 per dozen, according to size.

AMERICAN BEAUTY, Buds large, full, double and exceedingly sweet; color rich, rosy-crimson, exquisitely shaded. The flowers are very lasting after cutting, and command the highest price of any rose in the market; 50 cents to \$1.00 for a single flower in winter being a common price. 20c.; extra large 2-year-old plants, 40c.

Baroness Rothschild, A magnificent rose. Flowers extra large, full and globular; color rich silvery-white delicately tinged with pale blush. Rare and exquisitely beautiful. 25c.

BALL OF SNOW (Boule de Neige)—A finely formed pure white rose. Flowers of good size. Very free blooming and fragrant.

COQUETTE DES BLANCHES—The best pure white hardy rose. Blooms in clusters very freely until frost. Fragrant.

GENERAL JAQUEMINOT—Bright crimson-scarlet, exceedingly rich and velvety; the buds and partially opened flowers are beautiful. Strong, healthy grower and free bloomer.

GENERAL WASHINGTON—Brilliant crimson; large, very double. Free bloomer. One of the best.

MAGNA CHARTA—Bright, clear pink, flushed with crimson; very sweet and extra large.



MRS. JOHN LAING—Excellent for early blooming; of exquisite satiny-pink color, deliciously fragrant; vigorous, strong grower, every shoot producing magnificent flowers. 15c.; larger plants, 25c.

MAD. PLANTIER—A very fine bushy form and produces flowers in great abundance in June. A most desirable rose for cemetery decoration.

PRINCE CAMILLE DE ROHAN—Very deep, velvety-crimson, large and fine. The nearest approach to a black rose.

PAUL NEYRON—Dark rose; extra large; fine form.

PERLE DES BLANCHES—Pure white; double; fragrant.

ULRICH BRÜNER—Flowers large and full, with exceedingly large well shaped petals; color cherry-red; a splendid variety.

VICK'S CAPRICE, New Striped Rose—Flowers large, ground color soft satiny-pink, distinctly striped and dashed with carmine and white. 15c.

RED, WHITE, PINK AND STRIPED. THE LA FRANCE SET.

A choice group of Hybrid Teas, widely known and celebrated everywhere for hardiness, constant bloom and beautiful color of their fragrant flowers. 50 CENTS FOR THE FOUR LA FRANCE.

LA FRANCE—This famous silvery-pink rose is universally popular. 15c.

RED LA FRANCE (Duchess of Albany)—A sport from Pink La France, with deeper, rich rose-pink flowers. 20c.

WHITE LA FRANCE (Augustine Guinoisseau)—Large, elegant, pearl-white flowers flushed with rose. 20c.

STRIPED LA FRANCE—A capricious beauty that shows in odd, clear stripings both the lovely pink and white tints of the family. 20c.

"Souper" COLLECTION OF ROSES.

Price, (Postpaid), each, 15 cents; the 4 for 40 cents.

NEW PINK SOUPERT—A free and constant bloomer, being covered, when only a few inches high, with dozens of bright, rosy pink flowers, changing in hue as they fade and producing a pleasing effect.

YELLOW SOUPERT (Mosella)—Splendid bedding rose; a strong grower; flowers in clusters and on single stems; the color is yellow in the center, getting creamy-white on the edges of the petals.

WHITE SOUPERT (Leonie Osterreith)—There is no better white rose grown. Buds of good size, flower full, double and deliciously fragrant, pure white with deep center.

CLOTHILDE SOUPERT (Polyantha)—Of vigorous growth, compact, wonderfully profuse and constant bloomer. Flowers very double, produced in clusters, beautiful pearly white with rosy-lake center; slightly fragrant. A very hardy everblooming rose. One of the finest. 10c.

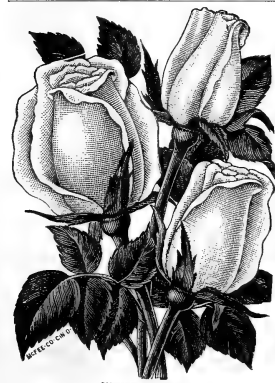
New Wichuriana Roses.

(DOUBLE MEMORIAL ROSE)—The hardiest Roses we know of, and will stand any climate or exposure, and thrive in the poorest soil or a gravel bank. Foliage is finely cut, thick, of a leathery substance, bright green, shining as if varnished, not subject to mildew or any insect, and keeps its full beauty until almost Christmas. The flowers are produced in great profusion, deliciously fragrant and last a long time in perfection. **Price, each, 20 cents. Three for 50 cents.**

MANDA'S TRIUMPH—Large clusters of double pure white flowers, beautifully imbricated and well formed, two inches in diameter, and sweetly scented.

SOUTH ORANGE PERFECTION—Perfectly formed double flowers about one and half inches in diameter, soft bluish pink at the tips, changing to white.

PINK ROAMER—A hybrid between the *Sweet-briar* and the *Wichuriana*. Single flowers nearly two inches in diameter, bright rich pink, almost a white center.



WHITE SOUPERT.

WICHURIANA ROSES.

We mail good live Rose Plants, but any complaints of their not arriving in good condition must be made within one week after arrival.

.. Six Superb Carnations ..

PRICE, 10 cents each. The Set of Six for 50 cents.

Bridesmaid—A beautiful new sort with thick waxy petals; color, bright clear pink; very highly scented. Is an exceptionally free and vigorous grower, producing fine large flowers on long stiff stems.

Fred Dörner—A deep velvety-red, flower extra large, seldom less than three inches across.

Goldfinch—Yellow, edged pink. The color is a little lighter shade than Buttercup, and is of medium size.

Lizzie McGowan—It is a splendid grower, producing very large, pure white flowers that are beautifully fringed.

Mrs. Harrison—Pure white, with an occasional carmine streak. A splendid grower.

Portia—The most intense bright scarlet, with a vigorous constitution.



Carnation,
Lizzie McGowan.

Six Finest Begonias.

For Bedding and House Culture.

PRICE, 10 cents each. The Set of Six for 50 cents.

Argentea Guttata—A handsome foliage variety, purple bronze leaves, oblong in shape, with silvery markings, white flowers. An excellent pot plant.

Rubra—Dark, glossy green leaves; free flowering; one of the best plants for house or conservatory. Flowers a rich coral red, in large pendant panicles.

Sandersoni—A bushy growing variety with glossy deep green leaves; flowers in clusters of drooping, scarlet, heart-shaped buds; a constant bloomer.

Metallica—Grand for tall specimen plants; thick panicles of pink buds and white flowers against large, red veined leaves of glistening bronze green.

VERNON—Foliage rich glossy green, often shaded deep bronze. Flowers at first opening are a deep red, changing to a beautiful clear rose in the fully open flower.

VULCAN—A grand new Begonia. It is an intense Scarlet Vernon. See full description on page 66.

Six Finest and Best Chrysanthemums.

PRICE, 10 cents each. Full Set of Six for 50 cents.

Cullingfordii—Reflexed; exceedingly brilliant crimson, richly shaded with scarlet. Florets are of a beautiful, rich velvety texture. One of the very distinct and noted sorts.

Golden Wedding—This is undoubtedly the grandest golden-yellow variety ever introduced. Nothing can exceed the richness of its color; it is unrivaled in this respect. It is a remarkably vigorous grower, and has such strength of stem that it carries its great globular flowers erect, giving it a bold majestic appearance.

Ivory—Unexcelled for pot culture or cutting; pure white flowers of exquisite form and finish. Has been shown in grand shape at recent exhibitions; it is especially noticeable for its grand globular form, its dahlia-like petals and absolute purity of color.

Maude Dean—An immense pink variety; finely incurved; petals broad, shell-shaped. One of the largest flowers exhibited in the fall shows. Almost a pure shell-pink. Received silver medal at Philadelphia, and awarded certificates of merit at New York and Philadelphia.

Mrs. Henry Robinson—An early white, blooming with us October 5th. Fine substance and very lasting. Its early flowering qualities and its great size has made it one of the most popular varieties with the large growers of cut flowers.

Mrs. Jerome Jones—This is a fancy cut-flower variety which completely captivated us. It is almost of globular form, of the finest silky finish, and destined to become a standard sort for cutting. The outer petals are a delicate lavender, forming a decided band of color; the inner petals are clear lemon.

Six Charming Fuchias.

PRICE, 10 cents each, or the Set of Six for 50 cents.

Avalanche—Beautiful golden foliage, a dark, double violet-purple corolla.

Black Prince—Large expanded corolla of reddish color; habit of growth extra fine; one of the most abundant blooming varieties that we have.

Lustre—Tube and sepals pure white; vivid crimson corolla; good habit and free blooming.

Mad. Van der Strass—Fine, large and elegant form; sepals long and reflexed; pure red, corolla large, double white. The finest market double white Fuschia.

Trophee—Double; buds quite round and beautiful deep red color. Open flower, dark purple and very beautiful. One of the very finest.

Rosains Patri—Nearly perfection as to free-growing and habit. Strong and bushy, beginning to bloom quite early in the Spring and continuing very late. Tube and sepals are brilliant, deep scarlet, thick and leathery in texture; corolla is very large, double and pure white.



FUCHSIA, ROSAINS PATRI.

Plant
Collections

OUR
SPECIAL 50-CENT
Bargains in Plants.

Only 50c. Will buy any one of the Collections named below, delivered safely by

mail, postpaid, to any address. The Collections are all fine, strong plants of the best varieties, and are marvels of cheapness. We can only afford to sell them so cheap by growing these sorts in immense numbers. The choice of varieties must invariably be left to us, the purchaser simply naming the number of the set or sets desired. Every plant is plainly labeled, and there are no two varieties alike in the same Collection.

There is no Dividing or Changing in these Collections.

PLEASE ORDER BY NUMBER ONLY.

NOTE.—Sometimes when seeds and plants are ordered together, we send the seeds at once and the plants follow later from the greenhouses.

BY MAIL **50c.** EACH.

Collection
Number.

- 1—12 beautiful Ever blooming Roses, all colors and splendid varieties.
- 2—4 Charming Tea Roses, 4 fine Hardy Roses, and 2 Climbing Roses. This makes an elegant collection for 50 cents.
- 3—3 Lovely Tea Roses, 3 fine Hardy Roses, 2 different Climbing Hardy Roses, 2 pretty Japan Fairy Roses.
- 4—5 Superb Hardy Roses, 5 fine Hardy Climbing Roses. This will make a fine outdoor garden.
- 5—10 Lovely Pure White Roses. Fine cemetery plants. Tea and Ever-blooming varieties.
- 6—10 Choice Double and Single Geraniums. Will make a very nice bed.
- 7—4 Double, 4 Single and 2 Sweet-Scented Geraniums. A fine collection for a small garden.
- 8—3 Double Geraniums, 3 Single Geraniums, 3 Fragrant Geraniums, 1 Ivy Geranium.
- 9—2 Silver-Leaved Geraniums, 2 Double and 2 Single Geraniums, 2 Fragrant, 2 Ivy Geraniums.
- 10—12 Chrysanthemums of the new, large flowering kinds, all different and labeled correctly.

Collection
Number.

- 11—10 Choice Carnation Pinks—large, double and sweet scented.
- 12—5 Splendid varieties of Carnations, and 5 nice Sweet May or Scotch Pinks.
- 13—10 Lovely Flowering Begonias. This makes a choice collection of beautiful house plants.
- 14—13 Coleus. The best and most distinct varieties of the newer kinds.
- 15—10 Fuchsias double and single, specially selected for window decoration.
- 16—10 Foliage Plants, viz: 4 Coleus, 4 Achyranthus and 2 Acalpha.
- 17—3 Heliotropes, 3 Feverfew, 3 Hibiscus and 1 Asparagus Tenuissimus.
- 18—2 Hibiscus, 2 Moon Vines, 2 Violets, 2 Coleus and 2 Heliotropes.
- 19—1 Hardy Rose, 1 Tea Rose, 1 Double Geranium, 1 Single Geranium, 1 Sweet-Scented Geranium, 1 Hibiscus, 1 Heliotrope, 1 Feverfew, 1 Begonia and 1 Carnation.
- 20—2 Tea Roses, 2 Heliotropes, 2 Sweet-Scented Geraniums, 2 Violets and 2 Carnations—our famous Sweet-Scented Collection.

FIVE UNNAMED... 50-CENT COLLECTIONS + BY MAIL POSTPAID.

21—13 Lovely Tea Roses. These are all different.

22—6 Fine Hardy Roses and 6 splendid Hardy Climbing Roses.

23—6 Double Geraniums and 6 Single Geraniums—no two alike.

24—15 Beautiful Chrysanthemums which will be a surprise to you in their strange forms and lovely colors.

25—12 Choice Carnation Pinks. All colors.

BARGAIN SETS AND COLLECTIONS

THE GEM ROSE COLLECTION.

20 Roses. A Large Bed of Ever-Blooming Roses, postpaid, **\$1.00**

For \$1.00 we will send by mail, postpaid, to any post-office, the Gem Collection, comprising **20 Beautiful Ever-Blooming Roses**, in 20 different varieties, each labeled and carefully selected to suit your locality. If you want beautiful Rose Beds all summer, plant this set. If there is no room in the front yard, plant in the garden, which is a capital place to grow roses for flowers. In ordering say "The Gem Rose Collection."

OUR CHARMING FUSCHIA COLLECTION.

20 Elegant Double and Single . . . FUSCHIAS, postpaid, for \$1.00

This charming set of house plants is well worth a trial. Nothing will add so much to your window decorations as a fine variety of Double and Single Fuschias. Give it a trial.



THE PRIZE CHRYSANTHEMUM SET.

20 PRIZE WINNERS . . . \$1.00
Postpaid, for

This collection includes the most desirable varieties that brought prizes at the different shows in November, and goes over the entire range of color, form and size. If you desire to be up to date in Chrysanthemums try this collection.

THE CHAMPION GERANIUM SET.

20 Beautiful Selected GERANIUMS, \$1.00
Postpaid, for . . .

Remember this is not a set of Geraniums picked up from any surplus we may happen to have, but contains the choicest varieties—both double and single, in every shade of this useful flower—and you cannot fail to be pleased with it.

Flowering Bulbs, Plants and Vines.

GENERAL ASSORTMENT.



AMARYLLIS.

Amaryllis.

Beautiful lily-shaped flowers, fine for pots, and should be in every window. No bulb is easier to manage; pot them when received and they will soon begin to grow and bloom. Following are the finest varieties:

JOHNSONII—Bears 3 to 6 large brilliant red flowers with white stripe in the center of each petal; fragrant. Bulbs, 35c.; 3 for \$1.00.

EQUESTRE—Bright salmon pink, with a distinct snow-white blotch at base of petals. Bulbs, 20c.; 3 for 50c.

FORMOSSISSIMA—(Jacobean Lily)—Crimson velvet color, flowering early in summer. 15c.

VITTATA—Red and white striped. Beautiful. Bulbs, 50c. each.

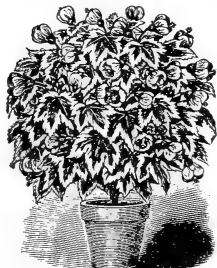
APIOS TUBEROSA.

Also called Tuberos-Rooted Wistaria, as it greatly resembles that well-known vine. It blooms most profusely, bearing lovely clusters of rich, deep purple flowers, possessing a delicious violet fragrance. Perfectly hardy. Each, 5c.; 5 for 20c.; doz., 40c.

ABUTILON.

(Flowering Maple or Chinese Bell Flower.)

SAVITZII—A new variety and a great improvement upon the well-known and popular Souv. de Bonn. The plant is more dwarf and compact habit, the foliage larger and the variegation or border upon each leaf is deeper and more clearly defined. A distinct and very valuable plant. Plants, 15c. each.



ABUTILON, SAVITZII.

SOUV. DE BONN—Similar to the above but a stronger grower and narrower white edge on leaves. Each, 10c.

GOLDEN FLEECE—A fine pure yellow; free bloomer. Each, 10c.

ECLIPSE—Golden spotted leaves, flowers bright yellow, crimson throat; suitable for baskets and vases. Each, 10c.

SPLENDENS—Dwarf; deep red flowers. Each, 10c.

THOMPSONI—Double. Orange flowers, spotted leaves. Distinct. Each, 10c.

Bignonia Radicans.

Trumpet Flower—A rapid growing climber; very hardy; dark red throat. Each, 20c.; 3 for 50c.



ACHILLEA—THE WHITE PEARL.

SUMMER FLOWERING BULBS, ROOTS, VINES AND PLANTS for Spring planting are, in general, inexpensive, very easily grown, require scarcely any care, and produce some of the most showy and beautiful of all the summer and autumn flowers. At the prices here given we send by mail, postpaid, except otherwise noted, and unless specially ordered otherwise. When Bulbs, Roots or Plants are sent by express, at purchaser's expense, we can send larger stock than if by mail, and more safely packed. When Seeds and Bulbs or Plants are ordered together the seeds, bulbs, etc., not injured by frost will be sent at once and the tender ones as soon as possible without danger of injury from cold weather. Those in want of LARGER QUANTITIES than here quoted will please write, stating kinds and quantity wanted, and we will cheerfully make SPECIAL PRICE.

BEGONIAS

Tuberous-Rooted.

The extra large size and beautiful colors recommended this flower to all. They are easily grown and cared for. For growing in pots or boxes in the house, plant in rich, sandy soil; give good drainage, water freely after the leaves start, but do not let the soil become sour or logged from over-watering. If it is desired to have a bed outdoors, select a shady, moist situation, making the bed rich with thoroughly rotted manure and leaf mould, if obtainable. Plant as soon as danger from frost is over. After the plants start into vigorous growth keep well watered. If planted in a proper situation no plant will give a more magnificent display throughout the summer. The single varieties are most satisfactory for general purpose.

SINGLE VARIETIES. Large, Well-Ripened Tubers. White, Pink, Yellow and Scarlet—Each, 10c.; 4 for 30c.; dozen, 80c.

Single, Mixed—Many varieties. Each, 10c.; 4 for 25c.; dozen, 75c.

DOUBLE VARIETIES—In Finest Mixture. Many varieties. Each, 15c.; 4 for 50c.; doz \$1.50.

AMPELOPSIS.

VEITCHII—The Popular Boston or Japan Ivy. The finest climber we know of for training over walls, as it clings firmly to the smoothest surface, covering it smoothly and densely with fresh, deep green heart-shaped leaves in summer, which take on, in the fall, the bright autumn colors. It likes a rich soil; quite hardy, but requires a slight protection in winter in our climate. Strong plants, 15c. each; 2 for 25c.

QUINQUEFOLIA—(The old "Virginia Creeper," "American Woodbine")—A perfectly hardy climber of rapid growth. Fine for covering walls or unsightly objects. Each, 15c.; 4 for 50c.

ANTIGONON.

Mountain Rose.

Numberless clusters of deep pink blossoms so completely cover the vine as to almost hide the foliage. Grand and effective when grown in a sunny spot. Hardy with slight covering. Highly praised. Plants, 15c. each. Seed, packet, 5c.



ANTIGONON—MOUNTAIN ROSE.

The Great Cemetery Plant, "The Pearl."

A plant will produce hundreds of flowers the first summer, but when established the second year frequently have more than five hundred perfect flowers on the plant at one time. It commences to bloom early in July, and is a perfect mass of beautiful flowers until frost. Flowers pure white, perfectly double, and produced in large sprays, making it one of the finest cut flowers for bouquets, vases, baskets, etc. Most valuable of all flowers for cemetery planting, as it is sure to thrive and bear its great profusion of snow-white flowers nearly the whole summer. A HARDY PERENNIAL that succeeds everywhere. Each, 10c.; 3 for 25c.; doz., 75c.

Caladium- Esculentum.

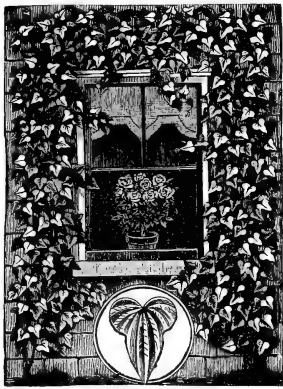
"ELEPHANT EARS,"

This splendid foliage plant gives perfect satisfaction, and is worthy of general cultivation, filling a place which no other plant does, adding greatly to the beauty of the lawn or garden by its immense tropical-like foliage. Plants attain a height of from 4 to 6 feet; the leaves being veined and variegated with different shades of green, when massed alone or with Cannas they produce a most striking and beautiful effect. They are of easy culture, and will grow in almost any garden soil, but if especially large plants are wanted they should be planted in a well enriched soil and given an abundance of water throughout the season.



CALADIUM BULB PRICES—Postpaid.

EXTRA LARGE—Fancy Bulbs over 12 inches in circumference. 50c. each.
FIRST SIZE—9 to 12 inches in circumference—Each, 30c.; doz., \$3.00.
SECOND SIZE—7 to 9 inches in circumference—Each, 20c.; doz., \$2.00.
THIRD SIZE—5 to 7 inches in circumference—Each, 10c.; doz., \$1.00.



CINNAMON VINE.

Cinnamon Vine.

This beautiful and rapid climber possesses the rare quality of emitting from its lovely white flowers the delightful odor of the cinnamon. They are perfectly hardy, the stem dying down every autumn, but growing again in the spring so rapidly as to completely cover any trellis or arbor very early in the season. Vines often run 25 feet or more, and when trained over and about a door or window make an ornament much admired, while its many clusters of delicate white flowers send out an amount of fragrance that is truly wonderful. It is easy to cultivate, has no insect enemies, and is not affected by drought because it roots so deeply. The tubers are called "Chinese

Yams;" they increase in size from year to year, and are often two feet long at two or three years of age; said to be equally as good for table use as potatoes. We have grown this vine for more than ten years, and sent out many thousands to every section of the country, and the only verdict is—"One of the most desirable climbers in cultivation." One nice Root or Tuber, 10c.; 2 for 15c.; 5 for 25c.; 15 for 30c.; 40 for \$1.00; 100 for \$2.00, postpaid. We pack carefully and guarantee safe arrival.

Aristolochia Siphon. Dutchman's Pipe Vine.

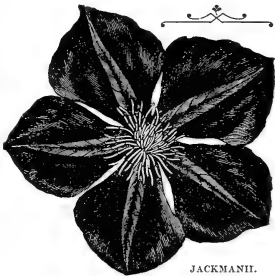
A magnificent perfectly hardy vine of rapid growth, with very large heart-shaped leaves and brownish flowers, resembling in shape a miniature pipe; splendid for archways or verandas. The leaves retain their light green color from early spring to late fall. Each, 30c.; 4 for \$1.00. Extra Strong Plants, 50c. each; 3 for \$1.25.

Gloxinia.

A charming class of summer-blooming plants, the rich and varied coloring of the flowers being beautiful in the extreme, many of them beautifully speckled; flowers being of a diameter upright and pendulous; colors, crimson, violet, rose, scarlet, white, etc. They attain the greatest perfection if grown in light, rich soil, in a shady, well ventilated frame. After they are done blooming they may be kept in a warm, dry cellar, or under the stage of a green house. Our mixture has many colors ranging from white to crimson and purple. Each, 15c.; 6 for 75c.; dozen, \$1.40.

Clematis

The justly proud queen of all climbers, with its beautifully varied flowers, which are produced from June until October. A rapid grower. It delights in rich soil and a sunny position. Perfectly hardy, and when well established is a profuse bloomer.



JACKMANII.

Mad. Edouard Andre.

Entirely distinct; the nearest approach to a bright red ever sent out. Resembles Jackmanii in freedom of bloom, strong vigorous growth, shape and size of flower, but is of a distinct carmine red color of a most pleasing shade. 50c. each.

Jackmanii.

Flowers dark, rich royal purple; very free bloomer; the best known and most popular.

RAMONA—

A strong, rampant grower; very hardy; free and perpetual bloomer; flowers very large; deep sky blue.

MAD. BARON VIELLARD—

Flowers very large; light rose with lilac shadings; a rank grower and very distinct.

GIPSY QUEEN—

One of the finest dark purple varieties; a very strong grower and free bloomer.

Henryii.

One of the best. Of robust habit and a free bloomer; large finely formed flowers of a beautiful pure white. Very hardy.

DUCHESSE DE EDINBURG—

The best and freest flowering double white variety. Flowers deliciously scented, medium size.

VITICELLA KERMESINA—

Splendid variety, profuse bloomer and strong grower, with pretty foliage and bright wine-red flowers of medium size.

Each, 50c. Any 3 above for \$1.25; 6 for \$2.25. The 8 for \$3.00.

Extra Strong Plants, of above, 75c. each; 3 for \$2.00.

COCCINEA—

Bell-shaped flowers, bright coral-red; blooms from June until frost; rapid grower; very free bloomer. Each, 25c.; 5 for \$1.00.

VIRGINICA (American White)—A very rapid growing and hardy plant; seeds furnished with long, plumose, downy tufts; flowers, small white. Each, 25c.; 5 for \$1.

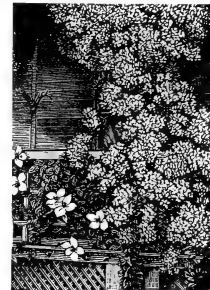
CLEMATIS PANICULATA.

New Sweet-Scented Japan Clematis.

One of the finest additions to our list of hardy climbers. Of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. Flowers of medium size, pure white, borne in immense sheets; of a most delicious and penetrating fragrance. The flowers appear in September, at a season when very few other vines are in bloom.

One Year Old Plants, each, 15c.; 3 for 40c.; 6 for 75c.

Strong Two-Year-Old Plants, 25c. each; 5 for \$1.00.



CLEMATIS PANICULATA.

Cyperus . . .

Alternifolius.

. . . Umbrella Plant . . .

A plant of the very easiest culture, and will thrive in any soil if kept well watered. They thrive best, however, in damp soil or in a partially shaded place like the north side of a fence, etc. It will grow in a bowl, dish or vase partly filled with soil and water. From the center of the umbrella-like and palm-like leaves appear small flowers, followed by young plants. A very satisfactory plant indeed. Plants, each, 15c.; 5 for 50c. Larger Plants, 25c.; 5 for \$1.00.



UMBRELLA PLANT.



CANNAS.

The Cannas are one of the most beautiful of all foliage plants, and has long been a great favorite, but since the introduction of the new French varieties their value has been greatly increased by adding to the already attractive foliage large flowers of the most brilliant colors, and now these are the leading foliage plants known to florists, the foliage differing in the different varieties from a splendid bronze to light and dark green, and the flowers from a bright yellow to a dark red; also in variegation and mixtures. Plants grown from two to ten feet high according to the kind. Most of the following, after blooming all summer, will bloom in the winter if potted before frost. Plant outdoors about the middle of May. Do not water too freely until well started or the roots will rot. Below will be found a SELECT LIST of the best and most distinct old and new varieties. Too many varieties have been introduced with really nothing of merit or distinctness to recommend them over older kinds; such we have culled out, making up our list of all choice kinds, every one of which is a good one. We supply, up to about April 1st, dormant Roots—and Plants after the roots are exhausted.

New Giant Orchid Flowered Cannas.

America. Height 4½ feet. The first Orchid-Flowered Cannas with dark bronze leaves. The spikes are very large and the flowers enormous, of a very beautiful glowing red, flamed and striped.

AUSTRIA—5 to 6 feet high; leaves 15 to 18 inches long, 8 to 10 inches broad. Flowers 6 to 7 inches across, borne erect in large bold trusses; pure deep golden yellow.

Burbank—5 to 6 feet; Flowers 6 to 7 inches across, mostly semi-double. Beautiful rich canary yellow. Throat finely spotted crimson. Very strong and handsome.

ITALIA—Height 4 to 5 feet; Immense flowers of true orchid form. Center brilliant red. Petals widely bordered with deep yellow. Very handsome and showy.

Allemania—4 to 6 feet; Enormous flowers, frequently 6½ inches across, surpassing it in size, outer petals scarlet with a broad yellow border, inside of bloom scarlet and dark red. Foliage dark green.

PRICE, of above, each, 15 cts. The 5 for 50 cts. Doz., \$1.10.

New and Rare Cannas.

PRESIDENT MCKINLEY—Brilliant crimson, with bright scarlet shading; truss large, compact, of good shape, held well above the foliage, and the flower spikes are produced freely and evenly. 2½ to 3 feet. Each, 40c.; 3 for \$1.00.

PRES. CLEVELAND—Bright orange scarlet, large truss, strong robust habit. 3 feet high. Each, 40c.; 3 for \$1.00.

SAM RELEASE—The flowers are of a rich glowing orange-scarlet with large sized petals opening nearly flat; the ideal Cannas for massing. 3 feet. Each, 30c.; 3 for 75c.

GLORIOSA—DWARF, only 18 to 24 inches high. Color bright rich crimson, with wide border of deep golden yellow. A most showy and handsome variety. Invaluable for bedding and also for house culture. Each, 20c.; 3 for 45c.; 6 for 75c.

SUNRAY—An entirely distinct striped variety. Flowers of large size, open out well, and produced freely; a rich bright yellow, with stripes and dashes of bright scarlet. Each, 30c.; 3 for 75c. THE SET OF FIVE FOR \$1.10.

Crimson and Scarlet Shades.

Alphonse Bouvier—The standard crimson; large, bright crimson flowers; 6 feet.

Beaute Potvine—The ideal bedding Cannas; always in good condition in all kinds of weather; bright, rich crimson; 3 feet.

Chicago—Bright vermilion scarlet with Very handsome and popular. 4 feet.

Chas. Henderson—Flowers crimson. One of the best. 4 feet.

Columbia—Foliage green; petals slightly overlap, very thick and firm; an early and constant bloomer; a rich glowing red. 3 feet.

Exploateur Crampel—Flowers large, color a clear vermilion scarlet, tinted with crimson spots. 5 feet.

F. R. Pierson—Flowers large, clear scarlet with yellow throat. 3 feet.

Midway—Strong grower; rich vermilion, slightly streaked light crimson. 4 feet.

P. J. Berchmans—Green foliage; flower-spike compact; flowers large, bright cherry, almost identical with the variety Ehemanni. 5 feet.

PRICE—any of above—Each, 10 cts.; 6 for 50 cts.; dozen, 90c.

Gilt Edge Varieties.

Madam Crozy—Old reliable all round general purpose Cannas. Very large scarlet red, flowers bordered with gold. Spike large, fine form; great foliage. 4 feet.

Cuba Libre—Large flower, deep blood-red with gold border, and fully equal to Madam Crozy in flowers, foliage and habit of growth.

Queen Charlotte—Rich crimson scarlet with wide gold border on every petal. A profuse bloomer. Broad green leaves. 3½ feet.

Sou. de Antoine Crozy—fine gilt edge variety. Large full spikes, Rich crimson flowers, bordered with golden yellow. 3 feet.

PRICE—any of above—Each, 10 cts., 6 for 50 cts.; dozen, 90 cts.

Bronze Leaved Varieties.

Egandale—Strong, compact flower spikes; color currant-red. The finest bedding Cannas of its color. 4 feet.

General Dodds—Color deep vermilion, with slight crimson dots. 4 feet.

J. D. Cabos—Rich maroon foliage, flowers large and round, color exceedingly distinct rich apricot. 5 feet.

PRICE—any of above—Each, 10 cts.; 6 for 50 cts.; dozen, 90 cts.

Yellow, Orange and Salmon Shades.

Florence Vaughan—The highest type. Petals remarkably wide, rounded on the ends, of good substance, very large yellow flowers, thickly dotted with bright red. Foliage green, splendid broad leaves. An ever bloomer. 4 feet.

Eldorado—Foliage green; flowers large yellow, finely speckled with lightest red; always a mass of brightest golden yellow.

Paul Marquant—Green foliage, strong flower-spikes; extra large flower of a deep salmon color, smoothly shaded orange. 4 feet.

Stella Kant—Flowers medium size, of rich apricot color, resembling J. D. Cabos, except in foliage, which is green. 5 to 6 feet.

PRICE—any of above—Each, 10 cts.; 6 for 50 cts.; dozen, 90 cts.

Special Prices on Larger Quantities than here Quoted on Application.

We will make PLANS and ESTIMATES on CANNA BEDS for customers if they will write, stating the amount of space and about the amount they desire to expend.

Extra Fine

Gladiolus

"True Blue."



THESE fine Summer and Fall Flowering Bulbs will produce blooms which embrace every shade of color, and are marvels of beauty. Great improvements have been made in this flower during the past few years.

They are of easiest culture and produce their brilliant spikes the first year. As soon in the spring as the ground is sufficiently warm and dry, make plantings at intervals of two weeks during the spring months, whereby a succession of bloom will be had. In the fall the bulbs can be taken up and stored over winter in a dry place. **Our Prices include prepayment, unless otherwise noted.**

Mixed Gladioli. The bulbs we offer are of the finest quality, and no better mixture can be had, where fine colors and distinct markings are desired. Our stock is produced by leading specialists and the most critical growers in the United States, hence, improving in quality from year to year. **Greater satisfaction for the small outlay required can hardly be obtained.**

OUR "True Blue" Mixture.

Made up of extra high grade varieties, the newest and most popular named sorts producing the greatest possible range of color and containing many fine specimens of rare beauty which will be appreciated by the most critical and those who care to grow only the best obtainable. A mixture bound to lead all others in popularity. **Postpaid—5c each; 6 for 25c; doz.—40c; 40 for \$1.00; 100 for \$2.25. By Express—\$1.75 per 100; \$15.00 per 1000.**

CHICAGO, ILL.—"Gladiolus seedlings sent me last spring were superior to any seedlings I have seen so far."—C. J. S.

EGANDALE, ILL.—"The Gladiolus far exceeded my expectations, and compared most favorably with the set that COST FIVE TIMES what they did."—W. C. E.

WASHINGTON, D. C.—"Bulbs sent were much superior, in every way to the 'Superb' collection I had from others the previous year."—C. BROS.

BALTIMORE, Md.—"Gladiolus received from you were the best we ever grew."—C. BROS.

MACOMB, ILL.—"Gladiolus bulbs bought of you are the finest I ever saw; so many varieties and all extra fine."—S. T. D.

OUR STANDARD MIXTURE.

A well balanced mixture unsurpassed in beauty and variety of color, hardly any two alike, composed of old standards and new ones of high merit. **Ordered only by our True Blue Mixture. Postpaid—3 for 10c; doz.—30c; 50 for \$1.00; 100 for \$1.75. By Express—\$1.25 per 100; \$11.00 per 1000.**

POPULAR LOW PRICE MIXTURE.

CHEAP ONLY IN PRICE. Composed of first and second size bulbs of many choice kinds with a wide range of color. Very popular for general use. **Postpaid—4 for 10c; doz.—20c; 100 for \$1.25. By Express—\$1.00 per 100; \$8.00 for 1000.**

LEMOINE'S BUTTERFLY, MIXED. Made up of finest sorts. **Postpaid—3 for 10c; doz.—30c; 40 for \$1.00; 100 for \$2.00. By Express—100 for \$1.60.**

New Giant Gladiolus. A magnificent new race with extraordinary large flowers of remarkable beauty. **All Colors Mixed, each, 5c; doz., 50c; 100 for \$4.00, postpaid.**



CHOICE NAMED GLADIOLUS.

One each of the following 10 Named Varieties for 75 cents, Postpaid.

- African**—Darkest crimson black, with pure white blotch in the throat. The darkest and one of the finest colors; large flower and spike. Each, 10c.
- Amalthee**—Pure white, violet-red blotch. 10c.
- Ceres**—White, spotted with purplish rose. 5c.
- Isaac Buchanan**—Fine, clear canary-yellow. 5c.

- Grand Rouge**—Enormous spike and flower of the most perfect shape and intense scarlet, with small white blotch in throat. Grandest of all scarlets. 10c.
- La Candeur**—White, striped carmine-violet. 10c.
- Mile, Marie Mies**—Delicate rose, flamed with carmine, slight rose blotch; dense spike. 20c.
- Mabel**—Deep pink, shaded carmine; many flowers open at one time; dwarf habit. 5c.

May—Lovely pure white flower, finely flaked—bright rosy crimson; superb spike. 5c.
Snow White—Magnificent variety with grand spikes of large snow-white flowers. 20c.

GLADIOLUS—SEPARATE COLORS. Prices Quoted are Postpaid.

| | EACH. | DOZ. | 100 |
|------------------------------------|-------|------|--------|
| White and Light Shades, Mixed..... | 4c. | 30c. | \$2.50 |
| Pink Shades, Mixed..... | 4c. | 35c. | 2.50 |
| Red and Scarlet Shades, Mixed..... | 4c. | 30c. | 2.00 |

| | EACH. | DOZ. | 100 |
|-------------------------------------|-------|------|--------|
| Yellow Shank, Mixed..... | 5c. | 50c. | \$3.25 |
| Striped and Variegated, Mixed..... | 4c. | 35c. | 2.50 |
| Scarlet and Pink—White throats..... | 5c. | 50c. | 3.50 |



Hibiscus.

"New Crimson Eye."

A robust grower with dark stems and foliage. Flowers immense size, purest white, with large spot of deep, velvety crimson in the center of each. Perfectly hardy; blooms first year in open ground. Each, 15c; 4 for 50c; 9 for \$1.00.

Honeysuckles.

This good old standby is the cheapest, best and most satisfactory hardy climber in the list.

- Japan Golden Leaf (Aurea Reticulata)**—Beautifully variegated foliage; leaves netted with clear yellow; flowers yellow; fragrant.
- Chinese Twining**—Blooms at intervals through the summer, and retains its foliage late into the winter; flowers nearly white.
- Halleaux**—White, changing to yellow; very fragrant; June to Nov.
- Monthly Fragrant**—Fine, rapid growing variety; flowers large and very fragrant; color red and yellow; a constant bloomer.
- Scarlet Trumpet**—A strong, rapid grower; blooms very freely the entire season; bright red trumpet-shaped flowers.

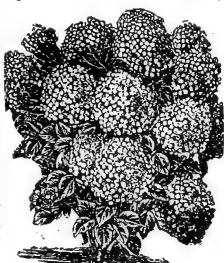
EACH, 15 CENTS; 5 FOR 60 CENTS, Postpaid.

SUPERB DOUBLE HOLLYHOCKS.

As a background in large borders or beds of the lower growing herbaceous plants there is nothing better. For planting in rows or groups on the lawn, or interspersing among shrubbery, they are invaluable. Flowers elegant in shape, and form perfect rosettes of the most lovely shades and colors. We offer good strong thrifty plants that will bloom this season, in separate colors, white, yellow, pink, bright red and maroon, each, 15c; 8 for \$1.00. **Mixed Sorts, each, 10c; doz., \$1.00. Price for two-year-old Plants on application.**

Hydrangea paniculata Grandiflora.

One of the grandest of our flowering shrubs and absolutely hardy in all sections of the country. Easy to grow, flowers in immense panicles, white at first, gradually changing to rose color, and remains in good condition for weeks. For cemeteries or lawns nothing is more desirable. **Strong Plants, 15c; 4 for 50c. Stronger Plants, 25c; 3 for 60c; 6 for \$1. Extra large plants, by express, 40c; 3 for \$1.00; 7 for \$2.00.**



HYDRANGEA P. G.

✻ DAHLIAS. ✻

THE DAHLIA is one of the showiest of our autumn flowers. Commencing to flower in July, they are a perfect blaze of bloom until stopped by frost. Especially fine for cut flowers. We know of nothing more showy for table decoration than a loosely arranged bouquet of long-stemmed Cactus or Single Dahlias.

CULTURE. While it is one of the easiest of all flowers to cultivate, it by no means follows that it requires no attention. In fact, no flower will give such a generous response to good cultivation. Deep and thorough stirring of the soil during the early growth of the plant is indispensable. It should be given an open sunny situation for at least a portion of each day. It is a rank feeder and should be given rich soil and kept free from grass and weeds. Cultivation should cease when the blooms appear. Supply water liberally in dry weather.

Plant the bulbs 2 or 3 feet apart, according to size and habit of the plant, about 4 inches below the surface of the ground, laying the bulb on its side. Varieties growing three feet or more in height should be tied to stakes to prevent falling. Plant about the first of May in this latitude.

WINTER PROTECTION.—As soon as the frost has killed the foliage, the roots should be carefully taken from the ground and the soil shaken from among them, they may be stored away in a cool place, not too dry, but secure from frost.

DAHLIAS are divided into six general classes, and the following rules only apply in general. **Cactus**—The long narrow-petaled varieties, of general and pointed, loosely twisted. **Decorative**—Broad flat petals, formerly classed with Cactus. **Fancy**—Variegated. **Pompones**—The small round Dahlias; plants generally dwarf and bushy. **Show**—Large, well-formed flowers, showing solid colors but may have shaded tips.

Abbreviations—C, Cactus; D, Decorative; F, Fancy; P, Pompones; S, Show.

FILLING ORDERS—We send dormant roots as soon as weather will permit, up to about April 15. After our roots are exhausted we send newly grown plants.

The figures after the descriptions refer to the height, in feet, of the plant, but it will vary more or less according to richness of soil, care and season.

Prices on all Dahlias are postpaid, unless otherwise quoted.

8 GRAND NEW DAHLIAS.

ADMIRAL DEWEY. (D.) A valuable new variety, with large flowers of a beautiful rich imperial shade of pure purple. Bred to become at once as popular as the name it bears. (4) Each, 35c.; 3 for \$1.00.

C. W. BRUTON. The finest yellow decorative Cactus Dahlia yet produced. Flowers very large, perfectly full; in color a solid pure yellow, very clear and rich, with no green center, borne on very long, graceful stems, and hence of great value for cutting. Robust grower and exceedingly profuse bloomer. (3 to 4.) 25c. each; 3 for 60c.

IRIDESCENT. (D) This peerless variety is a favorite with all. One of the richest of the high colored, earliest and most profuse bloomers; large flowers of beautiful form; bright orange overlaid clear red and sufficed pink, giving it a brilliant soft appearance. Extensively grown for bouquets and decorative purposes. (3.) 25c. Each; 3 for 60c.

WHITE SWAN. (S) A new white of extra merit; long stems; fine for cutting. Easily took first prize at the New York show last fall. Each, 30c.; 4 for \$1.00.

MRS. W. J. BRYAN. (S) This new attracted marked attention wherever seen. For cutting it is a decided success, as it has exceptionally long and wiry stems. Color, light lavender, shaded rosy pink. (4½.) 25c. each; 3 for 60c.

JOHN ELITCH. (D) Pronounced by good eye sent out! Judges "the best red ever sent out." Flowers very large, five to six inches in diameter, and double to the center; the stems are long and wiry. Its color is a bright, dazzling red; velvety. (3.) 20c. each; 3 for 60c.

MATCHLESS. (C) A great prize winner. Large, handsome flowers of fine form, perfectly full and of a rich, soft maroon; exceedingly showy. (3.) 20c.; 3 for 60c.

BEAUTY. (S) A new large variety with well rounded flowers of good texture; always full to the center; an early and profuse bloomer. One of the finest, valuable for all purposes. (3.) 20c. each; 3 for 60c.

The entire collection or 8 for \$1.50, postpaid. By Express, not paid, 1.25.

3 GREAT + + + DAHLIAS.

GRAND DUKE ALEXIS. The largest Dahlia known, often 6 inches in diameter, beautiful form; ivory white; petals tubular, sufficiently open to show a faint shade of blush or peach. Takes first prize wherever shown.

MAID OF KENT. Large flower abundance; rich crimson overlaid with a delightful cherry-red, with tips of petals pure white; very attractive and pretty. (4)

PLUTON. (S) Finest of all Yellow Show Dahlias; a pure clear yellow, large and perfect; a half dwarf, branching; flowers very profusely.

Price, 15c. each; the 3 for 40c. A Fine Trio. TRY IT.



SPRAY OF NYMPHEAS.

NYMPHEA. An American Dahlia of great merit as a cut flower; large and graceful, robust grower. A novel, clear delicate pink, not unlike a water-lily; a mass of bloom from June until frost. If you buy but one Dahlia, take this. Each, 15c.; 3 for 40c; doz. \$1.50.



MAID OF KENT.



GRAND DUKE ALEXIS.



MRS. PEART.



PURITY.



FERN-LEAVED BEAUTY.

PRICES, except where otherwise priced, 15c. each; 3 for 40c.; doz., \$1.50, postpaid. All fine stock.

Mrs. Peart. (C) *A queen among Dahlias.* Its large flowers have the appearance of a white Chrysanthemum, with its long pointed petals; color delicate creamy white. (3).

Gloriosa. (C) Bright, rich velvety crimson. Its large flowers have the appearance of a white Chrysanthemum, with its long pointed petals; color delicate creamy white. (3).

Scarlet Queen. *A wonderful bloomer.* The flower is medium size, of pure cactus type, and when in full bloom is a perfect blaze of color. It is the earliest of all and continues fresh throughout the season. Color, beautiful light scarlet. (3).

Snowclad. *The very finest white Pomponé to date.* A strong grower, of branching habit; a profuse bloomer; of perfect form; always full to the center. Largely grown by florists for design work. A hundred perfect flowers can be produced to the plant if well cared for. *A prize taker.* (3½).

Mrs. E. C. Monroe. (C) A lovely shade of sulphur-yellow blending to rich cream; flowers large, of perfect form, and produced on long stems in such endless quantities as to almost obscure the foliage; petals long, beautifully reflexed, like a large Chrysanthemum. (3.) 25c. each; 3 for 60c.

Baron Schröder. (C) A superb clear purple and entirely distinct variety, of large size and great substance; petals beautifully arranged. (3).

Apple Blossoms. (F) A very pretty variety, combines all the shades found in apple blossoms, from red, pink and carmine to pure white. The first flowers are deep red-pink and carmine, but as the season advances they gradually open, lighter and lighter until they become pure white. (3.) 25c. each; 3 for 60c.

Kate Haslam. (S) Lovely soft pink; petals beautifully quilled (3).

Glory de Lyon. (S) Largest and most perfect pure white in cultivation. Petals very large and so numerous as to form nearly a perfect ball. (3.)

SINGLE DAHLIAS.

JOHN COWAN—Fine, rich scarlet.

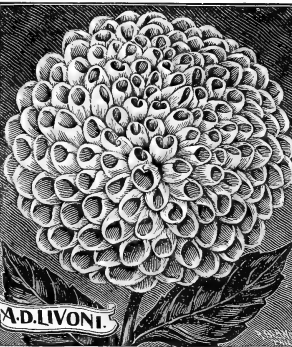
MISS ROBERTS—Fine, large yellow.

SNOW QUEEN—Best pure white.

FASHION—The best high colored sort. Crimson-maroon, flamed purple; light disc.

"THE DAHLIA."

(By PEACOCK.) A practical treatise on the cultivation of the Dahlia. Beautifully illustrated and well printed on toned paper. Postpaid, 30 cents. May be had Free with a Dahlia Order amounting to \$2.00.



A. D. LIVONI.



WM. AGNEW.



MISS MAY LOMAS.

Purity. (S) A new first-class, up-to-date pure white Dahlia of large size, perfect form and exquisite finish; a vigorous grower, dwarf-branching; a free bloomer. (3)

Black Prince. (C) Large velvety maroon, almost black. (4.)

Miss May Lomas. (S) One of the grandest in the entire list. The flower is distinct, having very large, shell-like petals of exquisite, waxy finish; in color pure white, faintly suffused with soft, rosy lavender. A charming flower and very desirable for cutting. (3.)

Wm. Agnew. The finest of all red Cactus Dahlias, and the largest in size; a magnificent flower in color and form; flowers sometimes measure more than seven inches in diameter; always full to the center; long petals, the outer row beautifully twisted, of the richest shade of intense dazzling red. Plant of medium height and branching. A good bloomer. Splendid either for specimen plants or for massing.

A. D. Livoni. (S) Medium to large; most perfect in form, of a delicate rose, soft and clear; very graceful and one of the very finest pinks. (3.)

PROSPECT, OHIO, July 24, '98.—"I had splendid luck with Dahlias bought of you last spring—the best I ever had!"—MRS. L. H.

MARLBOROUGH, CONN., Sept. 13, '98.—"Dahlia Roots arrived in good condition and grew and bloomed beautifully."—MRS. F. G.

DAHLIA PRICES, for all varieties, except where priced, 15c. each; 3 for 40c.; doz., \$1.50. postpaid. Buyers choice of kinds.

Heliotropes. Nothing can take the place of Heliotropes in a bouquet. Any rich, light soil will answer for them. They are suited equally well for pot culture and for borders. Universally popular on account of their delightful fragrance. PRICE—8c. each; 4 for 25c.; 75c. per dozen.

Albert Deleaux—Purple flowers, leaves finely variegated with golden-yellow. Quite striking.

Chameleon—Bright blue, passing to pale lavender.

Snow Wreath—The nearest to pure white, trusses very large, exquisite fragrance.

Florence Nightingale—Dark lavender; blue.

Czar—Dwarf. Dark, stiff stems and flowers of deep, intense violet.

Hardy Sunflower. (*Helianthus Multiflorus*)—A "Golden Gem" and a great addition to our hardy Herbaceous plants. Its dark golden-yellow color is both fashionable and beautiful for cut flowers, and planted singly or in clumps on the lawn gives a splendid effect, as it is one of the most hardy plants; after once planted it is always there and grows more beautiful from year to year. 10c. each; 3 for 25c.; 6 for 40c.; doz. 75c.

Weeping Lantana. A fine plant of graceful drooping habit, producing flowers at each leaf. The fragrant flowers are a brilliant rosy lilac, and literally cover the whole plant. One of the best plants for hanging baskets. Trails or climbs as desired. Grown as single specimen in basket or pot it is very attractive; makes a useful garden plant for borders, etc. 15c. each; 2 for 25c.; 5 for 50c.; 10 for 80c., *postpaid*.

Iris Kämpferii.

(Japan Iris)—The *Fleur-de-Lis* so popular in France. The flowers are of immense size—6 to 8 inches in diameter—of the most beautiful and delicate shades. Perfectly hardy; flowers in great profusion. A well-established plant gives a dozen or more flower stalks 2 to 3 feet high, each stalk producing one to four blooms. Thrives best if planted in moist soil; if this cannot be had, water freely while growing and flowering.

Mixed Double Japan—10c. 3 for 25c.; 6 for 40c.; doz. 75c., *postpaid*.

Mixed Single Japan, same price.

German Iris. In bloom several weeks before the Japan; the flowers are smaller but equally as rich in color. **Best Mixed German**—8c.; 6 for 35c.; doz. 65c., *postpaid*.

Lily of the Valley.

No garden is complete without a few clumps of these fragrant flowers, which are such universal favorites as to need no description. **Strong Flowering Pips**—8c.; 3 for 10c.; doz. 40c.; 100 for \$3.00. **Clumps**, for immediate effect, are preferable to Pips or single corms. Each, 30c.; 4 for \$1.00. Either Pips or Clumps are *postpaid* by us.

Lilies.

Lilies are favorites everywhere. Their culture is simple and with a little care failure is impossible. Plant bulbs in the spring as soon as the frost is out of the ground—the earlier the better. Select a well drained spot, dig the soil deep and make it fine, enriching it abundantly with very rotten cow manure and adding a liberal mixture of sand. Set the bulbs from 3 to 3 inches deep according to size.

Auratum, (*Gold Banded*).—This variety is, beyond question, the grandest of all the Lily family. Flowers pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. Flowers (6 to 20 on a stem) produced abundantly from June to October, and possess a most delicious fragrance; very hardy; the best outdoor Lily grown. **Choice Bulbs**—20c. each; 3 for 50c.; doz. \$1.50. **Extra Large Bulbs**—25c. 3 for 60c.; doz. \$2.00. **Mammoth Bulbs**—50c. each; 3 for \$1.20.

Album, (*Speciosum*)—Pure white; very fragrant; free flowering, hardy and best for general cultivation. **Choice Bulbs**—20c. 3 for 50c.; doz. \$2.00. **Extra Large Bulbs**—25c. 3 for 65c.; doz. \$2.50.

Rubrum, (*Speciosum*)—White, heavily spotted with rich crimson. **Choice Bulbs**—15c. 3 for 40c.; doz. \$1.50. **Extra Large Bulbs**—25c. 3 for 65c.; doz. \$2.50.

Melpomene, (*Speciosum*)—Very large, rich blood-crimson, heavily spotted. **Choice Bulbs**—20c. 3 for 50c.; doz. \$1.50.

Tenouifolium—Beautiful and perfectly hardy; blooms early in the season; color, lovely vermilion scarlet; very handsome. *The coral Lily of Siberia*, fine for cutting, and should be grown by the dozen. 25c.; 3 for 60c.; doz. \$2 '5.

Alance—Beautiful clear buff, spotted black. 15c. 3 for 40c.

Batemani—Beautiful flower of clear red color. 25c. 3 for 60c.

For Easter and other Lilies that cannot be planted in the spring, see our Fall Bulb Catalogue, issued about August 1st. Sent free on application.

CALLA LILIES.

Ethiopia—A fine, old, well-known house plant, with large, beautiful pure white flowers long yellow spathe and broad glossy green leaves. Easy culture, requiring an abundance of water and moderate heat during growing season. Re-pot in September, in rich soil. 25c.; 5 for \$1.00.

Spotted Calla—Resembles White Calla, but is of smaller habit. Leaves a glossy deep green with numerous white spots. Ornamental, even when not in bloom. 15c.; 2 for 25c.; 5 for 50c.

Dwarf Calla, "Little Gem" — Scarcely ever exceeds one foot in height; produces good sized flowers in abundance. 20c.; 3 for 50c.

Hardy Water Lilies

Are becoming more popular every year; no class of plants are more easily cared for when once established.

The cultivation is very simple: the best soil for growing them is a rich, porous manure, or liberal mixture of well rotted manure; cow manure is very desirable. Rich mud from the bed of a pond or sluggish stream is also good. They may be successfully grown in the open air in tubs, either on the surface or sunk in the ground. Oil barrels cut in two make fine growing tubs. About the middle of May put in the loam to the depth of 6 or 8 inches, in which plant the roots, barely covering them. Put on about 2 inches of sand to prevent the manure from rising to the top. Fill in 6 inches of water, set in a sunny place, add water gradually until the tub is full by the time the leaves have covered the surface, and replenish the water as it loses by evaporation. In the winter pour off the water and remove to a cool cellar, or keep from hard freezing by covering with leaves.

NYPHÆA odorata—The well known white Lily of our ponds and streams. Flowers of a golden yellow color. 20c.; 6 for \$1.00.

N. odorata rosea—The famous pink Water Lily of Cape Cod. A very choice variety. 40c.; 3 for \$1.00.

N. odorata gigantea—A large white variety, superior to *N. odorata*, having a more fragrant, golden yellow center. 20c.; 6 for \$1.00.

N. Marliacea chromatella—The grandest of all yellow Nymphæas. Very double, the color being a very beautiful lemon-yellow; a free bloomer, and as hardy as an oak. 40c.; 3 for \$1.00; 7 for \$2.00.

N. alba candidissima—The large white variety of Europe. Flowers large, a free bloomer, one of the choicest varieties. 50c.; 3 for \$1.25.

Ne ubium Speciosum—(*Egyptian or Sacred Lotus*)—A grand Lotus; perfectly hardy, and one of the loveliest; the flowers when expanding are a beautiful rosy pink; when open, creamy white and pink; very fragrant. Should not be planted earlier than the latter part of May. **Flowering Tubers or Plants**—50c.; 3 for \$1.25.

Water Hyacinth—Very interesting and beautiful; floats on the surface of the water and produces fine spikes of light rosy lilac, orchid-like flowers. Should be grown in about three inches of water. Each, 15c.; 5 for 50c.; doz. \$1.10.

Water Poppy—(*Limnorcharis Humboldtii*)—Flowers a beautiful clear yellow; poppy-like; good for growing in shallow water or aquariums; very attractive. 15c. each; 5 for 50c.; doz. \$1.10.

Spider Lily. White

A bulbous plant of the Amaryllis family, of easy culture, producing large clusters of beautiful pure white flowers very freely, during a succession of bloom all summer. Delightfully fragrant. 20c.; 3 for 50c.

Pink Spider Lily—Flowers vary from light pink to deep scarlet; by artificial light they sparkle like jewels. Admired by all who see it. 20c. each; 3 for 50c.

DAY AND LEMON LILIES.

Hemerocallis fulva (Lemon Lily)—Flowers 3 inches across; orange-red; 10c. each; doz. \$1.00.

H. flava (Day Lily)—Splendid pure lemon-yellow, fragrant flowers; 15c. each; doz. \$1.00.

H. kwanso plant (Orange Lily)—Flowers orange-yellow; full double. 15c. each; doz. \$1.25.

Funkia Alba. (Plantain Lily)

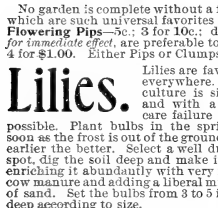
A handsome, showy plant, with beautiful, large broad leaves, large, pure waxy white; large trusses; very fragrant. 15c.; 4 for 50c.



LITTLE GEM CALLA.



JAPAN IRIS.



COPYRIGHT



LILY AURATUM.



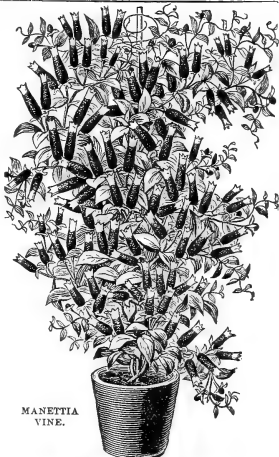
SPIDER LILY.



MONTBRETIAS.

Montbretias. (*Crocsmiflora*)—A very desirable acquisition to our summer flowering plants. Scarcely any bulb will give as much bloom. They are hardy, easily grown and propagate amazingly; once planted they care for themselves. The bulbs, planted in groups six inches apart in a sunny place and left undisturbed for several years will form magnificent clumps, and throw up large spikes of star-shaped flowers of rich orange and red color. Spikes from 20 to 30 inches high. They flower freely the first season and should be planted by hundreds. Bulbs, 3 for 10c.; doz., 25c.; 50 for \$1.00; 100 for \$1.75, *postpaid*.

Manettia Vine. A beautiful twining plant producing showy tubular flowers in great abundance the entire season. The color of the flowers is very striking; they are also covered with a moss, or hairy substance, that adds much to their beauty. As a pot plant to train on a trellis it is unrivaled; grown in this manner, it will bloom for several years and succeed in open ground. Grows 8 to 10 feet. A plant of rare beauty.
Bicolor—Flame color tipped yellow. 15c.; 4 for 50c.
Cordifolia—Distinct crimson variety. 15c.; 4 for 50c.
One of each variety for 25 cents.



MANETTIA VINE.

Matrimony Vine. *Lycium Chinese.*

A vigorous hardy climbing plant with bright purple flowers, succeeded by brilliant scarlet berries, which ripen early and remain late on the vine; grows in any situation, either shade or sunlight, and in any soil. **Plants**—15c. each; doz., \$1.50.

Maderia Vine. The old favorite "Climbing Mignonette"—A rapid growing vine that succeeds in almost any soil; of easy cultivation; covers a large space in a very short time; leaves light green; bears a small, white feathery, very fragrant flower. **Roots**—5c.; 6 for 25c.; doz., 40c.; 100 for \$2.50.

Hardy Moon Flower.

Ipomoea Pandurata, or Day-Blooming Moon Flower—Perfectly hardy, and increases in size each season; thrives in any soil and produces luxuriant, compact foliage and quantities of beautiful flowers with a purple throat. 10c. each; 6 for 50c.

Mexicana—Large pink flowers. Not hardy, but having tuberous roots it can be wintered like Dahlias. **Tubers**—15c. each; 6 for 50c.

Moon Flower. (*Noctiflora*)—The well known *White*

Moon Flower. A rapid-growing vine, which will easily cover a surface 25 x 40 feet in a season. At night and during dark days the plants are covered with an abundance of large, fragrant flowers 3 or 4 inches in diameter. One of the most showy annual climbers. Fine Plants ready about May 20. Each, 10c.; 6 for 50c.; doz., 90c.

Pansies.

Favorites with every one, and too well known to need any description. The plants we offer are grown from **Livingston's Fancy Strain**, embracing largest size, best colors and finest forms from best foreign and home collections. **Strong Plants**, 5c. each; doz., 50c.; 100 for \$4.00.

PELARGONIUMS. *LADY WASHINGTON OR PANSY GERANIUMS.*

Grand old favorites and well-known to all our readers, but the new varieties are much in advance of the older kinds.

DOROTHY—One of the finest ruffled or fringed varieties; flowers large, rosy salmon, dark maroon blotched on upper petal, richly shaded plum around the throat; flowers early in the season and is covered with bloom to the end of the season. 25c.; 3 for 60c.

CAPT RAJES—Bright crimson, black velvet blotch. 30c.

MADAME THIBAUT—White, richly blotched and marbled with rose, immense trusses of large, fine flowers. 20c.

OXALIS. *Summer Flowering*

Valuable for creating walks, flower-beds, etc. Bulbs planted 3 inches apart form rounded rows of delicate foliage about 1 foot high; they produce flowers in continual succession. **VERY CHEAP—TRY A HUNDRED OF EACH.**

Lasiandra—Fine rose pink.
Delpea—Rosy white. **Price**—Each Sort—doz., 10c.; 3 doz., 25c.; 100 for 50c., *postpaid*.

Pæonies. (*Herbaceous*)—A very

showy and most useful class of plants; exceedingly hardy, and will flourish in any section of the country, no matter how cold. They grow and flower well in almost any soil with very little care, but the flowers will be finer and the colors brighter if given rich soil and plenty manure. **Double White, Rose and Crimson**—25c. each; 6 for \$1.25.

Hardy Phlox. One of the most satisfactory plants

for the garden, and of easy culture. Perfectly hardy, they come up year after year and bloom for months. Each truss of flowers forms a perfect pyramidal bouquet by itself. Colors, represented in our choice collection are rose, carmine, red, purple, pure whites and salmons, with their distinct eyes. Each, 10c.; 3 distinct sorts, 25c.; 15 for \$1.00.

New Scarlet—"Ball of Fire"—A new variety of brilliant crimson color; very fine contrast with the white. 15c.; 2 for 25c.

Jean d'Arc, New—A fine companion to the preceding, growing about same height, with large heads of pure white flowers. 10c. each; 3 for 25c.

PALMS. Indispensable for decorations, the most satisfactory and best adapted for house culture.

THE KENTIA (*Belmontiana*)—The hardest plant in cultivation, and most satisfactory for house culture. A most graceful plant of slow growth, not affected by dust or dry atmosphere of our heated rooms.

COCOS WEDDELIANA—The most elegant of the smaller palms. Slender, erect stems, with graceful arching leaves of rich green. Admirable for fern dishes or use on the table.

LATANIA BORBONICA—The old well-known *Fan Palm*. Very hardy, of easy cultivation, and its large deeply divided fan-shaped leaves make an attractive ornament.

Prices, postpaid size—KENTIA, 35c.; COCOS, 25c.; LATANIA, 25c. *By Express*, each from 50c. to \$5.00, according to size.

LADY WASHINGTON OR PANSY GERANIUMS.

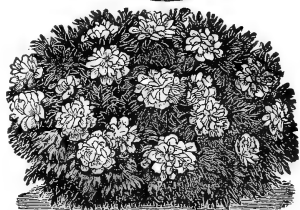
Grand old favorites and well-known to all our readers, but the new varieties are much in advance of the older kinds.

VICTOR—Bright cherry-red, white markings at base of each petal, two upper petals heavily spotted with deep maroon; fine large flower. 20c.

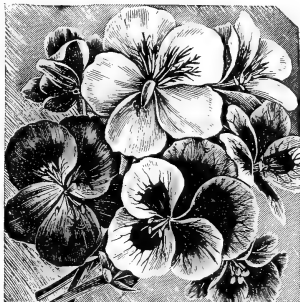
MRS. ROBERT SANDIFORD—Flowers large size, well doubled, beautifully ruffled and of glistening snow-white color. 20c.

MME. VIBERT—Fiery red; edged rose, dark velvet blotch. 20c.

The Last 5 Pelargoniums for 75 cts.

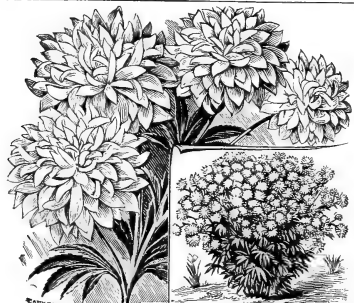


PÆONIES



LADY WASHINGTON OR PANSY GERANIUMS.





NEW DOUBLE GOLDEN RUDBECKIA.



SWAINSONIA.



WISTARIA.

New Double Golden Rudbeckia.

One of the most distinct and beautiful hardy perennials introduced for years. It will give you armfuls of large, very double golden yellow flowers, elegantly set off with their own foliage. Each, 15c.; 4 for 50c.; doz., \$1.25.

Swainsonia Alba.

A most desirable free-flowering plant with pure white flowers, the individual blooms resembling a sweet pea. Its easy culture, growing in almost any light position, its freedom of bloom, and the grace and beauty of the flower and plant makes it very popular for house culture. Plants, 15c.; 4 for 50c.

Swainsonia Rosea—Beautiful rose-colored variety, exactly like *Alba*, save in color, and combines with it very beautifully. Plants, 15c.; 3 for 40c.

ONE PLANT OF EACH FOR 25 CENTS.

Ornamental Asparagus-Sprengeri.

(New.) Highly praised everywhere; handsomest seen drooping from a pot or basket. Sprays 4 to 5 feet long, of fresh green feathery foliage, useful for bouquets, wreaths or sprays; remains for weeks after cutting. Grows freely the year round. Flowers white, followed by red berries. A plant that will please. Plants, 15c.; 4 for 50c.; doz., \$1.25.

Sweet-Scented Shrub.

(*Calycanthus Floridus*.)—Flowers purple, very double and deliciously fragrant; remains in bloom for a long time. Very desirable. 15c.; Larger Plants, 25c. to 50c.

Japan Snowball. A valuable hardy shrub; flowers as large as the old variety but much more numerous; often twenty balls on a branch. Growth upright and compact; foliage olive green; beautiful both in leaf and flower. Each, 25c. Larger Plants, 40c.

Salvia.

Spiciens—Scarlet sage. 10c. each; doz., 75c.

Wm. Bedman—Fine new variety. 10c.; doz., 75c.

TUBEROSES.

One of the most delightfully fragrant and beautiful summer flowering bulbs. The flowers are waxy-white, and the sweetest scented that grows. The growing plant is fond of light and heat and should not be planted outside before April 1st. If planted in 5 or 6-inch pots and sunk in the ground late in autumn they can be taken indoors for flowering.

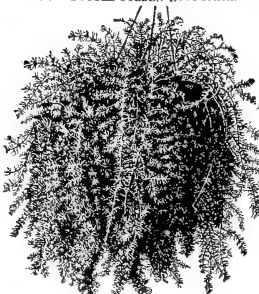
Our Tuberose Bulbs are grown and cured with the greatest possible care, and our annual output is many thousands.

Double Dwarf Pearl Tuberose—Flowers large size and very double. **Extra Select Bulbs**, POSTPAID, each, 4c.; 3 for 10c.; doz., 35c. BY EXPRESS, at buyer's expense—doz., 25c.; 50 for 80c.; 100 for \$1.50.

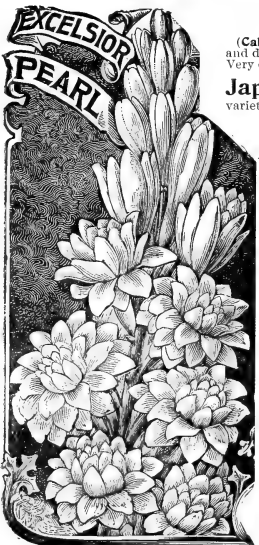
Variiegated Leaved—Leaves striped, flowers single; bloom earlier and year after year. Each, 5c.; 6 for 25c.

Write for Special Prices on Larger Quantities of Tuberozes.

Miss Laura Adams, Enslow, Pa.—“The Tuberose Bulbs bought of you gave satisfaction. One had 27 buds on it at one time.”



ASPARAGUS SPRENGERI.



TUBEROSE FLOWER SPIKE.

Very popular, hardy, rapidly growing to 50 feet or more. It flowers in early spring, and when in bloom is truly magnificent; flowers in masses like a bunch of grapes.

Sinensis, Blue—Soft lavender blue; fragrant. Each, 25c.

Sinensis, White—Pure white. Each, 35c.

Violets.

We offer four sorts of this popular and exquisitely fragrant flower. Prices—10c. each; the 4 for 35c.; 6 for 50c.; doz., \$1.00.

Marie Louise—The favorite variety; double blue.

The Czar—Single, dark blue.

California—Single, clear violet-purple.

Swanley White—Double. Finest double white in cultivation.

Verbénas.

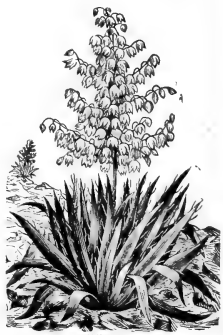
Our collection embraces many shades of the mammoth strain. 10c. each; doz., 50c.; \$3.00 per 100.

Vincas.

Beautiful green-edged white vines for baskets, vases, etc. 10c. each; \$1.00 per doz.

Yucca. (Adam's Needle.)

A tropical looking plant, with long narrow leaves that remain green the entire year; has a strong flower stem 3 or 4 feet high, bearing a large spike of creamy white, bell-shaped flowers that retain their beauty a long time; a fine plant for cemetery, lawn, center plants, etc. **Good Roots**, 25c. **Stronger Roots**, 35c.



YUCCA.

SMALL FRUITS.

We call special attention to our list of Small Fruits. While not extended, it contains the best Standard and many of the Choicest New Varieties.

Price of Plants.—The prices quoted are net cash for spring delivery, and we will not be held to these prices in July, August, etc., (*Fall delivery*). No plants sent C. O. D. Not less than 6 of any one kind will be furnished at dozen rates, or 50 at 100 rates.

Plants by Mail.—Plants are packed with sphagnum moss and oiled manilla paper, so they will go safely to any part of the United States.

Errors, with our system, very rarely occur, and when they do, we are glad to rectify them, if notified at once.

STRAWBERRIES

Plant in March, April, May, September or October. (Spring planting is much the best), on good ground deeply worked and well manured. (Bone Dust is excellent), set in rows 3½ feet apart by 15 inches in the row for field culture, and 15 inches each way for garden. Cultivate clean, mulch late in the fall, and uncover early in spring. Remove mulch after fruiting. A light dressing of manure.

Varieties marked (P) have imperfect flowers; they will not produce well unless every fourth or fifth row is a perfect flowering variety. Those marked (S) are perfect flowerers. When planted as above the (P) sorts are the most prolific. *Do not ship plants by freight.*

Choicest New Strawberries Recently Introduced.

Nick Ohmer Strawberry.

S. Original. John F. Beaver, who is conceded to be the most successful amateur fruit grower in Ohio. The plant is very large and stocky, sending out plenty of very strong runners. It is probably not surpassed in healthy, vigorous growth and great productiveness by any variety. Fruit of largest size, a giant among strawberries; dark glossy red, firm and of excellent flavor.

Margaret.

S. Second early, and continues late in bearing the finest fruit in great abundance; fruit conical (never coxcomb); color dark, glossy red, not inclined to have white tips; flesh firm, of excellent flavor. Truly a remarkably fine berry.

CARRIE. P—A seedling of Haverland, and an extra good berry. The berries resemble the Haverland, but of deeper color and firmer. Fruit of good size and quality; very productive; plants large, healthy, and hardy.

MCKINLEY. S—Plant vigorous and healthy; fruit large, roundish, conical in form, sometimes flattened; bright crimson. *Medium season.*

SEAFORD. P—A variety of most robust type; a large, deep-rooted plant; fruit large; color a deep red, bright and glossy. The Seaford is a firm red-destined variety, and consequently a good shipper. The flavor is good, with very little acidity; *banned to become popular.* *Midseason.*

RUBY. P—Fruit large, very regular and even in form; color a dark glossy red; flesh rich and juicy, firm, and of good quality; plant vigorous and hardy. Ruby seems to be all that is claimed for it. We consider it very promising, and destined to become a most profitable shipper. *Midseason to late.*

RIDGEWAY. S—An ideal plant; large, stocky, healthy and vigorous; a good pollinizer, and it remains in bloom a long time. Berry large, smooth, bright glossy crimson. Quality as good as the best. *Midseason.*

MEXICAN. S—We are well pleased with this new berry. The fruit is of good size, bright red color, regular heart-shape, and good quality. The plant is large and vigorous. *Early.*

BRUNETTE. S—This is a beautiful berry, of excellent quality and not excelled for home consumption. A fine berry to grow for "fancy market," and its quality is high. We cheerfully recommend Brunette. *Medium early to quite late.*

DARLING.—New, as early as the earliest, and the most productive berry we ever saw so early. Try Them. Doz., 25c.; 5 doz. \$1.00, *postpaid.*

Strawberry Plant Prices.

| BY MAIL. | | BY EXPRESS. | | BY MAIL. | | BY EXPRESS. | |
|------------|-----|-------------|--------|----------|-----|-------------|--------|
| PER DOZ. | 100 | 100 | 100 | PER DOZ. | 100 | 100 | 100 |
| Nick Ohmer | 30 | \$1.00 | \$8.00 | Ruby | 25 | 75 | \$5.00 |
| Margaret | 25 | 75 | 6.00 | Ridgeway | 25 | 60 | 4.00 |
| Carrie | 40 | 1.25 | 10.00 | Mexican | 25 | 75 | 4.50 |
| Mckinley | 40 | 1.00 | 8.00 | Brunette | 25 | 50 | 4.00 |
| Seaford | 25 | 1.00 | 6.00 | | | | |

GOOSEBERRIES.

Plant in good rich soil, in rows 5 feet apart by 3 feet in the row. Gooseberry Plants are sent by mail, *postpaid*, at dozen rates. If 100 is wanted by mail add 50c. per 100 to the prices given.

NEW COLUMBUS. Well tested; good everywhere; fruit of largest size, oval, greenish-yellow, of first class quality; as free from mildew as any. 25c. each; doz., \$2.00; 100 for \$10.00.

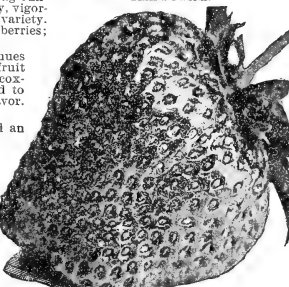
RED JACKET. Purely American. Thrifty grower, free from mildew, very hardy and productive; its fruit varieties in size, beauty and quality of flavor. 25c. each; doz., \$2.00; 100 for \$10.00.

DOWNING.—Of large size; pale green; of splendid quality for cooking and table use. 10c. each; 3 for 25c.; doz., \$1.00; 100 for \$3.00.

NORTH STAR.—Combines many good qualities. Extremely hardy and quality; *great yielder*; very sweet; exquisite flavor; free from spines and hair; often 1½ inches long. 25c. each; doz., \$2.00; 100 for \$20.00.



BRANDYWINE.



NICK OHMER.

MARSHALL. S—A high class berry; large, fine quality; one of the handsomest and greatest early berries. Should have rich soil. *Medium early.*

MUSKINGUM. S—Valuable; desirable; large berry. *Very late.*

STAPLES. S—Almost identical with Warfield, but much deeper color, and in addition a perfect bloomer; very productive; fine for early market; best fertilizer for Warfield. *Extra early.*

WARFIELD. P—Reliable shipping berry; plants very vigorous; hardy. We have an extra large stock of this as well as all of the best standards.

WM. BELT. S—Considered the standard market berry produced by the best authority in the United States. If you try but one, let it be Wm. Belt; a giant in size, very productive, brilliant red; quality extra fine; good shipper. *Midseason.*

Prices: Postpaid at dozen price. If 100 is wanted by mail add 25c. to the 100 price given below. 1000 by Express only.

| | BY MAIL. | | BY EXPRESS. | | BY MAIL. | | BY EXPRESS. | |
|------------|----------|-----|-------------|------|----------------|-----|-------------|--------|
| | PER DOZ. | 100 | PER DOZ. | 100 | PER DOZ. | 100 | PER DOZ. | 100 |
| Brandywine | 25 | 50 | 3.00 | 3.00 | Haverland | 25 | 50 | \$3.00 |
| Bubach | 25 | 50 | 3.00 | 3.00 | Lovett | 25 | 50 | 3.00 |
| Beder Wood | 25 | 50 | 3.00 | 3.00 | Michel's Early | 25 | 50 | 3.00 |
| Bismarck | 25 | 60 | 3.50 | 3.50 | Michigan | 25 | 60 | 4.00 |
| Clyde | 25 | 60 | 3.50 | 3.50 | Muskum | 25 | 60 | 4.00 |
| Enhance | 25 | 50 | 3.00 | 3.00 | Staples | 25 | 50 | 3.50 |
| Fountain | 25 | 50 | 3.00 | 3.00 | Warfield | 25 | 50 | 2.75 |
| Glen Mary | 25 | 50 | 3.00 | 3.00 | Wm. Belt | 25 | 50 | 3.25 |
| Gandy | 25 | 50 | 3.00 | 3.00 | | | | |
| Greenville | 25 | 50 | 3.00 | 3.00 | | | | |

CURRANTS.

The plants of this fruit should be set 4 feet apart, in rich soil. Cultivate well or mulch heavily.

Prices, OF ANY VARIETY—One Year Plants, 10c. each; 3 for 20c.; doz., 75c.; 50 for \$2.25, *postpaid.* By Express—1 Year Plants, 25 for \$1.00; 50 for \$1.75; 100 for \$3.00. 2 Year Plants, 25 for \$1.25; 50 for \$2.00; 100 for \$4.00. Two year plants, on account of size, must go by express, purchaser paying charges.

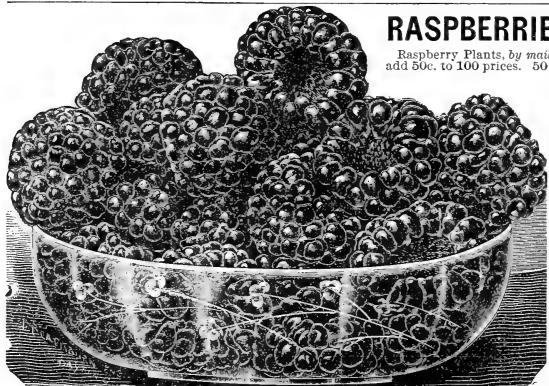
FAY'S PROLIFIC.—Robust grower, large fruit, bright red, good flavor.

VERSAILLES.—An old standard; very large red, of excellent quality.

VICTORIA.—Large, bright red; bunches long; very productive.

WHITE GRAPE.—The best white. Large, of excellent flavor.

BLACK CHAMPION.—The leading black sort.

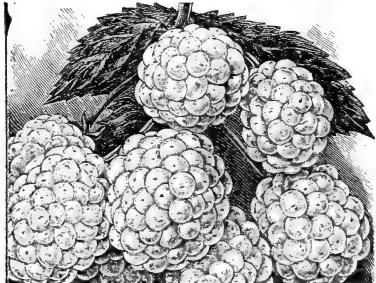


MUNGER RASPBERRIES.

"The largest, best flavored, and most productive berry I have ever seen."
—JONES FRENCH, Pres. Miami Co. Hort. Soc., Troy, O.



CUMBERLAND RASPBERRIES.



NEW WHITE BLACKBERRY, "ICEBERG."

CAMPBELL'S EARLY. Mr. Campbell, originator of this grape, has a world-wide reputation as a grape specialist, and is the introducer of some of our finest varieties. Some points of special merit in Campbell's Early are a very strong, vigorous, hardy vine, with thick, healthy mildew-resisting foliage, and abundant clusters of very large, compact and handsome grapes. Berries large, black, with light purple bloom; skin thin but very tenacious; flesh firm but tender, parting easily from its few and small seeds. Flavor rich, sweet, slightly vinous, free from foxiness. Season very early. One Year, No. 1 Each, 75c; \$6.00 per 10. Two Year, No. 1—Each, \$1.00; \$8.00 per 10. *Caution.*—To make sure that you get genuine Campbell's Early, insist that every plant bear a seal showing age and grade of vine and the year sold. The vines we send out are first-class and direct from headquarters. Buy the correct thing and get early returns.

RASPBERRIES. Will do well on any soil that will produce a good corn crop. Plant in rows 5 feet apart and 3 feet apart in the rows.

Raspberry Plants, by mail, postpaid, at dozen prices. If 100 is wanted by mail add 50c. to 100 prices. 50 plants at 100 rate; 6 at dozen rate; 500 at 1000 rate.

Munger Raspberry. (Black Cap)—Single specimens measure one inch in diameter. Munger always brings highest market price, and ranks first among "fancy fruits." Fruit black, resembles Gregg very much, but better flavored, excels it in size and extends to eight days longer, extra fine for canning and evaporating. Has a special faculty of withstanding drought and hot sun. The canes are of upright growth, and have never yet been affected by the cold of winter. Each, 15c; doz., 60c; 100, \$2.00, postpaid. By Express—\$2.50 per 100; 1000, \$20.00.

EUKEKA—(Black Cap)—The very best extra early black cap and most profitable to grow for early market; fruit large and fine, free from bloom, of excellent quality. Each, 10c; doz., 10c; 100, \$1.50; 1000, \$9.00.

LOTTA—Black Cap—A midseason berry of great merit. Plants vigorous, healthy and prolific; berries large, firm, black and glossy; sweet and juicy; the best variety of its season. Each, 10c; doz., 50c; 100, \$1.50; 1000, \$12.00.

MILLER REID—Very early. Berries bright red, large and hold their size to the end of the season; very firm; valuable to ship; one of the best varieties, quality. Each, 10c; doz., 40c; 100, \$1.00; 1000, \$8.00.

LOUDON—A grand new late red; very hardy and very productive; canes virtually thornless; remains longer on bushes than any other, never winter-killed. Each, 10c; doz., 50c; 100, \$1.50; 1000, \$12.00.

MILLER REID—Very early. Berries bright red, large and hold their size to the end of the season; very firm; valuable to ship; one of the best varieties, quality. Each, 10c; doz., 40c; 100, \$1.00; 1000, \$8.00.

LOUDDON—A grand new late red; very hardy and very productive; canes virtually thornless; remains longer on bushes than any other, never winter-killed. Each, 10c; doz., 50c; 100, \$1.50; 1000, \$12.00.

MILLER REID—Very early. Berries bright red, large and hold their size to the end of the season; very firm; valuable to ship; one of the best varieties, quality. Each, 10c; doz., 40c; 100, \$1.00; 1000, \$8.00.

LOUDDON—A grand new late red; very hardy and very productive; canes virtually thornless; remains longer on bushes than any other, never winter-killed. Each, 10c; doz., 50c; 100, \$1.50; 1000, \$12.00.

MILLER REID—Very early. Berries bright red, large and hold their size to the end of the season; very firm; valuable to ship; one of the best varieties, quality. Each, 10c; doz., 40c; 100, \$1.00; 1000, \$8.00.

LOUDDON—A grand new late red; very hardy and very productive; canes virtually thornless; remains longer on bushes than any other, never winter-killed. Each, 10c; doz., 50c; 100, \$1.50; 1000, \$12.00.

PRICES IN LARGER QUANTITIES ON APPLICATION.
In addition to the above we can supply many of the Standard Varieties. Write for prices in any quantity.

BLACKBERRIES. Should be planted in rows 6 feet apart and 4 feet in the row. They do best in good rich soil.

Mailed postpaid at dozen rates. If to go by mail add 50c. per 100 for postage. 6 at dozen rate, 50 at 100 rate, 500 at 1000 rate.

New White Iceberg. As productive and hardy, with berries as blackberry, but early, handsome, handsome and delicious as the best black ones. One of the great grandfathers of "Iceberg" was Lawton. The first generation of seedlings, when crossed with Crystal White, were all black; the second also, though varying much in other respects; but the third produced this wonderful plant, bearing the snowiest white berries ever seen. The canes are loaded with delicious snowy berries, so transparent that the seeds, which are unusually small, may be seen in them. Extra Strong Plants—Each, 20c; doz., \$2.00; 100, \$10.00; 1000, \$80.00. Light Grade Plants—Each, 15c; doz., \$1.50; 100, \$8.00; 1000, \$50.00.

EARLY HARVEST—Fruit glossy black; uniform and productive. Each, 10c; doz., 40c; 100, \$1.00; 1000, \$7.00.

ELDORADO—An enormous yielder; berries jet black, large, borne in large clusters; extra fine quality. Each, 10c; doz., 50c; 100, \$1.50; 1000, \$12.00.

OHMER—Late, large, ripens after Raspberries, firm and sweet. Each, 10c; doz., 50c; 100, \$1.25; 1000, \$12.00.

DEWBERRY, LUCRETIA—Early; ripens before late Raspberries are gone; hardy; remarkably productive; berries 1½ inches long and 1 inch in diameter; sweet, luscious flavor. Each, 10c; doz., 50c; 100, \$1.00; 1000, \$7.50.

GRAPES. Plant about 8 feet apart by a fence or building. For vineyard plant in rows 8 feet apart, 6 to 8 feet apart in the row.

CONCORD—Universally popular, succeeds everywhere; purplish black. *Express Price on Concord*—One year, 50 for \$2.00; 100 for \$3.50. Two year—50 for \$2.25; 100 for \$3.00.

BRIGHTON—Dark red; very early; large bunches; resemble Catawba, but as rich as Delaware.

DELAWARE—Small, compact bunches; light red; sweet; finest flavor.

WORDEN—A very popular black grape; ripens a week earlier than Concord; productive.

NIAGARA—A hardy, strong grower; large and compact bunches; as large as Concord; of light, greenish-white color.

Prices of each variety, unless quoted otherwise—By Mail, postpaid, 1 Year Vine, 15c; doz., \$1.25; 2 Year Vine, 20c; 7 for \$1. By Express (not postpaid)—1 Year Vine, \$1.50; 2 Year Vine, \$2.75; 50 for \$5.00 (except Concord and Niagara, 50 for \$2.00; 100 for \$4.00). Two Year Vines, \$2.00 per 100 advance over prices of one year vines. 50 at 100 rate on two year vines.

Fertilizers, Plant Foods, Etc.

As there is now very strong competition in Fertilizers, we prefer to make a Special Price to parties wanting it in TON OR CAR LOTS. Fertilizers F. O. B. Columbus.

FINE RAW BONE—Analysis: Ammonia, 4 to 5 per cent; Phosphoric Acid, 22 to 24 per cent; Bone Phosphoric, 45 to 55 per cent. A first-class article; an excellent fertilizer for grass, wheat, etc. It does not give as quick results as phosphates. 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50; bag of 200 lbs., \$3.75; 3 bags, \$11.00.

CARDEN CITY SUPER-PHOSPHATE—Analysis: Ammonia, 2½ to 3½ per cent; Soluble Phosphoric Acid, 4 to 4½ per cent; Reverted Phosphoric Acid, 4 to 4½ per cent; Soluble Phosphoric Acid, 4 to 4½ per cent; Actual Potash, 0.54 to 1.08 per cent. Stands without a rival as the largest crop producer at the smallest outlay. 5 lbs., 30c.; 10 lb., 50c.; 25 lbs., \$1.00; 50 lb., \$1.50; 100 lbs., \$2.50; bag of 200 lbs., \$3.50; 3 bags for \$10.00.

PURE GROUND BONE—Analysis: Ammonia, 3 to 4 per cent; Bone Phosphate, 40 to 60 per cent; Phosphoric Acid, 18 to 22 per cent. Every bag guaranteed pure bone and will act quicker than the *Fine Raw Bone*. 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50; bag of 200 lbs., \$3.75; 3 bags for \$11.00.

POTATO CROWER—Analysis: Ammonia, 3 to 4 per cent; Available Phosphoric Acid, 7 to 9 per cent; Sulphate Potash, 4 to 5 per cent. The best value for the money of any special, and too much cannot be said for it; a thoroughly reliable stimulant for the potato crop. 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 50 lb., \$1.50; 100 lbs., \$2.50; bag of 200 lbs., \$3.75; 3 bags for \$11.00.

DISSOLVED BONE PHOSPHATE—Good article containing both Ammonia and Phosphoric Acid. 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., 75c.; 50 lb., \$1.25; 100 lb., \$2.00; bag of 200 lbs., \$3.00; 3 bags for \$8.00.

LAWN FERTILIZER—As offered in grass department.

NITRATE OF SODA—For early vegetable crops, especially where leaf growth is desired, it will produce wonderful results. As the market fluctuates, these prices are liable to change without notice. 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.00; 200 lbs., \$5.00.

LAND PLASTER OR CYPSSUM—Used by many potato and vine growers. Excellent to mix with Paris green at rate of 10 lb. Plaster to 1 lb. Paris green. For the striped bug on melons and other vines, in the evening, to a bucket of Plaster add one tablespoonful of kerosene, cover close and apply next day. This will be found very effective and cheap. Per barrel of about 300 lbs., on cars, \$1.75; 5 bbls., for \$8.00.

We can furnish the following well-known and valuable Fertilizers: Challenge Corn Grower, Prairie Phosphate, Ralston's Bone Meal and Acid Phosphate, Muriate of Potash, Sulphate of Potash, "Kainit." Prices given on application.

CRUSHED OYSTER SHELLS—Manufactured from good, clean shells. All poultrymen use it. 20 lbs., 30c.; 100 lbs., \$1.; 200 lbs., \$1.50; 500 lbs., \$3.25; 1000 lbs., \$6.00.

COARSE GROUND BONE—About the size of wheat or cracked corn, and should be kept within access of poultry. 25 lbs., \$1.00; 100 lbs., \$2.50; 200 lbs., \$4.75.

MICA CRYSTAL CRIT—A nicely granulated rock for poultry, pigeons, ducks and geese. We consider it quite valuable to the poultrymen. 25 lbs., 40c.; 100 lbs., \$1.00.

BOWKER'S PLANT FOOD FOR HOUSE PLANTS

Plants—Perfected odorless and clean. By express package 25c.; dozen \$2.50. By mail postpaid, box, 40c.

WALKER'S EXCELSIOR PLANT FOOD

—Grows and perfectly soluble food for house plants. A pound box sufficient for 25 ordinary sized plants for one year. 1 lb., 25c.; (by mail, 40c.) 40 lb., \$2.50; ½ lb., by mail, 25c.

Packages of foods contain a pamphlet on treatment of house plants, with directions for applying.

WALKER'S EXCELSIOR BRAND 4000

—Grows and perfectly soluble food for house plants. A pound box sufficient for 25 ordinary sized plants for one year. 1 lb., 25c.; (by mail, 40c.) 40 lb., \$2.50; ½ lb., by mail, 25c.

THE WALKER FERTILIZER CO.
CLIFTON SPRING, N.J.

Patented by Letters Patented.

THOMPSON'S JADDO FIBRE

A new growing substance for plants of all kinds. Plants grow a rapid growth. The health of the plant is denoted by its rich, dark-green foliage. Price, 5 lb. box, 30c.; 10 lb., 50c.; 25 lb., \$1.10; in full bags, about 150 lbs., 25c. per lb.; per ½ ton or over, 1½c. per lb.

JADDO LIQUID—One gallon makes 43 gal. for using. Is the cheapest fertilizer sold. Both meat and drink to plants. Price, 25c. per pint bottle; 2 gal. can, \$1.50; 5 gal. can, \$3.75; 10 gal. can, \$7.50.

SPHAGNUM. Fine, clean Sphagnum for florists' use. Give it a trial. (Bales weigh about 40 lbs.) Per bale, \$1.25.

DOC SOAP—Either Spratt's or Glover's cake, 25c.; by mail, 30c.

MEDICINE AND FOOD FOR DOGS, ETC.—Write for what you want.

Trade Mark Registered.

Insecticides, Fungicides, Etc.

Slug Shot.

Non-poisonous; no danger need be apprehended by the person applying it, nor will it injure chickens or animals should they eat it unless in large quantities. It does not render injurious vegetables or fruits fit for consumption, applied, and yet it is probably the best insect destroyer ever offered for the destruction of potato bugs and all worms and insects. It comes ready to be applied, and is simply dusted lightly on so that it reaches all parts of the plant. For further information send for "Fighting Insects in the Garden." Sent free. Our sales of *Slug Shot* double annually. Prices—Barrels, holding 225 lbs. net, 4c. per lb., 100 lbs., \$1.25; 50 lbs., \$2; 10 lbs., 50c.; 5 lbs., 35c. By mail, postpaid, 1b., 30c.; 3/4 lb., \$1.00.



HAMMOND'S GRAPE DUST—For the prevention and destruction of mildew on plants. Price—5 lb. package, 35c.; kegs of 100 lbs., \$5.00; By mail, postpaid, 30c. per lb.

HAMMOND'S COPPER SOLUTION—A Concentrated Liquid Fungicide—Prepared ready for immediate use on trees, vines or vegetable plants, or on light or scrub, with safety to foliage. This solution can be handled safely by an ordinarily careful person without danger of harm. Put up in quart cans which must be sent by express or freight, at purchaser's expense. Per can, 60c.

Dusters for Slug Shot or other Powders—½ gal. size, 30c. gal. size, 50c.

Used on cabbage and in vegetable hot houses. 1b., 40c.; by mail, postpaid, 50c. By express, 10 lb., 50c., 25 lbs., \$1.00; 100 lbs., \$3.25.

TOBACCO STEMS—For fumigating plants infested with green fly, etc. Per lb., 15c.; bbl., \$1.00.

ROSE LEAF EXTRACT OF TOBACCO—One of the most effective articles for the destruction of all insects and scale on plants; a pure concentrated extract of tobacco diluted from 30 to 150 parts of water. Full instructions for the various methods of application, testimonials from leading florists, are given in our "ROSE LEAF" pamphlet mailed on application. Price—Pint can, 30c.; quart can, 55c.; gallon, \$1.50; 5 gallon can, \$5.50. Must go by freight or express at buyer's expense.

TOBACCO AND SULPHUR—Destroys rose bugs, lice, cutworms, vine bugs, tomato worms, currant worms, cabbage lice and parasites of all description. Should be applied when the foliage is wet. Also a most complete fertilizer for plants and vines. Mix thoroughly with earth in pots, or in the hill, one part powder to five parts earth. Easy to use and does not burn or injure the plants. Makes dark green foliage and healthy, vigorous growth. Earthworms will not live where it is used. ½ lb., 15c.; 1 lb., 25c.; 2 lb., 45c.; 5 lb., \$1.00. If to go by mail, 16c. per lb. must be added.

BOURDEAU MIXTURE—For black rot downy mildew and antracnose of grapes, potato blight, potato rot, leaf blight of cherry, pear, quince and other fruit trees and plants. 60 cents, wash, \$1.00.

PYRETHRUM, PERSIAN INSECT POWDER, or BUHACH—Very destructive to all kinds of insects, such as roaches, ants, fleas and other insects on plants and animals. A very little will do the desired work. 0z., 10c.; ¼ lb., 20c.; 1 lb., 50c. By mail, 16c. per lb., extra.

WHITE OIL SOAP—Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Price—15c. per lb.; 2 lb., 25c. If by mail, add 16c. per lb. for postage.

PARIS GREEN—A most excellent insecticide for greenhouses and house plants. ½ lb., 10c.; 1 lb., 20c.; 2 lb., 35c.; 5 lb., 75c.; (by mail, \$1.00; 5 lbs., \$1.75; 10 lbs., \$3.25; 20 lbs., \$6.00, by express or freight at buyer's expense.)

PARIS GREEN—A most excellent insecticide for greenhouses and house plants. ½ lb., 10c.; 1 lb., 20c.; 2 lb., 35c.; 5 lb., 75c.; (by mail, \$1.00; 5 lbs., \$1.75; 10 lbs., \$3.25; 20 lbs., \$6.00, by express or freight at buyer's expense.)

Rust's Egg Producer greatly increases egg-production and makes poultry keeping, the most profitable of rural pursuits. Keeps fowls healthy, and shortens molting. It pays well to feed it right along. Try this!

Prices: 1 lb. box, 15c.; 5 lb. box, 50c.; 2 lb. box, 25c.; 1 lb. box, 10c.; 1 lb. box, \$1.00; 10 lb. box, \$10.00; 25 lb. box, \$25.00; 50 lb. box, \$50.00.

RUST'S HAVEN'S CLIMAX CONDITION POWDER is very much more than a condition powder. It is the only known cure for Fowl-Cholera and Gapes; it is just what every owner of poultry needs to save his fowls and keep them healthy. It is invaluable to risers of Turkeys. And it has saved lots of Hogs, Horses and Cows. Prices: 13 oz. box, 25c.; 5 lb. by mail, 40c.; 32 oz. box, 50c.; if by mail, 85c.; 5 lb. box (equivalent to six 25c. boxes), \$1.00.

RUST'S HAVEN'S ROUP PILLS for Roup, Catarrh Colds. Pigeon Diseases, etc. THEY DO CURE. Box of 48 Pills, 25c.; Box of 250 Pills, \$1.00. Mailed on receipt of Price.

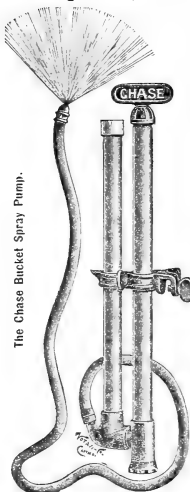
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Sprayers, Syringes, Florists' Supplies, Etc.



The Chase Bucket Spray Pump.

CHASE BUCKET SPRAY PUMP. The Cylinder and all the working parts of this Pump are brass, the valves being so arranged that they can be replaced by any one. Has a very effective clamp for holding the pump to bucket or tub when in operation; can be moved up or down to suit height of vessel; is much more substantial, and will stand greater pressure than the majority of Bucket Spray Pumps. Has a large air chamber which allows the pump to work easy and insures a steady stream. When used with patent Fog Nozzle and Agitator will insure you most effective and perfect work. 4 feet of 3-ply rubber hose and 8 feet extension pipe. Price, \$5.00.

CHASE DOUBLE ACTING BARREL SPRAY PUMP. This Pump has 2 1/2 inch Brass Lined Cylinder, large air chamber, and is fitted up to stand heavy pressure.

- No. 1—Has 2 1/2 feet Suction Pipe and Strainer..... \$ 6.00.
- No. 2—With one Hose, one Nozzle Agitator..... 7.00
- No. 3—Has two Hoses, two Nozzles, without Agitator..... 7.00
- No. 4—With two Hoses, two Nozzles, and Agitator..... 10.00

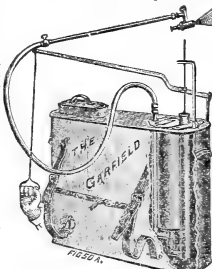
Extension Pipe, 8 feet long, 40 cents extra. Regular length of hose with this Pump, when hoses are ordered, is 4 ft each; when extra lengths are wanted add 8c. per foot.

GARFIELD KNAPSACK SPRAYER.
Made entirely of brass and copper. The tank holds 5 gallons, has brass pipe 1 1/2 inches long and Combination Vermorel Nozzle attached. Price, \$10.00.

VERMOREL SPRAY NOZZLE (postpaid), \$1.25.

LEWIS COMBINATION FORCE PUMP.
A Spraying Pump, Agricultural and Veterinary Syringe, all combined. Works perfectly.

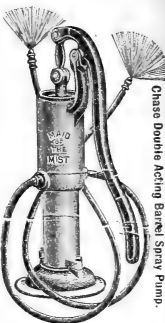
Only \$5.00.



GARFIELD KNAPSACK SPRAYER.

CHASE PATENT FOG NOZZLE. We would be pleased to go into details in explaining the construction of this Nozzle, but on account of its simplicity and thoroughly effective work, it is necessary to be seen and operated to be appreciated. A vast improvement over many of the so-called Spray Nozzles, which, really, are only Sprinklers. The careful attention of fruit growers invited to this nozzle. Price, separate from Pump, 75 cents.

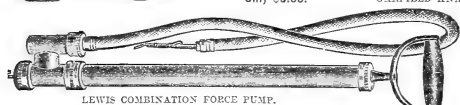
MYER'S BUCKET BRASS SPRAY PUMP. With Agitator, complete with hose. Combination Fine and Coarse Spray and Solid Stream Nozzle. Constructed of brass, and is not affected by poisonous arsenites used for spraying. For spraying it is so arranged that it discharges a fine jet in bottom of the bucket to keep the solution thoroughly mixed. Price, complete, \$5.00.



Chase Double Acting Barrel Spray Pump.



FOG NOZZLE.

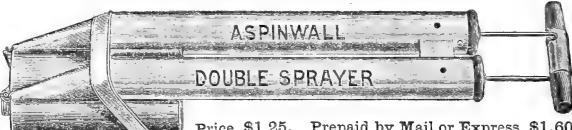


LEWIS COMBINATION FORCE PUMP.

LITTLE ASPINWALL SPRAYER. For extermination of Potato Bugs and all Plant Insects. For Spraying Poultry Houses, Green House Plants, Cigar Wrappers, Clothes, Carpets, etc. A great boon for stockmen, being the cheapest, the easiest to handle, and the most effective for Spraying Horses, Cattle, Swine, etc. Throws a Single Spray. Made of all Tin or all Brass. Capacity about one quart. Tin, 75 cents. Postpaid, \$1.00. Brass, \$1.00. Postpaid, \$1.25.

ASPINWALL DOUBLE SPRAYER.

Throws One or Two Sprays, as may be Desired..... The Reservoir is made of Brass, and the Chambers of Tin. Has twice the capacity of the Single and is especially desirable for Spraying Large Plants and Bushes.



Price, \$1.25. Prepaid by Mail or Express, \$1.60

PLANT BED CLOTH.

A Protecting Cloth of Water-Proof Fiber: an excellent substitute for glass in forwarding all kinds of plants in the early spring; safer, as it protects at night, and the plants will not burn if the sash is left on in hot weather. Being light and portable it can be sent into sections where it would be difficult to get sash. We sell thousands of yards annually, and customers are well pleased with it. All pieces are a yard wide and contain from 40 to 60 yards each.

Prices—*Heavy Grade*, per yard, 12c.; *by the piece*, per yard, 10c. *Medium Grade*—best for general purposes—per yard, 8c.; *by the piece*, per yard, 6c. *Light Grade*, per yard, 5c.; *by the piece*, per yard, 4c.

Mail Prices—Customers at a distance who wish to try a few yards can have it sent by mail, postpaid, as follows: *Light*, 8c. per yard. *Medium*, 15c. per yard. *Heavy*, 21c. per yard. Samples free on application.



| LABELS. | Painted Pot Labels. | Best made. | Put up in packages of 1,000 each. |
|---------|---------------------|------------|-----------------------------------|
| 3 inch | per 1000 | \$5 | 5 inch..... per 1000 \$ 80 |
| " | " | 33 | " " " " " " " 1 00 |
| " | " | 60 | " " " " " " " 2 50 |
| " | " | 67 | 10 " " " " " " " 3 50 |

SYRINGES.

BRASS GREENHOUSE AND GARDEN SYRINGES. Useful for all horticultural purposes, and are fitted with Caps for ejecting water in one stream or dispersing it in the most gentile manner, or with great force, when required.

Sent only by Express at expense of the purchaser.

One Stream and one spray Nozzle—Letter A—\$1.85. Letter C—\$3.00. Letter G (New Sample)—Open rose Syringe, barrel 16 inches long by 1 1/2 inches in diameter. One Spray and one Stream Rose. Side Attachment and fixed elbow joint. \$4.00.

Letter H—Cheap; all brass 18 1/2 gals.; strong, durable, fills quickly, discharges perfectly—\$2.00. Letter K—Size smaller, \$1.50.

HOT BED MATS.

STRONG BURLAP.
Best, Warmest, Strongest and Cheapest Hot Bed Cover Made.



Lined with wool and cotton waste and quilted. Warmer than straw, more easily handled and do not retain moisture, rot, mildew, freeze, or harbor vermin as straw does, and only one-fourth of the cost. Made in one size only, 66 x 70 inches. Price, \$1.00 each; \$9.00 per dozen.



HOT BED SASH.
Best Cypress—35 ft. x 6 ft. unglazed for 8 x 10 glass, each, 20c.; doz., \$10. Special Size to Order.

RAFFIA. IMPORTED, BEST GRADE. Gives better satisfaction than anything else for tying Plants, Asparagus Bunches, etc. Light, neat, strong, durable and very cheap. Lb., 25c.; 10 lbs. at 20c.

White Cotton Twine. For Tying Herbs, Radishes, Beets, Celery, Onions, Salsify, etc. Pound, 20c.

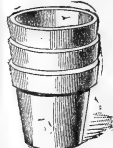
JUTE. For tying Vegetables, etc. Pound, 15c. (Twine, Jute and Raffia sent by mail, add 15c. per pound postage.)

AT PRICES GIVEN TOOLS, ETC., MUST GO BY FREIGHT OR EXPRESS, AT BUYER'S EXPENSE, UNLESS OTHERWISE NOTED.

BUSHEL BASKETS—Standard bushel size, strong and durable. Dozen, \$1.50; each, 20c. Must sent by freight.
GARDEN LINES—100 feet Braided Linen, 40c. Cotton, 25c.

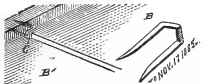
FLOWER POTS. MUST GO BY FREIGHT.

| STANDARD SIZE. | per 100. | per 1000. |
|--------------------|-----------|-----------|
| 2 1/2 in., doz. \$ | 10 \$ 45 | \$ 3 50 |
| 3 in., " " | 10 50 | 4 00 |
| 2 1/2 in., " " | 15 55 | 4 50 |
| 3 in., " " | 25 60 | 6 00 |
| 3 1/2 in., " " | 35 1 00 | 9 00 |
| 5 in., " " | 45 1 75 | 15 00 |
| 6 in., " " | 60 2 50 | 20 00 |
| 7 in., " " | 75 3 50 | ..... |
| 8 in., " " | 1 00 4 50 | ..... |
| 9 in., " " | 1 25 8 00 | ..... |
| 10 in., each, 25 | 11 00 | ..... |
| 12 in., " " | 22 50 | ..... |



VAN REYPER'S PERFECT GLAZIERS' POINTS.

These are made of steel wire and galvanized, having double points and lap over the glass in such a manner as to positively keep it from sliding. They may be used on either side of the sash bar, thus preventing the annoyance of rights and lefts.



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Very Strong. Best Steel Blades and an excellent Spring.
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HAZELTINE'S HAND WEEDER

GARDEN DIBBLE.

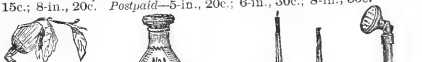
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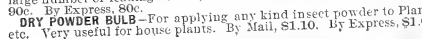


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 Almost all plant insects pursue their destructive work on the under surface of the leaf, and this Sprinkler is designed for applying water or liquid insecticide on the under side of leaves and foliage. By mail, \$1.10. By Express, \$1.60.



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Claimed to be the best Mole Trap ever offered, and only has to be tried to be appreciated. Can be used in hot beds under sash. The secret of mole catching is a good trap, and to know their habits. Full directions sent with each trap. By Mail, 85c. By Express, 75c.

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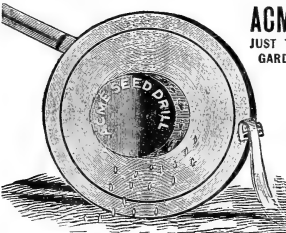
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Please note in the Potato Department how this Knife may be had FREE.

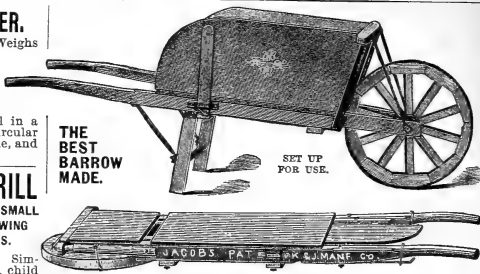
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ASPINWALL PARIS GREEN SPRINKLER.



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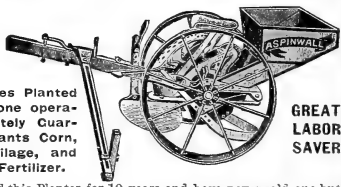
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GREAT LABOR SAVER

We have sold this planter for 10 years and have never sold one but what the customer thought it one of the best investments ever made. WITH DISC COVERS. This machine is intended for growers who prefer to ridge up high and plant quite deep.

TABLES. SHOWING THE QUANTITY OF SEED USUALLY SOWN UPON AN ACRE.

| LBS. PER BU. | | LBS. PER BU. | | LBS. PER BU. | | LBS. PER BU. | | |
|---------------------------------|----|---------------|---------------------------------|---------------|----------------|--------------------------------|-------|----------------|
| Beans, Dwarf, in drills..... | 60 | 2 bu. | Grass, Kentucky Blue..... | 14 | 2 to 3 bu. | Peas, Wrinkled, in drills..... | 56 | 2 to 3 bu. |
| Beans, Pole, in hills..... | 60 | 10 to 12 pts. | Grass, Orchard..... | 14 | 1 1/2 to 2 bu. | Peas, broadcast..... | 60 | 3 bu. |
| Beets, Table, in drills..... | 60 | 5 to 6 lbs. | Grass, English Rye..... | 24 | 1 to 1 1/2 bu. | Potatoes, (cut tubers)..... | 60 | 8 bu. |
| Beets, Mangel Wurzel..... | 48 | 5 to 6 lbs. | Grass, Red Top..... | 14 | 2 bu. | Pumpkin, in hills..... | 1 bu. | 8 to 10 lbs. |
| Broom Corn, in hills..... | 46 | 8 to 10 pts. | Grass, Timothy..... | 45 | 1 peck. | Radish, in drills..... | 56 | 1 1/2 to 2 bu. |
| Buckwheat..... | 48 | 1 to 3 pecks. | Grass, Hungarian..... | 45 | 4 bu. | Rye, broadcast..... | 56 | 8 to 10 lbs. |
| Cabbage—beds to transplant | | 1/4 lb. | Grass, Lawn..... | 14 | 4 bu. | Salsify, in drills..... | 60 | 10 lbs. |
| Carrot, in drills..... | 60 | 4 lbs. | Melon, Musk, in hills..... | 14 | 2 to 3 bu. | Spinach, in drills..... | 60 | 3 to 4 lbs. |
| Clover, Red..... | 60 | 20 lbs. | Melon, Water, in hills..... | 14 | 1 to 2 bu. | Squash, running, in hills..... | 60 | 2 to 3 bu. |
| Clover, White..... | 60 | 12 to 15 lbs. | Cats, broadcast..... | 32 | 2 to 3 bu. | Squash, Gauc..... | 60 | 12 bu. |
| Clover, Alsike..... | 60 | 10 lbs. | Onion, in drills..... | 45 | 4 to 5 lbs. | Tomato, to transplant..... | 60 | 1/4 lb. |
| Clover, Lucerne or Alfalfa..... | 60 | 20 lbs. | Onions for Sets, in drills..... | 40 to 60 lbs. | 6 to 12 bu. | Turnip, in drills, 1 oz. to | 60 | 1 lb. |
| Corn, in hills..... | 60 | 8 to 10 pts. | Parisip, in drills..... | 40 | 4 to 6 lbs. | 250 feet of drill..... | 60 | 1 1/2 bu. |
| Corn, for fodder..... | 56 | 3 bu. | Peas, Round, in drills..... | 60 | 2 to 3 bu. | | | |
| Cucumber, in hills..... | 60 | 2 lbs. | | | | | | |

NUMBER OF PLANTS OR TREES TO THE ACRE AT GIVEN DISTANCES.

| DIS. APART. | | DIS. APART. | | DIS. APART. | | DIS. APART. | | DIS. APART. | |
|------------------|---------|-------------------|---------|-------------------|--------|-------------------|--------|-----------------|-------|
| 12 x 1 inch..... | 529,720 | 24 x 1 inch..... | 261,360 | 36 x 3 inch..... | 58,080 | 48 x 12 inch..... | 10,800 | 8 x 3 feet..... | 1,815 |
| 12 " 3 "..... | 171,240 | 24 x 1 1/2 "..... | 15,520 | 36 x 1 1/2 "..... | 14,520 | 48 x 18 "..... | 7,790 | 8 x 8 "..... | 680 |
| 12 " 6 "..... | 43,560 | 24 x 2 "..... | 10,890 | 36 x 1 1/4 "..... | 9,680 | 48 x 24 "..... | 5,445 | 10 x 1 "..... | 4,356 |
| 12 " 9 "..... | 392,040 | 30 x 1 "..... | 209,088 | 36 x 24 "..... | 7,260 | 48 x 30 "..... | 4,356 | 10 x 6 "..... | 726 |
| 12 " 12 "..... | 348,450 | 30 x 6 "..... | 54,516 | 36 x 30 "..... | 5,808 | 48 x 36 "..... | 3,650 | 10 x 10 "..... | 435 |
| 12 " 15 "..... | 116,160 | 30 x 12 "..... | 17,424 | 36 x 36 "..... | 4,840 | 48 x 48 "..... | 2,723 | 12 x 1 "..... | 6,830 |
| 12 " 18 "..... | 90,040 | 30 x 16 "..... | 13,068 | 42 x 12 "..... | 12,446 | 60 x 36 "..... | 2,901 | 12 x 5 "..... | 796 |
| 12 " 24 "..... | 40,020 | 30 x 20 "..... | 10,454 | 42 x 24 "..... | 6,223 | 60 x 48 "..... | 2,178 | 12 x 12 "..... | 302 |
| 12 " 30 "..... | 26,680 | 30 x 24 "..... | 7,148 | 42 x 30 "..... | 4,148 | 60 x 60 "..... | 1,749 | 16 x 1 "..... | 2,722 |
| 12 " 36 "..... | 19,740 | 30 x 30 "..... | 6,970 | 42 x 42 "..... | 3,556 | 8 x 1 foot..... | 5,445 | 16 x 16 "..... | 170 |

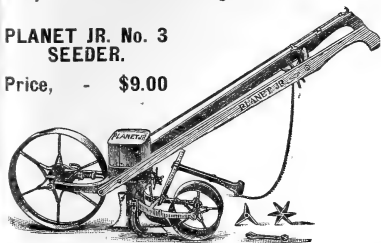
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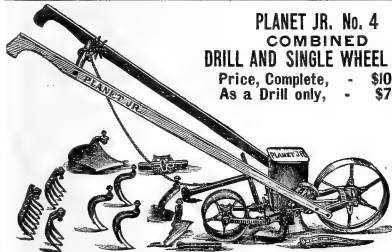
Price, - \$9.00



Planet Jr. No. 3 Seeder. Planting in rows and thinning afterward is a terrible time-waste. The No. 3 Seeder puts the seed right on the spot where the hill is wanted. Plants 4, 6, 8, 12 or 24 inches apart, or in a continuous row, as desired. Changed in a moment. Holds 3 quarts. Price, \$9.00.

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Price, Complete, - \$10.00
As a Drill only, - \$7.00



Planet Jr. No. 4 Combined Drill and Single Wheel Hoe.

The Drill is the same style as No. 3 Seeder, but smaller. By moving only one bolt the drill is taken off and the tool frame attached, making it one of the best of the Planet Jr. Single Wheel Hoes. This gives you the "whole business" in one tool. Price, \$10.00.

Planet Jr. No. 2 Seed Drill. Its beauty is its regular work and extreme simplicity—no agitators, no belts, no gearing. Sows seed at a uniform depth in a very narrow line, making easy and rapid work for the Wheel Hoe in cultivating. \$6.50.

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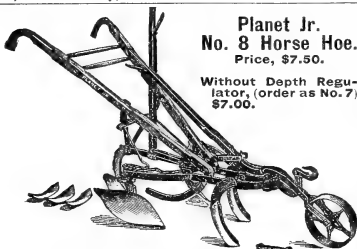
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Price, \$7.50.

Without Depth Regulator, (order as No. 7) \$7.00.

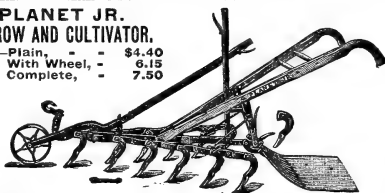


Planet Jr. No. 8 Horse Hoe. Will do more kinds of work than any other horse hoe. New Depth Regulator and Expander. Hollow Steel Standards. Strong and Light. No gardener can afford to be without one of the Planet Jr. Horse Hoes.

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Price—Plain, - - \$4.40
" With Wheel, - 6.15
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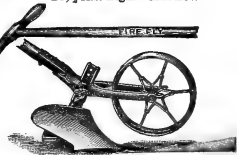
This Harrow has a high frame contracting to 12 inches and expanding to 32 inches in width. Hand levers regulate both width and depth while in motion. The chisel-shaped teeth cut an inch wide and cultivate deep without throwing earth on the plants. Has Foot Lever Pulverizer. A Capital Strawberry Cultivator, turning the runners without injury. Strawberry Runner Cutter Attachment, extra, \$1.50.

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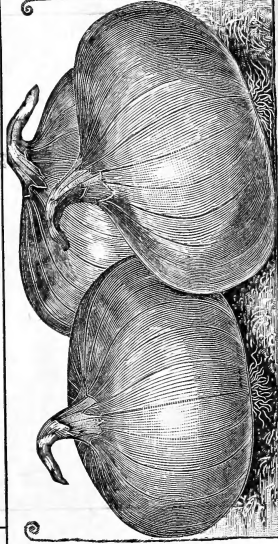
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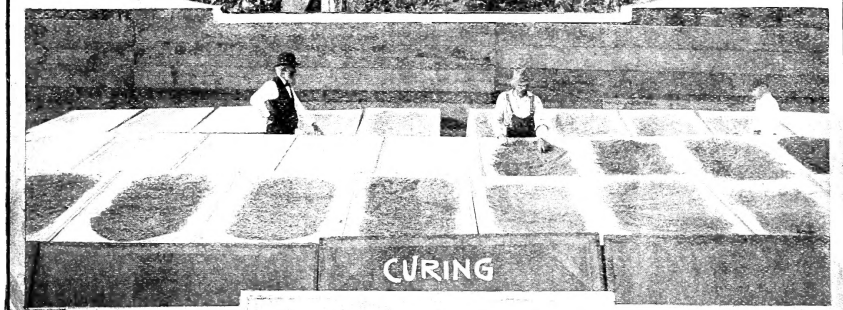
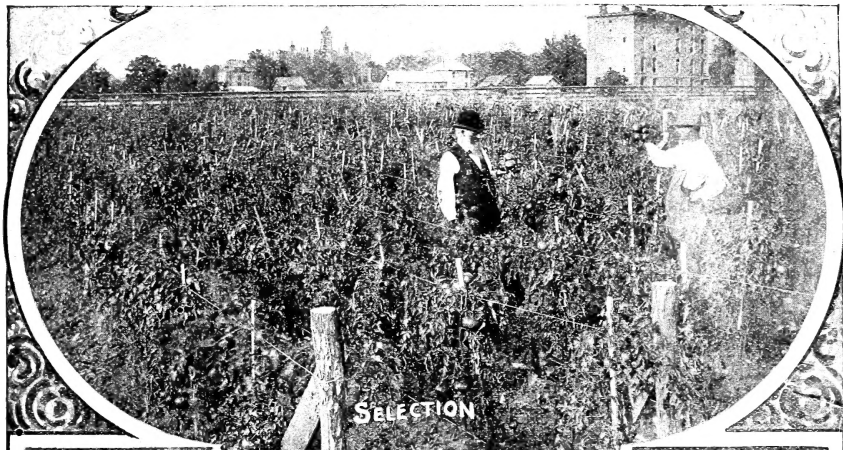
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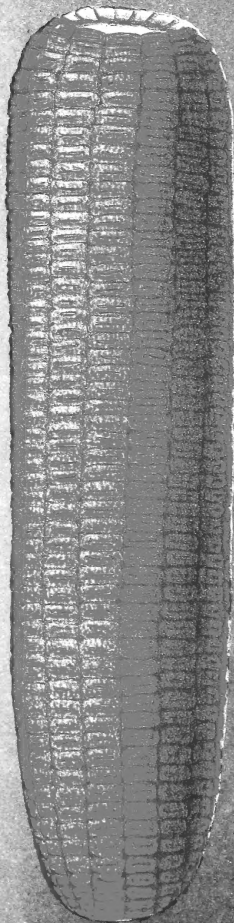
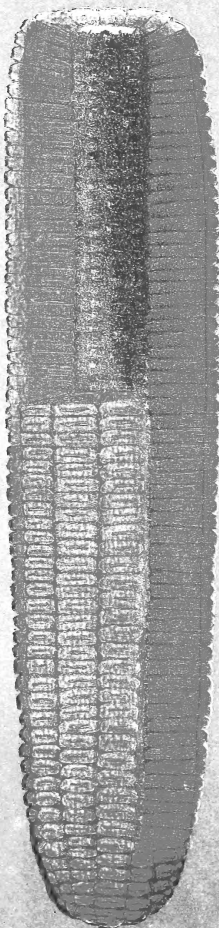
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