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New Hardy Day Blooming
Moon-Flower.
(Pomea Pandurata)
Choice Bulbs:
25 Cts Each 3 For 60 Cts
Postpaid.
The Novelties of the Season.

JOHNSON'S DIXIE WATERMELON

Without a peer in fine quality and productiveness—surpassing Kolb Gem as a shipper; see description and testimonials, opposite. Pkt. 15c.; oz. 50c.; ¼ lb. $1.25; lb. $4.50.

The best for Spring, Summer, Autumn or Winter. Pkt. 15c.; oz. 50c.; ¼ lb. $1.50; lb. $5.00.

JOHNSON & STOKES' GARDEN AND FARM MANUAL FOR 1891, IS COPYRIGHTED BY JOHNSON & STOKES, PHILADELPHIA.
MARKETS.

HOW AND WHAT TO GROW IN THE SOUTH FOR NORTHERN MARKETS.

THE CULTURE OF CABBAGE AND ONIONS—WITH HINTS FOR STORING AND MARKETING.

THE FAMILY VEGETABLE GARDEN—DIRECTIVES FOR PREPARING THE GROUND, SOWING THE SEED, BILL, ETC.

Subjects:

The $100 Prize Essays have been published by us in book form, for $3, 00 and upwards.

A Useful New Book also Free with all orders of $3. 00 and over.

Our Free Premiums for 1891.
Johnson's Dixie Watermelon.

A NEW SOUTHERN VARIETY, SURPASSING THE FAMOUS KOLB GEM AS A SHIPPER AND WITHOUT A PEER IN FINE QUALITY AND PRODUCTIVENESS.

SEE ILLUSTRATION OPPOSITE, MADE FROM A PHOTOGRAPH.

WE MAKE the above strong claims for this new melon, not only from our own experience with it after a two years' trial, but from that of some of the largest melon growers in the United States, who have first tested it. Our attention was first attracted to this melon by a few appearing on our markets in the summer of 1889, and selling rapidly at double the price of Kolb Gem, or any other variety, owing to their large size, very distinct and handsome, fresh appearance and fine quality. It is a cross between the Kolb Gem and Old-Fashioned Mountain Sweet, made by one of the largest truck and melon growers of North Carolina, surpassing the former in shipping qualities and fully equalizing the latter in fine eating quality and flavor, being a week to ten days earlier than either, with a remarkably thin rind, almost impervious, which preserves it for a great length of time, keeping three times as long as either before showing decay. Its great productiveness is shown from the fact that the past season each vine matured from seven to eight large melons, while Kolb Gem rarely produced more than two or three. The variety grows Kong and rapidly with more laters than any other melon and besides having a lovely and very valuable quality of root ing from each joint, adding greatly to the productiveness and life of the vines. The meat is more scarlet, finer and of much better quality. These strong claims have been more than verified by ourselves and hundreds of other growers, a few of whose letters are published below. Chauncey P. Cozy, of Nebraska, a good authority, and who is probably the largest melon grower in the United States, his annual plantings amounting to several hundred acres, writes: "I have carefully noted the New Melon, Johnson's Dixie, and find it very much superior to Kolb Gem, the color is noticeably different, being a much darker green and more beautifully striped, giving one the thought at a little distance of the bloom on a green apple. This form is longer, while the quality is away ahead. The Kolb Gem flesh is rather coarse, while Johnson's Dixie is extremely sweet, juicy and tender." Aaron Paul, another well-known and extensive melon grower at Sewell, N. J., says: "Johnson's Dixie is the best, hardiest and most productive melon I have ever seen or grown. My patch were a sight to behold, averaging seven to eight fine, large melons to the vine, while its eating quality is unequalled by any other variety known to me. Its fine appearance and shipping qualities are to me superior to Kolb Gem as to place it beyond comparison. Its extraordinary productiveness, both cold and wet weather is simply wonderful, and I doubt if it is not the finest variety of its kind that is grown." The few of these melons that were marketed the past summer sold at $10 to $15 per hundred more than any others, many of the largest New Jersey truckers coming to Philadelphia and paying very high retail prices for the melons in order to procure the seed. Johnson's Dixie is without doubt the most important novelty in melons ever introduced.

Prices for 1891: Per pkt., 15c.; 2 pks., 25c.; oz., 40c.; ½ lb., $1.25; 1 lb., $4.50.

What Leading Melon Growers Say of Johnson's Dixie.

We have several hundred testimonials of just such as are published below, and regret our limited space forbids the publication of more of them. As will be noticed, they come from well-known melon growers and from sections where melons are largely grown for market.

REALIZED OVER $200 PER ACRE.
Jas. Horner, Swedesboro, N. J., one of the largest melon growers in South Jersey, Oct. 12, 1890, writes: "Your Johnson's Dixie Melon is the very best I have ever grown and by far the most productive. I realized over $200 per acre for my patch of them and shall hereafter plant no other kind."

THEY ARE PERFECTION.
Jesse T. Hollowell, Dudley, N. C., Oct. 6, 1890, writes: "I grow melons most extensively and am so pleased with the Johnson's Dixie that another year I shall plant my entire crop of this variety. The quality of these melons is all that can be desired; they are perfection."

BROUGHT $30 TO $40 PER HUNDRED.
J. F. VanLender, Drayton Island, Fla., Sept. 28, 1890, writes: "The seeds I got from you last spring did splendidly. The Dixie Melon is very fine. I got $30 to $40 per hundred for all I shipped and could not begin to supply the demand."

BEST IN 30 YEARS' EXPERIENCE.
Jaco. S. Day, Berlin, N. J., Oct. 7, 1890, writes: "Your Dixie Watermelon has all the good qualities a melon can have. This variety, and I have raised melons for thirty years, is the finest shipper and the best of croppers I have ever known."

THEY ARE A GREAT GO.
R. E. Shyler, Swedesboro, N. J., Oct. 25, 1890, writes: "Our truckers all shipped the Johnson's Dixies. They are a great go. The best eating and shipping melon we have ever had."

HANDEDST AND MOST PRODUCTIVE.
W. F. Hunsacker, Cobden, Ill., the great melon growing section of the Southwest, writes: "I am more than pleased with your Johnson's Dixie Melon. They were the largest, handsomest, and produced more than any melon planted here this year, while the quality is faultless."

A DOZEN RIPE ON ONE HILL.
J. H. Houstredd, Tama City, Iowa, writes: "We find your New Melon, Johnson's Dixie, of the finest quality and flavor. On many hills I counted as many as a dozen ripe melons with as many half-grown ones, all on one hill at once time."

FIRST PREMIUM AT THE ILLINOIS FAIR.
Martin Yaekley, Pilsford, Ill., Sept. 9, 1890, writes: "Johnson's Dixie proved in every respect a first-class watermelon, its quality is excellent, it is beautiful in appearance and a very fine seller, eclipsing all others. It took the first premium at the Illinois Fair."

WHAT A COMMISSION MERCHANT SAYS.
David Kelle, Produce Commission Merchant, Vine St., Philadelphia, says: "Johnson's Dixie is the most salable, bringing much higher prices in this market than any other melon. They are sure to become the leading melon, all my customers who buy melons buy a few of them after them again and I could not get enough to supply the demand for Dixie's. They are simply great."
Our Long Experience in Practical Seed Growing.
Our Perfect System of Trials and Seed Testing.
Our System of Supplying Customers direct and not through agents or dealers
The Largest Trade of any House in America direct with critical Market Gardeners and experienced planters.

Our Unique Double Seed Warehouses, the largest in the East; arranged expressly for the seed business.
Our Personal Attention—every letter and order being read by one of our firm.
Our Force of Skilled Employees—most of whom have devoted a lifetime to the business.

SEEDS FREE BY MAIL
WE PAY THE POSTAGE

All Vegetable and Flower Seeds by the packet, ounce, pound, pint or quart, will be delivered by us, postage paid, and free of all expense, to any post-office in the United States. Thus, you have only to enclose with the order the cost of the seeds as given in this catalogue, (either by P. O. order, express money order, postal note, draft, cash or stamps), and they will be safely delivered, neatly packed, without extra charge. Purchasers of seeds, in large or small quantities, cannot fail to see the great advantages to them of this offer, as it places our store at your very door, and enables customers thousands of miles away to obtain their supplies as safely and cheaply as if they called in person at our store.

CUSTOMERS ORDERING TO BE SENT BY FREIGHT OR EXPRESS
may deduct postage at the rate of eight cents per pound, or fifteen cents per quart from our prices, on all vegetable seeds. When sent in this way the purchaser pays the transportation charges on receipt of seed.

How to Send Money

Cash should always accompany the order. We will be responsible for money sent to us by P. O. Order, Express Money Order, Bank Draft, Express, or by Registered Letter. Every postmaster is required to register any letter or payment of ten cents extra postage. The cost of remitting may, on all orders over $1.00, be deducted from the amount sent. Amounts of $1.00 or less may be sent by ordinary letter.

POSTAGE STAMPS THE SAME AS CASH.
When notes are not obtainable, or to make proper change, we accept postage stamps the same as cash (two-cent stamps preferred).

C. O. D. Orders exceeding ten dollars can be sent C. O. D. by express, when twenty-five per cent. of the amount accompanies the order. We are obliged to add the extra express charges for the return of money on all C. O. D. orders. It is, therefore, less expense to the purchaser to forward full amount of money with order. Plants cannot be sent C. O. D., neither can goods be sent C. O. D. by freight.

CHEAP FREIGHT. Freight rates from Philadelphia to all points in the United States are now very low. Customers at a distance requiring large quantities of Garden and Field Seeds should order early, that their seeds can be sent this way, being cheaper than by express. Small orders, however, can often be sent as cheaply by express.

WE GUARANTEE ALL SHIPMENTS of Seeds, Bulbs, Plants, Implements, Live Stock, etc., shall reach the purchaser safely and in good condition.
Under this head will be found, honestly described, our Novelties for 1891, many of which are offered for the first time. After most thorough and exhaustive trials we have found them to possess high merit, being great improvements upon existing sorts of the same class. We take great pains each season to inform ourselves fully as to the true character of everything offered as new or superior, either in this country or Europe; for example, we tested the past season, on our trial grounds, over 400 new varieties, a majority of which we found to possess very little distinctive value or merit. All such are discarded at once, and our customers may rest assured that, if they fail to find in our Manual any much lauded new variety, the probability is much greater that we have tested it and found it of little or no value than that it is unknown to us. It is our constant aim to gain and hold the confidence of all customers and assure them from disappointment.

In Novelties, as well as all other Seeds in Packets, customers are entitled to select 25 Cts. WORTH EXTRA for each ONE DOLLAR sent us for Seeds in Packets only. See page 19.

Arlington Tennis Ball Lettuce.

The best forcing variety for either the market or home garden.

The strain of seed which we here offer is saved by one of the most successful market gardeners in Arlington, Massachusetts, where the Tennis Ball, or Boston Market Lettuce originated. His lettuces have carried off first premiums at the Massachusetts Horticultural shows for several years in succession. The seed is saved from plants started under glass, by which means the valuable forcing qualities are better retained than from plants started outside, and from selected heads only. It is in every respect the same as the originator uses for stock, and which his brother gardeners have heretofore been glad to get, paying at the rate of $1.00 per ounce. It cannot fail to produce admirable results and please the most critical grower. We highly recommend this special strain, knowing that nothing finer in the way of a forcing lettuce can be obtained. The price we have to ask for with ordinary stock; but when the extraordinary pains taken in forcing and setting out the plants, selecting and saving are considered, anyone who knows the importance of sowing the best seed will not hesitate in paying the slight difference in price. We hope all our market garden friends who grow lettuce under glass, and appreciate the finest quality, will give this new strain a trial, as it is sure to prove profitable. Prices, New Arlington Tennis Ball Lettuce (private stock). Pkt., 15c.; 2 pkts., 25c.; oz., 50c.; ½ lb., $1.25; lb., $4.50.

Louderback's All Year Round Cabbage.

See Illustration opposite page 1, made from a photograph.

We feel a pride in having been the first seedsmen to offer to the public a variety of cabbage with so many valuable points as Louderback's All Year Round. This cabbage originated with Daniel Louderback, one of the oldest and most successful of Philadelphia market gardeners, and has had a great local reputation among his neighbors for several years. It is the finest Early Drumhead in cultivation, and is equally as good for second early, intermediate and late. It heads large and solid, with very short stem and few outer leaves, as shown in cut, opposite preceding page. It is unflagging under the hottest sun or heaviest frost, and may be sown successfully and continuously during all periods when cabbage is planted. As an all round cabbage nothing we have ever seen approaches it. The seed we offer was grown by Daniel Louderback, the originator. We recommend it to all who desire something very choice, and want a variety from which they can have cabbage every month in the year, as it is a splendid keeper. Pkt., 15c.; oz., 50c.; 2 ozs., 80c.; ½ lb., $1.50; lb., $5.00.

The finest cabbage in the market.

G. W. Shields, McKinney, Texas, Oct. 3, 1898, writes: "Your Louderback's All Year Round, your J. & S. Earliest and other varieties of cabbage from you have all done finely. We had no rain from the 4th of May to the 20th of September. All your cabbages have stood the drought, and I now have from your seed the finest cabbage in this market; this is more than I can say of the varieties of cabbage gotten elsewhere, and grown side by side with those of yours. I am greatly pleased with your new lettuce No. 30 (Champion Spring and Summer). It is very early, tender, crisp and fine flavored, and superior to any variety ever seen here."
Free Premiums For 1891.
A Useful Book free with all orders of $3.00 and over.

As will be remembered by our customers, we offered in our catalogues of last spring, $100 in cash prizes for best essays sent us on various subjects of interest to all gardeners.

We have published the essays for which the prizes were awarded, in book-form, making a neat and interesting volume of 64 pages, and as all are written by practical gardeners, they contain information of value to every owner of a market or family garden. The following subjects are treated on, in a concise and practical manner by the authors:

THE FAMILY VEGETABLE GARDEN, PREPARATION, REQUIREMENTS, WHAT AND WHEN TO PLANT.

THE CULTURE OF CABBAGE AND ONIONS, WITH HINTS FOR STORING AND MARKETING.

HOW AND WHAT TO GROW IN THE SOUTH FOR NORTHERN MARKETS.

We have not published this book for sale, and under no circumstances will it be sold this season; we will, however, send it free with all orders of $3.00 and upwards.

NEW SEEDS FREE FOR TRIAL.

For some years past we have, each season, distributed free, for trial among our customers, packages of New and Improved Varieties, previous to their introduction. Some of our most valuable Novelties have been first sent out in this way, by which means they were tried in all sections of the country, thus enabling us to offer them the next season with greater confidence, when reports were entirely satisfactory. We shall follow the same plan in 1891, and have again put up a number of most distinct novelties, among which are a very fine New Lettuce from France, which is now creating a sensation among Paris market gardeners, a fine New Melon, a valuable New Beet from Germany, which is ten days earlier than any known variety, an entirely new and distinct Foreign Onion, which in our trials the past season eclipsed all other varieties in size, productiveness and fine quality. These novelties have never been offered for sale, and will not under any circumstances be sold this season, but we shall be glad to add one or more packages free of charge to all customers whose orders exceed $1.00, and indicate an interest in new varieties. All who deal with us will be treated liberally. We shall also be glad to receive samples for trial from customers who have new or superior varieties unknown to the general public.

The New Stone Tomato.

The fact of this new tomato, now first offered coming from Mr. Livingston, the well-known originator of such excellent varieties as the Paragon, Favorite, Beauty, Acme and Perfection, is of itself sufficient recommendation to strongly endorse it. In describing it we cannot do better than to quote the following from Mr. Livingston, who writes: "The New Stone Tomato ripens for main crop; is very large, and of bright scarlet color; very smooth, with occasionally a specimen very slightly octagon shaped; ripening evenly to the stem without a crack; exceedingly solid and firm fleshed (as its name indicates) is an excellent shipper; quality the very best; fine for canning; a good keeper; without hard core; not subject to rot; its appearance on market remarkably attractive; a heavy variety; its vines and foliage rank and robust, heavily loaded with very uniform specimens of fruit."

For five years this tomato has been subjected to the most careful testing, and we have found it to possess several superior qualities and distinct characteristics. We believe it to be the coming tomato for market gardeners and canners.

The supply of seed is so limited this year, that it can only be offered in packets. Prices: Per pkt., 15c.; 2 pkts., 25c.; 5 pkts., 50c.

NEW CUCUMBER, THORBURN'S EVERBEARING.

This variety, now offered by us for the first time, after carefully testing on our trial grounds, is entirely new and unique, and will prove valuable both for the table and for pickling. It is of small size, very early, enormously productive, and extremely valuable as a green pickle. Very peculiar merit of this novelty is that the vines continue to flower and produce fruit until killed by frost, whether the ripe cucumbers are picked or not—in which respect it differs from all other sorts in cultivation. Cucumbers in every stage of growth will be found on the same vine. Pkt., 15c.; 2 pkts., 25c.; oz., 75c.
NETTED BEAUTY MUSKMELON.

A NEW EXTRA EARLY VARIETY NOW OFFERED FOR THE FIRST TIME.

When we first offered the now famous Golden Gem and Princess Muskmelons, some years ago, we supposed perfection had been reached in the muskmelon family. We are glad, however, to be able to offer this season, two entirely new and distinct varieties, which we think are superior to them and to all other known sorts for either market or home use. One is the above illustrated extra early variety, "NETTED BEAUTY," the other is "Johnson & Stokes' SUPERB," described and illustrated on pages 8 and 9, and unquestionably the finest late variety in existence. With two such melons, all who plant them can have a feast of this most enjoyable and wholesome vegetable the entire season. The above engraving, made by our artist from a photograph, is an exact representation of the Netted Beauty, which, as before stated, is very early, coming in a few days after our Extra Early Prize Jenny Lind, which is the earliest melon known; it is also very productive, which is shown in the fact that our whole crop averaged this season over 10 melons to the vine, on good ground. The flesh is pale green, very thick, sweet and high flavored. In our patch of 3 acres, this season, we were unable to find a poor-flavored melon, all we tested—being uniformly rich and lusciously sweet. Netted Beauty, when known, will rapidly popularize itself as the best of all early cantaloupes for either home use or market. Pkt., 15c.; oz., 35c.; 2 ozs., 60c.; $1 lb.; $1.00; lb., $3.50.

We distributed last spring, a few packets of Netted Beauty among some of our large melon growers, and publish below a few testimonials, which are samples of the expressions of all reports received.

T. R. Hubbard, Hill's Point, Md., Sept. 25, 1890, writes: "All your garden seeds have proven, in every respect, highly satisfactory with me. The new Cantaloupe, No. 51 (Netted Beauty), was the very best that I ever ate or grew. It is of good size and ripens early. I do not think there is a better variety in existence."

Samuel Sh rbury, 81, Albans, W. Va., Aug. 12, 1890, writes: "The new No. 51 (Netted Beauty) Muskmelon yielded abundantly, and are the best and sweetest I have ever tasted."

H. C. Speakman, Easton, Md., Oct. 1, 1890, writes: "The new No. 51 (Netted Beauty) proved of large size, and in flavor unequalled. I am thankful to have such an acquisition in the melon family. I had an immense yield of this variety."

J. B. Payne, Lectown, W. Va., Oct. 11, 1890, writes: "The new Muskemelon, No. 51 (Netted Beauty), is excellent and unequalled; it will give entire satisfaction to all who plant it."

NEW TRIANON COS or CELERY LETTUCE.

This new lettuce from France, which we now offer for the first time, is by far the best Cos Lettuce we have ever grown on our trial grounds, and after a critical test of two seasons, we can recommend it as the very finest of its class. The Cos Lettuces are now the favorites in Europe, and they are fast becoming more popular here. The long, narrow leaves, which form large solid heads, almost like a Wakefield Cabbage bleach and quickly become snowy white. They excel all other lettuces in quality, having a taste and crispness unequalled. The leaves of this variety when bleached are stiff like celery stalks and can be eaten in the same manner. In many countries of Europe where known, this lettuce is preferred to celery. Those of our customers who have never grown the Cos Lettuces, will be amply repaid by giving this new sort a trial. Per pkt., 10c.; oz., 35c.; ½ lb., $1.00; lb., $3.50.
NEW PEPPER—THE CARDINAL.

This new Pepper, which we offer for the first time, is of handsome shape, as shown in our illustration, growing to a length of about six inches, very thick and sweet fleshed and the most beautiful and brilliant vegetable grown. It would be worthy of cultivation for its beauty alone, there being no flower which can be grown in the North which equals it in depth, purity and brilliancy of color, appearing as though varnished in a bright cardinal. It will also be found a most useful variety, as it can be used for all purposes to which Peppers are put. Pkt., 15c.; 2 pkts., 25c.; oz., 40c.; ½ lb., $1.00; lb., $3.50, post-paid.

New Cucumber: PARIS PICKLING.

A very desirable and distinct new French sort, which promises to be a great acquisition. The fruit is very long, slender, cylindrical, densely covered with fine prickles and deep, rich green in color. The flesh is very crisp and tender, making it one of the best for slicing as well as for pickles. The vine produces its fruit in clusters and is enormously productive. We hope it will receive a universal trial, as on our trial grounds the past season it surpassed all others in pickling qualities, which constitute brittleness or crispness and showing no sign of seeds when in a proper stage for pickling. Pkt., 10c.; oz., 25c.; ½ lb., 70c.; lb., $2.50.

Felton’s Model
White Box Radish.

No radish we have ever introduced has met with so large a sale and gave such general satisfaction to growers as the Philadelphia White Box, first named and introduced by us in 1888. Our customers were, however, no doubt gratified and surprised to find we offered last season for the first a still better and more desirable radish, selected and improved by the well-known Philadelphia market gardener whose name it bears. It possesses all the excellent qualities of the now popular Philadelphia White Box, and is superior in the following respects: In the first place the shape is rounder and much handsomer, as shown in our engraving, made from Nature. It is also earlier, with fewer and shorter leaves; hence it can be sown more thickly in the row, enabling the grower to raise at least one-third more radishes in the same space, whether under glass in frames or boxes, or on squares or borders in open ground. It is indeed a model, perfect in all respects, being solid, juicy and unsurpassed in flavor in all stages of growth, and equally valuable for the home or market garden. Pkt., 10c.; oz., 15c.; ½ lb., 35c.; lb., $1.25.

RECOMMENDATIONS NOT OVERDRAWN.

W. J. Birdsall, Friend, Saline Co., Neb., Oct. 2, 1890, wrote: “I have bought many seeds, but always get the best from you. One thing I notice, and that is, that your recommendations when introducing novelties are never overdrawn.”

E. D. Gibson, Ashburnham, Mass., writes: “I have had your seed for a number of years, and have found them true in name and quality. I find your novelties not overpraised, and that you do not send out old varieties under new names, as some do. When you get a new thing you tell us the truth about it.”
Early Dawn Sweet Corn:
A New Extra Early Variety with Ears as Large as Evergreen.

In offering this new Sweet Corn for the first time, we believe it to be the most valuable introduction since the Burlington Hybrid and Cory. The originator, a gardener in Northern Vermont, in sending us the seed for trial, claimed it to be the only large-eared variety, the seed of which could be ripened in that Northern latitude. It is unquestionably the largest White First Early Sweet Corn, with a pure white cob and rich, creamy-white kernel of most excellent quality. It is quite as early as Marblehead and shows none of the red shade of that variety or Cory, while the ears are more than twice the size. We believe it to be the best early genuine Sweet or Sugar Corn grown. We distributed trial packets among some of our customers last season as New Sweet Corn No. 20, and have received hundreds of letters similar to those published herewith. Read what they say alongside this. Prices for 1891: Pkt., 15c.; 2 pkts., 25c.; pint, 40c.; qt., 75c.; post-paid; pint, 30c.; qt., 60c.; 4 qts., $2.00, by freight or express. Supply is so limited that we cannot supply more than 4 qts. to any one purchaser.

The Guarantee Sweet Corn.

This new candidate appeals not only to the shrewd market gardener but to every owner of a home garden who may desire something extra choice in quality. It has had quite a reputation for a few years in one of the largest market houses in Philadelphia, where it has been brought in market in its season by a Chester County, Pa., market man and had become known to its patrons as ‘The Guarantee,’ he having always, in disposing of it, guaranteed it be the sweetest in the whole market. We have seen his supply of this corn sold out before 8 o’clock in the morning, long before the market was half over, notwithstanding the fact that his price was always 50c. per dozen above his competitors. He has always kept the seed in his own hands until recently, when, after great persuasion and at high cost, we obtained from him a few quarts two years since, from which our present stock was grown. It grows a fair-sized, handsome, white ear, as shown in our illustration above, which was made on wood direct from a photograph; grain very much shrivelled when dry, coming in second early or intermediate, and producing three to four ears on each stalk. If you want something really fine and choice in sweet corn try the Guarantee. Pkt., 15c.; pint, 30c.; qt., 50c.; post-paid; qt., 35c.; 4 qts., $1.00; peck, $1.75; bushel, $6.00, by freight.

What Others Say of the Early Dawn.

John Manning, Fredenalsburg, Md., Sept. 9, 1890, writes: “I am much pleased with New Sweet Corn No. 20 (Early Dawn). It is the best Extra Early Sweet Corn I have ever known. It is of most delicious flavor and the ears are very large and fine.”

A. J. Fraser, Vernon, Wis., Aug. 26, 1890, writes: “The New Sweet Corn No. 20 (Early Dawn) is the sweetest in my estimation. It comes extra early, has a great size and finest quality.”

Metts & Guncheon, Westport, Pa., Sept. 7, 1890, writes: “All who live in this community say that never in their lives have they beheld such fine vegetables as those on our lands, grown from your seeds. The Sweet Corn No. 20 (Early Dawn), for fine flavor, sweetness and great size of ears cannot be equalled.”

D. von Postel, Charleston, S. C., Oct. 5, 1890, writes: “I am more pleased with your New Corn No. 20 (Early Dawn), one ear of it shells over a quart. It is very prolific, a most astonishing grower and very early.”

E. C. Green, Blowing Creek, N. C., Aug. 1, 1890, writes: “Your New Sweet Corn No. 20 (Early Dawn) is the finest, largest and sweetest I ever saw or grew.”

Goddard Paulin, Troy, Ind., Sept. 25, 1890, writes: “Your New Sweet Corn No. 20 (Early Dawn) turned out exceedingly well, it is by all odds the finest I have ever raised or seen.”

J. Farnsworth, Fairfax, Va., Aug. 25, 1890, writes: “Your New Sweet Corn No. 20 (Early Dawn) deserves the highest praise. It is the most sweet and delicious and of a very large size for so early a corn.”

W. H. Fowler, Mt. Carmel, Conn., Sept. 26, 1890, writes: “The New Sweet Corn No. 20 (Early Dawn) is very fine. It is the most tender and fine flavored of all early sorts.”

E. Cresson, Wyoming, Del., Sept. 19, 1890, writes: “Am much pleased with New Sweet Corn No. 20 (Early Dawn). It is largest, finest flavored and earliest of all.”

E. Rapp, Josephine, Mo., Sept. 25, 1890, writes: “Your New Sweet Corn No. 20 (Early Dawn) has done extra well with me. The ears are large and fine, well filled out and it ripens very early.”
Johnson & Stokes' Early Alabaster Cauliflower.

American Seed of an American Variety. See Photograph opposite.

The Easiest Grown. The Surest Header.

The Early Alabaster is an entirely new and distinct sort, which is not offered by any other seedsmen, we owning and controlling the entire stock of the originator. It was originally a sport from the finest German strain of the selected Dwarf Erfurt one extra fine head appearing some ten days in advance of any other in the crop of one of the largest and most expert cauliflower growers on Long Island, in 1881. The seed of this was carefully saved by him, and from it our stock has been brought up. Careful selections have been made each year, the type is fixed, and we confidently recommend this as the earliest and best Cauliflower in the world, for either the market or family garden, and it is so pronounced by all growers who have had it. Many of the cauliflower growers of Eastern Long Island, and in Suffolk County, N. Y., where it originated and where hundreds of acres are annually grown and shipped to market, have told us they would not take the old Ball, Erfurt, or seed of any other variety as a gift, as long as they could buy the Early Alabaster. It is suited for forcing as well as for growing in open ground, being of very dwarf erect habit, with short outer leaves. It can be planted less than two feet apart each way. It is a sure header, every plant forming a large, solid and perfect head of remarkably pure snowy-white color, of the finest table quality. All market and family gardeners who have failed in growing this delicious vegetable may rest assured that the trouble has come from either inferior or imported unacclimated seed, and a similar care in mind that our seed of the Early Alabaster is American-grown, and from it a crop of cauliflower can be grown as easily as a crop of cabbage, and with greater profit. Try it. Pkt., 25c.; 5 pachts., $1.00; ¼ oz., $1.50; ½ oz., $3.00; oz., $6.00; ½ lb., $20.00. One ounce cauliflower seed will produce about 2,500 plants, the crop of which would usually bring in this market $500 to $400.

New Muskmelon.

Johnson & Stokes' Superb.

The Handsomest Late Melon and Most Luscious of all the Green-fleshed Varieties. See Photograph opposite.

Notwithstanding we have had this very valuable new melon under test for two years, this is the first season, owing to its very shy seeding property, that we have been able to offer the seed for sale. In describing its handsome shape and beautiful netted appearance, we cannot do better than to refer to the photograph opposite, made from one of our first seeds, taken from our patch. In a test this season with forty other green-fleshed varieties, it surpassed them all in growth, thickness of flesh and rich, delicious flavor. It attains a very large size, and its shipping and market qualities are superior to the well-known Montreal, Hackensack and other large market melons, while in quality and fine appearance they cannot even compare with the "Superb." All who want the most profitable for late market, or those who want the best for the home garden, need seek no further. Pkt., 10c; oz. 50c.; ½ lb., $1.50; lb., $5.00.

The Following Specialties

will be found this season in our "General List" on the pages indicated, viz:

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A Photograph of Johnson & Stokes' Early Alabaster Cauliflower.

The true American variety originated on Long Island, and first introduced by us in 1889.

The earliest of all. The easiest grown. The surest header.

A Photograph of the Grand New Cantaloupe or Muskmelon,
Johnson & Stokes' Superb,

The handsomest and best green-fleshed melon ever offered for either market or family use. See description opposite.
JOHNSON & STOKES

Golden Self Blanching Celery

Marketed

SEPT. 1st

JOHNSON & STOKES CHAMPION SPRING AND SUMMER LETTUCE
Johnson & Stokes' Golden Self-Blanching Celery.

THE PHOTOGRAPH OPPOSITE SHOWS A BUNCH OF THIS NOW FAMOUS CELERY AS GROWN AND MARKETED SEPTEMBER 1, 1890, BY FRANK R. SCHALLCROSS, A WELL-KNOWN PHILADELPHIA MARKET GARDENER, WHO, WITH MANY OTHER LARGE CELERY GROWERS, ARE NOW PLANTING THEIR ENTIRE CROPS IN THIS VARIETY.

The Golden Self-Blanching celery we first introduced to the American public in 1883; since which time it has been pronounced by hundreds of our patrons who have grown it on our recommendation, the very best and most profitable. It is of very fine flavor and very large in size, but very stocky and robust. The stalks grow vigorously, with large ribs, very thickly and closely set. It is entirely self-blanching, without any banking up or covering whatever, even the outer ribs assuming a yellowish-white color of a very fresh and pleasing appearance. The heart is of a beautiful golden yellow color, very large, crisp and solid, and unsurpassed in delicious quality and flavor. It is unequalled in striking appearance on the table, and decidedly the best keeper of all the Self-Blanching varieties. It is such a shy seeder that we have never yet been able to grow enough seed to supply the demand. We are glad to state, however, that this season we have been successful in growing the best supply we have ever had, and hope to be able to fill all orders at our very reasonable prices. Each package contains our trade label. Pkt., 15c.; oz., 45 cts.; ½ lb., $1.25; lb., $4.50; 2 lbs., $8.00.

Johnson & Stokes' Champion Spring and Summer Lettuce.

This new variety now offered for sale for the first time is, we believe, the most valuable and distinct variety in existence for the market gardener. The photograph opposite hardly does it justice, as it would be impossible to portray on paper its beautiful bright golden color and flaky light appearance, in which it is unapproached by any other Lettuce. It is not only one of the best Early Lettuces for spring planting, forming good solid heads before half grown, but alike valuable for growing during the hottest summer months, being one of the slowest to shoot to seed. The quality and flavor are simply perfect, surpassing all other varieties of Cabbage Lettuce. The seed is also very distinct from and superior to other varieties, being a bright yellowish color. It will prove a boon to every market or family gardener who will give it a trial. Pkt., 15c.; oz., 45c.; ½ lb., $1.25; lb., $4.50.

We distributed last spring trial packets of this new Lettuce labelled No. 90 among some of our market garden customers, and have received enough similar testimonials to those published below to fill several pages of this book. All are unanimous in giving it the highest praise.

SOME WORDS OF PRAISE

FOR

Champion Spring and Summer.

ISAAC W. FISHER, Springfield, N. Y., August 25, 1890, writes: "Your No. 90 (Champion Spring and Summer) Lettuce cannot be beat. It knocks out anything in this section of the country. It is earlier than Salamander by ten days, and makes much larger and handomer heads in June. All praise to No. 90. Its equal certainly does not exist."

JOHN F. WILLIAMS, Anna, III., September 27, 1890, writes: "Your seeds have given the greatest satisfaction here. The New Lettuce No. 90 (Champion Spring and Summer) proved the very best of all sorts. It stays in its headed state longer than any other variety we have ever grown. It simply can't be beat.

ISO. L. LESTER, Woodstock, Conn., Sept. 29, 1890, writes: "I have never had seeds that have proven so entirely satisfactory in every particular as those from you and I have been a marketgardener thirty years. The No. 90 (Champion Spring and Summer) Lettuce is very much beyond very size, handsome heads of good size, earliest of all and of the finest quality. A No. 1 in every respect."

L. K. WHITE, Lombard, Md., Oct. 5, 1890, writes: "I cannot say too much in favor of your seeds. I have had the earliest and best vegetables grown in this part of the country. The No. 90 (Champion Spring and Summer) Lettuce is grand. It is superior to all other known varieties."

McKENZIE BOLDMAN, Steurgeon, Mo., Sept. 22, 1890, writes: "All the seeds we purchased of you gave me and everyone else the show or used the value of the best seed on the market. The No. 90 (Champion Spring and Summer) Lettuce is a veritable gem. We have used it in the market and it has been in demand."

C. H. MURCIAL & BOWS, Milford, N. J., September 8, 1890, writes: "We were delighted with the No. 90 (Champion Spring and Summer) Lettuce. It is three times as large as the Boston Market or White Seeded Round Ball at the same time being equally as tender and as quick in growth. In appearance and in all other respects it is far superior to any we have ever seen or grown; and too much cannot be said in its favor. The Cumberland Red Tomato is superior to any we have ever raised for a second early. All the other seeds purchased of you are the finest and best we ever had."

D. AROMAY, Martinsville, Ind., Oct. 1, 1890, writes: "I carefully tested No. 90 (Champion Spring and Summer) Lettuce side by side with five other varieties and it proved by far the best of all. I never had any so good in keeping and fine quality. The heads weighed two pounds and over and will take the lead of all others here."

CHAS. W. HILDEBRAND, Poughkeepsie, N. Y., Oct. 1, 1890, writes: "Your seeds have produced great results. The new celery, Giant Pascal, is very fine; it is beautiful in appearance, being of an ivory-white color, tender and crisp, and with a fine, nutty flavor. All your other seeds have done as well. The J. & S. Extra Early Peas were the earliest and enormously prolific. By your honesty and liberality you have gained the highest esteem and confidence of all our market gardeners here."

New Sensation Lettuce. A Free Premium with orders of $2.00 and over.

This remarkable new lettuce from France promises to become a most valuable acquisition. It is now creating a great sensation among Paris market gardeners, where more lettuce is probably grown than any other place in the world; the French being fine judges and great lovers of lettuce. In a critical test on our trial grounds this summer, we find it to possess many valuable and distinct qualities, unknown in any other lettuce, both for forcing and out-door culture. The supply of seed is so small that we cannot offer it for sale, but will include a liberal trial package in all orders of $2.00 and over.
Our Colored Illustrations.

Painted from Nature.

Painted from Natural Specimens by the well-known Artists and Lithographers, Messrs. Beattie & Veltzler, of New York City.

The Cumberland Red Tomato

Now Offered for Sale for the First Time.

Notwithstanding we have never before offered this magnificent tomato for sale, we have for the past few months been overwhelmed with inquiries and orders for the seed, this demand having been created by the fact that we last season distributed several thousand packages free for trial among our customers, the inquiries for the seed coming from them and their neighbors and friends who saw the tomatoes during growth. We have received hundreds of acknowledgments and unsolicited testimonials similar to those published on the margin alongside this page. The painting on the back of our book, made from an average specimen taken from our patch, shows accurately and without any exaggeration their handsome shape, beautiful rich red color, while the small section portrayed by the artist will give some idea of their remarkable solidity. They originated a few years ago in Cumberland Co., N. J., where they have been grown with great profit by a few truckers, from the fact that they have always commanded very high prices when shipped to Philadelphia markets; and it was only after great persuasion and at high cost that we were able to obtain from the originator a few ounces of his selected stock seed to grow from. The vines grow vigorously and produce abundantly until killed by frost. Foliation a very dark green. The skin is remarkably tough, and the tomatoes keep a long time after being pulled, making them an excellent market and shipping variety. We have in the past few years introduced several new and very valuable tomatoes, but think the Cumberland Red eclipses them all in its magnificent color and form, weight and extraordinary large size.

Prices for 1891: Pkt., 20c.; 3 pkts., 50c.; 7 pkts., $1.00.

New Giant Podded Marrow Pea.

This grand new pea gave wonderful satisfaction to all who planted it last season. It grows about two feet high, and bears enormous, handsome pods, seven to eight inches in length and well filled with large, deliciously flavored, deep green peas from top to bottom of the pod, as shown in our painting on back of this book. They are unequalled in productiveness, require no support, owing to their fine dwarf, stocky habit, and are such heavy croppers that we know of no pea from which so large a bulk of produce can be obtained from a given number of vines. This variety is much harder than either the Telephone or Stratagem, and can be planted much earlier in consequence. It matures about ten days later than our famous Johnson & Stokes' Selected Extra Early, making a valuable Second Early as well as our finest Late Pea. Your garden will not be complete without this grand giant podded marrow.

Nichols' Improved Long Orange Carrot.

We first procured this stock from Mr. Robert Nichols, one of the most successful market gardeners of this city. Its very handsome color and distinct shape is well shown in our painting on back of this manual. The strain is earlier than either the well-known Danvers or Long Orange as usually sold. The color is of a deep orange when no thicker than an ordinary lead-pencil, shading to a deep orange red when fully grown. The root is perfectly smooth from the shoulder to the extreme tip, and entirely devoid of side rootlets in all stages of growth. It grows without any neck whatever, the top is short, and this, together with its extreme earliness, admirably fits it for forcing as well as out-door planting.

We pronounce it the ideal carrot, either for early or late use, being enormously productive and highly nutritious for stock when grown as a field crop. Pkt., 10c.; oz., 15c.; 1/4 lb., 35c.; lb., $1.25, post-paid; 5 lbs., $5.00, by express.


We think so highly of this entirely new and distinct Wax Butter Bean that we have also added it as one of the subjects of our colored illustrations for 1891. The vine grows vigorously about 1 ½ feet high, holding the greatprofusion of handsome pods well off the ground, thus keeping them clean and attractive. The pods are flat, larger and earlier than Golden Wax and almost rust-proof. It is, without doubt, the most valuable of all new sorts for both the family and market garden. Pkt., 15c.; 2 pkts., 25c.; pint, 40c.; qt., 75c., post-paid; qt., 60c.; peck, $2.50; bushel, $9.00, by freight or express.
New Squash. THE ISLAND PRIZE.

The above engraving, accurately reproduced from photographs, will give some idea of the handsome shape, size and wonderful productiveness of this valuable new fall and winter squash, the seed of which is now offered for sale for the first time. The seed was first sent us by a lady customer in California, the only history of it she could give being that "it was brought to San Francisco from one of the Pacific Islands." We were struck with the very distinct appearance of the seed, and divided it between two veteran squash growers, one in New Jersey, and the other in Nebraska, both of whom agree in pronouncing it a most valuable acquisition. It is the dryest and sweetest of all squashes, and grows so rapidly that the striped bug can get no chance to injure it. The outside skin is a bright creamy-yellow, while the flesh is very thick, and of a deep orange yellow; and as we said before, remarkably sweet and rich in saccharine. The shape and size are excellent and most convenient for either home use or market. The stock of seed this season is so small, that we can only offer it in sealed packages, containing 30 to 35 seeds each. We are sure, however, all who try it will return for seed next season, when we hope to be able to offer it in quantity. Price for 1891: Pkt., 15c.; 2 pkts., 25c.; 5 pkts., 60c.; 10 pkts., $1.00, post-paid.

NEW GIANT PASCAL CELERY.

This remarkable new variety is a selection thoroughly established from our Golden Self-Blanching Celery, which has become so popular in the last few years; it partakes of the best qualities of that variety, is somewhat larger, and an excellent keeper. It is of a fine, nutty flavor, being entirely free from any bitter taste. It grows about two feet high; the stalks are very broad, thick and crisp; the width and thickness of these are distinctive features of this variety. It bleaches with but slight "earthing up," and very quickly, usually in five or six days. The heart is golden yellow, very full and attractive in appearance. We distributed a few packages of this new celery last spring among some of our customers, who make a specialty of growing celery, and regret we only have room on this page to publish a few of the reports. Pkt., 15c.; oz., 45c.; ½ lb., $1.25; lb., $4.50, post-paid.

R. S. GAYNOR, Klingerstown, Pa., Sept. 21, 1890, writes: "Of your New Giant Pascal Celery I have raised the finest crop in this neighborhood. I am indeed pleased with it, has the finest flavor, and is the hardiest of any variety I ever raised. It surpasses all other kinds I know of."

L. A. WALKER, Belknap, Ill., Oct. 3, 1890, writes: "I am well pleased with the new celery, Giant Pascal. I think it fully equal to your Golden Self-Blanching, which is high praise. The New Lettuce, No. 9, (Champion Spring and Summer), surpasses any I ever saw."

LEWIS SHINN, Camden, N. J., Oct. 15, 1890, writes: "The new Giant Pascal Celery is a great improvement over the old variety. It is a true Giant, the stalks being nearly self-blanching. It is of a rich golden color, very tender, crisp, and a fine, nutty flavor. It is simply immense."
The Budlong Turnip.

This new strain of White Ruta-Baga is the result of years of careful selection made by Mr. Budlong, one of the most extensive market gardeners of New England. It well deserves to be classed with the best table turnips, owing to its fine texture and extra high quality. It is of half long shape, as shown in our illustration, with a beautiful purple crown, pure white skin and flesh. Medium in size and of very quick growth. This new turnip has had a great local reputation for several years in a few towns of New England, where gardeners would pay almost any price to obtain seed in seasons when scarce. From our own experience with it we pronounce it the very best table turnip for spring and winter use that we have ever seen grown. Pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50.

NEW EARLY ARLINGTON CELERY.

This new celery comes from the same source as the Arlington Tennis Ball Lettuce described on another page. It is an improved selection of the well-known Boston Market Celery, made by an Arlington market gardener. It has received first prize in both the regular and special premiums as offered by the Massachusetts Horticultural Society. It is very early, coming in quite three weeks in advance of the Boston market; and its superiority over this thread is in the fact that it is earlier, of larger size, and more vigorous growth; does not blight or run to seed as badly, and bleaches easily and more quickly. Numerous specimens were exhibited last fall in Boston weighing six and seven pounds each. It has been heartily endorsed by those who have grown it in both large and small quantities, and we invite every market gardener, farmer, and kitchen gardener to give it a trial and become convinced of its superiority and sterling merits. Pkt., 10c.; oz., 35c.; ¼ lb., $1.00; lb., $3.75.

DILKS' MANY-HEARTED CELERY

This fine new celery was originated by Mr. Geo. Dilks, a noted Philadelphia market gardener, from one stalk found growing in a field of Golden Dwarf, in 1884. It is very distinct in appearance, being much stouter, thicker and heavier near the root than any other variety. We have seen four stalks in a bunch weigh thirteen and a quarter pounds, and entirely cover the top of an ordinary flour barrel. This celery has never shown a burnt or dry leaf or a soft or spongy stalk in the most trying seasons. It surpasses all other celeries in keeping qualities, having for a few years past been sold in our markets as late as the last of May, after Golden Dwarf and all other varieties were done. Mr. Dilks has always realized fully 40 per cent. more for his whole crop of this variety than any other celery grown. The seed grown by the originator can only be obtained from us. Pkt., 15c.; oz., 50c.; ¼ lb., $1.25; lb., $5.00.

NEW WATERMELON,
RED SEeded FRENCH VAUCLUSE

This is not only the best foreign watermelon we have ever grown, but is one of the most promising of all the many sorts lately introduced. It is of French origin, very early, of large size, elongated egg shape, with stem end slightly inclined to a point. The flesh is a bright crimson, very sweet, not in the least stringy, and coming to within one-eighth of an inch of the skin; seeds are also bright red. The rind, though so thin, is very tough and the shell glossy, so that this melon is an excellent shipper. It is of a dark green color, beautifully threaded with a still darker green. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., $1.75.

JOSEPH FRAENZEL, Otterbein, Ind., Aug. 28, 1890, writes: "I am greatly pleased with your new Celery, and also Lettuce No. 90. (Champion Spring and Summer). They are both excellent, the best I have ever raised."
Novelties in Flower Seeds.

Three Choice

NEW

COLUMBINES.

342. Golden Spurred Columbine (Aquilegia Chrysantha). This is one of the finest perennials for the border ever grown. Flowers of the most intense primrose yellow throughout, with long slender spurs; fragrant and exceedingly showy. Pkt., 15c.

343. New Pure White Spurred Columbine (Aquilegia Chrysantha Alba). This pure white variety has flowers of the largest size, pure snow white, with long spurs of elegant shape, and born in lavish quantity; charming for groups in the garden and an excellent pot plant. Pkt., 35c.

344. A. Skinneri. A magnificent clematis, with crimson sepals lined with light green, and light green petals and long, straight, crimson spurs. One of the finest. Pkt., 15c. One pkt. each of these three magnificent clematises for 40c.

Arnebia Cornuta.

295. This charming novelty from Asia forms a dense globular bush, with a diameter of about 2 ft. Its curious and exceedingly beautiful flowers expand daily in succession and in great abundance. They are of an agreeable rich yellow and marked with fine large black spots, which turn to deep maroon on the second day and entirely vanish on the next day, becoming a clear yellow. If flowers with unusual profusion during the whole of the summer and from 100 to 150 spikes of flowers may be seen on one plant. Cut flowers placed in water, retain their freshness for about ten days. The species is highly effective whether planted singly or in masses and for borders, etc. CULTURE.—Sow in heat in February, in light mould, and plant out in the open ground at the end of April, giving a space of 1½ feet each way. It thrives best in unmatured soil. Pkt., 25c.

WHITE QUEEN ASTER. Pkt., 15c.

NEW: LARGE: FLOWERING: DWARF: QUEEN: ASTER.

This is pronounced by all who have seen it as the finest aster ever introduced.

The dwarf, bushy plants grow only ten to twelve inches high, and, while branching very freely, the branches are upright (not loose in habit), make a dense, compact bush, excellent for pot culture as well as for bedding. For many purposes, and particularly for culture in pots, we consider the habit of growth is more desirable than any variety heretofore introduced. The flowers are of extraordinary size, perfectly double and resemble the finest Victoria Asters in form. On a single plant we counted forty flowers and large buds, while many small buds were appearing. As yet, there have been only two colors of this strain produced by the originator in Germany.


New Giant American Cowslip.

1130. (Dodecatheon Clevelandi). A beautiful perennial, native of California. It throws up flower stalks surmounted by beautiful cyclamen-like flowers of the loveliest shade of violet blue, with yellow and black centres. It is perfectly hardy, but does best in partial shade. Pkt., 25c.

New Hardy Sweet Pea From California.

**Lathyrus Splendens.**

This is one of the finest novelties offered this season. It bears dense clusters of brilliant deep rose flowers. Dr. Fanny, who saw it growing wild in Lower California, describes it as the handsomest flower in all California. Pkt., 25c.

THE GORGEOUS ANNUAL POINSETTIA.

"Mexican Fire Plant," or "Fire on the Mountain," (Euphorbia heterophylla.)

This glorious novelty is an annual of the easiest culture, forming bushy plants three to four feet high, with glossy green fiddle-shaped leaves, which form at the ends of the branches into large whorls and bracts, among which small green flowers appear in summer, and immediately after the leaves commence to color tip. The smaller bracts among the flowers are of a brilliant orange-scarlet, and the large surrounding leaves soon become blazed with a darker fiery scarlet so that only a tip of green is left. As these colored bracts almost cover the plant, the effect is indescribably grand. The seeds grow easily if sown in the open ground as soon as it is warm enough, but if they can be started early in the house or hot bed the brilliant scarlet color will appear much earlier in the season, and is always retained until frost. Pkt., 20c.

NICOTIANA AFFINIS.

It produces splendid, pure white Bouvardia flowers on long terminal tubes. When its large flowers are fully expanded in the evening and early morning, it has a most striking effect, and so fragrant that a small bed will perfume the whole surrounding atmosphere. Pkt., 15c.
NEW MARGUERITE

CARNATIONS.

663. New Marguerite Carnations. A carnation that blooms the first year from seed. These new carnations are destined to create a great sensation among florists and the gardening public at large, owing to their remarkable qualities and advantages over the old varieties. The flowers are of brilliant colors, ranging through many beautiful shades of red, pinks, white, variegations, etc.; they are perfect form and large size, and what is of special value, the calyx never bursts. They bloom in about four months after sowing seeds; those sown in spring commence flowering in early summer and continue to bloom in lavish profusion until checked by frost. They can be potted and taken in the house and will flower abundantly throughout the winter, though, if intended specially for winter flowering, it will be better to sow later in the season. They come eighty per cent. double. The carnations are novelties of unusual merit and destined to create a sensation. (See Cut.) Pkt., 15c.

NEW STRIPED DAHLIA.

1002. (Dahlia Gracilis). Has received the highest award from the National Horticultural Society of France. The flowers are single, quite four inches in diameter, and comprise a wonderful variety of color, flecked and striped with the most striking and beautiful markings, a single plant frequently producing both self-colored, striped and spotted flowers. The foliage is unlike other dahlias generally, being beautifully lacinated. The whole plant is made up and poised with indescribable grace and beauty. Pkt., 15c.

HARDY DAY-BLOOMING MOONFLOWER.

(Coreopsis Lanceolata.) Pkt., 15c.

563. Coreopsis Lanceolata. The most charming hardy perennial sent out for many years. It grows easily, flowers the first season from seed and continues to bloom during the entire summer. The flowers are borne on long stems, are of a lovely bright golden yellow color, remain in perfection a long time when cut, and are a charming flower for ladies' wear. Pkt., 1c; 2 pkts., 2c.

MINA LOBATA.

Half-hardy Mexican climbing annual. The buds are, at first, of a vivid red, but turn to orange yellow immediately before they open, and when fully expanded the flowers are of a creamy white shade. They are freely produced from the base to the summit of the plant, which attains a height of from 18 to 20 feet, and constitutes a strikingly beautiful object. No. 2980. Per pkt., 3c.
THE "CUP AND SAUCER" CAMPANULAS are a very striking and beautiful variety of "Canterbury Bells." The flowers are large and resemble a cup and saucer. Colors are mixed blue, rose, lilac and white. Price, per pkt., 15c.

**New Spotted Bell Flower.**
(Campanula Punctata.)

An elegant, new, perfectly hardy perennial, about 1½ feet high. The pendulous, bell-shaped flowers are milk-white, dotted and striped with red on the inner surface and as large as the well-known Canterbury Bells. A splendid cut flower of elegant and graceful appearance in vases or bouquets. Per pkt., 25c.

**Primula Obconica.**

A profuse blooming primrose, bearing on long stems heads containing 10 to 15 flowers. It thrives in a cool house and will grow in favor with those desiring plants that will grow easily. The flowers are pure white, shading occasionally to lilac, and have the true primrose fragrance. It is in all respects a lovely flower, and as it becomes better known it will be appreciated at its true worth. 25c.

**LARGE FLOWERING HARDY NEW ORIENTAL POPPIES.**

(P. Orientale X bracteata—hybrids.)

2386. These grand and showy summer flowering plants are unquestionably one of the finest hardy perennials grown. The plants grow about 2½ feet high, and throw up numerous flower stalks during the summer months, each bearing a magnificent and enormous flower, 1½ inches across. These new hybrid varieties include charming new colors, including exquisite blush pink, blotched purple, deep blood-red, blotched black, blooming scarlet, pure reddish orange, soft salmon, etc. Per pkt., 25c.

**ROSE OF JERICHO.**

A new Resurrection Plant from the Holy Land—"The rolling thing before the whirlwind" mentioned by Isaiah. This curious and rare plant we have long made vain efforts to secure, and have only just succeeded in getting one thousand good specimens. It is entirely different from our Mexican Resurrection Plant, as it is hard wooded and grows in the form of a little bush. When dry, the branches fold up into a mass or ball, but when placed in water they soon unfold, and in 10 or 20 days green leaves will start out and grow commence. Without seeing it, one could hardly believe these dry, dead branches could send out green leaves and shoots. All that is necessary to produce growth is to keep the plant standing in a glass of water about half-way to the top of its branches. It is a native of the border of the Dead Sea, where it grows and blooms freely. 25c; each: 3 for 50c., post-paid.

**Giant White California Poppy.**

(Romney Galburti—True Stock.)

2387. A perennial of stately beauty. The extremely delicate pure white petals are half transparent and do not lose the crumpled folds, as most poppies do when fully opened. The flowers are 4 to 5 inches across and have a bunch of fine yellow stamens in the centre. The plants attain a height in California of 6 to 8 feet. North of Washington it should be taken up and kept in a cool greenhouse or light cellar in winter. Per pkt., 25c.

**NEW SHIRLEY POPPY.**

2388. Is perfectly hardy and flowers profusely the first season from seed. The colors are pure, soft and varied and range from blush white, rose, delicate pink and carmine to a bright, sparkling crimson. (See cut, page 99.) Per pkt., 15c.
In the following pages we have endeavored to list the cream of all varieties known in America that are really worthy of cultivation, removing the chain from the wheat, weeding out many varieties that are still catalogued by other seedsmen, but which our extended trials and experience have proven to us are unworthy of further cultivation. Under this head we also illustrate and describe our choice Specialties; among them will be found many valuable novelties recently introduced, to the growing of which we have given special attention; many of which cannot be obtained elsewhere. The varieties which we have printed in CAPITALS are highly recommended, many of them being improved sorts of great merit.

OUR PRICES! It is our constant aim to make HIGHEST QUALITY A FIRST CONSIDERATION, and then to make OUR PRICES AS LOW AS GOOD HONEST SEEDS CAN BE SOLD. OUR PRICES, THEREFORE, will in all cases, be found as LOW as those of any other RELIABLE HOUSE for seeds of the highest standard of excellence. OUR DETERMINATION to grow and distribute nothing but the VERY BEST SEEDS THAT IT IS POSSIBLE TO PRODUCE has increased our business to its present LARGE PROPORTIONS, and gained for us the largest trade enjoyed by any other house in America direct with critical market gardeners and experienced planters, who cultivate for profit, and whose trade always seeks the source where the highest quality can be obtained. "OUR SUCCESS ACHIEVED CAN ONLY BE MAINTAINED BY THE METHODS THAT OBTAINED IT."

SEEDS POST-PAI'D BY MAIL. In considering our prices on all Vegetable and Flower Seeds by the packet, ounce, quarter pound, pound, pint or quart, please remember that we pay the postage and guarantee to deliver them safely to your nearest post-office. All postage prepaid, at our Catalogue prices.

Customers ordering Vegetable Seeds by the pound, pint or quart, to be sent by freight or express, at their expense, are entitled to deduct 8 cents per pound or pint, and 15 cents per quart from these prices. For full instruction about ordering, please see directions to correspondents on page 3.

We aim to have our packets the largest and best filled with seed of any house in the trade, and receive hundreds of letters every season from new customers who express surprise at the quantity we put in our packets. Each packet of all the leading varieties is handsomely illustrated with an engraving of the vegetable or flower, with full directions for culture, etc.

LIBERAL PREMIUMS ON SEEDS IN PACKETS. As an inducement to our customers to get their neighbors and friends to order with them in sending their orders, we will allow each purchaser of seeds in packets, to select 25 cents worth extra for each $1.00 sent us. Thus, purchasers remitting $1.00 may select seeds, in packets only, to the amount of $1.25; those remitting $2.00, to the amount of $2.50; those remitting $3.00, to the amount of $3.75, and so on. In addition to these premiums, every purchaser of $3.00 and over in one order will receive the $100 Prize Essays.

NEW CUSTOMERS. As this Catalogue will reach many who have never had our seeds, we would urge such to send us a trial order, no matter how small, and, although you may be satisfied with seeds bought elsewhere, we believe our special strains of many of the newer varieties will make them as profitable to you as they have been to thousands of others who are now regular customers.

MARKET GARDENERS AND INSTITUTIONS: Wanting to purchase seeds in unusually large quantities will please write for special prices. Although we have made prices very low in this Catalogue, yet, where several pounds are wanted, we can frequently supply at a lower price than by the single pound.
ASPARAGUS.

Asparagus is one of the earliest Spring vegetables, and would be in universal use were it not for the prevalent idea that it is difficult to grow it. We think this is a mistake, and that there is no vegetable on our list that can be produced so cheaply and easily as this. Directions for planting and culture will be found in our book of $100 Price Essay, sent free with all orders of $3 and over from this catalogue. A bed 12 x 40 feet, requiring about 100 roots, plants, should give an abundant supply for an ordinary family. One oz. seed will sow forty feet of row; 7,200 roots will plant an acre.

ARTICHOKE.


ARTICHOKE ROOTS for large feet will be found under Farm Seeds. Pck., $1.00; bush, $3.00; bbl., $7.50.

BEANS, Dwarf or Bush.

One quart will plant 100 feet of drill; two bushes will plant an acre in drills.

Please remember that our prices on all Beans by the pint or quart include preparation of postage by us. If ordered to be sent by express or freight, 8c. per pint or 15c. per quart may be deducted.

BEANS, Dwarf Green Podded Sorts. LARGE PACKETS OF ANY VARIETY 10c. EACH, POSTPAID.

NE PLUS ULTRA. This bean differs from all the other varieties in both seed and habit of growth. It is very early, growing very dwarf and compact, and producing its magnificent long pods in such great profusion as to completely hide the bush. It is very hardy, of fine delicate flavor, most productive and excellent for forcing. Pint, 25c.; qt., 60c.

Early Red Speckled Valentine. The well-known old standard sort. Pint, 20c.; qt., 40c.; post-paid; peck, $1.25; bush, $4.50.

Ramp, or First of All. One of the earliest green podded sorts, very desirable when young. Pint, 20c.; qt., 40c.

Early Mohawk. The hardiest of the early varieties, and will endure a light frost; largely planted in the South. Pint, 20c.; qt., 50c.; peck, $1.00; bush, $1.00.

Refugee, or Brown Valentine. Very productive and will stand a slight frost; a fine string or pickling bean. Pint, 20c.; qt., 40c.; peck, $1.50; bush, $4.50.

WHITE VALENTINE. A very early and prolific bearer, resembling the Red Valentine, except in color of the bean itself, which, being white, makes a fine shell bean. Pint, 20c., qt., 40c.; peck, $1.25; bush, $4.50.

NEW UNION WHITE VALENTINE.

Perhaps no greater improvement in dwarf beans has ever been accomplished than in this variety. It originated in Jefferson County, N. Y., with one of our largest bean growers, and, as its name implies, is a complete union of all good qualities necessary to make a dwarf green-pod bean perfect. It is much earlier and of a dwarf habit than the old White Valentine, the pods being romner, smoother, plumper and more meaty and entirely stringless. Among many others it possesses the peculiarity of pods quickly remaining in a tender cooking condition longer than any other green-podded variety. This, together with its extreme earliness—being fit to pick in thirty days from time of germination—makes it an exceedingly valuable sort for spring or fall planting. The beans, when ripe, are pure white, thus enabling the grower to sell them as asparagus beans at a profitable figure in case he cannot sell them in the green state. We do not hesitate to recommend this new sort as one of the best in our entire list. Pkt., 10c.; pint, 25c.; qt., 50c.; peck, $1.75; bush, $6.00.

BARR'S PHILADELPHIA MAMMOTH ASPARAGUS.

BARR'S PHILADELPHIA MAMMOTH.

Since our introduction of this grand variety a few years since it has been almost impossible for us to grow sufficient seed and roots to fill orders, so great has been the demand. It originated some years ago with Crawford Barr, of Montgomery Co., Pa., a prominent market gardener. Grown side by side with the Conover's Colonial, and subject to the same treatment, it comes in earlier and grows more than twice as large. It is very productive, throwing up a great number of strong, well-developed shoots throughout the entire season. It is tender to the stem and of delicious flavor, which, together with the fact that it requires much less labor in cutting and bunching; thus lessening the expense of marketing, makes it the most desirable of any kind yet introduced for the market gardener. It has attracted much attention in the Philadelphia markets, where it is much sought after and sells at double the price of any other sort. We have seen a bunch of twenty-five edible shoots weigh thirteen pounds. It is now grown by many of the leading market gardeners of Philadelphia, Chester and Montgomery Counties with great profit.

Price of seed: Pkt., 10c.; oz., 25c.; lb., 40c.; bbl., $1.50. Price of good strong roots: 1 year old, $1.25 per 100 (by mail, $1.50 per 100); 6s. 99 per 1,000; 2 years old, $1.50 per 100; $7.00 per 1,000; (500 roots per 100 rate).

PALMETTO ASPARAGUS.

Attention was first called to this new asparagus by Mr. John Nix, a large vegetable grower of South Carolina, where it is supposed to have originated. It is now quite extensively grown by a few Southern gardeners for New York and Philadelphia markets, where it sells at very high prices, owing to its mammoth size, evenness with regularity in growth and appearance. An average bunch of fifteen shoots will measure thirteen to fourteen inches in circumference. For the past three seasons this asparagus has reached Northern markets ten days ahead of all other varieties and is sold at fabulous prices.

Conover’s Colonial. A well-known, good, productive variety. Seed: Pkt., 5c.; oz., 15c.; 1/2 lb., 25c.; lb., 50c. Roots: 1 year old, 90c., per 100 (by mail, post-paid, $1.15 per 100); $4.50 per 1,000; 2 years old, $1.00 per 100; $5.00 per $1,000 by express or freight.

NEW PALMETTO ASPARAGUS.

Even after other varieties had come in. Although of Southern origin it is equally well adapted to both North and South. Price of seed: Pkt., 10c.; oz., 25c.; 1/2 lb., 30c.; lb., 50c. Price of strong roots: $1.50 per 100 (by mail, $1.75 per 100); $7.50 per 1,000; 500 roots at 100 rate.
NEW IMPROVED ROUND POD EXTRA EARLY RED VALENTINE BEAN.

This is unquestionably the very best and earliest green snap-short bean for the market gardener. It is at least ten days earlier than the Early Red Valentine, and is usually ready to pick thirty-five to forty days from the time of planting. The habit of the vine is dwarf, the pods are smooth, round, stringless and very thickly set, remaining green and tender a long time after they are fit to pull. The strain we offer will be found unusually prolific, and to hold the pods well up from the ground. Vines very uniform, making little or no top growth, setting its fruit all low on the bush, ripening very uniformly, and producing enormously. Pkt., 10c.; pint, 30c.; qt., 50c., post-paid. By freight or express, qt., 35c.; peck, $1.50; bush, $5.50.

IMPROVED RUST-PROOF GOLDEN WAX BEAN.

From our trials of this splendid new variety, which is accurately shown in the above illustration, we believe that it must, when fully known, entirely take the place of the well-known Golden Wax, which has for many years been a great favorite with both market gardeners and private planters. It originated with Mr. Fred. Williams, one of the largest bean growers of New York State and from whom we have obtained our seed. Descriptive of this new bean, we can hardly do better than quote the following, from a letter written us by Mr. Williams, the originator.

"The Improved Rust-Proof Golden Wax is the handsomest and hardiest of all the Wax Beans. The pods are straight, long, and thicker than the Golden Wax, much superior in quality and absolutely rust-proof. It outyielded the Golden Wax two to one the past two seasons, and I think it will become the most popular of all Wax Beans."

Every claim made in the above was fully substantiated the past season, not only in our own trials, but in those made by several of our best market gardeners, who have given it a trial. We hope no progressive gardener will omit planting it this season. Pkt., 10c.; pint, 30c.; qt., 50c., post-paid by mail. By express or freight, qt., 35c.; peck, $2.00; bush, $7.50.

YOSEMITE MAMMOTH WAX BUSH BEAN.

This splendid new bean has been so named on account of its enormous size. The pods frequently attain a length of ten inches, with the thickness of a man's finger. The pods are nearly all solid pulp, the seeds being very small, when the pods are fit for use. Pods are a rich golden color and absolutely stringless, cooking tender and delicious. It is enormously productive, as many as fifty of its monster pods having been counted on one bush. Pkt., 10c.; ½ pint, 30c.; pint, 50c.; qt., $1.00, post-paid.
BEANS (Dwarf Green Potted Sorts)—Continued.

**NEW EXTRA EARLY REFUGEE BEAN.**

This entirely distinct new bush bean has all the first-rate qualities of the well-known Refugee, but will be ready for the market or table at least ten days earlier. One of our most extensive market gardeners near New York City says he has planted it in the spring, gathered the ripe crop, and again planted it in time for fall picking. It is an immense yielder and sure to produce a crop in either a wet or dry season.

Pkt., 10c.; pint, 25c.; qt., 40c.; peck, $1.25; bush., $8.00.

**Early Long Yellow Six Weeks.** Hardly, prolific and of good quality. Pint, 20c.; qt., 40c.; peck, $1.00; bush., $4.00.

**Early China Red Eye.** Of good quality, used as a string or shell bean. Pint, 20c.; qt., 40c.

**BEST OF ALL.** This newly introduced dwarf bean is, as its name indicates, one of the best. It originated in Germany, with long glossy pods about twice as long as those of the Valentine, very tender and succulent and an enormous producer, very popular in the South.

Pint, 25c.; qt., 40c.; peck, $1.00; bush., $3.00.

**Broad Windsor.** An English bean, valuable from its habit of ripening unequally, some pods being full while others are in various stages of filling. Pint, 30c.

**BEANS, Dwarf Wax Sorts.**

**LARGE PACKETS 10c. EACH, POST-PAYD.**

**NEW GOLDEN-EYED BUTTER WAX.** One of the earliest and best Dwarf Wax Beans for either market or family garden. See colored illustration on back of this book.

Pkt., 10c.; pint, 40c.; qt., 75c.

**NEW BLACK-EYE WAX.** This is one of the earliest wax beans we have tested. It is a cross between the Golden and Dwarf Black Wax. Yields medium size, erect, bearing its pods near the center. Leaves large, thin, quite dark green in color. Pods long, straight, rounder and of a lighter color than those of the Golden Wax. They cook quickly both as snap and as shell beans. Dry beans, medium size, long, round, white, with black spot around the eye.

Pkt., 10c.; pint, 30c.; qt., 50c.; peck, $1.75; bush., $6.50.

**NEW SADDLE-BACK WAX.** This new bean is so named from its peculiar form of pods, which on the back are very broad, flat and indented with a crease, giving them a decidedly novel shape, not found in any other bean. They are extremely hardy and productive.

Pkt., 10c.; pint, 30c.; qt., 60c.

**NEW PROLIFIC GERMAN, or CYLINDER BLACK WAX BEAN.**

This is an entirely new and improved strain of the old favorite German or Black Wax Bean, originated by Mr. John P. Boese of Genesee County, N. Y. We find it very superior to the old strain, being much earlier and more tender and succulent; the pods are perfectly round, straight, longer, and of an even rich golden color. Our stock is grown for us by the best of seed men and is hardy, vigorous, and thoroughbred.

Pkt., 10c.; pint, 30c.; qt., 50c.; peck, $1.75; bush., $7.00, by freight.

**GRISWOLD'S EVERBEARING WAX BEAN.**

In this new bean, which we offered last season for the first time, we believe we have the most valuable everbearing family garden ever offered. It originated with Thomas Griswold, the well-known Connecticut seed grower. Our illustration, made from Nature, gives some idea of its wonderful productiveness and handsome, round, yellow pods, which are thick, fleshy, entirely stringless, growing six to seven inches in length, and exceedingly rich butty and fine flavored when cooked. Their greatest value, however, is in their everbearing character, beginning to bear early and continuing to produce their magnificent pods in great abundance throughout the entire season, and long after other varieties are done.

We counted this season many single vines with eighty to ninety pods ready for picking, and a mass of blossoms on the same vine at the same time. The stalk is stiffer and branches out more than other bean, hence they should never be planted less than ten inches apart in the rows. The beans are a fine kidney shape and very distinctly marked.

Pkt., 10c.; pint, 40c.; qt., 75c.; peck, $3.00.

**WARDWELL'S EARLY DWARF KIDNEY WAX.**

This new variety, introduced by us three years ago, has more than exceeded our most sanguine expectations, and has given unbounded satisfaction wherever tried. Leading market gardeners are unanimous in saying it is the earliest, hardiest, most productive and salable yellow wax bean they ever grew.

The most valuable point, however, in its favor is that it has not yet shown the slightest indication of rust or spot, no matter where or under what condition grown. It is greatly superior to the well-known Dwarf German Black Wax or Golden Wax sorts in every respect, being nearly a week earlier and yielding a third as many pods. The seedlings are naturally vigorous, hardy and productive; the pods are very large, smooth and showy, and will make fine peas until the first frost; but will not be refused; they are tender, perfectly stringless and of unusually fine quality. The entire pod assumes a rich golden color at a very early stage of growth. A very important feature which no other sort does. The dry beans are white, with two shades of reddish purple more or less visible, and a distinct kidney shape. Prepared for the table it has a fine beanlike flavor, and is destined to become the leading snap bean, as well as a strongly endorsed winter shelled sort.

Pkt., 10c.; pint, 25c.; qt., 35c.; peck, $1.75; bush., $5.00.

**SCARLET AND VIOLET FLAGEOLET OR PERFECTION WAX BEANS.**

These varieties were brought from Germany several years since; as grown there the Flageolet Wax consists of a mixture of two varieties—one with light scarlet beans, while those of the other are much darker red. In both of these varieties, the growth of vine and pods do not differ very materially. Both have very vigorous, strong-growing vines, bearing very large, long, flat and tender wax-like pods. Their immense size and beautiful color make them very attractive in the market. For some years a few of these beans have been offered in market, and have always commanded nearly double the price of common wax beans, and although not quite so early as the previous varieties, the Scarlet Flageolet is a little the earlier and more productive, but the Violet has larger pods. These two varieties as offered by us are quite distinct, and are definitely by us, in the matter of selection. They are offered by some seedsmen under other names, as "Scarlet" and "Perfection." We recommend them as among the largest and most showy dwarf wax beans in cultivation.

**SCARLET FLAGEOLET WAX.**

Pkt., 10c.; pint, 30c.; qt., 40c.; peck, $2.50; bush., $8.00.

**VIOLET OR PERFECTION WAX.**

Pkt., 10c.; pint, 30c.; qt., 30c.; peck, $2.00.
BEANS (Dwarf Wax Sorts)—Continued.

Crystal White Wax. A new bush bean with waxy, transparent pods of very rich flavor, stringless, succulent and tender; the pods, though quick to develop, are slow to bloom. Pkt., 30c.; qt., 90c.; peck, $1.50.

NEW DATE WAX. An entirely new and distinct dwarf German Wax Bean. Its long, yellow, stringless pods, six to eight inches long, one-half inch thick, are produced in great profusion. It is one of the earliest of the wax varieties, and a very valuable acquisition. Pkt., 10c.; pint, 50c.; qt., 90c.; peck, $1.50; bush, $6.00.

GERMAN BLACK WAX. A well-known and popular variety; pods when fit for use are waxy yellow, tender and productive. Pint, 25c.; qt., 50c.; peck, $1.50.

NEW DETROIT WAX. This is an early variety, the vine being very vigorous and upright in growth, very productive. The pods are fit for use about the same time as the Golden Wax, but resemble those of the White Wax in shape, although much larger and deeper yellow color. They have the remarkable quality of standing a long time after picking without rusting or other deterioration. They are very fleshy, and when cooked have a very rich flavor. Pkt., 10c.; pint, 25c.; qt., 50c.; peck, $1.75; bush, $6.50.

Ivy Pod Wax. Pods large, long, bright and stringless. As a bush bean for winter use it is superior to the Marrow. Pkt., 25c.; qt., 50c.; peck, $1.75.

VARIETIES FOR SHELL BEANS. Large packets, 10c. each, post-paid.

HENDERSON'S NEW BUSH LIMA BEAN.

BURLINGAME MEDIUMS. This is the leading field bean grown in Central New York. Many thousand bushels are grown each season on the Genesee Flats, and the harvest of the crop that is sent to the acre is not an uncommon yield. The beans are nearly white in color and do not stain the mouth or coat. Burlingame Mediums are much sought after by dealers everywhere, and always command top-notch market prices. Pkt., 10c.; pint, 25c.; qt., 90c.; peck, $1.10; bush, $4.50.

NEW SNOWFLAKE FIELD. This valuable new variety, introduced three years since, has given wonderful results. It has proven very much earlier and more prolific than either the common Pea Bean, or Prolific Early Bean, which it resembles somewhat in appearance. The plant grows upright, holds its pods up from the ground. They are round in thick clusters, and ripe at once, as many as eighty well-filled pods appearing on a single vine. The leaves are very large, and the plants, with other varieties, thus opening the pods to the sun. We believe it will eventually supplant all other varieties of White Pea Beans. Pkt., 10c; pint, 25c.; qt., 40c.; peck, $1.25; bush, $4.50.

PROLIFIC TREE, valuable variety for field culture, growing about twenty inches in height, branching out. In all directions, bearing its pods so high that they do not touch the ground. They have yielded at the rate of nearly one hundred bushels to the acre. They resemble the common Navy Bean, more round at the ends and white, cooking in less time. Pkt., 25c.; qt., 90c.; peck, $1.10; bush, $4.00.

Canadian Wonder, or Rose Bean. Of very dwarf habit. Pods tender and delicious, growing long, frequently fifteen inches, and producing abundantly. Pkt., 25c.; qt., 90c.

BOSTON FAVORITE, or GODDARD. This new variety is destined to entirely take the place of the Dwarf Horticultural. It bears handsome large red pods, which are very tender and succulent as a string bean. It is also very valuable as a shell bean. Pkt., 25c.; qt., 50c.


Royal Dwarf, or White Kidney. Among the best as a winter bean. Pkt., 25c.; qt., 50c.; peck, $1.10; bush, $4.00.

White Marrowfat. Extensively grown for sale as a dry bean for winter use; excellent shelled, either green or dry. Pkt., 25c.; qt., 50c.; peck, $1.10; bush, $4.00.

White Navy, or Pea Bean. A well-known standard sort for field culture. Seed white, nearly round. Very productive. Pkt., 30c.; qt., 50c.; peck, $1.30; bush, $4.00.

POLE OR RUNNING BEANS.

Bear in mind that our prices on beans by the pint and quart include postage. Customers who order them sent by freight or express can deduct 8c. per pint or 15c. per quart from these prices.

Large Packets, 10c. each, post-paid.

CREASE-BACK, or BEST OF ALL POLE. A well-known and highly esteemed Southern variety. Very early and productive. Forms very full, round pods, distinctly creased along back, hence its name. Pkt, 30c.; qt., 50c.

NEW GOLDEN WAX FLAGLEOET. This magnificent New Pole Bean, from Germany, is also very early in ripening, being ready to harvest about the same time that the Brick is ripe. The pods grow seven to eight inches long, round, fleshy, and of the finest quality, being exceedingly tender and succulent. The vine begins to bear when quite young, continuing to grow and bear most profusely the entire season. It is worthy of the highest praise, and we hope every customer who orders beans will include at least a packet of this new variety, as it is sure to please. Pkt., 10c.; pint, 50c.; qt., 20c.; peck, 90c.; bush, $1.80; peck, $2.20; by express.

EXTRA EARLY GREEN CLUSTER. This new bean is almost as well known as the Bush variety. The pods are green while the beans are white and nearly as large as the Lima, and when ready possess a rich flavor of that variety to such an extent that it is difficult to distinguish them from Limas. They are frequently fit for the table before Lima Beans commence to blossom. They are very productive and continue in bearing a long time.

To do no discredit to this variety the Early Cluster Green Wax Pole Bean, which is used as a snap-shot. Pkt., 10c.; pint, 30c.; qt., 50c.; peck, $2.50.
THE CREAM OF THE LIMA BEANS

Ford's New Mammoth Podded Lima

This grand new Lima Bean, first introduced by us, is the result of over twenty years' selection by one of the oldest and most successful market gardeners around Philadelphia, whose name it bears. No novelty we have ever offered cost us so much money to obtain seed stock, and even at the fabulous price offered Mr. Ford for his entire stock, he hesitated before accepting it, but finally accepted our offer. Its great value can be realized when we say from our own personal knowledge that it far surpasses in mammoth size, great productiveness and in the quality such excellent varieties as the King of the Garden, Salem Improved and other finest sorts. The pods grow to an average length of eight inches, as shown in the accompanying illustration, containing from five to seven large beans per pod, of the most excellent quality, for using either in the green or dry state. The vines grow strongly, setting the beans early at the bottom of the pole, and continue in bearing right up to frost. Ford's Mammoth Podded is the largest podded, finest flavored and most productive of all Lima Beans. Pkt., 15c.; pint, 60c.; qt., $1.00, postpaid; by freight or express, qt., 85c.; 4 qts., $3.00; peck, $5.00.

Stokes' Evergreen Mammoth Podded Lima Bean.

In this new Lima, offered last Spring for the first time, we have the result of several years' patient selection from out Salem Mammoth, which, as is well known, is the largest in size of bean of all other Limas. The Stokes' Evergreen Podded is the only bean that holds the full size double but only. It is the finest and great productiveness of the Salem Mammoth, but has the very remarkable and additional quality of holding entirely the deep green color of the marble or green stage in all stages of growth and even when dry and shelled, thus giving the dry beans when cooked for use during the winter and spring months not only the entire green appearance but also the delicious flavor of beans just pulled or fresh from the vine. This valuable evergreen quality is now fixed and thoroughly bred in this variety, as in the product of our own stock of four acres this season there was not a bean that showed the least whiteness when threshed out, retaining their beautiful deep green color and superb flavor when cooked. Could a more valuable acquisition in Lima Beans ever be wished for? Seed scarce. Pkt., 10c.; qt., $1.00, postpaid; qt., 85c.; 4 qts., $3.00, by freight or express.

Jersey Extra Early Lima Bean.

Four years' careful comparative tests by several of our most prominent Lima Bean growers has proved this selection to be fully ten days or two weeks earlier than any other. The pods are large and numerous, invariably having from four to six beans of a pleasant shade of green in each pod. These beans for the past few seasons have appeared in Philadelphia markets about two weeks ahead of all other Lima Beams selling at from $1.50 to $1.75 per bushel. We advise all our customers who grow for market and want a "profitable thing" in Lima Beans to plant this sort largely. Pkt., 10c.; pint, 25c.; qt., 60c.; postpaid; qt., 48c.; 4 qts., $1.50; peck, $2.75; bush., $10.00, by express or freight.

King of the Garden Lima.

This new Lima Bean has fully sustained the strong claims made for it. They are vigorous growers, setting their beans early at bottom of pole, producing continuously to the end of the season. They are more prolific than the ordinary Lima, bearing their pods five to seven inches long in clusters of four and five, with five to six beans in each pod. Pkt., 10c.; pint, 25c.; qt., 60c.; postpaid; qt., 48c.; 4 qts., $1.25; peck, $2.50; bush., $9.00.

Dreer's Improved or Challenger Lima.

Very productive and of superior quality; when green they are nearly as large as the Large Lima, thicker, sweeter and more tender and nutritious, remaining good in the pod for a long time after maturing. Pkt., 35c.; qt., 55c.; peck, $2.50.
This new bean, named and introduced by us three years since, has created a decided sensation among bean growers. Nothing we have ever introduced has brought us so many unqualified letters of the strongest praise from all parts of the United States. Hundreds pronounce it emphatically the most valuable pole variety ever offered. It originated at Andalusia, Bucks County, Pa., with a celebrated bean grower. Our illustration, made from Nature, gives some idea of their wonderful productiveness, and it being nothing unusual to pick one-half bushel to three pecks from a single vine at one picking. The pods are five to six inches long, thick, very fleshy and entirely stringless, for surpassing all other varieties in this respect, and retaining these important qualities until almost ripe. The pods when fully grown are from five to six inches long, exceedingly rich, buttery and fine flavored when cooked. The vines cling well to the poles, a very important feature, as on account of their enormous productiveness, the weight of a vine filled with such a mass of large pods is very great. They commence bearing their magnificent pods in great abundance when the vines are quite young, and continue to bear profusely the entire season. The beans when dry are round as a bullet, pure white in color, and also make a fine shell or winter bean. In great productiveness, fine quality and ever-bearing character they stand unequalled by any other pole bean in the world. Large pkt., 15c.; pint, 40c.; qt., 75c.; post-paid; qt., 90c.; 4 qts., $1.00; peck, $3.50, by freight or express.

LAZY WIFE’S POLE. This fine pole bean, introduced by us a few years since, has become a great favorite. The pod pods grow from four to six inches long, entirely stringless, and of a rich buttery flavor when cooked. The pods remain green, and retain their tender, rich, the beans fatter until nearly ripe. The beans are waxy white, and are unsurpassed as shell beans for Winter use. They are pronounced by all who have grown them the best green podded snap-short Pole Bean in cultivation. We cannot recommend this bean too highly. Pkt., 10c.; pint, 35c.; qt., 60c.; post-paid; qt., 90c.; 4 qts., $1.40; peck, $2.75, by express.

EARLY GOLDEN CLUSTER POLE BEAN. This new variety leads all other pole varieties in earliness. It is distinct in seed, color, and habit of growth. The pods retain their tenderness and plumpness long after the beans have attained a large size, so that only a few days elapse after they cease to be fit for string beans before they are fit to shell. The pods are a beautiful waxy yellow, and are from six to eight inches long, borne profusely in clusters of four to six. Commencing to bear ten days after the Dwarf Golden Wax, it continues to produce an abundance of pods until frost sets in. Pkt., 10c.; pint, 30c.; qt., 55c.; post-paid; qt., 80c.; 4 qts., $1.40; peck, $2.50, by freight or express.

SALEM IMPROVED LIMA. A selection from the large Lima Beans, of extraordinary size and generally of a deep green color. Pkt, 5c.; qt., 60c.; peck, $2.75.

Large White Lima (Extra Selected Size). One of the best of the Pole Beans, either green or dry. Pint, 20c.; qt., 50c.; 4 qts., $1.25; peck, $2.25; bushel, $8.00.

Carolina or Sewee. Similar to Large Lima, producing beans about half the size, but more productive. Pint, 30c.; qt., 50c.; peck, $2.00.

Dutch Case-Knife. One of the earliest and most productive used, shelled, green or dry. Pint, 30c.; qt., 40c.

SOUTHERN PROLIFIC or KENTUCKY WONDER. A splendid, vigorous and productive variety. Pods in clusters, succulent and delicious; matures in seventy days from germination, bearing until frost. Pint, 25c.; qt., 40c.

Scarlet Runner. Clusters of beautiful scarlet flowers for ornament and table use. Pint, 30c.; qt., 50c.


French Asparagus. We imported our original seed of this variety from France, where it is most popular. The pods are tender, of a beautiful green, growing from two to four feet in length, making them a great curiosity. Pkt., 10c.; pint, 40c.; qt., 50c.

Horticultural or Wren’s Egg. An old favorite; equally good raw or cooked. Pint, 25c.; qt., 40c.

Giant Wax. (Red Seed.) Pods from six to nine inches long, thick and fleshy, of a pale yellow color and waxy appearance; very productive. Pint, 50c.; qt., 60c.
BEETS.

One ounce will sow sixty feet of drill; five lbs. will sow an acre in drills.

Note: Wherever our prices are for seeds post-paid by mail, if ordered by freight or express at purchaser’s expense, 8c. per pound should be deducted.

This variety, originally from Germany, is a great acquisition to our list of turnip beets. Much of the imported seed sold in this country has been badly mixed. We are glad to say, however, that we have always grown it in its original purity, and our seed has always given the greatest satisfaction among our market gardeners. It is as early as the Egyptian and much more desirable, owing to its globe shape, great smoothness and regularity, having a firm small top, very sweet, fine flesh and dark blood color. It is very desirable for market gardeners on account of its extreme earliness.

Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., 75c.

EXTRA EARLY EGYPTIAN BLOOD TURNIP. A standard sort, ten days to two weeks earlier than the old Blood Turnip. Owing to smallness of the top it can be packed very close. It is of fair quality and medium size; fine for forcing. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 60c.

Improved Early Blood Turnip. A selected strain and one of the best, in blood red, tender and has a good late keeper. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 60c.

EDMUND’S EARLY RED TURNIP. A splendid new variety originated near Boston. While not as early as the above varieties, it has many fine qualities to commend it strongly to market gardeners, being the most uniform of all turnip beets. It is of handsome, round shape, as shown in the above cut, of good marketable size and deep blood color. It does not grow very large or coarse, has a very small top and can be grown very closely together. Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., 75c.

LENTZ’S EXTRA EARLY BLOOD TURNIP. We were the first to offer this valuable variety to the public. It originated with the Lentz family, who are among the best market gardeners about Philadelphia. They have carefully kept this variety among a few, to which they have added a source of great profit. We recommend it as containing all the excellent qualities of an early beet with the added excellence of the Egyptian, but larger and of better quality, of fine dark red color, tender and sweet at all times whether old or young. It has a very small top and will produce a crop in six weeks from time of planting the seed. It is very productive and a perfect keeper. Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., 75c.

Extra Early Hassano. Flesh white and rose very sweet and tender. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 60c.

MITCHELL’S PERFECTED EARLIEST RED TURNIP BEET. A new home variety first catalogued by us last spring. It has the earliness and small top of the Egyptian, is said to be of better quality. Very popular with Philadelphia market gardeners. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., $1.00.

BASTIAN’S HALF-LONG BLOOD. In color, shape and size it is all that can be desired in a beet; a favorite variety for winter use, and largely planted by market gardeners. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 65c.

ACME SECOND EARLY. A new variety of handsome, round shape, the skin and flesh is very deep blood red in color and exceedingly sweet and tender in quality. The beets grow regularly of good marketable size. It has a medium short top, the leaf is a very dark red shading at times to almost a black color. It is not only valuable for second early, summer and autumn use, but it is a pre-eminent fine sort for planting in July, to be kept in pits for winter and early spring sales. No market gardener who enters for local trade can afford to be without this highly valuable new sort. Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., 90c.

PHILADELPHIA PERFECTION. This variety is the result of several years critical selection by a prominent market gardener; of half-long shape, deep blood red color, with a deep, rich, crimson foliage, fine grained, tender, sweet and juicy. It is of very quick growth, and is not only good for early use but also for fall and winter, being an excellent keeper. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 75c.

Long Blood Red. A good late variety for fall and winter use. Pkt., 5c.; oz., 10c.; 1/2 lb., 15c.; lb., 45c.

Saratoga Early Blood. Cultivated for its leaves; the mid-ribs is swelled and served as asparagus, and the other portions of the leaf as a spinach. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 75c.

MANGEL AND SUGAR BEETS.

STOCK-FEEDING VARIETIES.

The attention of farmers to the growing of roots for feeding stock has increased rapidly in the past few years, judging from the increased sales of our selected seeds, which now reaches several tons annually. The wonderful results are plainly shown in the health and general condition of the animals, and the increased yield of milk in cows.

They should be sown from April to June, in drills two feet apart, and thinned so that they will stand one foot apart in the rows. Keep well cultivated, and you will have an abundant crop of roots for winter use.

From five to six pounds of seed required to the acre. In quantities of five pounds and over, by freight or express, 15 cents per pound, maybe deducted from prices per single lb.

CARTER’S MAMMOTH PRIZE LONG RED MANGEL. A celebrated variety, sometimes called Jumbo and Colossal. It is grown extensively for agricultural purposes, producing large roots, partly above ground. A very heavy cropper, frequently producing forty to fifty tons to the acre; growing enormously in size, but of fine texture and quality. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 50c.; post-paid; 5 lbs. and over, by express, 25c. per lb.

GOLDEN TANKARD MANGEL. A distinct, new and valuable yellow-fleshed variety, said to contain a large percentage of sugar. It has already taken the lead of other varieties in England, and is much relished by milk cows and sheep. In shape it is broader than the Long Red, but not so long; exuding juice earlier than other large sorts. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 50c.; post-paid; 5 lbs. and over, by freight or express, 35c. per lb.
The Chirk Castle Mangel.

Our attention was first called to this prodigious variety a few years since, while visiting Scotland. We were at first inclined to doubt the statements of the Scotch farmers regarding the enormous weights and yields of this variety, but on our return to Scotland, after visiting the continent, six weeks later, we found them harvesting the crops, and to our astonishment these statements were fully verified. We saw hundreds of specimens taken from the field, weighing over sixty lbs. each, while whole crops averaged thirty-eight to forty lbs. per root, producing a yield of over sixty tons to the acre. We immediately secured seed stocks and arranged with an English grower to plant it. The length is about the same as Carter's Mammoth Long Red, but it is remarkable for its massive shape and broad shoulders, its diameter being more than twice as great, and its weight very much heavier than this celebrated variety. The flesh is red, of very fine texture and quality, containing less water and more sugar than any other mangel, making it more nutritious and milk-producing, enabling the Scotch Dairy farmers to obtain a higher price per gallon for milk from cows fed on this mangel. Their sheep also thrive better when fed on this variety, picking out pieces of it in preference to other kinds when feeding. We consider this variety by far the most valuable and profitable of all the stock-feeding beets yet introduced. Per pkt., 10c.; oz., 15c.; ½ lb., 35c.; lb., $1.00, post-paid; 5 lbs., (enough for one acre), $4.00, by express or freight.

New Golden Giant Intermediate Mangel.

This entirely new and distinct variety is a great improvement over the old Yellow Intermediate, being much larger and more even in shape, and of a beautiful yellow russet color. It grows more than half above ground, as shown in our illustration above, with fine neck and large leaves; flesh white, firm, sweet, greatly relished by cattle. In short it is a magnificent root, easily lifted from the ground, producing enormous crops; an excellent keeper, and the best yellow mangel known. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 60c., post-paid; 5 lbs. and over, by express, 50c. per lb.

Kinver Yellow Globe Mangel. Grows somewhat longer than the Golden Globe. Skin and flesh are very smooth and fine. It is enormously productive and of superb quality, much relished by all kinds of stock. Roots of this variety have been grown to weigh forty-five pounds. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 40c.; 5 lbs., $1.25.

Carter's Champion Warden Orange Globe Mangel. The best Yellow Globe in cultivation; orange-yellow root of large size and fine nutritive qualities, growing partly above ground; succeeds well on light land. Of beautiful shape, neat top, fine, clear skin, and of choice quality; a sure cropper and excellent keeper. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 40c.; 5 lbs., $1.25.

Long Red Mangel. Not as large as Carter's, but similar in quality. Pkt., 5c.; oz., 10c.; ½ lb., 40c.

Yellow Ovoid Mangel. Skin of a deep yellow color, and on account of its shape, being between the Long and Globe varieties, will surpass either, bulk for bulk. It is very nutritious, rich in saccharine matter, and productive. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 40c.


Lanes' Improved Imperial Sugar Beet. An improvement on the French Sugar Beet. Recommended as harder, more productive, yielding 20 to 40 tons per acre, and containing a greater percentage of sugar. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 40c.; 5 lbs., $1.50.

Vilmorin's Improved White Sugar Beet. An improvement on the old White Sugar, containing a much larger percentage of sugar. Pkt., 5c.; oz., 10c.; ½ lb., 40c.; 5 lbs., $1.25.

Silesian, or White Sugar Beet. Large size and grows considerably above the ground; fine for feeding. Cultivated in Europe for its sugar. Pkt., 5c.; oz., 10c.; ½ lb., 40c.; 5 lbs., $1.25.

Broccoli.

Early Purple Capes. Best for the North, producing compact brown-purple heads. Pkt., 10c.; oz., 40c.

Early Walerchen. Very large. Pkt., 10c.; oz., 60c.

Brussels Sprouts.

RELIABLE CABBAGE SEEDS
SELECTED AMERICAN GROWN STOCKS

THAT MARKET GARDENERS CAN DEPEND UPON.

There is nothing of greater importance to the market gardener than reliable cabbage seeds. We need say nothing to those who have purchased our cabbage in former seasons, as to them, its high quality is already known. To those who have never tried us, we can only say that our cabbage is all home grown, and every grain of seed produced is from carefully selected heads, and our stocks are unsurpassed in this country. We annually supply hundreds of the best market gardeners around Philadelphia, New York and other large cities of the Union. This fact alone is an evidence of high quality.

For full information read our $100 Prize Essays on Cabbage and Onion Culture, which we send free as a premium on all orders amounting to $3.00 and over.

Early and Summer Varieties.

One ounce of seed will produce about two thousand plants and soc a bed of about forty square feet.

LOUDERBACK'S ALL-YEAR ROUND CABBAGE. New and extra fine, equally good for early, intermediate or late. See Novelties, page 3.

EARLY JERSEY WAKEFIELD. (Extra Selected.) This variety is a most important one, because it is planted for the main early crop. While it is not so early as Johnson & Stokes' Earliest and New Wonderful, it will be found to be the very best sort to come in immediately after them. We offer the very finest strain of this valuable variety. Many of the leading market gardeners around Philadelphia, New York, Boston and elsewhere pronounce it "the very best they can get." Pkt., 16c.; oz., 30c.; 1/2 lb., 80c.; 1 lb., $1.00.

NEW LARGE OR CHARLESTON JERSEY WAKEFIELD. About five days later than Early Jersey Wakefield. Heads are fully one-half larger and quite solid. It is very compact in growth and can be easily planted in rows two feet apart and twenty inches in the rows. It does not burst open when ripe, like many other early sorts, and consequently can be left standing on the ground a long while without injury, until a favorable opportunity for cutting. See cut below. Pkt., 16c.; oz., 30c.; 1/2 lb., 80c.; 1 lb., $1.30.

SELECTED EARLY SUMMER. (Henderson's.) The illustration below gives the true shape and compact habit of our strain of this valuable sort. It is ten or twelve days later than the Early Jersey Wakefield, but much larger in size and will stand on the ground much longer without bursting open. In this respect it is much superior to Fottler's Brunswick. While the heads are much larger than the Early Jersey Wakefield, its very compact habit enables it to be planted almost as close. The heads are very hard and solid throughout and of fine uniform shape. Pkt., 16c.; oz., 35c.; 1/2 lb., 80c.; 1 lb., $1.15.

FOTTLER'S IMPROVED EARLY BRUNSWICK. A splendid second early and late sort; short stem, large, solid-headed variety. Pkt., 6c.; oz., 20c.; 1/2 lb., 50c.; 1 lb., $2.00.

EARLY DUMMHEAD. A second early, large, solid-headed variety. Pkt., 6c.; oz., 20c.; 1/2 lb., 50c.; 1 lb., $1.50.

ALL SEASONS. This new strain of Early Drumhead Cabbage was first offered to the public four years since, under the broad claim of being about as early as the Early Summer and growing much larger. Our best market gardeners say they find our claims are fully substantiated in every particular. It forms a fine, large, hard head, of superior quality, not bursting after heading; the heads are of great thickness, which make it a capital sort to keep through the winter. Pkt., 10c.; oz., 25c.; 1/2 lb., 60c.; 1 lb., $1.00.

VARY EARLY ETAMPES. This variety comes originally from France, where it is the earliest variety grown. Ripening a week later than Johnson & Stokes' Earliest, and coming in a few days ahead of Wakefield, which, previous to the introduction of Johnson & Stokes' Earliest, was considered the earliest of all. It forms a good, hard, pointed head, with a very short stem, growing close to the ground. Pkt., 6c.; oz., 20c.; 1/2 lb., 50c.; 1 lb., $1.50.

Early Drumhead. A second early, large, solid-headed variety. Pkt., 6c.; oz., 20c.; 1/2 lb., 50c.; 1 lb., $2.00.

POORNESS EARLY. A splendid second early variety. Pkt., 6c.; oz., 20c.; 1/2 lb., 50c.; 1 lb., $1.50.

FOULDRILL'S EARLY BUNNY. A standard second early market variety. Pkt., 6c.; oz., 20c.; 1/2 lb., 50c.; 1 lb., $2.00.

The following well-known varieties of cabbage are each 5c. per pkt.; oz., 5c.; 1/2 lb., 40c.; 1 lb., $1.40.

POORNESS EARLY. Extra Early York, Early Sugar Loaf, Imperial Oxheart, Early Large York, Early Betaun, Early Large swainfut.
Johnson & Stokes’ New Wonderful Cabbage.

When we introduced our now famous Johnson & Stokes’ Earliest Cabbage some years ago, we thought we had reached the top of the ladder of extreme earliness in the cabbage family. Encouraged by the phenomenal success of that variety, our motto always being “Onward!” induced us to try again, and by persistent selection for several years of the very earliest heads of that variety, we have produced a new and improved strain of our celebrated cabbage, which produces fair-sized, good, marketable heads in seventy-five to eighty days from sowing the seed, and outdoes it in earliness by six to ten days. This makes our New Wonderful Cabbage more than two weeks ahead of any known variety, except Johnson & Stokes’ Earliest. Market gardeners can, of course, realize what a bonanza this is to the pocket-book of a cabbage grower, in the spring markets. It does not, of course, form heads so large or solid a head as our Earliest, but in all other respects it fully equals it. It has few loose outer leaves, and every plant forms a good head. The head is well depicted in our Illustration above, taken from Nature. It will produce a larger crop than any other variety, from the fact that it can be planted closer together. For want of a more expressive name we have called it our Wonderful Cabbage, and believe that every customer who plants it will agree with us in pronouncing it a perfect wonder. Pkt., 10c.; oz., 40c.; ½ lb., $1.25; 1 lb., $4.00; 2 lbs., $7.50, by mail post-paid.

To know about the Best Cabbages in the world, read Testimonials on next page. Under “The Seeds for Market Gardeners.”

Johnson & Stokes’ Earliest Cabbage.

NOW IN THE SEVENTH YEAR OF ITS GREAT POPULARITY, WITH DEMAND GREATER THAN EVER BEFORE.

This now famous variety gives us greater satisfaction than any of our new introductions, and no one can possibly be disappointed with it. The demand for the seed the past three years has been really marvelous. We have supplied it to more than 6,000 market gardeners, among them some of the largest growers of cabbages in the U. S., and have received hundreds of letters pronouncing it the most profitable cabbage they have ever grown. We doubt if there has ever been a novelty introduced in America which has given such universal satisfaction, and been so highly commended in every particular, and in all sections. It is ten days earlier than Early Jersey Wakefield and French Etampes, which have heretofore been considered the earliest of all cabbages, and is unsurpassed in fine quality, great beauty and vigor of growth. Above engraving, made from a photograph, shows its exact shape, which is slightly conical, and remarkably large and solid. It has very few outer leaves, and will produce a greater crop, on the same area of ground, than any variety excepting The Wonderful Cabbage, from the fact that it can be planted closer together. It is by all odds the most desirable early cabbage ever introduced. No words of praise can be written that would recommend this most valuable cabbage too highly. Pkt., 10c.; oz., 40c.; ½ lb., $1.25; 1 lb., $4.00; 2 lbs., $7.50; 5 lbs., $18.00, by mail post-paid.
Johnson & Stokes' Market Gardeners' Cabbage, No. 2, was offered by us for the first time in the spring of 1889. It has given unbounded satisfaction in all sections and is pronounced by all prominent market gardeners who tried it the very best of all cabbages as a second early and summer market sort. See testimonials below.

The originator has for several years sold the seed to neighboring growers in Northern New Jersey at $2.00 per ounce until we purchased his entire crop of seed in 1887 and 1888. In it we have a cabbage so hardy and vigorous that it can be set much earlier than Jersey Wakefield or Early Summer and will produce fine solid marketable heads, more than twice as large as Jersey Wakefield and one-half again as large as Early Summer, and come in as early as the Wakefield, and two weeks earlier than Early Summer or any other round or flat-headed variety. Could anything more be wished for in an early market cabbage? On the other hand, when planted for a fall or winter crop, there is no other cabbage which will withstand the summer sun so well, and is sure to form large solid heads, the quality of which is equal to the best, and when stored for winter and spring use, will keep perfectly until very late in the spring, coming out in fine salable condition.

Such a cabbage is Johnson & Stokes' Market Gardeners' Cabbage, No. 2, and all who give it a fair trial will, after growing it, be as enthusiastic in its praise as we are. Try some of the best seed of the very best cabbage in cultivation. Pkt., 15c.; ½ oz., 40c.; oz., 75c.; ½ lb., $2.25; lb., $8.00.

C. H. ASPINWALL, Berlin, Conn., Sept. 1, 1890, writes: "All your seeds have given great satisfaction here. I especially recommend your J. & S. Wonderful and J. & S. Earliest Cabbage, they have proven all you claim for them in every particular. We were the first to have cabbage in this market away ahead of all others."

H. R. Rine, Centretown, Ind., writes: "My friends who procured through me your J. & S. Wonderful Cabbage all think it the earliest on earth; they all join me in praising its large heads, productiveness and fine quality."

F. A. BRADY, Conover, N. C., Sept. 10, 1890, writes: "Your Market Gardeners' Cabbage No. 2 beats them all, every seed grew and every plant made a large fine head. The J. & S. Earliest is by far the earliest cabbage I have ever grown."

GEO. D. BICKLERY, Sec'y Market Gardeners' Ass'n, Mobile, Ala., Aug. 7, 1889, writes: "I am greatly pleased with your Market Gardeners' No. 2 Cabbage. We had a very severe freeze here on March 1st, and all cabbage but yours was destroyed. Your No. 2 stood the trial and turned out splendidly; the best we have ever had."

W. L. OWENS, Jarvisburgh, N. C., Sept. 9, 1890, writes: "Your Johnson & Stokes' Earliest Cabbage stands at the head of the list in the cabbage family. I have planted no other for three years; they are extra keepers, and form a very large solid head in about 84 days from sowing, which are the hardest and earliest that I have ever grown; I want no other. Spanish King Onions are the largest and best."

J. Q. Adams, Lock Haven, Pa., Oct. 10, 1890, writes: "All seeds received from you have given great satisfaction here; your J. & S. Earliest Cabbage is a wonder. I planted this kind ten days later than other extra early varieties, yet under similar conditions, it came out away ahead of all the rest. The heads were large, fine, and very solid."

W. M. CARDELL, Elysburg, Pa., Oct. 1, 1890, writes: "Your seeds are always the best, true to name, and sure to grow. We have the finest cabbage in this vicinity, it is your Market Gardeners' No. 2. Sixteen to eighteen heads fill a barrel, the barrels weighing from 160 to 175 lbs. each."
JOHNSON & STOKES' SHORT-STEM DRUMHEAD for surpasses the old strain of Large Late Drumhead Cabbage, ripening earlier, with very short stock or stem, forming larger and thicker heads, of fine quality and the best of keepers. Owing to our long-continued selection for several years past, this variety is remarkable for reliability of heading; every one who plants it can expect at least ninety-eight large solid heads from every one hundred plants. Our customers in the South, and in all other sections where many varieties fail to head, will find the Short-Stem Drumhead a sure thing, and can depend on big crops every time. It heads the list of early and winter Drumheads. Pkt., 10c.; oz., 20c.; ½ lb., 50c.; lb., $3.00; 2 lbs., $5.75, post-paid.

Early Winningstadt Cabbage.

The Prussian Prize Stock. Many consider the early Winningstadt the very best for early market sales, as it invariably grows very hard and will head on soils where many other sorts fail entirely. Reliable stock is hard to get, as seedsmen usually import it from England and France. The seed we offer, however, is American-grown, acclimated and selected from the original Prussian Prize Stock. Those intending to plant this variety will find this strain far superior in earliness, size, solidity and great uniformity of heading to any other ever sold in this country. Pkt., 5c.; oz., 20c.; ½ lb., 60c.; lb., $2.00; 2 lbs., $3.75, post-paid.

Vandergaw Midsummer Cabbage

This valuable new variety is the result of many years' selection by Mr. Vandergaw, a noted Long Island market gardener. In some respects it resembles "Early Seasons," coming in about a week after Early Summer, making much larger heads than that well-known variety. Heads are very uniform in color and size, very solid, and in quality is all that could be desired in a midsummer and winter cabbage. Long Island cabbage growers have been annually paying Mr. Vandergaw $10 per pound for the seed, and it has never been offered before at a less price. Pkt., 10c.; oz., 30c.; ½ lb., 60c.; lb., $2.00.

NONE OTHERS CAN COMPARE WITH THEM.

Wm. P. Yuster, Bachmansville, Oct. 4, 1890, writes: "Your Matchless Flat Dutch and Short-Stem Drumhead are the best late varieties I ever raised, no others can compare with them."
CABBAGE.—Late or Winter Varieties.

GENUINE SURE-HEAD. This popular cabbage is rightly named Sure-Head, and never fails to make a remarkably fine, solid, large head, with few outer leaves, as shown in our illustration. It originated some years since with a practical market gardener, by crossing the Flat Dutch and Drumhead varieties, and has always brought the highest price in our markets. It is a strong, vigorous grower, ripening late for a main crop and very uniform in size and color. Our supply is grown from the original seed, some better to be had at any price. Pkt., 10c.; oz., 25c.; 3/4 lb., 75c.; lb., $2.50.

BRIDGEPORT DRUMHEAD. This is the standard shipping cabbage around Chicago, where local growers will raise no other, and have paid as high as $2 per pound for the seed in seasons when scarce. It makes a large, even, firm, round head, seldom rots or bursts and is unquestionably one of the finest shipping cabbages grown. Extra selected seed. Pkt., 10c.; oz., 25c.; 3/4 lb., 75c.; lb., $2.50.

PREMIUM FLAT DUTCH. This variety is largely grown for late or main crop, being the favorite winter market variety. Heads very large, solid and broad, with flat tops, of fine flavor and quality; very short stems. Pkt., 5c.; oz., 20c.; 2 ozs., 35c.; 1/2 lb., 60c.; lb., $2.00; 5 lbs. and over, by express, $1.75 per lb.

LARGE LATE DRUMHEAD. A favorite winter variety; extra large, solid heads; slightly later than the Flat Dutch. Pkt., 5c.; oz., 20c.; 1/2 lb., 60c.; lb., $1.75; 5 lbs. and over, by express, $1.50 per lb.

Johnson & Stokes' Matchless Late Flat Dutch Cabbage.

In this new strain of late cabbage, we believe we have combined every good quality essential to perfection. It is the result of several years' continued selection for our seed stocks of the most perfect and largest heads, with few stocks, and especially those that show greater earliness in heading, with few outer leaves and of very uniform color. By such persistent selection, year after year, we have a highly improved strain, pronounced by experienced cabbage growers and market gardeners, who, after three years' trial, now grow it in preference to all others for a main crop, the finest strain of late cabbage in the world. It grows larger and weighs heavier than any other variety, never fails to make a perfect, solid head, and is most uniform in size and color. We can honestly recommend this superior sort to all growers as standing alone and unequalled by any other late cabbage. Pkt., 10c.; oz., 30c.; 1/4 lb., $1.00; 1 lb., $3.00; 2 lbs., $5.50, by mail, postage paid.
NEW DIAMOND WINTER CABBAGE.

In the New Diamond Winter Cabbage, offered for sale last spring for the first time, we have a strain entirely distinct from any other, viz: a cross between Short Stem Drumhead and Danish Round Winter. Our customers well know the many valuable characteristics of the former, while as to the latter, it is a universally admitted fact that it is the best and finest solid most solid cabbage ever had grown in Europe. It has cost the originator, a prominent Long Island market gardener, seven years of constant and unremitting care to select and fix this truly fine type of winter cabbage.
The New Diamond Drumhead combines all these qualities so desirable to an experienced gardener to render a late cabbage perfect in every respect, viz: size, weight, quality, sure-heading and a long keeper. It grows very compactly, the stem is short and it can be planted closer together than any other late variety; besides this it does not crack open. The heads will average from 18 to 20 pounds in weight after they are trimmed for market; they grow very uniform in size and shape and present a handsome appearance to the eye. In fact, one head is almost an exact duplicate of the other. They are extra hard, solid, round and somewhat flattened on top; possess a fine, small rib and are always of the finest possible quality and a sure heading.

PRICES: Pkt., 10c.; oz., 40c.; 1/4 lb., $1.25; lb., $4.00.
ROYAL DRUMHEAD. This splendid variety, from Germany, has already become a standard late sort among market gardeners. It grows a beautiful, solid, round, compact head, with bright green foliage and short stem, ripening a few days earlier than our Premium Flat Dutch. Pkt., 10c.; oz., 20c.; 1/4 lb., 50c.; lb., $1.00.
Marblehead Mammoth Drumhead. The largest variety grown. Pkt., 5c.; oz., 20c.; 1/4 lb., 50c.; lb., $2.00.
Stone Mason. A large, solid, tender, free-heading variety. Pkt., 5c.; oz., 20c.; 1/4 lb., 50c.; lb., $2.00.

EXCELS EVERY KNOWN VARIETY.

C. D. Warfield, Baldwin, Md., Oct. 6, 1880, writes: "Your Matchless Flat Dutch and Sure-Head Cabbages have given me the fullest satisfaction. Under very unfavorable circumstances, they turned out the best I ever raised, in crops, quality and profit.

OUR PRICES LOWER THAN OTHERS.
Geo. H. Newson & Son, Holstein, Wis., Oct. 15, 1880, write: "We wish to testify to the superior excellence of the seeds we have purchased from you, as they have given the best satisfaction. We also note that your prices are lower than most other homes.

NOT TO BE HAD ELSEWHERE.
Esham Barnard, Dighton, Oct. 7, 1880, writes: "We find we cannot get elsewhere such excellent seeds as yours, and we all recommend your Alabaster Cauliflower as the finest I ever saw. Your various strains of cabbages are the finest in existence."

OUR WHITE PLUME CELERY THE BEST.
James H. Jones, Leedington, Mich., Sept. 29, 1880, writes: "Your seeds have all proven first-class; your White Plume Celery is the best and purest I have ever tried; a month earlier than any I have ever tried, and is much more easily bleached than other strains."

CAULIFLOWER.

One ounce will produce about fifteen hundred plants and sow about forty square feet.

JOHNSON & STOKES' NEW EARLY ALABASTER. Of American origin; the earliest, best and sure-heading variety yet introduced. See Photograph and Specialties, pages 8 and 9. Pkt., 25c.; 5 pkts., $1.00; 1/4 oz., 75c.; 1 oz., $1.50.

EXTRA SELECTED EXTRA EARLY DWARF ERFURT. One of the earliest varieties; small-leaved, dwarf for forcing, producing very solid, pure white heads of the finest quality; about fifteen inches high. Do not confound this variety with the cheaper Early Dwarf Erfurt. Pkt., 25c.; 1 oz., $1.00; 1 lb., $2.50.

GILT EDGE SNOWBALL CAULIFLOWER.

GILT EDGE EARLY SNOWBALL. The strain we have of this variety is without doubt the very best to be had. Our stock was grown from the very best families raised for their earliness, dwarf habit, large size, uniform shape and compact growth. None of those we set out for seed failed to produce large, beautiful, smooth, snow-white heads. For forcing under glass during winter and early spring, or for planting later in the open ground, no stock of Snowball can surpass it. Pkt., 25c.; 1/2 oz., $1.00; oz., $3.50; 1 lb., $22.00.

Early London. A good old variety, with white, compact heads. Pkt., 10c.; oz., 20c.; 1/4 lb., 50c.; lb., $1.25.


Vetch's Autumn. Very fine large heads, well protected. Pkt., 10c.; oz., 25c.; 1/4 lb., $2.00.

Gilt Edge. One of the best sure-heading late varieties. Pkt., 10c.; oz., 25c.; 1/4 lb., $2.50.

Lemonhead's Short Stem. A large late variety, with well-formed white heads of extra quality. Pkt., 10c.; oz., 25c.; 1/4 lb., $2.25.

THE BEST HE EVER HAD.

Wm. Pence, Ford Store, Md., Sept. 5, 1880, writes: "Your Matchless Flat Dutch Cabbages are the finest and largest and the most of all the sorts of cabbages I have raised. I can also speak most favorably of your J. & E. Earliest Cabbage and Short Stem Drumhead. All your seeds proved by far the best we ever had."

THE BEST SEEDS AT THE CHEAPEST.

EXCELS EVERY KNOWN VARIETY.

A. Hazzard, Lawrence, Kansas, Nov. 1, 1880, writes: "I am delighted with your Diamond Winter Cabbage. It cannot be beat, and excels every known variety."

BEST EVER RAISED.

C. D. Warfield, Baldwin, Md., Oct. 6, 1880, writes: "Your Matchless Flat Dutch and Sure-Head Cabbages have given me the fullest satisfaction. Under very unfavorable circumstances, they turned out the best I ever raised, in crops, quality and profit."
CARROT.

One ounce will sow about one hundred and twenty-five feet of drill and four pounds will sow an acre.

RED PARISIAN FORCING. (See Cut No. 1.) A new and very distinct variety from France, being the earliest of all carrots, forming roots much quicker than the well-known French Forcing. It has a fine neck; leaves short and erect; quality excellent. Pkt., 5c.; oz., 15c.; 1/2 lb., 40c.; lb., $1.25.

Very Early Short-Horn Scarlet, or French Forcing. An early forcing variety; small root and excellent flavor. Pkt., 5c.; oz., 15c.; 1/2 lb., 40c.; lb., $1.00.

Early Scarlet Horn. (See Cut No. 6.) The favorite summer variety. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 50c.

Early Half-Long Scarlet. A desirable variety; remarkably smooth and rich color, very fine for table use or forcing. Pkt., 5c.; oz., 10c.; 1/2 lb., 30c.; lb., 90c.

SAINT VALLERY, or NEW INTERMEDIATE RED. This splendid variety originated in France, near the city of St. Vallery, from whence it takes its name. It grows to uniform large size, intermediate in shape between the Half-Long and Long Orange. The roots are straight and smooth, broad at the top, measuring about two and three-fourths inches across, with a length of about eleven inches. The color is a rich orange red, its table qualities are faultless. It will be found a most excellent variety for either garden or field culture. Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., 80c.

CHANTENAY. (See Cut No. 2.) This variety resembles the Half-Long Nantes, but has larger shoulders. Fine deep scarlet color. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 80c.

IMPROVED DANCERS CARROT. (See Cut No. 3.) Our pure American stock of this valuable variety is preferred by many gardeners to any other sort. The top is very small, color of a rich shade of orange, shape very handsome and smooth; quality the very best. One highly valuable feature of our strain is that it has its full color when quite young, which enables it to be pulled sooner than any other sort. It is equally as valuable to grow for fresh feeding, being well adapted to all soils and will yield the greatest bulk with the smallest length of root of any other sort. Under good cultivation we have known it to produce thirty tons to the acre. Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., 90c.; 5 lbs., by express, $3.75.

NEW LONG RED CORELESS. (See Cut No. 4.) One of the best long carrots we have ever grown; it grows ten to twelve inches long and two inches in diameter; very smooth, stump-rooted, good color, of excellent quality, free from any heart or pith. Pkt., 5c.; oz., 10c.; 1/2 lb., 30c.; lb., $1.00.

HALF-LONG NANTES. (Stump-rooted.) A fine intermediate variety, bright scarlet color, smooth, large and of excellent quality. Pkt., 5c.; oz., 10c.; 1/2 lb., 30c.; lb., $1.00.

NICHOLS STRAIN IMPROVED LONG ORANGE. The ideal carrot for either garden or field culture, far superior to all other strains of Long Orange. See colored illustration on back of this book and page 12. Pkt., 10c.; oz., 15c.; 1/2 lb., 40c.; lb., $1.25.

NEW RUBICON HALF LONG. In the Rubicon we have an entirely new and distinct American carrot; very symmetrical in shape and of a dark orange color, selected and perfected by a Connecticut gardener. The stock is so finely bred that the carrots have attained such uniform shape that they are almost exact duplicates of each other. It is earlier than the Danvers and about the same length; the leaves are one-third shorter, fewer and finer than this well-known sort; these features make it extremely well adapted to growing under glass. It is a splendid sort, bearing excellent roots growing outside at any season of the year. It grows without neck, the crown is hollow and it grows well under the ground, which prevents it from becoming sunburnt—a very important feature. Our customers will find the Rubicon a decided acquisition and need have no hesitation in planting it largely. Pkt., 5c.; oz., 15c.; 1/2 lb., 20c.; lb., $1.00.

ON-HEART, or HALF-LONG GUERANDE. (See Cut No. 5.) This is one of the most valuable of all recent introductions, either for family use or market. Intermediate between the Half-Long and Horn varieties, attaining a diameter of three to four inches at the neck and of most beautiful shape and rich orange color. It is of extra fine quality and very productive. Pkt., 5c.; oz., 10c.; 1/2 lb., 30c.; lb., $1.00.

IMPROVED LONG ORANGE. The well-known and popular old stand-by for late summer and winter use; grown extensively for feeding stock. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 50c.; 5 lbs. and over, by express, 30c. per lb.

LARGE WHITE VORGES. A valuable variety, with fine white color of excellent quality. It is a splendid sort, however, for reason of its shape, is easily dug; very productive and nutritious; excellent for stock. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 75c.

Large White Belgian. Grows onethird above ground; large white roots, with green tops. Excellent for feeding stock. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 60c.

Large Yellow Belgian. A good stock-feeding variety, differing from the above only in color. Pkt., 5c.; oz., 10c.; 1/2 lb., 30c.; lb., 65c.

CELERY.

One ounce will produce about twenty-five hundred plants and sow about two hundred feet of row.

GOLDEN HEART. GIANT WHITE SOLID. WHITE PLUME.

GOLDEN HEART DWARF. This distinct variety is the most popular old variety among market gardeners. It is entirely solid, an excellent keeper and of fine nutty flavor. Its size and habit of growth it is much the same as Half-Dwarf White kinds, except, when blanched, the heart, which is large and very solid, is raised from being a wax color to a very striking and showy for either market or private use. We have an unusual stock of this sort, and sell in hundreds of pounds each season to our most critical market gardeners. Pkt., 10c.; oz., 25c.; 1/2 lb., 50c.; lb., $2.40.
CRAWFORD'S HALF-DWARF, also known as *Brother's Half-Dwarf*. This variety is a great favorite. When blanched, it is of a yellowish-white, making it very ornamental; entirely solid, possessing the nutty flavor peculiar to the dwarf kinds, while it has much more growth of leaf and root, surpassing most of the large-growing sorts in weight. Pkt., 5c.; oz., 20c.; 1 lb., 60c.; 1 lb., $2.00.

Imperial Dwarf. An excellent variety, white, very solid, fine, sweet flavor and a good keeper. Pkt., 5c.; oz., 35c.; 1 lb., 50c.; 1 lb., $2.00.

WHITE KALAMAZOO. White, solid, crisp, and of fine flavor. Pkt., 5c.; oz., 35c.; 1 lb., 60c.; 1 lb., $2.00.

NEW RIBBED. A splendid, unusually large and solid new variety. They resemble those of the former-patented parsley, rendering it the most ornamental variety in cultivation. Pkt., 10c.; oz., 25c.; 1 lb., 75c.; 1 lb., $2.50.

NEW FERN-LEAVED. A splendid, unusually large and solid new variety. They resemble those of the fern-leaf parsley, rendering it the most ornamental variety in cultivation. Pkt., 10c.; oz., 25c.; 1 lb., 75c.; 1 lb., $2.50.

Incomparable Dwarf Crimson. A fine red variety, large, solid, crisp, of superior quality and rich color. Pkt., 5c.; oz., 25c.; 1 lb., $1.00.

Soup-, or Flavoring Celery (Old Seed). Used for flavoring soups, stews and pepper sauce. Oz., 5c.; lb., 30c.

CELERIAC.—(Turnip-Rooted Celery). LARGE SMOOTH PRAGUE. The largest, smoothest and best of the celeriacs. Pkt., 10c.; oz., 25c.; 1 lb., 75c.; 1 lb., $2.75.

Apple-Shape. A kind with small foliage, the roots being smooth and rounder than the old sort. Pkt., 5c.; oz., 25c.; 1 lb., 75c.; 1 lb., $1.75.

CHERVIL. Curled. Pkt., 5c.; oz., 15c.; 1 lb., 50c.; 1 lb., $1.90.

CHICORY.

Large Rooted. Pkt., 5c.; oz., 15c.; 1 lb., 50c.; 1 lb., $1.00.

COLLARDS.—(Coleswort). True Georgia, or Southern. Pkt., 5c.; oz., 15c.; 1 lb., 50c.; 1 lb., $1.00.

CORN—Sweet or Sugar.

One quart will plant about two hundred hills and one peck is required to plant an acre in hills.

&*—Please remember our prices on Sweet Corn by the pint and quart include prepayment of postage by us. Customers ordering Sweet Corn to be sent by freight or express can deduct 8c. per pint and 15c. per quart from these prices.

LARGE PACKETS OF ANY VARIETY, 10c. EACH, POST-PAID BY ALL.

EARS OF EARLY VARIETIES, 10c. EACH; LATE VARIETIES, 15c. EACH, POSTAGE PAID.

SWEET CORN—Early Varieties. Half peck and half bushel at peck and bushel rates.

NEW GUARANTEE SWEET CORN. See Novelties, page 7.

Adams' Extra Early. An old variety well known as one of the hardiest and earliest varieties for table use, but not a sweet corn; white grain and short ear. Pint, 20c.; qt., 35c.; peck, 85c.; bushel, 3.75.; bushel, $1.90.

Early Bonanza. This valuable variety originated a few years since by a farmer near an abandoned garden of this city, who astonished his brother gardeners by having in market, several weeks ahead of any of them, large, fine ears of sweet corn in quantity and quality which bore little or no taste at all and were very tender and very good for market and home use. They have become widely cultivated in the country and are now grown in the greatest quantities among the farmers of the State. Pint, 25c.; qt., 45c.; peck, $1.25; bushel, $4.00.

Early Narragansett. Very early, ears small, red grain; tender and of good quality. Pint, 20c.; qt., 35c.; peck, $1.00; bushel, $5.00.

Early Minnesota. One of the earliest, of dwarf habit, ears small, productive and good. Pint, 20c.; qt., 35c.; peck, $1.00; bushel, $5.00.

Early Red Cob. A new extra early variety from Colorado, with fine large ears; a marketable market sort. Pint, 20c.; qt., 35c.; peck, $1.00; bushel, $3.50.
THE CORY. After carefully testing this new variety, we were the first to offer it four years since it was grown side by side with Marblehead and other early varieties, it leads them all by a jolly week. It will produce good ears for boiling in fifty-two days from planting. A larger kernel than the Marblehead and is quite distinct, being whiter in color. It is productive and others who have grown the Cory Corn, have completely controlled the early market. Our stock comes directly from Mr. Jos. Cory, the originator. Pint, 25c.; qt., 40c.; peck, $1.00; bushel, $3.75.

STABLER'S EXTRA EARLY. A very popular variety in Philadelphia and vicinity, noted for its earliness and great sweetness. Pint, 25c.; qt., 40c.; peck, $1.00; bushel, $3.50.

EARLY GOLDEN, or ORANGE. We introduced this new and distinct variety after a two years' trial. It is of delicious quality. The seed when dry is of a beautiful golden color, hence the name given it. Pint, 25c.; qt., 40c.; peck, $1.00.

MARBLEHEAD. Early. This variety, before the introduction of the Cory, was considered the earliest of all. The stalk is of dwarf growth and ears set very low down; it is of fair market size and very sweet. Pint, 25c.; qt., 35c.; peck, $1.00; bushel, $3.75.

Early Large Eight-Rowed. A fine early sort; the ears are of large size and have but eight rows; delicious quality. Pint, 25c.; qt., 35c.; peck, $0.80; bushel, $2.60.

PERRY'S HYBRID. A new extra early variety, with large, fine ears, about twice the size of Minnesota; twelve-rowed and of fine quality. Pint, 20c.; qt., 35c.; peck, 90c.; bushel, $3.40.

OLD COLONY. A very sweet and wonderful productive variety, averaging three years on every stalk. The ears are of large size and well filled out. It ripens extra early. Its distinctive value lies, however, in its fine sugary flavor. Pint, 25c.; qt., 35c.; peck, $1.00; bushel, $3.75.

HICKOY IMPROVED. An excellent second early, very sweet and productive, excellent for canning. Pint, 20c.; qt., 35c.; peck, $0.80; bushel, $2.75.

Excelsior. Moderately early and possesses all the good qualities of the Evergreen. Pint, 20c.; qt., 35c.; peck, $1.00.

Triumph. An early large-earred variety, very productive and rich in flavor. Pint, 20c.; qt., 35c.; peck, $1.00.

SQUANTUM, or POTTER'S EXCELSIOR. An excellent variety of the finest quality for table use and market; ripens early, with fine large ears and deep grain. Pint, 20c.; qt., 35c.; peck, $1.00; bushel, $3.75.

Amber Cream. This handsome, medium early sort is a soup, very much favored; stalks six to seven feet high; the ears are large, white, handsome and very sweet. When dry the seed is of amber color, varying from a light to a dark shade. Pint, 25c.; qt., 35c.; peck, $1.00.

SWEET CORN--Late Varieties. Large pkts., 10c.; Ears, 15c.; Post-paid.

EGYPTIAN. A large variety somewhat resembling the Evergreen in flavor, particularly rich and sweet, and superior quality. Pint, 20c.; qt., 35c.; peck, $1.00; bushel, $3.75.

Ne Plus Ultra, or QUAKER SWEET. A variety first sent out by us a few years since. The ears are medium size; grains deep; and rows very irregular; produces three to four good ears to a stalk. It is a valuable and distinct acquisition. Its delicious flavor is unsurpassed. Pint, 20c.; qt., 40c.; peck, $1.25.

Black Mexican. A variety with black ears; one of the sweetest. Pint, 20c.; qt., 35c.; peck, $1.25.

Polder Sweet Corn. For sailling and green fodder. Bushel, $1.50; 5 bush. and over, $1.40 per bush.

BERLIN HYBRID--SWEET CORN. There is nothing in this catalogue more worthy of the careful consideration of market gardeners than this new corn, and we feel highly gratified in being the first seedsmen to offer it to the public in the spring of 1889. It is not an untried novelty; having been grown for several years with great profit by a few truckers of Burlington County, N. J., who have kept the stock closely guarded among themselves, they positively refusing to sell seed to anyone. It is a cross between Adams' Extra Early and some large-earred productive variety of sweet corn. Its great market value can be readily seen from the fact that it is as early as the Adams', with an ear full as large as Stowell's Evergreen and more productive than either, producing equal to the most prolific field corn, although not legitimacy in a sugar corn, yet the husks, blades and ear in a green state exactly resemble the sugar varieties, and it sells readily in market as a sweet or sugar corn. It is, however, of much better eating quality than the Adams'. When dry the grain is smooth and of a creamy-white color. The stalks grow to a height of about five feet and very compact, admitting of closer planting than any other variety; the ears begin to set low down and are borne three to four to a stalk. Pkt., 10c.; pint, 25c.; qt., 35c.; post-paid; peck, $1.25; bushel, $4.00.

EARLY MAMMOTH, or ASYLUM. Ripens about two weeks earlier than Late Mammoth; ears somewhat smaller, but of good market size. Pint, 20c.; qt., 35c.; peck, $1.00; bushel, $3.50.

CROSBY'S EXTRA EARLY. An early market variety; very productive, ears rather short and rich sugary flavor. Pint, 20c.; qt., 35c.; peck, 90c.; bushel, $3.40.

ROSLYN HYBRID. A medium early variety, with large, fine ears, and in quality equal to Stowell's Evergreen. Much prized by canners and fine for market. Pint, 25c.; qt., 40c.; peck, $1.25; bushel, $1.00.

Moore's Early Concord. Very early, with large ears, twelve to eighteen rows; excellent in quality for table or market. Pint, 20c.; qt., 35c.; peck, $1.00.
The Honey. Engraved from Nature. Pkt., 10c.; Pint, 25c.; qt., 45c., post-paid; peck, $1.50; bush., $5.00.

THE HONEY SWEET CORN.

Nothing we have ever introduced has elicited from both market and family gardeners such enthusiastic praise in all parts of the country. It originated with a German market gardener, near Allentown, Pa., who had the reputation of bringing the finest and sweetest corn to that market, for which he realized fabulous prices. In growth and appearance it is unlike any other variety, the husks and stalks being of a deep red color during growth, while the corn itself is of a beautiful color in the green stage, and when fully matured, white, much shrivelled when dry, with deep grain and small cob. It is also a most productive variety, bearing three to four good large ears on a stalk, growing vigorously, and coming in as early as Moore's Concord. No market or private garden is complete without it. Pkt., 10c.; pint, 25c.; qt., 45c., post-paid; peck, $1.50; bush., $5.00, by freight or express.

SHOE PEG SWEET.

This very excellent new and distinct variety, offered last spring for the first time, originated at Bordentown, N. J., in which market it is considered the sweetest and choicest sort grown, selling at double the prices of all other varieties. It has the deepest grain and smallest cob of any known variety. The accompanying cut is an exact representation of an ear from Nature. The stalks are of medium height, without suckers, joints short, and sometimes yield as many as five ears, well filled out. The kernel is small, very long, white and exceedingly tender, sweet and of a rich, juicy flavor that is not equalled by any other sort. In maturing it is medium late. In our extended experience we have grown every known variety of sugar corn, but have never found a variety possessing so many desirable qualities as Shoe Peg. Pkt., 10c.; pint, 25c.; qt., 45c.; peck, $1.00; bush., $3.00, by freight or express.

STOWELL'S EVER-GREEN. The best and one of the sweetest; ears large, remaining green longer than any other variety. Pkt., 10c.; qt., 35c.; peck, 85c.; bush., $3.00. Special prices for large quantities.

LATE MAMMOTH.

The largest of all varieties; ears very large, productive, flavorful, and sweet; a fine market variety. Pkt., 20c.; qt., 50c.; peck, 85c.; bush., $3.00.

MAPLEDALE PROLIFIC.

The most productive Pop Corn, averaging 5 to 12 good ears to the stalk; as many as 19 ears having been taken from a single stalk. It grows 5½ to 6 feet high, with ears of uniformly large size; grain pearly white; pop to a large size, and very tender. Ear, 15c.; large pkg., shelled, 10c.; pint, 30c.; qt., 60c., post-paid; lb., 50c.; 10 lbs., $1.25; 25 lbs., $2.50, by express.
POP CORN—Continued.

**RICE POP CORN.** A splendid variety for popping purposes; grains sharply pointed. Ear, 10c.; pkt., 10c.; 25c.; qt., 45c., post-paid; lb., 5c.; 10 lbs., $1.00; 25 lbs., $2.00, by express.

**SILVER LACE POP CORN, Pearl Pop Corn (Small Grain),** Eight-Rowed Pop Corn (Large Grain). Each, per pkt., 10c.; plnt., 25c.; qt., 40c., post-paid; by freight or express. lb., 10c.; 5 lbs., 50c.; 25 lbs., $2.50; 100 lbs., $20.00.

**CORN for Field Culture.** Will be found under Farm Seeds.

**CORN SALAD—Fetticus.**
One ounce will sow about eighteen square feet, and six pounds will sow one acre.

**Broad-Leafed (Large-Seeded).** The best variety for market purposes. Pkt., 5c.; oz., 10c.; lb., 50c.

**CRESS, or PEPPER GRASS.**
One ounce will sow about fifteen square feet.

**New Upland Cress.** Grown same as spinach, but exactly resembles water cress in flavor. Pkt., 10c.; 3 pkts., 25c.

**Extra Curled.** Fine flavor, and can be cut several times. Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., 50c.

**TRUE WATER-CRESS.** A well-known aquatic plant, with oval leaves, making a delicious and appetizing salad. Pkt., 10c.; oz., 30c.; 50c.; $1.00; lb., $1.50.

**NORTHERN GROWN FROM CAREFULLY SELECTED SEED STOCKS.**
One ounce will plant about fifty hills; two pounds will plant one acre.

**Early Russian.** Very early, hardy and productive; produced in pairs. Pkt., 5c.; oz., 10c.; 1/2 lb., 30c.; lb., 50c.

**Early Frame, or Early Short Green.** Of medium size, straight and excellent for table use or pickling. Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., 70c.

**JERSEY EXTRA EARLY PROFUSIC PICKLE.**
This splendid new variety was originated and selected by a prominent New Jersey pickle grower in the celebrated pickle section on the Delaware River, about twenty-five miles above Philadelphia, where more pickles are grown than in any other section of the United States. It is ten days earlier than the old Long Green or Jersey Pickle and more productive. It is pronounced by growers of thirty years' experience "a perfect pickle in all respects." Try it. Pkt., 10c.; oz., 50c.; 1/2 lb., 40c.; lb., $1.25.

**Early Cluster.** Quite early, and very productive, medium in size, and of a pale green color, and turns to a brownish yellow when ripe. Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., 75c.

**_peerless, or IMPROVED EARLY WHITE SNAKE.** Very early and productive, medium to large size, deep green, crisp, fine flavor. Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., 50c.

**Green Profile, or Boston Pickling.** A short pickling variety, of fine form and flavor, enormously productive, crisp and tender. Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., 80c.

**NEW GIANT OF PERA.**
This magnificent variety was first bred for us here from Turkey by Dr. Harris, of Philadelphia. They are of the most delicious flavor, no other cucumber we have ever seen surpassing them. Another remarkable quality is that they are very crisp and tender at all stages, and can be eaten at any time during growth. They grow to an enormous size, frequently to one and a half feet in length and ten to eleven inches in round circumference. They are produced with a beautiful green skin. The vines grow vigorously, fruit set early, she will and grows closely together, making them exceedingly prolific. The seed earlty is very small and the seeds are slow to form and few in number. Pkt., 10c.; oz., 25c.; 1/2 lb., 50c.; lb., $1.50.

**Ruby's Hybrid.** A hybrid of the White Spinach, with a large English variety, retaining the prolificness of the former, united with large size, hardiness and desirable market qualities. Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., $1.00.

**Long Green Turkey.** A leading variety for pickling; of excellent quality, dark green, firm and crisp. Pkt., 5c.; oz., 10c.; 1/2 lb., 30c.; lb., 80c.

**NICHOLS MEDIUM GREEN.**
This new variety was originated near Columbus, O., by an extensive grower for market. In length it is midway between the White Spinach and Long Green; very thick and full and full at both ends, presenting a beautiful type; skin of a light green color and very smooth; the vines are very hardy and productive; they are excellent for slicing or pickling. Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., 50c.

**IMPROVED LONG GREEN.** (Jersey Pickle). A standard pickling variety; dark green, tender, crisp, productive, of fine flavor and uniform size, unsurpassed. We supply each season hundreds of the most critical Jersey market gardeners and pickle growers.

**GIANI OF PERA.**
**WESTFIELD'S CHICAGO PICKLE.** In recent years Chicago has become the center of a very large pickling industry. This variety, originated by Mr. Westfield, a gentleman largely interested in the business, is preferred for pickling by almost every large pickling factory in that city, and for commercial pickles it is one of the best. Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., 50c.

**ENGLISH FRAME CUCUMBERS.**

cater's Champion, Blue Gown, Telegraph, Giant of Anstadt and other good sorts. Each, per pkt., 25c.

_Serpen, or Snake Cucumber._
Sooey Qua, Serpent, or Snake Cucumber. A great curiosity, growing six feet long, and coiled like a snake, as shown in above illustration, with the head protruding. The Chinese consider this variety a great delicacy, either raw or boiled. Pkt., 10c.; 3 pkts., 25c.; oz., 50c.

**CUCUMBER SEEDS.**
EVERGREEN WHITE SPINE CUCUMBER.

We have sold this new and improved strain for four years, and have received hundreds of letters from customers of all sections, who purchased the seed, all of whom agree in pronouncing it the handsomest and most productive of any they have ever grown. It differs from the ordinary White Spine in the fact of always remaining of a deep green color in all stages of growth. It grows to good length, of handsome, smooth shape, very early and prolific. It is a very hardy sort and will not turn yellow after being picked from the vine, but will permanently retain its deep green color. The flavor is delicious; the flesh being unusually tender and crisp, whether grown for the family garden or as a shipping variety. It is superior to any we know of, and its fine appearance always insures “top notch” market price. Pkt., 10c; oz., 25c; ½ lb., 50c; lb., $1.50.

New York Large Purple. A leading market variety; large, round, dark purple, excellent and productive. Pkt., 10c; oz., 45c; ½ lb., $1.25; lb., $6.00.

Black Pekin. A very handsome variety, with large, round, black fruits; very smooth and glossy, of fine delicate flavor; very prolific and matures quite early. Pkt., 10c; 3 pkts., 25c; oz., 50c; ½ lb., $1.50.

DANDELION.

Improved Large Leaved. A very early and healthful spring salad. Sow early in the spring in drills, eighteen inches apart, and thin out to six inches in the drills. Pkt., 10c; oz., 50c.

Egg-Plant.

One ounce will produce about one thousand plants.

New Jersey Improved Large Purple.

New Jersey Improved Large Purple Smooth Stem. The State of New Jersey supplies the North with the handsomest, largest and finest egg-plants grown in the United States, and it is from this State that one would naturally expect to secure the best seeds. This superior strain was brought to perfection by one of the most successful egg-plant growers in the State. It is a decided improvement on the New York Large Purple in quality, size and great beauty. The plants are large and vigorous, leaves of a light green shade, fruit early, very large, oval and of a fine deep purple—never red or yellow; flesh white, tender and of superior quality. Our customers will find this variety the very best in cultivation. Our seed is grown by the originator. Pkt., 10c; oz., 50c; ½ lb., $1.50; lb., $3.50.

Extra Early Dwarf Round Purple. A distinct variety; ripens a month earlier than the New York Large Purple; is of the same round shape, but smaller in size. It is extremely hardy, well adapted to the North, where it has heretofore been impossible to grow this vegetable to perfection. Pkt., 10c; oz., 50c; ½ lb., $1.00.

TOMATO EGG-PLANT.

This curious plant was first discovered a few years ago by Mr. William C. Loder, a New Jersey trucker, growing in a field of egg-plants. The vine has every appearance of the egg-plant, even to the prickly stem and leaf, but fruits from forty to sixty bright red, solid tomatoes, as shown in our engraving. It is unquestionably the greatest curiosity in the vegetable kingdom that has ever come to our notice; exceedingly ornamental and worthy of a place in either the flower or vegetable garden. Pkt., 10c; 2 pkts., 25c; 5 pkts., 50c.

FENNEL.

Florence Celery-Rooted. A novelty from Italy, where, owing to its delightful sweet flavor, it is much preferred to celery. It thrives remarkably well in our climate and is of the easiest culture. Seed can be sown early in spring and cultivated same as parsley, except that the thickest part of the root should be covered with soil a short time before completing its growth. Pkt., 10c; 5 pkts., 25c.

TOMATO EGG-PLANT.

This is extensively used in many places for flavoring soups, stews, etc. The sets should be planted early in spring in rich soil in rows one foot apart and from three to five inches apart in the rows. Cultivate like onions. In August the tops die off and the crop is ready to gather. ½ lb., 10c; lb., 40c.
**GOURDS.**

Bonnet made from Dishcloth or Lady's Bonnet Gourd.

**LUTEA DISCLOTH, or LADY'S BONNET GOURD.** This remarkable and handsome climber is a native of the East Indies, and in it Nature has furnished us with a vegetable dishcloth, the seeds being enveloped in a sponge-like cloth, which is tough, elastic and durable. The fruit grows about two feet in length and the vine grows rapidly to a height of twenty to twenty-five feet in a season, producing clusters of large yellow blossoms; many ladies prefer this dishcloth to anything that can be made. It also makes a handsome Summer Bonnet; very unique and tasteful (see illustration above). For the bath and for all uses of the toilet in general, the "Dish Rag Gourd" is taking the place of the sponge. It is, in fact, a sponge, a soft brush and a bath glove combined; the fibre wears away almost imperceptibly, and as long as any part is left they are as good as new. Even with daily use they will last for years. The dried interiors of these gourds have already become an article of commerce; they are sold by druggists in Philadelphia and New York, while in England their sale and use are quite general. Every housewife should procure a packet of this seed.

**NEW MAMMOTH GREEN CURLED.** This very beautiful and valuable variety grows to a height of twenty inches in diameter. The leaves are very crisp, much cut and curled, nutty and full in every stage of growth. The mid-rib is pure white, thick, fleshy and tender. It is equally suitable for spring, summer or autumn planting. The quality is exceedingly good, blanched very readily and its handsome appearance causes it to outclass all other varieties. This variety was named and introduced by us two years ago. All who have grown it say that no other variety should be planted. One ounce will sow fifteen feet of drill and will produce about three thousand plants.

**NEW LONG-STANDING WINTER.** A most valuable new and distinct variety, growing about as large as the Mammoth Green Curled, but much upright in growth and self-blanching to a remarkable extent, assuming a beautiful cream white in the centre and blending off to a beautiful pale green. It is extremely hardy and will stand longer and keep better than any other known sort. We hope all who grow Endive will give it a trial. Pkts., 10c.; oz., 40c.; 1/4 lb., $1.25.

**GREEN CURLIED SCOTCH.** Philadelphia Stock. A favorite with Northern market gardeners; growing about two feet in height and harder than the Southern Dwarf Green Curled Scotch. It is one of the handsomest and most ornamental varieties we have ever seen; is extremely early and hardy, and from its upright habit can be grown closer together than other varieties. Pkts., 10c.; oz., 36c.; 1/4 lb., 80c.

**SOUTHERN DWARF GREEN CURLED SCOTCH KALE.** This is the principal sort grown throughout the Southern States for Northern markets. It is hardy and will remain over winter in any place where the temperature does not go below zero. The habit is very dwarf and spreading, and will rarely exceed eighteen inches in height. The leaves are of a bright green color, beautifully curled, and produced in great abundance. Pkts., 25c.; oz., 5c.; 1/4 lb., 25c.; 1b., 60c.

**SIBERIAN CURLIED KALE.** This variety grows a little larger and coarser than the preceding; the leaves are not so deeply curled and are of a bluish-green color. In pots of hardy soil it exceeds other sorts, being capable of withstanding ten degrees below zero without injury. Pkts., 10c.; oz., 10c.; 1/4 lb., 25c.

**KOHLE—Turnip-Rooted Cabbage.** This is a favorite vegetable in Europe, where it is extensively grown for feeding cattle, as well as for table use. One ounce will sow one hundred and fifty feet of drill.

**EARLY WHITE VIENNA.** Flesh tender and white, excellent for table use and market. Pkts., 5c.; oz., 20c.; 1/4 lb., 60c.; 1b., $2.00.

**EARLY PURPLE VIENNA.** A little later than the White color; bluish-purple. Pkts., 5c.; oz., 20c.; 1/4 lb., 60c.; 1b., $2.00.

**ENDIVE.**

One ounce will sow fifteen feet of drill and will produce about three thousand plants.

**KALE—Borecole.** One ounce will produce about two thousand plants.

**JAPANESE NEST EGG.** These exactly resemble in color, shape and size the eggs of hens, making a capital nest-egg, which are superior to glass eggs, as they do not crack or break and are uninjured by cold or wet. As the plant is a rapid growing climber, it is very useful for covering screens, etc. Pkt., 30c.; 3 pkts., 25c.; 7 pkts., 50c.; 15 pkts., $1.00.

**DIPPER.** Named for its resemblance to a dipper. The capacity varies from a pint to a quart, with handles six to twelve inches long. They are convenient for dipping hot liquids, etc. Pkt., 10c.; oz., 25c.

**SUGAR TROUGH.** Very useful for baskets, dishes, buckets, etc., etc. They have hard, thick shells, lasting for years, and capable of holding from two to ten gallons each. Pkt., 10c.; oz., 25c.

**FINE MIXED.** A collection of the most ornamental, including all the above. Pkt., 15c.; 2 pkts., 25c.; 5 pkts., 50c.

**HEROSRADISH.** Herosradish is grown from young roots or sets which should be planted out in the spring. They will form a large sized radish fit for use in one season's growth. Roots per dozen, 50c.; per 100, $1.25, by mail, post-paid.

**MATTEH DISCLOTH.** This remarkable and handsome climber is a native of the East Indies, and in it Nature has furnished us with a vegetable dishcloth, the seeds being enveloped in a sponge-like cloth, which is tough, elastic and durable. The fruit grows about two feet in length and the vine grows rapidly to a height of twenty to twenty-five feet in a season, producing clusters of large yellow blossoms; many ladies prefer this dishcloth to anything that can be made. It also makes a handsome Summer Bonnet; very unique and tasteful (see illustration above). For the bath and for all uses of the toilet in general, the "Dish Rag Gourd" is taking the place of the sponge. It is, in fact, a sponge, a soft brush and a bath glove combined; the fibre wears away almost imperceptibly, and as long as any part is left they are as good as new. Even with daily use they will last for years. The dried interiors of these gourds have already become an article of commerce; they are sold by druggists in Philadelphia and New York, while in England their sale and use are quite general. Every housewife should procure a packet of this seed.

**EARLY COLE.** This new and beautiful variety is very popular with the gardeners around Paris. It is between the dwarf and tall varieties, with yellowish-green, finely fringed leaves. It is one of the handsomest and most ornamental varieties we have ever seen; is extremely early and hardy, and from its upright habit can be grown closer together than other varieties. Pkts., 5c.; oz., 10c.; 1/4 lb., 36c. 

**WHITE CURLED.** A beautiful and very valuable variety, with dark green curled leaves, tender and crisp. Pkt., 5c.; oz., 15c.; 1/4 lb., 50c.; 1b., $1.75.

**WHITE FLAT.** These are the most dangerous of all the varieties of Cole, and are sometimes known as "Dipped Cauliflower." It is a good variety of the Cole family, and is often confused with the curly-leaved Cole. Pkts., 5c.; oz., 10c.; 1/4 lb., 36c.; 1b., 75c.

**WHITE CURLED.** A beautiful and very valuable variety, with dark green curled leaves, tender and crisp. Pkt., 5c.; oz., 15c.; 1/4 lb., 50c.; 1b., $1.75.

**WHITE SCALLOPED.** This variety is very similar to the White Curled, but the leaves are not curled, and are larger. Pkts., 5c.; oz., 10c.; 1/4 lb., 36c.; 1b., 75c.

**GOOD GREEN.** A hardy and very attractive variety, with dark green, flat leaves. Pkts., 5c.; oz., 10c.; 1/4 lb., 36c.; 1b., 75c.
LEEK.

One ounce will sow one hundred feet of drill, and produce about one thousand plants.

NEW GIANT ITALIAN. We introduced this new leek from Italy and guarantee it to be the largest and finest leek in cultivation. It is fully twice the size of the ordinary London leek, and much handsomer in appearance. Like the Italian onions, it is very hardy and prolific in flavor, extremely hardy, and a fine keeper. All those who have grown it the past two years were astonished at its large size and fine white appearance. We know "of no leek as well adapted to market gardeners' purposes as this valuable new sort. Pkt., 5c.; oz., 15c.; lb., $1.25.

CARENTAN or SCOTCH CHAMPION. An extra large variety from Scotland, growing rapidly, and very hardy. Pkt., 5c.; oz., 15c.; ½ lb., 50c.; lb., $1.50.

Large Musselburgh. Grows to a very large size of excellent quality. Pkt., 10c.; oz., 25c.; ¼ lb., 60c.; lb., $2.00.

LETTUCE. One ounce will sow about one hundred square feet and produce three thousand plants.


PHILADELPHIA EARLY WHITE CABBAGE. A favorite among the market gardeners, producing fine, greenish-white, well-formed heads, of extra quality, being remarkably tender and crisp. It is of very quick growth and is largely grown both for forcing and summer use. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., $1.40.

White-Seeded Early Tennis Ball, or Boston Market. A very early variety, forming a small, close, hard head; very hardy, crisp and tender. An excellent variety for forcing. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., $1.40.

BLACK SEEDED TENNIS BALL. A favorite forcing variety, and forming a close hard head. It makes but few outer leaves, and for this reason can be planted quite closely under glass—from six to seven inches apart. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., $1.50.

BUTTERCUP. A new variety from Germany, equally good for winter and summer use or early forcing; forming large solid heads, of a fine texture, a rich green-colored foliage, crisp, tender and delicate in flavor. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., $1.50.

NEW BLOCKHEAD OR SUNSET LETTUCE.

*BLOCKHEAD OR SUNSET.* This new variety, which we now offer for sale for the first time, comes from France. We find it distinct from any other variety in its attractive shape and large solid heads, as shown in our illustration, and a beautiful golden yellow color, hitherto unknown in this class of lettuce. It withstands heat to a remarkable extent, keeps a long time in good fresh condition after being cut, and ships splendidly. Pkt., 10c.; oz., 25c.; ¼ lb., 35c.; lb., $2.50.

Early Curled Silesia. A fine early curled variety, which does not head; leaves large and tender, of fine flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., $1.25.

Early Curled Simpson. This does not head, but forms a close, compact mass of leaves; early and excellent for forcing. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., $1.25.

IMPROVED HANSON. An improved strain of this superior curled heading variety, of large size, often weighing three pounds; sweet, tender and crisp, of a beautiful green without and white within. Resisting heat and drought well. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., $1.40.

PHILADELPHIA DUTCH BUTTER SPOTTED. Producing large heads, of excellent quality; one of the best for the market gardener; stands heat well and slow to run to seed. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., $1.40.

VICTOR DUTCH BUTTER. (Market gardeners' private stock.) Notwithstanding this fine variety was offered last season for the first time, it has had a famous local reputation around Philadelphia, where market gardeners have herebefore paid very high prices for the seed. It is a selected and greatly improved strain of the Dutch Speckled Butter, and is most highly prized for early spring and autumn sowing, producing crisp, white solid heads, almost equal to a cabbage; the outer leaves are speckled with a brownish tinge. It is an elegant forcing variety, or for growing in cold frames, and standard heat and cold to cold, for the family garden. Its handsome shape and appearance are well shown in the above cut. Its shape is very distinct, heading up like a pointed cabbage; the leaves are curled, and almost solid, of a beautiful light green shade, almost white and particularly rich and buttery in flavor; very tender and sweet at all times, never bitter. Pkt., 10c.; oz., 25c.; ¼ lb., 50c.; lb., $2.50.

CALIFORNIA CREAM BUTTER. This variety forms large, solid, round, compact heads, light green outside and creamy yellow within. It is medium early and strongly recommended as a summer variety, being a slow-toshoot to seed. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50.

DEACON. A fine new variety (originated near Rochester, N. Y.), with rose-colored heads, forty to five inches in diameter; leaves very thick, dark green, tender and of unusual fine quality; very distinct and valuable. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50.

The valley of Santa Clara, California, just south of San Francisco, has of late years been noted for growing the finest lettuce in the world. This new variety was sent from there, with the request that we give it a trial. The results have been so surprising to a prominent lettuce grower, in sending us the seed, wrote: "No praise is too high for its merits, as its superior does not exist." We are happy to say that, after a fair trial by ourselves and numerous customers, we can fully endorse his strong claims for it, and believe it is one of the best for the family garden. Its handsome shape and appearance are well shown in the above cut. Its shape is very distinct, heading up like a pointed cabbage; the leaves are curled, and almost solid, of a beautiful light green shade, almost white and particularly rich and buttery in flavor; very tender and sweet at all times, never bitter. Pkt., 10c.; oz., 25c.; ¼ lb., 50c.; lb., $2.50.
REICHERN'S EARLY WHITE BUTTER, OR RIDGE LETTUCE.

This very excellent new variety is the result of several years' selection from the Philadelphia Early White Cabbage made by the Reichers, who are among the best market gardeners around Philadelphia. It is the best forcing lettuce we know of, and very valuable for summer on account of its slowness to shoot to seed. It is also the best variety for sowing in the fall, for planting on ridges, being entirely hardy in the South, and requiring only a slight protection in the North; produces fine, large, white, solid heads, of superb quality, and is remarkably early. Philadelphia market gardeners value this lettuce so highly that they will pay almost any price to obtain the seed. No market grower can afford to be without this valuable variety. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., $2.50.

NEW WHITE RUSSIAN SUMMER LETTUCE.

This is a genuine new sort of invaluable merit that has been planted by ourselves and by many of our most intelligent market gardeners with remarkable results. It is pre-eminent one of the best sorts to withstand the extreme heat of our long, hot summer months, as it forms beautiful large, solid heads, without showing the slightest disposition whatever to run to seed. The heads generally have to be cut before any head-stalk will appear. It is equally well adapted for early spring sowing. Of very rapid growth, with few outer leaves; in color it is a very light green, almost white, and forms a very large, solid head, of the finest quality. All who have planted it are enthusiastic in its praise. This lettuce is so distinct that a casual observer could readily discover a single head of it in an acre of any other sort. Pkt., 15c.; oz., 40c.; ¼ lb., $1.10; lb., $4.00.

LAWS WHITE PASSION. A very handsome cabbage-lettuce from California. It forms a very large, hard head, of crisp and delicious flavor, and is slow in running to seed. Although quite new this variety is already very popular with our Southern market gardeners for shipment North. The seed being sown in the fall and transplanted during the winter, it grows to fine, large size, and stands long shipments better than any variety we know of. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., $1.75.

Philadelphia Early Prize Head, or Brown Cabbage. An excellent family lettuce, it forms a mammoth head, and remains tender and crisp throughout the season. It is prompt to head and slow to run to seed; very hardy, and of superb flavor. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., $1.25.

STANDWELL. This lettuce will, as its name implies, stand a long time before running to seed. The heads are very large and solid. The heart and leaves are of a buttery yellow-green. Pkt., 10c.; oz., 25c.; ¼ lb., 70c.; lb., $2.40.

Black-Seedet Satisfaction. A splendid variety, with large, fine, compact heads of rare quality; very solid, stands heatwell, and remains in fine eating condition for a long time. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., $1.25.

NEW PERPETUAL, OR IMPROVED SIMPSON. This variety is entirely distinct, not heading, but forming huge, compact bushes. The leaf is a yellowish green and very tender. For private use it is especially adapted, as only one sowing is necessary for the whole season. It remains up to the time of seeding of just the same quality for eating as at any time before. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., $1.25.

NEW OAK-LEAVED. A distinct and beautiful new variety. The heads are compact, crisp and tender, and entirely free from that bitter taste peculiar to many sorts. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., $1.50.

CHARTIER LETTUCE. This fine new sort will take front rank when thoroughly introduced. A few Pittsburg gardeners have kept it carefully among themselves, until we secured seed stock. It is one of the most striking and distinct varieties in cultivation, and attracts much attention owing to its pinkish color, fine head and beautiful curled leaves. Its quality on the table is faultless. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., $1.40.

IMPROVED DEFIANCE SUMMER. Among the few lettuces of merit recently introduced, we place this sort among the front rank of summer varieties. It produces a splendid large, solid head, of the cabbage type, remaining a long time in prime condition without going to seed. It is of a light green color, fine quality, crisp, tender, and nearly every plant will make a fine, solid head in the hottest weather, when many other varieties will refuse even to grow. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., $1.50.

TOMMIANK. A splendid new cutting lettuce of fine quality, which it retains for an unusual length of time during growth; the leaves grow upright, the edges of the leaves growing outward and are handsome wrinkled. The inside leaves are of a very pale green, almost white, and remarkably crisp and tender. For family use it is unequalled. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., $1.60.
LETTUCE—Continued.

Green-Fringed, or Californian Curled. A beautiful ornamental variety with white inner leaves, the outer leaves fringed as if by the shade of some larger variety, and of a rare quality. Pkt., 5c.; oz., 10c.; $1.40.

WALLAMANDER. An excellent summer variety, withstanding drought and heat to a remarkable extent; forms good-sized, compact heads; light green outside, white within; fine for market. Pkt., 5c.; oz., 15c.; $1.25.

IMPROVED YELLOW-SEeded BUTTER. This is without doubt one of the best for late spring, or summer planting, producing fine large heads, very crisp and tender. It is of quicker growth and will stand the hot summer sun better than all Market gardeners, and is particularly recommended for forcing, but excellent for summer use, being slow to shoot to seed. Pkt., 5c.; oz., 15c.; $1.40; lb., $1.60.

Simpson. A hardy new Italian variety, head of a silvery white color, very solid and firm, and of exquisite flavor. A splendid variety for spring and summer use; coming early and standing a long time before running to seed. Pkt., 5c.; oz., 20c.; lb., $2.25.

Silver Ball. A handsome new variety, similar to the usual variety of the Curled Simpson, growing to double the size, excellent quality, very popular for market, and the best selling lettuce of all the market varieties. Pkt., 5c.; oz., 15c.; $1.60.

AMERICAN VARIETIES MIXED. Fifteen kinds mixed, in one packet. Early, medium and late sorts, giving lettuce for table during entire season. Pkt., 15c.; oz., 25c.

Giant Mexican Co. A new variety from Mexico, where it is eaten as a fruit, and of enormous size. Pkt., 5c.; oz., 15c.; $1.50; lb., $1.75.


MARTYNA.

MARTYNA PROBOSCIDEA. For picking. Pkt., 5c.; oz., 30c.; ½ lb., $1.00; 1 lb., $2.25.

MUSTARD.

One ounce will sow about seventy-five feet of drill.

NEW CHINESE. A giant curled variety; leaves twice the size of the ordinary White Mustard, frequently fourteen to fifteen inches long, with blade of yellowish-green color, notched and crinkled like that of a Savoy cabbage; stems more succulent than any other mustard; flavor pleasingly sweet and pungent. In six weeks from the time of sowing the seeds, the leaves may commence to be gathered, and the plants will continue to yield until frost sets in. The leaves are eaten boiled like spinach. They are very little diminished in substance and color, and have a very agreeable flavor. In some countries it forms one of the most highly esteemed of all green vegetables; try it. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.00.

White Mustard. Best for salads. Oz., 5c.; lb., 50c.

Black, or Brown. More pungent than the white; for salad and culinary use. Oz., 5c.; ½ lb., 30c.; lb., 50c.

Are You a Market Gardener?

If you raise truck or vegetables to sell, you ought to have our Special List to Market Gardeners. It will be mailed free to all Market Gardeners who ask for it. It contains nothing of interest to private or family gardeners, and cannot be sent to them even if they apply for it, as this Garden and Fruits is really intended for their particular use.

Market Gardeners writing for Special List, will please state number of acres they cultivate in vegetables, and in what markets they usually sell their products.

LONGSTANDER BRONZE HEAD.

In offering this new lettuce, we do not deem it necessary to add any further description than the "opinions of others" published below, coming from some of our best market gardeners. From our own experience and the reports of many growers, we confidently claim it to be the largest, handsomest, most tender and compact in head, and longest standing of any known variety. Its beautiful golden bronze color is well expressed by John Wetzel, a well-known market gardener of Reed City, Mich., who writes: "It looks gorgeous, as though a fine yellow oil had been poured over it, saturating every part of the head and leaf." Pkt., 10c; oz., 30c.; ½ lb., 50c.; lb., $1.00.

GRISCOM BROS., Weatherford, Texas, Oct. 3, 1899, writes: "Your seeds this season have given, as they always do, the greatest satisfaction. Longstander Bronze Head and White Russian Lettuces, deserve all the praise you bestow upon them and more."  

JOHN WETZEL, Reed City, Mich., writes: "There are not words in the English language to sufficiently praise your new lettuce, Longstander Bronze Head. It goes to head when very small and continues growing through the whole summer, attaining a size larger than a half head, and could not get any of it to go to seed for me. It stood from April until October and never started to seed. It is exceedingly tender and of the best flavor; it looks very grecly like, as though a fine yellow oil had been poured over it, saturating every part of the head and leaf."

A. I. HARCOYET, Chestnut, Ill., writes: "The Longstander Bronze Head Lettuces proved the finest we ever raised. The heads were large, rich and tender. The only objection was that they would not go to seed, as I wanted to get the seed for planting again."

C. A. SNODGRASS, Salmon City, Idaho, Oct. 9, 1899, writes: "I think your Longstander Bronze Head the best lettuce I ever saw. I sowed it alongside of six different kinds and it was large enough to cut in less than ten days before the rest and remained best of all in quality all summer. It failed entirely to shoot to seed."

E. M. Posey, Gainesville, Ala., writes: "I was much pleased with the new lettuce, Longstander Bronze Head. Although the seeds were planted late they stood the hot weather better and remained in head longer than any I ever had. The heads were large, firm and of the best quality. Even those left in the seed bed headed and were one mass of balls—a sight to behold. I think it the best lettuce for the South I have ever seen."
MUSKMELON.—Cantaloupe.

One comee will plant about seventy hills; three pounds will plant one acre.

NETTED BEAUTY. Now offered for the first time.

EXTRA EARLY PRIZE JENNY LIND. A carefully selected and improved strain of the well-known Jenny Lind, prized for its great earliness and rapidity with which it sells in market. It is very popular in New Jersey, and already largely grown for, and is the first Northern-grown muskmelon offered on the New York and Philadelphia markets. Very thickly netted, small size and shape as shown in above cut; of excellent flavor and quality. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 50c.; 5 lbs. and over, by express, 60c. per lb.

GOLDEN GEM (Netted Gem, or Golden Jenny). This valuable new cantaloupe, first introduced by us, is admitted by prominent melon growers to be the very best and most popular early variety now grown. The illustration above, engraved from a photograph, shows their shape, which is nearly round. They grow very uniform in shape and size, weighing about two pounds each, skin green and thickly netted. They are very thick, meaty, flesh of a light green color, the inside surface, when cut open, being of a beautiful golden color. In quality and flavor they are superior, being uniformly rich, sugary and luscious. They are extra early in ripening, coming in a few days after our Extra Early Prize Jenny Lind, the vines keeping green longer and producing better than any variety we have ever known. They sell in markets, where known, right alongside of other good varieties, at double price. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., 50c.; 5 lbs. and over, by express, 70c. per lb.

ACME, or BALTIMORE. This melon is the most popular of all in Baltimore markets and throughout Maryland, where it is known as Baltimore Citron. It has of late years also become prominent in Philadelphia and New York markets as Acme Cantaloupe, and in its season is now much sought after by the best hotels and restaurants, owing to its handsome appearance and excellent quality. It is quite early, very large and showy, pointed at the ends, as shown in cut, strongly netted, thick, rich, green flesh. It is unquestionably one of the best and most profitable varieties for shipping to distant markets. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 50c.; 5 lbs. and over, by freight or express, 60c. per lb.

NEW EARLY HACKENSAK. This valuable variety is ready for market fully ten days ahead of the well-known Hackensack, its progenitor, which it much resembles in size, shape and quality. The melons are almost equal in size to the old Hackensack, weighing from five to ten pounds each. It is also very productive, bearing five to six melons on the vine, all of which are very deep netted. Its carrying and shipping qualities are equal to those of any known variety, and in popularity in the South, where it is grown for shipment to New York markets. Oz., 10c.; ½ lb., 25c.; lb., 50c.; 5 lbs. and over, 70c. per lb.

CHICAGO MARKET. A superior market variety, developed by Mr. A. Colvin, a well-known Chicago gardener. It is by far the most popular green-fleshed muskmelon in Chicago and other Western markets, and is steadily growing in favor in the East. It comes quite early for such a good-sized melon. Very uniform in size, deep green flesh, of excellent quality. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 50c.; 5 lbs. and over, 70c. per lb.
THE PRINCESS MUSKMELON.

We feel justly proud in having been, in 1888, the first seedsmen to offer to the public a new variety of such extraordinary value. IN 1888, 1889 and 1890 OVER TWO THOUSAND MARKET GARDENERS PRONOUNCED THE PRINCESS TO BE THE FINEST AND SWEETEST OF ALL MELONS. It is quite distinct from all other varieties, and possesses so many strong points of superiority that it has speedily become the most popular variety for family and market purposes. The Princess is a chance seedling, discovered some years since by one of our customers, a large melon grower near Boston, who claims to have sold them as high as $2.50 each, to fancy restaurants in Boston, owing to their extremely beauteous appearance, wonderful weight and thick flesh when opened. Our engraving, made from Nature, shows their shape, which is nearly round, with heavily-netted, dark green skin; the flesh is of a rich salmon color, thicker than in any other melon, and in flavor is sweet and luscious beyond description. They ripen early and grow to good size, frequently weighting eight to ten pounds each. The vines grow vigorously and are very productive. We have counted eight perfect melons on a single vine. We are glad to state that our crop of seed of this grand melon was so good the past season that we can now offer it at a moderate price, within the reach of all. Pkt., 10c.; oz., 15c.; ½ lb., 50c.; lb., $1.50.

WARD'S NECTAR. An exceedingly sweet and delicious green fleshed variety, considered by many growers the very best in flavor and quality of all the green fleshed sorts. Grows to good size; well netted and shape as shown in the accompanying cut. Those seeking a Musk melon for quality will find all they are looking for in the Ward's Nectar. Try it. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.

STARN'S FAVORITE. This new muskmelon is quite distinct from all other varieties. The melons are almost a perfect globe in shape and densely netted. They are very uniform in size, averaging about six pounds each. The flesh is thick, light green in color, and of rich, sweet flavor. Six melons of Champion Market will fill a market basket. The vines are very vigorous, remarkably healthy, and very productive. The melons mature early and all ripen up finely. It is an excellent shipper and a most popular variety for market. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; ½ lb., 50c.; lb., $1.50.

EMERALD GEM. This most excellent new muskmelon originated in Michigan. It is of superior flavor and quality: the skin is an emerald green color and quite smooth; they ripen early and produce well, being about the size of our Golden Gem; the flesh is light red or salmon, very thick, juicy and crystalline, and luscious in flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; ½ lb., 50c.; lb., $1.00.

ALVIN ADKINS, Newport, O., Oct. 3, 1890, writes: "I feel it my duty to say to you that your Golden Gem Musk melon seed was more than satisfactory. We had a fine large crop from your seed. Iacked about two or three pounds of having enough of your seed, and being late, I got a few of another seedsmen; these proved a poor, mixed-up mess. I would have lost $1,000 this year had I planted this so-called Gem seed. Yours were the genuine, and so long as I get such seed you can look for my orders, ad infinitum."

DE WAYNE PULLEN, Dayton Island, Fla., Sept. 27, 1890, writes: "I am very much pleased with the Giant of Colorado and the Dixie Watermelons, they are simply immense and all you claim."

RANDOLPH E. KING, Pleasantville, N. J., Sept. 5, 1890, writes: "We are working hard this summer, and the Adkins Gold Gem Seed is the best we ever had from you. Your Extra Early Prize Jenny Lind Citron was the best I ever saw. Your Market Champion for an early tomato, and the Brandywine for late, are especially suited for our sandy soil. There are no others so fine flavored and so solid."

GEORGE T. ROBINSON, Easton, Md., Sept. 23, 1899, writes: "Your Surprise Cantaloupe was the best I ever raised, my crop being the largest this year than I have ever had of other varieties. The Golden Queen Pepper is the very best I ever saw."

JNO. S. BRESSLER, Halifax, Pa., writes: "The Princess Melon cannot be overpraised, they are sweet, delicious, and a most salable melon. They come up finely to representation."

JAS. O. WALTERS, Academy, Ohio, writes: "Your Princess Muskmelon surpassed in all respects any other raised here. The Christmas Watermelon is also a beauty."
The seed of the Giant of Colorado Muskmelon was first discovered three years ago by one of our representatives while travelling in Colorado, the grower claimed that he had frequently grown them to weigh fifty pounds and over, and owing to their delicious flavor and quality were quite noted and much sought after in Denver and other home markets. We have found these claims fully substantiated, and can honestly recommend them as the largest and most showy of all muskmelons. Several customers to whom we sent the seed the last two seasons report weights of from forty to fifty pounds and many first premiums at State and County Fairs. They are well suited to heavy soils, and grow uniformly as large as good-sized watermelons. The flesh is green, melting and sugary. Our engraving above, made from a magnifieent specimen, which turned the scale at fifty-one and one-fourth pounds, will give some idea of their great size, handsome shape and appearance—as an exhibitioh variety they are unequaled. If you want to astonish everybody, include a packet of Colorado Giant in your order.

Pkt., 15c.; 2 pkts., 25c.; 5 pkts., 50c.; 1/4 lb., $1.50; 1 lb., $2.00.

THE PERSIAN MONARCH. The fact of this grand new cantaloupe coming from Persia, the original home of the muskmelon, would probably be sufficient recommendation of itself for the most of our customers to give it a trial, as some of our very finest and oldest varieties come from this same source. After thorough and exhaustive trials we have selected The Shah (as it is called in Persia) or Persian Monarch as decidedly the best of all foreign muskmelons, being much the richest in quality, in fact, unapproached by any other in delicious flavor, wonderful productiveness, hardiness and distinctive handsome appearance. The flesh is much thicker and the rind thinner than in any other, or, as a friend remarked in testing their quality, "There is three times as much eating in one of these melons as in any other, and good eating, too, fit for the gods," They grow to medium size, with very thick, rich salmon-colored flesh.

Pkt., 15c.; 2 pkts., 25c.; 5 pkts., 50c.; oz., $1.00.
MONTREAL GREEN NUTMEG. This variety is largely grown by market gardeners in the neighborhood of Quebec and Montreal, Canada, from whence it takes its name. The fruit is nearly round, slightly flattened at the ends, with a densely netted green skin. They grow to a very large, uniform size, averaging from fifteen to twenty pounds in weight. The flesh is remarkably thick, and of splendid flavor. One of its best qualities is its excellent keeping quality, and it is widely used for market gardens, and also for the fresh market. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.; 5 lbs. and over, by express, 60c. per lb.

PERFECTION. A new variety originated in Chenango County, N. Y. It is highly spoken of by all who have grown it. Large size, strongly netted, shape round, and distinct from all others; rich, salmon-colored flesh of fine flavor. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

Hackensack, or Turk's Cap. A variety of the Green Citron; deeply netted, very large and productive, of excellent flavor; prolific and fine market. Pkt., 10c.; oz., 25c.; lb., 50c.; 5 lbs., $1.00.

CHOICE IMPORTED MUSKMELONS. We offer seed of each of the following varieties at 10 cents per packet, or 3 packets for 25 cents.

NEW FRENCH MUSKMELON—De Passy. ALGIERS CANTALOUCHE. NEAPOLITAN. HARDY RIDGE, or Prescott. Italian and French varieties mixed.

MELON, WATER. One ounce will plant about fifty hills, and four pounds will plant one acre.

JOHNSON'S DIXIE. An entirely new Southern variety, surpassing the celebrated Kolb Gem in productive- ness and shipping qualities. See Novelties, page 1. Pkt., 15c.; oz., 30c.; ½ lb., $1.25; lb., $4.50.

STOKES' EXTRA EARLY MELON.—EARLIEST OF ALL. STOKES' EXTRA EARLY. This new melon, introduced by us, is widely spoken of as the earliest of all. One packet will plant about five seeds.

THE DELMONICO MUSKMELON. THE DELMONICO. The shape and appearance of this new melon is well depicted in the above illustration. The flesh is of a beautiful orange pink, and for excellence in quality, all lovers of good melons should try the Delmonico. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 50c.
SCALY BARK. This variety originated in Georgia. The skin is dark green, quite smooth and has a peculiar seedy appearance. It is an unusually productive sort, the average weight of the melons being forty to fifty pounds, although it is not unusual for specimens to reach seventy pounds. The flesh is light crimson, solid, tender and of exquisite flavor; remains in choice eating condition long after being pulled. The rind, though quite thin, is remarkably tough. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 70c.

CUBAN QUEEN. Skin beautifully striped, dark and light green. Their flesh is bright red, remarkably solid, juicy, crisp and sugary; very solid and the best of keepers; excellent to ship to distant markets. They have been grown over one hundred years and are enormously productive. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

RUBY GOLD. This melon was introduced by a few houses last spring, under the claim of the flesh being veined with yellow and red. In our trials, however, we found the specimens bright red and others with intensely yellow flesh, but have never seen a particolored one. The originator’s description does not therefore hold with us; we think this statement due to our customers, that those who purchase seed may not be disappointed. Pkt., 10c.; oz., 20c.

SEMINOLE. This new variety of melon originated by the New Seminole Co., in our tests the past two seasons we found it one of the best of melons in quality, growing to an extra large size; extra early and very productive. All three of firm color and of good quality. Pkt., 5c.; oz., 10c.; ½ lb., 50c.; lb., 100c.

Three New Watermelons.

THE DELAWARE. A fine new variety, originated by Mr. Paynter Frame, of Delaware, the originator of the Iron-Clad, being a cross of that variety, with Mountain Sweet. The shape is oblong, and skin striped light and dark green as shown in accompanying illustration. It is said to grow larger and ripen earlier than the Iron-Clad, and is very handsome and fine keeper and fine shipper. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.00; 5 lbs., $4.00.

WHITE GEM. A new round white-skinned variety, somewhat resembling the well-known Russian Volga, but said to have come originally from China. It is extremely hardy and productive, and thrives well in our climate; flesh pink and of delicious flavor, rich, thin, but very tough and hard. Pkt., 5c.; oz., 15c.; ½ lb., 30c.

GREEN AND GOLD. This is a fine new, large melon, with flesh of beautiful orange color, of delicious quality. We have tested this variety for two seasons and can recommend it as a fine family melon, as well as a curiosity. Of course, the color of the flesh is great as it a market variety. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.00.
IMPROVED MOUNTAIN SPROUT. Large, long, dark green skin; good quality; a good market variety. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 60c.; 5 lbs., $1.25.

IMPROVED MOUNTAIN SWEET. A general favorite for market; early, large, flesh red, solid, rich and sweet. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 60c.; 5 lbs., $2.25. Mountain Sweet. An old standard variety, large size, good flavor. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

ICE CREAM, or PEERLESS. True, white seed, of medium size, early, green skin, very thin rind, flesh solid, scarlet, crisp and of a delicious flavor; an excellent variety. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

HUNGARIAN HONEY. A new variety brought from Hungary a few years since. They grow round as a cannon ball, as shown in accompanying illustration, and are very uniform in size and weight, running from ten to twelve pounds. The outside skin is dark green, rind very thin, flesh red and unusually sweet and luscious to the taste. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

GIRARDEAU'S FLORIDA FAVORITE. This variety is a hybrid of the Rattlesnake and Pierson, the latter being a celebrated home variety in Florida. It is pronounced by all who have grown it, the finest table melon extant; oblong in shape, growing to very large size; rind dark, with light green stripes; flesh light crimson, very crisp and deliciously sweet. It ripens about ten days earlier than Kolb Gem, Iron-Clad or Rattlesnake. We offer seed grown by the originator. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

PRIDE OF GEORGIA. This new melon originated in Monroe County, Georgia. The rind is dark green, shape nearly oval, and color ideal, like an orange: flesh rich scarlet, very sweet and crisp; attains a large size, and a good shipper. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

BLACK CANON. Large, round, very dark green skin; flesh red, sweet and delicious; an excellent market variety. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

GEORGIA GYPSY, or RATTLESNAKE. A superior early market variety, large, oblong; skin green, mottled and striped. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

THE VOLGA. A Russian variety. Cultivated on the lower Volga near the Caspian Sea, for shipment in barrels to St. Petersburg and Moscow. In solidity and hardship it is remarkable, and therefore carries well. In productiveness it surpasses most other melons. In form it is nearly perfectly globular. In color it is so pale green as to be nearly white. The flesh is remarkably crisp, and when fully ripe, very sweet, luscious, and red. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

PHINEYS EARLY. Very thin rind, flesh scarlet, sweet, luscious; medium in size, oblong in shape and very early. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

KENTUCKY WONDER. This is a new reseeded variety, and we have never known a reseeded watermelon that was not at least equal, one being the best we have ever grown. In shape it is oblong, as shown in above cut; skin dark green, marbled in stripes of light green; flesh a beautiful scarlet, crisp, tender, rich and sandy flavor, always firm, and never mealy. Attains an average weight of forty to sixty pounds. Not a mammoth variety, but a real good, old-fashioned Kentucky melon, that has few equals in quality. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.
MUSHROOM SPAWN.

Mushrooms are much more easily cultivated than is generally supposed. They can be successfully grown in a cellar or shed, or in beds in open air, prepared in the same manner as hot-beds. Full directions for culture are furnished with each order for spawn.

French Mushroom Spawn. In boxes containing two pounds each, full directions for growing in each box. $1.00 per box, post-paid, or 25c, per dozen, post-paid.

English Spawn. In pound bricks, by mail, post-paid, each, 30c.; by express, per dozen bricks, $1.50.

We grow each season large quantities of white, yellow and red onion sets from our Philadelphia onion seed, which, being earlier, make sets of better quality for keeping or immediate use than that grown in any other section. Philadelphia-grown onion sets are everywhere recognized as the best and are annually supplied to dealers and gardeners in every market of the United States. As the price varies with the market, we shall be glad to quote prices by the bushel or barrel of three bushels when requested to do so.

Those desiring to grow onion sets will find full directions for growing, harvesting and storing in our book of $100 Prize Essays, sent free to all purchasers of seeds from this catalogue to the amount of $3.00 and over.

YELLOW DUTCH and DAVERS ONION SETS, each, per qt., 20c.; qt., post-paid, 30c.

EXTRA EARLY RED ONION SETS, per qt., 25c.; qt., post-paid, 35c.

AMERICAN EXTRA EARLY PEARL ONION SETS, per qt., 30c.; qt., post-paid, 50c.

WHITE ONION SETS, qt., 30c.; qt., post-paid, 40c.

POTATO ONION SETS, per qt., 40c.; qt., post-paid, 50c.

TOP ONION SETS, per qt., 30c.; qt., post-paid, 40c.

EGYPTIAN WINTER, or PERENNIAL TREE ONION SETS, per qt., 40c.; qt., post-paid, 50c.

WE ARE HEADQUARTERS FOR ONION SETS, and sell cheaper by the peck, bushel or barrel. We will quote special prices on application. We grow sets of the foreign onions for full shipments only, as the sets are hard to keep over winter and should be planted in the fall.
No one can appreciate the value of reliable seeds better than those who have been once disappointed, and too much care cannot be exercised in selecting your supply. There is no vegetable where the quality of the seed exerts a greater influence upon the crop than in onions. Our stock is all grown from choice bulbs, selected carefully by hand, and is unsurpassed in this country. During our whole business career as seedsmen, it has always been our aim to make quality a first consideration, price afterwards, and in no one crop have we met with greater reward for our efforts than in onions, the demand for our seed having increased so rapidly that we have been obliged to double our facilities for growing every year for several years past.

There is no crop, perhaps, more sure than that of onions. Rich soil, with a good application of manure every year, and proper fertilization, will almost invariably insure a good crop. Five hundred bushels per acre is a medium crop, while from eight to twelve hundred bushels are not unusual under the best cultivation. There are three varieties of onions commonly raised, namely, red, white and yellow. The yellow ones take the lead, as they are more hardy, grow larger, and bear handling better. Onions, unlike most other crops, may be raised on the same ground for an indefinite length of time.

Full information for Culture, Storage and Marketing, of both onions and onion sets, will be found in our book of $100 Prize Essays. This book is sent free with all orders to the amount of $3.00 and over.

PHILADELPHIA-GROWN SEED, or such raised in that portion of Pennsylvania, is unquestionably earlier than New England seed, and still more so as compared with Western seed. This is an important feature, as the early marketed onions always bring the highest prices. The growth conclusively proves the assertion, Philadelphia seed making bulbs of better quality for keeping or immediate use either as sets or full-sized onions, long before seed from any other locality. Large, full-sized onions can be grown from our seed the first season in any section of the United States, both North and South, at no greater cost than carrots, parsnips, beets, rutabagas, or the onion sets themselves, while the net return per acre will be from two to five times as great. Five pounds of seed will sow an acre for this purpose.

To grow small sets, fifty to sixty pounds to the acre is required.

TESTED.—Our seed is all of 1890 crop; is unusually plump and heavy, and we have, as is our invariable custom with all our seed, given the seed the most thorough sowing tests, and find the germinating percentage to average exceedingly high this season, notwithstanding the crop is shorter than for several years past.

Philadelphia Yellow Globe Danvers Onion.

This improved variety is pronounced by all market gardeners and onion growers everywhere, who have tried it, the very best strain of Yellow Danvers in cultivation. We have hundreds of such testimonials on file in our office, and regret we have not room to publish them. It is the earliest yellow variety, largest in size, most perfect in shape, the largest cropper and the best keeper of all American onions. In fact, it is everything that could be desired as a market or table onion. Prices of our pedigree seed grown from selected, hand-picked bulbs: Pkt., 10c.; oz., 20c.; ½ lb., 50c.; lb., $1.00, post-paid; 5 lbs, and over, by express or freight, $1.40 per lb.
Onion growers who prefer the red varieties will find this a magnificent strain, far surpassing the ordinary Red Wethersfield in size, productivity, and keeping qualities. It is of the finest form, skin deep purplish-red, flesh purplish-white, much finer-grained than many of the red sorts. Immense crops of this onion are grown each season, from our seed, by some of the largest growers in the United States, who realize the very highest prices for their crops. Pkt., 10c.; oz., 20c.; ½ lb., 45c.; lb., $1.60; 5 lbs. and over, by express or freight, $1.40 per lb.

SPECIAL NOTICE!

Beware of cheap Onion Seed. Many thousand pounds of California seed are annually sent to the Eastern market, and any market gardener or grower who has once tried it is never very anxious to do so again. Our Philadelphia-grown seed will produce one-third more Onions to the acre, of far better quality for keeping or immediate use.

EXTRA LARGE RED WETHERSFIELD ONION.

GOLDEN BALL ONIONS.

These highly valuable, new and distinct American onions originated with Mr. John R. Williamson, of Ohio, one of the largest and most successful onion growers of that State. Mr. Williamson’s onions have been long and favorably known by a few Eastern commission houses as the best in the market, and much sought after late in the season, owing to their excellent keeping qualities, fine appearance and handsome shape.

The accompanying engravings, made from Nature, show the shape and general appearance. These varieties are sure to bottom well; in fact, 100 plants, if cultivated properly, will produce 100 fine, perfect, full-proportioned onions, of much better quality and appearance than the Southport Globe varieties. These extra qualities always insure extra prices to the growers.

Golden Ball Onion.

The color of the skin is between a golden and rich brown, flesh of exquisite whiteness, mild, well-flavored and of unapproachable quality, and occupying the very first rank as a keeping variety. Pkt., 10c.; oz., 25c.; ¼ lb., 70c.; 1 lb., $2.50.

Ivory Ball Onion.

In size, shape and keeping qualities, this variety is an exact counterpart of our Golden Ball. The skin and flesh, however, are of a pearly whiteness and a smooth, round and handsome that, to a casual observer, might easily be taken for billiard balls. It is just as easy to grow as the yellow varieties, and we recommend it to market growers in preference for the reason that white-skinned usually command a higher price than yellow onions. Pkt., 10c.; oz., 30c.; ¼ lb., 80c.; lb., $3.00.

In comparing our prices with others, please remember that we PAY THE POSTAGE, and if the seed is ordered by freight or express, it is at the expense of the purchaser, 10c. PER POUND may be deducted.
The TRUE AMERICAN EXTRA EARLY PEARL ONION is the earliest and best of all the white varieties. It grows to enormous size and shape, as shown in our illustration above; of pearly white color, the outer skin having a most showy waxy appearance, flesh of a pure, snow white, and flavor so mild that it can be eaten like an apple. It grows with wonderful rapidity, reaching the first season, from seed, the enormous size of six to seven inches diameter, frequently weighing three to four pounds each. A splendid keeper, succeeding everywhere, and requiring only thin soil. Our seed of this wonderful variety is Philadelphia grown, and should not be confounded with a cheap, imported variety offered by some dealers as Silver White Eun, or Early Pearl, which is an entirely different onion, although somewhat resembling the American Extra Early Pearl in shape, being flatter, not as thick through, and it is vastly inferior in size and keeping qualities to the Genuine American Extra Early Pearl grown and sold by us. Pkt., 10c.; oz., 30c.; | lb., $1.00; | lb., $3.50.

NEW WHITE BUNCH ONION. This variety is unquestionably the best onion for selling in bunches or using in a green state. It is a very early vigorous grower and produces large, showy, white onions of the finest quality. Pkt., 10c.; oz., 20c.; | lb., 50c.; | lb., $2.00.

NEW YELLOW EGG ONION. A few gardeners, who have grown and controlled this handsome onion for several years past, have made a profitable thing out of it. It is egg-shaped. The flesh is pure white, and of very delicate fine flavor. The outside skin is a deep golden yellow. They are so very handsome and attractive that they sell at sight in market, and where known, are preferred over all other varieties. Pkt., 10c.; oz., 30c.; | lb., 50c.; | lb., $1.00.

Onion Seed by Express or Freight.

<table>
<thead>
<tr>
<th>Seed Type</th>
<th>Per lb.</th>
<th>Per 5 lbs.</th>
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<tbody>
<tr>
<td>Early Round Yellow Danvers</td>
<td>81 15</td>
<td>3$ 50</td>
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<tr>
<td>Philadelphia Yellow Dutch, or Strasburg</td>
<td>1 40</td>
<td>6 50</td>
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<tr>
<td>Extra Large Red Wethersfield</td>
<td>1 50</td>
<td>7 00</td>
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<tr>
<td>Phila. Yellow Globe Danvers</td>
<td>1 50</td>
<td>7 00</td>
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<tr>
<td>Early Red Globe</td>
<td>1 90</td>
<td>7 00</td>
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<tr>
<td>Extra Early Red</td>
<td>1 90</td>
<td>7 00</td>
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<tr>
<td>New Golden Ball</td>
<td>2 40</td>
<td>11 25</td>
</tr>
<tr>
<td>New Ivory Ball</td>
<td>2 90</td>
<td>13 75</td>
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<tr>
<td>White Globe</td>
<td>2 40</td>
<td>11 50</td>
</tr>
<tr>
<td>White Portugal, or Silverskin</td>
<td>2 40</td>
<td>10 50</td>
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<tr>
<td>Hard Round Silverskin Pickling</td>
<td>1 63</td>
<td>8 00</td>
</tr>
<tr>
<td>Southport Large Red Globe</td>
<td>1 65</td>
<td>8 00</td>
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<tr>
<td>Southport Large Yellow Globe</td>
<td>1 65</td>
<td>8 00</td>
</tr>
<tr>
<td>American Extra Early Pearl</td>
<td>3 40</td>
<td>15 00</td>
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<tr>
<td>Spanish King, or Prizetaker</td>
<td>3 40</td>
<td>15 00</td>
</tr>
<tr>
<td>New Madrid Giant</td>
<td>3 90</td>
<td>19 60</td>
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EARLY RED GLOBE. A new variety, maturing as early as the Extra Early Flat Red, but of a beautiful globe shape, as shown in above cut; skin deep red, flesh mild and tender, an excellent keeper and very desirable for market use. Pkt., 10¢; oz., 25¢; ½ lb., 60¢; lb., $2.00.

EXTRA EARLY RED. Ten days to two weeks earlier than Red Globe. Large size, of medium size and deep red color, an abundant producer, and of good form and flavor, keeping well. It is well adapted to the cold, mucky soils of the North and Northwest, whereas other varieties fail to produce full-sized onions. Pkt., 5¢; oz., 15¢; ½ lb., 45¢; lb., $1.00.

WHITE SILVER SKIN, or PORTUGAL. A good variety for family use; skin and flesh pure white, mild flavor and flat shape, as shown in above cut. The best white onion to grow largely for sets. Pkt., 10¢; oz., 25¢; ½ lb., 60¢; lb., $2.25; 5 lbs. and over, by express, $2.40 per lb.

PHILADELPHIA YELLOW BULB, or STRASBURG. An excellent variety, bulbs somewhat flat, as shown in cut, of good size, skin yellow, flesh white, of mild flavor. The most popular for sets, owing to its handsome shape and great keeping qualities. Pkt., 5¢; oz., 15¢; ½ lb., 40¢; lb., $1.50; 7 lbs., and over, by express or freight, $1.30 per lb.

ROUND YELLOW DAVENERS. Our superior stock of this celebrated variety is of fine shape; grows to good size, with thin yellow skin, white flesh, fine grained, mild flavor, and excellent quality. It ripens early, frequently producing from six hundred to eight hundred bushels to the acre; keeps well and is considered a splendid sort. Pkt., 5¢; oz., 15¢; ½ lb., 60¢; lb., $2.25, post-paid. By express or freight, in quantities of 5 lbs. and over, $1.10 per lb.

SOUTHPORT LARGE YELLOW GLOBE. This new American variety is entirely distinct from the Daveners. It is a very handsome, round or globe-shaped variety, of large size, with thin yellow skin, white flesh, fine grained, mild, very firm and the best of keepers. It ripens early and sells readily at the highest prices in our market. It is a most reliable variety for bottoming, and entirely free from scullions. Pkt., 5¢; oz., 15¢; ½ lb., 50¢; lb., $1.75; 5 lbs. and over, by express or freight, $1.60 per lb.

SOUTHPORT LARGE RED GLOBE. This variety is very similar to the Southport Yellow Globe in shape and size, but ripens somewhat later, maturing a few days later than the Red Wetherfield. It is a splendid keeper and in quality is superior to most other red varieties. Pkt., 5¢; oz., 25¢; ½ lb., 50¢; lb., $1.75.

WHITE GLOBE. A large, firm, globe-shaped variety, with white skin; fine flesh; handsome in shape and a good keeper. Pkt., 10¢; oz., 25¢; ½ lb., 75¢; lb., $2.50.

HARD ROUND SILVER SKIN FOR PICKLING. The best onion for pickling, producing uniform small round handsome onions, with pure white skin, never turning green from exposure. Pkt., 5¢; oz., 25¢; ½ lb., 75¢; lb., $1.75.

MAMMOTH SILVER KING. This mammoth variety is of attractive shape, with silvery white skin and flesh, of a most agreeable mild flavor. It matures a little later than our Extra Early Pearl, of flatter shape, reaching a very large size, and frequently measuring twenty inches in circumference, weighing three to four and a half pounds. Pkt., 10¢; oz., 25¢; ½ lb., 75¢; lb., $2.50.

ITALIAN ONIONS. The following varieties we have imported from the most reliable growers of Italy. They have all been tested and have proven a perfect success in every section of this country, and are largely grown for market, being milder in flavor than American varieties, and well adapted for early market and home garden use. They are of wonderful quick growth, forming fine large onions in a short time from sowing.

NEW WHITE ADRIATIC BARLETTA. The earliest, neatest and smallest onion grown; valuable for pickling or table use. Its great rapidity of growth will astonish everyone who tries it. Pkt., 10¢; oz., 25¢; ½ lb., 75¢; lb., $2.50.

MAMMOTH POMPEII, or COPPER KING. Grows to enormous sizes, skin of a dark red color, flesh white, and unusually mild in flavor. Fine exhibition and market variety. Pkt., 10¢; oz., 25¢; ½ lb., 75¢; lb., $2.00.

NEW GIANTS RED ROCCA. This magnificent variety resembles the popular Brown Rocca in shape and size, except that the skin is of a beautiful bright red; flesh white and mild in flavor, growing to very large size. Pkt., 5¢; oz., 15¢; ½ lb., 45¢; lb., $1.50.

NEW GOLDEN QUEEN. This new Italian variety is a perfect model. Skin of a delicate golden straw color. It possesses all the characteristics of rapidity of growth and good keeping properties for which the White Queen is famous. Pkt., 10¢; oz., 25¢; ½ lb., 75¢; lb., $2.25.

WHITE QUEEN. A rajah grower, white skin, of mild flavor, early and remarkable for its keeping qualities. Pkt., 5¢; oz., 15¢; ½ lb., 45¢; lb., $1.50.

GIANT ROCCA OF NAPLES. Large, of globular shape, bright brown skin, and delicate flavor, sometimes weighing three pounds and over. Valuable and remarkably handsome. Pkt., 5¢; oz., 15¢; ½ lb., 45¢; lb., $1.50.

ONION SETS* We are headquarters for Onion Sets and have always in stock sets of the Yellow Dutch or Strasburg, Yellow Drovers, Extra Early Red and White Silver Skin, grown from our Pedigree Philadelphia Seed. Special prices will be quoted by the Peck, Bushel or Barrel. See page 50.

TRUE - BERMUDA - ONION - SEED. Our sales of this valuable early variety, the true stock of which is often difficult to obtain, have been increasing rapidly each year. We import it in very large quantities, and are consequently enabled to make our prices extremely low.

Pkt. oz. ½ lb. lb.
Bermuda Onion Seed, Pale Red, 10 20 60 $2.00
Pure White, 10 20 65 2.25

* BERMUDA ONION.
THE SPANISH KING, or Prize-Taker Onion.

We first introduced this handsome variety from Barcelona, Spain, four years ago, and have received hundreds of testimonial letters from growers, who all agree in pronouncing the Spanish King the largest, handsomest and most profitable variety they have ever grown. It is the large, beautiful onion that is seen every fall on sale at the fruit stores and stands in the large cities. The outside skin is of a rich, yellow straw color, while the flesh is white, sweet, mild and tender. They bottom well, are free from split necks, and have produced more bushels (1127) of marketable onions to the acre than any other variety known. In market it attracts marked attention, and although only offered to a limited extent has always been picked out and selected at three times the prices of any other sort on sale. Pkt., 10c; oz., 30c; ½ lb., $1.25; lb., $3.50.

That well-known agricultural paper, Orchard and Garden, contained the following in its notes on onion tests:

"We grew twenty-three varieties from seed, side by side, the past season. Among all these, the Spanish King, introduced by Johnson & Stokes, was the only one with which we were entirely satisfied, and had we sowed the whole patch with this, the product would have been four times as large as it actually turned out. The bulbs were by far the largest of all, and among the rest we had Silver King and a number of other Mammoth sorts."
PARSLEY.

One ounce will sow one hundred and forty feet of drill.

EMERALD, or DWARF EXTRA CURLED. Leaves tender, beautifully crimped; handsome bright green color, very ornamental. Pkt., 5¢; oz., 30c.; ½ lb., 50c.; lb., $1.00.

MARKET GARDENERS’ BEST. The best points yet obtained in parsley have certainly been reached in this sort. The plant is of very robust and free growth and is greatly improved by severe cutting. The leaves are large and beautifully cut and of a dark green hue and very fine for either open ground or frame culture. It stands heat, drought and cold better than any other sort. Pkt., 5¢; oz., 25c.; ½ lb., 35c.; lb., $1.25.

Double Curled. A curled variety for garnishing and seasoning. Pkt., 5¢; oz., 20c.; ½ lb., 35c.; lb., 75c.

CHAMPION MOSS CURLED. Leaves crimped and curled like a bed of moss, giving a most beautiful decorative appearance. Pkt., 5¢; oz., 20c.; ¼ lb., 30c.; lb., $1.00.

NEW FERN-LEAVED. Very curly, of fine form and color; used for garnishing as well as for a decorative plant. Pkt., 5¢; oz., 20c.; ¼ lb., 25c.; lb., 50c.

Plain or Single. Dark green, with plain leaves; very hardy. Pkt., 5¢; oz., 20c.; ½ lb., 25c.; lb., 50c.

Hamburg, or Turnip-rooted. A very popular variety in Europe. Fine, fleshy, vegetable roots, which are used in soups, etc. Pkt., 5¢; oz., 20c.; ½ lb., 25c.; lb., 50c.

PARSNIP.

One ounce will sow about two hundred feet of drill; five pounds will sow one acre.

NEW IDEAL, HOLLOW CROWN. We offer a greatly improved and wonderfully fine strain of the Hollow Crown Parsnip. The roots do not grow as long as the old hollow crown variety, are of larger diameter and more densely gathered. It is a very heavy cropper. The roots are very smooth, flesh fine grained and of excellent quality, the best variety for the market or home garden. Pkt., 5¢; oz., 25c.; ½ lb., 25c.; lb., 75c.

Large Sugar, or Long Smooth. Cuts long, white, smooth, tender, sugary, excellent flavor. Pkt., 5¢; oz., 20c.; ½ lb., 25c.; lb., 50c.

Johnson & Stokes’ Selected Extra Early Pea.

This Extra Early Pea, bearing our brand, is a careful selection of our own, and will be found entirely distinct and superior to any other. Over 5,000 bushels of these peas were sold by us in 1889 to the market gardeners of the United States. No other pea grown has ever made such a record as this. Our pea farm is situated sixty-seven miles farther North than any other, which largely contributes to their extreme earliness and fine dwarf habit. The pod is of a dark green color, of full round shape, and of strong texture, which especially fits it for shipping long distances. On average soil it will not exceed eighteen inches in height, and does not require stakes or brush of any kind for support. So evenly do the pods fill up, that frequently the entire crop can be gathered at one picking, which is a very valuable feature for the Market Gardener. All those requiring a pea to withstand the extreme cold weather should not fail to plant this sort. The far Northern point at which it is grown renders it almost proof against cold, and the best for early spring or late fall crop. While thousands of market gardeners have pronounced this pea unequalled in earliness, yield and regularity of growth, and in every sense a perfect trucker’s pea, yet at the same time we know of no other variety more popular or better adapted to private gardens. Pkt., 10c.; pint, 30c.; qt., 50c.; post-paid. Qt., 50c.; peck, $1.15; bush., $4.25; 5 bush. and over, $1.00 per bush., by freight or express.
DELICIOUS NEW PEA—SUTTON'S SATISFACTION.

A new pea from England, introduced by us two years ago, and which, according to the estimates of those who have tested it, promises to surpass the now celebrated Telephone and Strategem. Their table qualities are the most toothsome and delicious flavored of any known variety of either American or foreign origin. This is high praise, but we believe does only justice to the Satisfaction Pea. The vine grows vigorously to a height of about two and one-half feet, requiring no brush or sticks to hold them up, being very stocky and robust and literally filled with large showy pods, which almost hide completely their dark green foliage, as shown in Illustration above. They follow closely our best early sorts, being ready for the table fifty to sixty days earlier than any other sort. The pods when dry are unusually large and of fine deep green color; when dry are very distinct in appearance, being much more wrinkled than any other sort.

WHAT THE LARGEST GROWERS OF PEAS AND BEANS IN THE WORLD THINK OF SUTTON'S SATISFACTION.

Messrs. B. R. Keeny & Son, who are well known as the largest pea growers in the world, write us, under date of October 27, 1890: "We are so much pleased with your Sutton's Satisfaction Pea that we want to report our test of same. The yield has been far greater than the average of all other varieties and the quality is first-class. They will be in brisk demand as soon as their fine qualities become known."

Sutton's Satisfaction has come to America to stay, not half-way up the ladder, but at the very topmost round. Pkt., 15c.; pint, 40c.; qt., $1.00; post-paid; qt., $3.00; peck, $5.00; bushel, $5.00.

PEAS.

One quart will plant one hundred feet of drill. One and one-half bushels will plant one acre. Let us remember that our prices on all Peas by the pint and quart include prepayment of postage by us. If ordered to be sent by freight or express, 5c. per pint, or 15c. per quart may be deducted.

LARGE PACKETS OF ANY VARIETY 10c. EACH.

Extra Early Varieties.

Those marked with (*) are wrinkled varieties.

BLUE BEAUTY. This new, sort, though not as early as our famous Johnson & Stokes' Selected Extra Early, still has many points of merit to recommend it. It is a blue, round pea, the pods of medium size, borne in great profusion and are well filled. In quality and flavor it cannot be surpassed by any other early smooth sort. The vines are very uniform in growth, rarely reaching more than eighteen inches in height. Pkt., 10c.; pint, 30c.; qt., 50c.; peck, $2.00; bushel, $5.00.

CLEVELAND'S ALASKA. The earliest blue pea, very uniform in growth. The dark green color of the pods makes it extremely desirable, as it can be carried long distances without losing color, which quality, combined with its earliness and uniformity of ripening, makes it a most desirable extra early pea for market gardeners; height, two feet. Pkt., 10c.; pint, 25c.; qt., 40c.; peck, $1.10; bushel, $4.00.

Philadelphia Extra Early. (Carter's First Crop, or Early Kent.) An excellent variety, combining earliness and productiveness; height, two and one-half feet. Pint, 25c.; qt., 30c.; peck, $1.00; bushel, $3.00.

Laxton's Alpha. The earliest blue wrinkled pea; prolific, of fine flavor; pods large, height, two and one-half feet. Pkt., 10c.; pint, 25c.; qt., 40c.; peck, $1.25.

AMERICAN WONDER. This pea is a hybrid between the Champion of England and Little Gem, and possesses the merits of both. It is the earliest wrinkled variety, growing to the height of ten inches; very robust, producing large well-filled pods; of fine flavor. Pkt., 10c.; pint, 25c.; qt., 40c.; peck, $1.60; bushel, $6.00.

*McLean's Little Gem. A first early, green wrinkled marrow, very prolific and of superior flavor; height one foot. Pint, 25c.; qt., 40c.; peck, $1.35; bushel, $5.00.

*Tom Thumb. Very dwarf, not exceeding two inches in the richest soil, productive and of excellent quality. Pkt., 10c.; pint, 25c.; qt., 40c.;

Improved Daniel O'Rourke. (First and Best.) Seven days later than Johnson & Stokes' Extra Early; very prolific; height, three feet. Qt., 35c.; peck, $1.00; bushel, $3.00.

*PREMIUM GEM. A fine, extra early variety; pods long and prolific; height, fifteen inches; fine for forcing. Pkt., 10c.; pint, 25c.; qt., 40c.; peck, $1.35; bushel, $5.00.

PEAS—Second Early Varieties.

*HORSEFORD'S MARKET GARDEN. This new wrinkled pen is the result of a cross between the Alpha and American Wonder. It requires no brushing; is extremely prolific, and bears its pods in pairs. One hundred and fifty-four pods have been counted on a single plant. Height, two feet. Pkt., 10c.; pint, 25c.; qt., 40c.; peck, $1.30; bushel, $5.00.

*McLean's Advance. A true market variety, prolific, early, tender and of delicious flavor; height, two and one-half feet. Pkt., 25c.; qt., 40c.; peck, $1.25; bushel, $5.00.

*BLISS EVERSHEARING. This new pea is a cross between the Little Gem and the Champion of England; height, two feet; foliage large, firm and bright green; pods three to four inches long, each pod producing from six to eight large wrinkled peas; its habit of growth is of a peculiar branching character, forming as many as ten stalks from one root-stalk. Pkt., 25c.; qt., 40c.; peck, $1.35; bushel, $5.00.

*BLISS ABUNDANCE. This new variety is claimed to be the most prolific variety known. Plant about eighteen inches high; foliage large, thick, full and dark green. Pods three to three and one-half inches long, roundish, and well filled, containing six to eight large wrinkled peas of excellent quality. Pkt, 25c.; qt., 40c.; peck, $1.35; bushel, $5.00.
PEAS—Late Varieties for General Crop.

Large Pkt., 10c. each, post-paid.

NEW GIANT PODDED MARROW. The hardest, most productive and largest podded of all late peas. See colored illustration on back of this book and Specialties, page 12. Your garden will not be complete without this fine pea. Pkt., 15c.; pint, 40c.; qt., 75c.

LAXTON'S EVOLUTION. A new pea from England, growing about three feet in height, branching and bearing continuously the whole season; pods are very fine and large, containing eight to ten fine large wrinkled peas of unusually rich, sugary flavor. Pkt., 10c.; pint, 30c.; qt., 50c.

LONG ISLAND MAMMOTH (New). A favorite with the Long Island market gardeners, where it was originally introduced. An excellent cropper. Pods large-size and well filled with peas of very good quality and earlier than the Champion of England. Seed green, height, three and one-half feet. Pkt., 35c.; qt., 60c.; peck, $1.00; bushel, $7.00.

PRIDE OF THE MARKET. Another famous new pea from England, although introduced there but a few years since, has become one of the most popular market peas. It bears very long pods, filled with fine large peas of superb quality. Height, one and one-half feet. Pkt., 10c.; pint, 30c.; qt., 50c.; peck, $1.50; bushel, $7.50.

CARTER'S TELEPHONE. A very robust and productive English wrinkled variety, with long pods containing ten to twelve very large, fine flavored peas. It is an enormous cropper; height, four and one-half feet. Pkt., 35c.; qt., 60c.; peck, $1.75; bushel, $8.75.

CHAMPION OF ENGLAND. A most popular wrinkled variety of delicious flavor; a profuse bearer; height, five feet. Pint, 20c.; qt., 40c.; peck, $1.10; bushel, $4.00.

Yorkshire Hero. A large, wrinkled, luscious and prolific variety; pods long, round and closely filled; for late crop it has few equals; height, three feet. Pint, 25c.; qt., 45c.; peck, $1.25; bushel, $5.25.

DWARF BLUE IMPERIAL. A favorite with market gardeners; a good bearer; fine flavor; height: two and one-half feet. Pint, 20c.; qt., 50c.; peck, $1.00; bushel, $5.50.

ROYAL DWARF WHITE MARIOWAT. A large, delicious cropper; produces large pods and a fine cropper and a favorite with market gardeners; height, two feet. Pint, 15c.; qt., 30c.; peck, 75c.; bushel, $2.50.

Dwarf Sugar. Edible pods when young; fine flavor; used like snap beans, also as a shelled variety; height, two feet. Pkt., 10c.; pint, 90c.; qt., 50c.

Large White Marrowfat. A favorite late variety, with broad well-filled pods; height, three feet. Qt., 30c.; peck, 60c.; bushel, $2.00; 5 bushel, and over, $2.80 per bushel.

Black-Eyed Marrowfat. This, as well as the White Marrowfat, is extensively grown as a field pea; hardy, productive, well-filled pods; height, three feet. Qt., 30c.; peck 60c.; bushel, $2.00; 5 bushel, and over, $1.85 per bushel.

PEAS—Field Varieties.


Canada Field Peas. Used as feed for pigeons, etc., and grown for canning; in a green state they are similar to the canned French peas. Qt., 30c.; bushel, $1.75.

PEANUT, OR GROUND PEA.

GEORGIA IMPROVED GROUND PEA, or PEA- NUT. This variety is much superior to the ordinary peanut, yielding large and perfect pods and containing earliness and productiveness and size; yields on ordinary land over one hundred bushels to the acre. Full directions for planting, growing and harvesting pointed out on each packet. Large pkt., 15c.; pint, 30c.; qt., 50c., post-paid.

PEPPERS.

MAMMOTH GOLDEN QUEEN. This is not only the best and most profitable mild pepper in cultivation, but is by far the largest, handsomest and most productive of all varieties; originated on our own grounds, growing to twice the size of Golden Dawn, and averaging a third larger than Ruby King, of the most perfect shape and uniform large size. The above illustration we have had made from a photograph of a single fruit. They grow on a single plant from fifteen to twenty perfect fruits, from eight to ten inches long and four to five inches through. In color they are bright, waxy, golden yellow, and so mild in flavor they can be eaten like tomatoes, with pepper and vinegar. Our best market gardeners say they sell in market at double the prices of any other sorts, and are exceedingly valuable for stuffing as mangos. If you want to be astonished try the Mammoth Golden Queen. Pkt. 10c.; 3 pkts., 25c.; oz., 30c.; 2 ozs., 75c.; l lb., $1.00; lb., $4.00.

BELL, or HILL NOSE. A large, early, well-known variety, of mild flavor, rind thick and fleshy; the best for pickling. Pkt., 5c.; oz., 20c.; ½ lb., 60c.; lb., $2.00.

Coral Gem Bouquet Pepper. Our illustration above will give some idea of the wonderful productiveness of this handsome little pepper. The name given it was suggested by its handsome appearance, the whole plant resembling a "Bouquet of Corals," being literally covered with its small, bright, coral red fruits, which are quite hot and splendid for seasoning. Pkt., 10c.; 3 pkts., 25c.
PEPPERS—Continued.

RUBY KING. Our patches of this new pepper have attracted much attention. They grow to a larger size than the Spanish Mantilla, and in a different shape. The fruits are five to six inches long by about three and a half inches through, of a bright red color. They are remarkably mild and pleasant in flavor, having no fiery taste whatever. Single plants ripen from eight to ten fruits, making them both productive and profitable. Pkt., 10c.; oz., 30c.; lb., $2.25.

PROCOFF’S GIANT. This new variety may be best described as the behemoth of all the pepper family. They grow uniformly to a very large size, measuring from eight to nine inches long, and three inches thick. They are of a brilliant red color, with a rich, creamy flavor; they are just hot enough to be pleasant to the taste. Each plant ripens from eight to twelve perfect fruits. Pkt., 10c.; oz., 30c.; lb., $3.75.

NEW DWARF EARLY RED SQUASH. This variety is a great improvement over the old Red Squash Pepper, being decidedly early and more prolific. It is of a dwarfer growth, while the fruit is more tender and milder in flavor; the skin is also much thicker. Pkt., 10c. oz., 25c.; lb., $2.50.

We make the selection of seed potatoes a specialty. Our stock is grown in the far North, by the most reliable growers, and for purity and superior quality cannot be excelled.

PLEASE NOTE. As prices are subject to fluctuation, and may advance later in the season, we would request that our customers send in their orders as soon as possible after receiving our Manual. All orders accompanied by the cash will be promptly acknowledged, and potatoes forwarded as soon as weather permits, in time for spring planting. Customers residing South can have them shipped at any time during the winter with little or no risk, but those residing North or West had better wait until the extreme freezing weather is over in March or early April, which will be ample time for planting. To freeze potatoes, when packed in tight barrels, requires extremely cold weather. We ship each season several thousand barrels of seed potatoes to nearly all sections, North, East and West, and rarely receive a complaint of freezing.

We make no charge for bags, barrels or cartage. We will quote special prices on five barrels of one variety.

The following varieties have been tested in various parts of the country and have met with unqualified approval. They are selected, as those most worthy of consideration and tried excellence, and known to be good.

**POTATOES BY MAIL.** All potatoes, excepting CROWN JEWEL, BLOSS TRUMPH, and RURAL NEW YORKER, No. 2, will be sent by mail, postage prepaid, at 30 cents per pound; 4 pounds for $1.60, carefully labelled and packed.

We have also adopted this season a plan of sending potato eyes by mail. See next page.

**EARLY GEM.** This is a good variety of early potato, and is widely recommended to the young farmer. It is a goody potato, being a large, fine yellow; it is early and productive, and can be marketed before the general crop. Pkt., 10c.; oz., 25c.; lb., $1.25.

**NEW OX-HEART.** A new potato, said to be the best of its kind, and is extensively grown. This potato is a large, fine yellow, with a deep red eye, and often ripens early. They are large and fine, and have a sweet and strong taste. Pkt., 10c. oz., 25c.; lb., 50c.

**Golden Dawn.** This potato is a very fine one, and is grown extensively. It is a very fine yellow, with a rich and deep red eye, and is early in the market. Pkt., 10c.; oz., 25c.; lb., $1.25.

**Sweet Mountain, or Mammoth.** Similar to the Bull Nose in shape and color, but larger and milder. Pkt., 5c.; oz., 15c.; lb., 50c.

**LARGE SPANISH SWEET.** Productive, mild flavor, fine for pickling. Pkt., 5c.; oz., 25c.; lb., 60c.; $2.25.

**Long Spanish.** A very large variety; with a rich, deep red color, and a sweet and mild flavor. Pkt., 5c.; oz., 25c.; lb., 50c.; $2.50.

**Spanish Monstrous.** A very large variety; very sweet, and good flavor. Pkt., 5c.; oz., 25c.; lb., 60c.; $2.25.

**Cherry Red.** A beautiful ornamental variety; fruit round, large, and very hardy; and very best used for seasoning. Pkt., 5c.; oz., 25c.; lb., 60c.; $2.25.

**The Polaris.** This new potato originated in Northern Vermont. We secured seed and have grown it on an extensive scale the past season with most satisfactory results. It is of long oval shape and creamy-white in color, cooking as white as the finest flour; is hardy, prolific, handsome, early and a good keeper. The original plants have yielded at the rate of six hundred bushels per acre. It has made for itself a wonderful record during the past few years wherever grown. Pkt., 6c.; oz., 15c.; lb., 40c.; $4.25.
THE CROWN JEWEL POTATO.

STILL IN THE LEAD AS THE EARLIEST AND BEST OF ALL EXTRA EARLY SORTS.

We have been growing this valuable new potato for six years, and feel we cannot say too much in its praise, as every claim we have made for it has been fully substantiated by more than five hundred of our largest potato growers and truckers for early market, all of whom vote it as the very earliest and finest they have ever seen. See Sample Testimonials, page 62. It is a seedling of the Early Ohio. The seed-balls were found in a large field of this well-known variety, and it produces tubers of unimpeachable qualities of its excellent parent, without any admixture of lesser blood. Grown in competition with the Early Ohio, Early Beauty of Hebron, Early Rose and Sunrise, it more than doubled the yield of any of them; under precisely the same conditions, they were grown to discern and test by earlier. The Crown Jewel is a strikingly beautiful potato, the shape is well depicted in our illustration, skin is white and smooth, eyes shallow but strong, flesh pure white and floury, cooking evenly throughout. The vines grow vigorously, the roots extend very deeply into the soil, thus resisting drought, and its keeping qualities are equal to the best. Its extreme earliness makes it by far the most profitable variety for early market or home consumption. Lb., 40c.; 3 lbs., $1.00, post-paid by mail; peck, 90c.; bush., $2.50; bbl., 2½ bush., $5.00, by freight or express.

BLISS' TRIUMPH.

OR

IMPROVED BERMUDA POTATO.

This beautiful variety combines the wonderful productivity of the Peerless with all the good qualities of the Early Rose, is much more productive and matures its crop at least a week in advance of the Early Rose. Tubers are of medium size, round and uniform in shape, with but a very few small ones; eyes slightly filled; color a beautiful light red; flesh fine grained and excellent flavor.

The tubers grow promptly in the hill and are easily harvested. It is an excellent keeper, not inclined to sprout early. Its great beauty, productivity and fine quality make it one of the best market varieties in cultivation. It is now being planted on the Island of Bermuda to the exclusion of nearly all others, having supplanted almost entirely the old Bermuda potato, and is the first potato to reach our markets from the Bermudas. It has become so popular in some sections of the South that, notwithstanding we grew a very large crop last season, our entire stock was exhausted before the selling season was half over, obliging us to return many orders. It is one of the few varieties that is steadily improving instead of deteriorating by age. Lb., 40c.; 3 lbs., $1.00, post-paid; peck, 90c.; bush., $2.50; bbl., 2½ bush., $5.00, by freight.

SOMETHING NEW.—Potato Eyes By Mail, Postage Paid.

TO SAVE OUR CUSTOMERS MONEY. Owing to the heavy expense of sending potatoes long distances, by Express and Freight, we have this season adopted a plan of sending out Potato Eyes by mail, to any part of the world, which will enable our customers (no matter how far away) to test the new and choice varieties of Northern-grown seed potatoes we offer, at trifling cost. The way we do this is to cut out the eye with a piece of the potato attached, and a sufficient depth to insure its viability after being transported thousands of miles. After the eyes are cut out they are carefully packed with damp moss in boxes made thin and strong, carefully labelled and mailed to their destination. When received they should be carefully removed from the boxes, care being taken to note the labels on different varieties. If too soon to be planted out-doors, they should be placed with damp earth in a box where there is no danger of freezing. We send out none but the strongest and best eyes, which will produce crops as good as if the potatoes were planted.

Owing to the amount of labor attached to preparing and packing the eyes for safe shipment, we can only offer the eyes of the newest varieties. For $1.00 we will send 100 eyes, post-paid, of all three of the new potatoes, Crown Jewel, Bliss' Triumph and Rural New Yorker. For $5.00 we will send 500 eyes each, post-paid, of all three of the new potatoes. Crown Jewel, Bliss' Triumph and Rural New Yorker, No. 2. This collection of 500 hundred eyes, if properly planted and cultivated, will produce 30 to 40 bushels of nice potatoes.
The following STANDARD POTATOES are so well-known that we do not give them a detailed description.

**EARLY SUNRISE.** Peck, 65c.; bush, $2.00; bbl., $1.25.

**EARLY OHIO.** Peck, 65c.; bush, $2.00; bbl., $1.25.

**BEAUTY OF HEBRON.** Peck, 65c.; bush, $1.75; bbl., $4.00.

**EXTRA EARLY VERMONT.** Peck, 65c.; bush, $1.75; bbl., $4.00.

**MAINE.** Peck, 65c.; bush, $1.75; bbl., $4.00.

**MAMMOTH PEARL.** Peck, 65c.; bush, $1.75; bbl., $4.00.

**QUEEN OF THE VALLEY.** Peck, 65c.; bush, $4.00; bbl., $4.25.

**RURAL BLUSH.** Peck, 65c.; bush, $2.00; bbl., $4.25.

**EMPIRE STATE.** Peck, 65c.; bush, $1.75; bbl., $4.00.

**WHITE STAR.** Peck, 65c.; bush, $1.75; bbl., $4.00.

**WHITE PEACHBLOW.** Peck, 65c.; bush, $1.75; bbl., $4.00.

**WHITE ELEPHANT, OR LATE BEAUTY OF HEBRON.** Peck, 65c.; bush, $1.70; bbl., $1.90.

**BELLE.** Peck, 65c.; bush, $1.70; bbl., $1.90.

**BERRANKS SEEDLING.** Peck, 65c.; bush, $1.70; bbl., $3.90.

**PEERLESS.** Peck, 65c.; bush, $1.75; bbl., $4.00.

**POTATO SEED.** Mixed. From the best hybridizers. Per pkt., 65c.; 5 pkts., $1.00.

**THE CONE AND CURVED SEED POTATO KNIFE.** It is thin and right shape to cut to 1, 2 or 3 eye pieces fast and not crack the tuber or injure the germ. Endorsed by planters everywhere, where thousands now in use. Give this knife a fair trial and if you are not satisfied that it will pay you to cut your potatoes with it, return to us and we will refund your money. Illustrated circular showing shape and full directions for cutting with each knife. Price, 30c. each, post-paid.

**NEW SEEDLING POTATO—RURAL NEW YORKER No. 2.**

This grand new potato originated on the experimental grounds of *The Rural New Yorker,* where more than five hundred varieties have been tested practically during the past twelve years. It has been tried there and elsewhere for several years with much care, and critically watched by its experienced originator for the development of weak points, any of which would have caused it to be promptly discarded. So far it may well lay claim to being a perfect potato, and is so pronounced by hundreds of our largest potato growers, who will, this season plant their whole crops with it.

The "Rural New Yorker, No. 2" is a potato of most distinct appearance, and could readily be distinguished among a hundred others. It is very large and unusually smooth, with few and shallow eyes; in form it is oblong, inclining to round, as shown in our illustration below, made from a photograph; the skin is white, as is the flesh, which is of superior quality. In maturity the variety is intermediate, and its solidity and vigor are such that it has rooted less in very dry and seasons than any of the numerous sorts grown with it. The vines are heavy and strong and the yield of handsome tubers of great uniformity of size is unusually large—less than ten per cent. of the potatoes dug have been of unmarketable size.

Per bu. 40c.; 3 bbls., $1.00, post-paid; peck, 95c.; bush, $2.50; bbl., $2.50; bushels, (46 lbs.) $5.25 by freight or express.
SEED, SWEET POTATOES.

We make a specialty of seed sweet potatoes, growing our stock exclusively in New Jersey, about nine miles from our Philadelphia warehouse, where we have unequaled facilities for handling and storing. We pack them for shipment in boxes and barrels, with the greatest care; but as they are very perishable, we guarantee their freshness, and cannot hold ourselves responsible for their condition on arrival after long journeys of several hundred miles.

EXTRA EARLY CAROLINA—THE EARLIEST SWEET POTATO.

SWEET POTATO—EXTRA EARLY CAROLINA.

This wonderful variety originated in North Carolina, and is far superior to all other varieties in carminess, productivity and quality. Of a bright yellow color, shape nearly round, and shorter than the ordinary varieties. Will produce fine slips in ten days from plants grown slips. Owing to its extreme carminess, it is better adapted to cultivation in the Northern States than any other variety. Does well in any ordinary soil. It is the best of keepers. Price, per peck, $1.00; bush., $2.75; bbl., $6.00. Price of plants, ready May 1st, 50c. per 100, by mail, post-paid; 75c. per 100, $3.00 per 1000, by express.

NEW JERSEY SWEET AND EARLY NANCE-MOND. The justly celebrated Philadelphia Sweet Potato, universally grown for Philadelphia and New York markets. Peck, $2.50; bush, $2.00; bbl., $4.50. Price of plants, ready May 1st, 75c. per 100, by mail, post-paid; 50c. per 100; $2.00 per 1000, by express.

FROM THOSE WHO KNOW.

TWO CROPS OF CROWN JEWELS IN ONE SEASON.

G. S. LILL, St. John, Kansas, Sept. 20, 1890, writes: The gem of all the seeds I got last Spring is the Crown Jewel Potato. I raised a fine crop of the early, sold the largest, planting the medium the second season; these are now as large as goose eggs, still growing. They were planted in July. This is the only potato that will make two crops in this climate. Last year the second crop yielded over 40 bushels to the acre. The Champion Spring and Summer Lettuce is a splendid variety; stands drought perfectly, for we had a scorcher this year, but this Lettuce flourished finely. Your Market Gardeners No. 2 Cabbage and Atlantic Prize Tomato are both the earliest and most productive, the only varieties of these vegetables that stood well through our severe drought.

CROWN JEWEL THE EARLIEST AND THIRD GREATEST IN YIELD.

Dr. J. Z. Taylor, Dead's Island, Md., June 2, 1890, writes: Parties who watched my Crown Jewel Potatoes dug this day pronounced them the most prolific potato they ever beheld, and the largest, taking them all in all, they had never seen dug this early in the season. Others around here, who planted, as they supposed, the earliest potato known, began digging to-day, but none have turned out a third larger on an average, and a third more in yield. Many had the advantage of better ground than mine, yet mine eclipsed them all.

GARDENERS ARE STRUCK ON THEM.

H. W. SAYRE, Glenville, Ohio, Oct. 18, 1890, writes: The market gardeners around here are struck on the Crown Jewel Potatoes, and likewise on the Atlantic Prize Tomato, both being the very earliest and finest of all.

TWO WEEKS AHEAD OF EARLY OHIO.

H. B. MINTER, Mediaspolis, Iowa, writes: Crown Jewel were dug in seventy-two days from the time of planting. They beat the Early Ohio more than double in yield and two weeks quicker in growth. The ground was not manured at all.

PUMPKIN.

One pound will plant two hundred to two hundred and fifty hills; four to six pounds are required to plant one acre.

LARGE CHEESE. One of the best for table use; very productive; skin orange; flesh yellow and sweet. Pkt., 5c.; oz., 15c.; lb., 60c.

CASHAW. Long, yellow crookneck; splendid for table use or feeding stock; flesh yellow, solid, fine-grained and sweet. Pkt., 5c.; oz., 10c.; lb., 25c.; 1b., 70c.

IMPROVED GREEN STRIPED CASHAW PUMPKIN.

This is a great improvement on the well-known Yellow Cashaw Pumpkin in very many respects, and those who have thus far grown them ignore the Yellow Cashaw entirely. They are much more beautiful in appearance, being a distinct mottled green and white striped, as shown in above cut. The flesh is a rich yellow color, solid, fine-grained, very thick, sweet and excellent for pies, and equally good for baking. They are very hearty, bugs seldom bother them, can be grown among the corn, and yield a much heavier crop than Yellow Cashaw, and better for stock feeding. They are hard to beat. Try them. Pkt., 5c.; oz., 15c.; lb., 30c.; 1b., $1.00.

TRUE TENNESSEE SWEET POTATO PUMPKIN.

Although not entirely new, we think so highly of this splendid piece and cooking pumpkin that we had the above engraving made from a photograph, in which their shape is accurately shown. They grow to medium size, slightly ribbed; skin is a creamy white, lightly striated with green; flesh very thick, creamy white, dry and fine grained, keeping well until late in the spring; when cooked resembles sweet potatoes, but much more delicate in taste. The vines are hardy and enormously productive. Pkt., 5c.; oz., 10c.; lb., 25c.; 1b., $1.00.
Our attention was first called to this truly colossal variety while visiting France in 1884, where we first secured seed, and distributed it among our customers. The results have been astonishing. No other pumpkin ever introduced has reached such enormous weights, and been awarded as many prizes. In competition for our cash prizes the past six seasons, over eight hundred of our customers have raised specimens weighing over 150 lbs. each. The heaviest weight attained in 1890, and for which our first cash prize was awarded to J. C. Confer, Johnstown, Pa., was 196 lbs. The prize-winning specimens are at this writing on exhibition in front of our store, and, being located on the principal business street of Philadelphia, it is needless to say they are constantly surrounded by an admiring crowd, exciting much wonder, and attracting visitors from all parts of the city. We again offer

$50.00 in Three Cash Prizes for Heaviest Specimens Grown in 1891.

$25.00 for heaviest; $15.00 for second heaviest; $10.00 for third heaviest. All reports of weights to be sent in by October 15th, at which time the prize-winning specimens will be ordered sent to us (at our expense), and cash forwarded to the successful competitors. With one of these pumpkins you would also be sure of a first prize at your county fair. The flesh and skin of a bright golden yellow color, very fine grained, of excellent quality, and notwithstanding its enormous size, it is one of the very best pie or table pumpkins ever grown, and a splendid keeper.

PRICES FOR 1891: Seeds saved from specimens selected from our patch weighing 100 pounds and over, pkt., 25c.; 5 pkts., $1.00. Seeds saved from general crop, all good, large, uniform specimens, pkt., 10c.; oz., 20c.; 2 ozs., 50c.; ½ lb., 90c.

OTHER FOREIGN PUMPKINS.

MAMMOTH ETAMPES BRIGHT RED. We have imported the seed of this giant variety from France, where it is quite celebrated. It has been grown in this country to enormous size; it is of a bright glossy red color, and makes a splendid variety to grow for exhibition purposes.

Pkt., 10c.; oz., 15c.; ½ lb., 40c.; lb., $1.25.

MAMMOTH TOURS. A French variety, which grows to an immense size, often weighing over one hundred pounds. Pkt., 25c.; oz., 10c.; ¼ lb., 35c.; lb., 75c.

TRUE POTIRON. Another wonderful variety from France, somewhat resembling our celebrated “King of Mammoths” in shape. They, however, do not grow so large and weigh so heavy, as their flesh is thin and watery.

Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., $2.00.

GRAY BOULOGNE. This new French variety grows to a very large size, and although quite new, is already very popular. It is large, round and slightly flattened on the ends, skin of a grayish-green color, growing to a weight of sixty to seventy-five pounds with ordinary culture, and with special culture will reach enormous size. Pkt., 10c.; oz., 25c.; ½ lb., 45c.; lb., $1.25.

SPECIAL: We offer a CASH PRIZE of $30.00 to the growers of the largest Pumpkins in 1891.

As an extra inducement for competition, and that our customers may give all our Mammoth varieties a trial, we will send, free by mail, one packet each, King of Mammoths, Mammoth Bright Red Etampes, Gray Boulogne, and Mammoth Tours, giving a magnificent collection of mammoth pumpkins for 25 cents.
NEW JAPANESE PIE PUMPKIN. This remarkable variety comes from Japan, and has proven a valuable addition to our pie and cooking pumpkins. Our illustration above, made from a photograph of a specimen weighing twenty-six pounds, shows their exact shape. The flesh is very thick, and of a rich salmon color, nearly solid, the seed cavity being very small in one end of the pumpkin, unusually fine grained, dry and sweet, having much the same taste and appearance as sweet potatoes, making pies as rich without eggs as other varieties do with. They ripen early, keep well and produce largely. The seeds are peculiarly marked and sculptured in Japanese characters, as shown in cut. Pkt., 10c.; oz., 15c.; lb., 40c.; 10 lbs., $1.25.

DUNKARD WINTER PUMPKIN. This hybrid variety originated with the religious sect of Dunkards in Bucks County, Pa., where it has had a local reputation for a few years past. They are oblong in shape and frequently attain weights of 20 to 25 pounds. The outside skin is a rich deep orange color, highly striped. The flesh is very thick and of a beautiful golden yellow color, very rich and sweet in flavor. Their most wonderful property is their great keeping qualities, having been kept for a period of two years in perfect condition. The vines are very Hardy and productive. They sell in Philadelphia markets at double the prices of other varieties. Owing to the hybrid origin of the variety, they as yet vary some in shape, there being a tendency to sport back to the original parents. All specimens, however, are equally good in quality. Pkt., 10c.; oz., 20c.; ¼ lb., 45c.; 1 lb., $1.00.

NEW GOLDEN OBLONG PUMPKIN. A very fine, new and productive variety growing oblong to a length of 16 to 18 inches and 7 to 8 inches in diameter. The outside skin is dark green when young, changing to a deep golden color as it ripens. Flesh rich yellow, very sweet, dry and excellent for pies. Its keeping qualities are almost if not quite equal to our best winter squashes. All lovers of fine pumpkins should try the Golden Oblong. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; ½ lb., $1.00.

NEW BANANA, or CUSTARD. A splendid little pumpkin of finest quality for pies and custards. They grow rather oblong in form, and have ten prominent ridges their entire length; flesh rich yellow, sweet and delicious. They produce largely, and are great keepers. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; ½ lb., $1.25.

JONATHAN PUMPKIN. This new pumpkin is pronounced by a veteran pumpkin grower one of the finest varieties he has ever grown. It is a good keeper, of large size, very prolific, smooth and even, fleshed; very sweet and fine for pies. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., $1.00.

QUAKER PIE PUMPKIN. A distinct variety from New York State, where it has been grown for many years by a family of "Quakers," or Friends. The shape is nearly oval, tapering slightly towards the ends. Color, creamy white, both inside and out; flesh is sweet and rich, and an excellent keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., $1.25.

SMAIXEL. A very handsome little pumpkin with deep orange-colored skin and flesh of unusually fine sugary flavor; fine grained; very productive, and keeps well. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., 60c.

NANTUCKET SUGAR. This great pie pumpkin is comparatively unknown outside of a few of the far Eastern States, where it is used exclusively in making the celebrated Yankee Pumpkin Pies. The skin is very dark green, almost black, flesh thick, and of a rich orange yellow. They weigh from twelve to fifteen pounds, and will keep for a year. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., 75c.


THE BEST RADISHES.

One ounce will sow one hundred feet of drill; nine pounds will sow one acre in drills.

THE STARTLE or TWENTY DAY FORCING RADDISH. A new and distinct type of the well-known olive-shaped radish, selected by a Philadelphia market gardener. It is undoubtedly the earliest and finest forcing half-long or olive-shaped variety known, maturing in about twenty days. Color brilliant red; flesh pure white, crisp, sweet and fresh to the taste. It has a very small, short top, and is alike valuable for forcing or open ground. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.
RADISHES—Continued.

EARLY SCARLET GLOBE. For forcing in the greenhouse, hot-beds or cold frames and for sowing on open borders early in the spring there is no other red variety more desirable. It is one of the earliest; in flavor it is crisp, mild, juicy and tender, and forms large top and will stand a great amount of heat without becoming pithy. It always commands a much higher price and will sell “three to one” compared with any ordinary red sort. Pkt., 5¢; oz., 10c; 1¼ lb, 25c; 1 lb, 75c.

EARLY ROUND DARK RED. An improved strain of the Extra Early Scarlet, of deeper color and handsome appearance; very early, firm, rich in flavor and of extra fine quality. Pkt., 5¢; oz., 10c; ¼ lb, 25c; ½ lb, 75c.

FELTON'S MODEL WHITE BOX. The best early white radish. Truly a model. See Novelties, page 6. Pkt., 10c; oz., 15c; ½ lb, 25c; 1 lb, 50c.

PHILADELPHIA GARDENERS' LONG SCARLET SHORT-TOP. This very excellent new strain is the result of years of patient and careful selection. There is no much difference between this strain and the European, which has heretofore been America’s only source of supply, as there is between the American and European grown potatoes. Briefly stated, the improvement is in the fact that it is fully a day earlier, has a shorter and more compact top, will remain the ground longer, will not become pithy or going to seed. In shape it is somewhat shorter and broader, thus enabling it to withstand transportation better, which is a very desirable feature. The color the upper portion is of an unusually deep, unsual deep bright red, which gradually shades to a deep waxy pink towards the tip. Owing to its handsome shape, brilliant color and fine eating quality, it is invariably estimated as the very best, and is sold in all the best markets of the country. It is not only a winter variety, but a market variety, and is essential for the spring market. Pkt., 5¢; oz., 10¢; ¼ lb, 25¢; ½ lb, 75¢; 1 lb, $1.00.

NEW WHITE LADY-FINGER RADISH. This is unquestionably the best and most desirable long white radish in cultivation. Shape most attractive and handsome, as well as its coloring, illustration, while in color it is a decided improvement over its predecessors of this form. It has an early growth, and the crisp, tender flesh is extremely desirable for pickling. Pkt., 5¢; oz., 10c; ¼ lb, 25c; ½ lb, 75c.

NEWCOM. This new radish, introduced by us three years ago, has already taken a leading place with our market and family gardeners. It is the earliest, largest, white radish known. Owing to its beautiful half-long shape and fine surface appearance they readily sell at double the prices of ordinary varieties. Quality very superior and they hold their fine eating condition four or five weeks after being set to seed. Pkt., 5¢; oz., 10¢; ¼ lb, 25c; ½ lb, 75c.

RED EARLY SCARLET Turnip. A round, deep scarlet, turnip-shaped, small-top variety, of good quality, crisp, tender and crisp when young. Pkt., 5¢; oz., 10¢; ¼ lb, 25c; ½ lb, 75c.

PHILADELPHIA WHITE “Box”—Fireball—Rosy Gem. PHILADELPHIA WHITE “BOX.” This variety, previous to our introduction of Felton’s Model White Box, which is surpassing it, was the most popular Early White Radish grown by Philadelphia gardeners. It is entirely distinct from any early white turnip radish heretofore offered. Short top and rapid growth especially fits it for growing under glass, in frames or “boxes,” hence its name, as well as early sowing on squares or borders in the open ground. Owing to its very few short leaves, it can be sown very thickly in the row without causing the leaves to “draw.” Pkt., 5¢; oz., 10¢; ¼ lb, 25¢; ½ lb, 75¢.

NEW FIREBALL. This is one of the finest red forcing turnip radishes ever introduced; has a very small short top, color brilliant scarlet, crisp, solid, tender, and of fine flavor. It is alike valuable for outdoor planting early in the spring or in the fall and early and market radish, and it will grow good plants throughout the year. It will not disappoint a single customer who sows it, whether he be a farmer or market gardener. Pkt., 5¢; oz., 10¢; ¼ lb, 25¢; ½ lb, 75¢.

ROSY GEM (White Tipped Scarlet Ball). This wonderful new radish has won golden opinions in all sections of the country. The illustration above will give some idea of its great beauty. It is one of the earliest in cultivation, being a week earlier than Scarlet Turnip White Tipped, which it somewhat resembles in form and color. Its shape is perfectly globular, with rich deep scarlet top, blending into pure white at the bottom, exceedingly tender, crisp and delicious, never becoming hollow or pithy very desirable for forcing early under glass, being fit for market in fifteen to twenty days from sowing, and should be planted by everybody. Pkt., 5¢; oz., 10¢; ¼ lb, 25¢; ½ lb, 75¢.

Extra Early White Turnip. Skin and flesh pure white, of very quick growth and small top. Pkt., 5c; oz., 10c; ¼ lb, 25c; ½ lb, 75c.

SCARLET TURNIP, WHITE TIPPED. Resembling the above in shape, except of a deep scarlet color, with white top; very handsome variety, very tender, early, and of fine eating quality, making a fine table turnip. Early French Breakfast. Of quick growth, very tender and beautiful, oval shape; scarlet, tipped with white; a great favorite. Pkt., 5c; oz., 10c; ½ lb, 30c; ½ lb, 50c.

Early Deep Scarlet, Olive-Shaped. Flesh rose-colored and very tender. Pkt., 5c; oz., 10c; ½ lb, 25c; ½ lb, 50c.

Early White, Olive-Shaped. Of fine olive shape, skin and flesh white, crisp, tender and of very quick growth. Pkt., 5c; oz., 10c; ½ lb, 25c; ½ lb, 50c.

PARIS BEAUTY. Demi-long Deep Scarlet. This handsome variety is the most popular early radish sold in the markets of Paris. In shape they are intermediate, between the popular Long Scarlet and Scarlet Olive. They are of rapid growth, with rich, deep scarlet skin, white flesh, very tender and crisp. Pkt., 5c; oz., 10c; ½ lb, 25c; ½ lb, 50c.

Violet Turnip, White Tipped. A very early variety, of violet color, lovely shape, and of crisp, tender flesh; very fine turnip form. Pkt., 5c; oz., 10c; ½ lb, 25c; ½ lb, 50c.

Early Long Scarlet or Salmon. The old standard family and market gardeners' variety. Long, bright scarlet, eather small top. Pkt., 5c; oz., 10c; ½ lb, 25c; ½ lb, 50c.

WOODSPEAR EYESTRAME. A splendid forcing variety, earlier than the Long Scarlet; shape not quite so long and has a smaller top. Pkt., 5c; oz., 10c; ½ lb, 25c; ½ lb, 50c.

RADISH, Summer Varieties.

CHARTIER, or SHEPHERD RADISH. A variety of the Long Scarlet, originated in Western Pennsylvania. It is exceedingly handsome and attractive, being of a deep crimson color at the top, and blending off to almost white at the bottom. It is very tender, and makes so for a long time after attaining its growth, an important feature to the market gardener. Pkt., 5c; oz., 10c; ½ lb, 25c; ½ lb, 50c.

THREE GOOD RADISHES.
NEW WHITE STRASBURG. This valuable variety was first introduced by us six years ago, and is now the most popular summer radish grown. It is of handsome tapering shape, as shown in our illustration above. Both skin and flesh are pure white and almost transparent, very tender and of a delicious peppery taste. It can be pulled five weeks from time of sowing the seed and continues to grow without losing its fine quality, and remains in a tender condition longer than any other summer sort. There is much cheap and spurious seed being offered. Procure your stock direct from the introducer, and have it reliable. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.00.

OLIVE-SHAPED GOLDEN YELLOW. This is a fine new German Radish, equally well adapted as an early forcing or summer radish. It is of very rapid growth and fine quality, flesh white, tender, crisp and brittle. The outside skin is a bright, fresh yellow, and has a very small top. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.00.

IMPROVED YELLOW SUMMER TURNIP RADISH. This exceedingly fine use of yellow summer radish, offered last season for the first time, is the result of hybridizing and many years' continued selection by an experienced Philadelphia market gardener. The neck is much smaller, leaves finer, flesh whiter and of a much better shape than the old Yellow Summer, and always commands a ready sale at a higher figure, and withstands the summer heat better. Market and private gardeners will find it a most valuable acquisition. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.00.

LARGE WHITE SUMMER TURNIP or GLOBE. A general favorite of large turnip shape, white skin and flesh, very crisp. Our strain of this variety is the finest known to Philadelphia and New York truckers. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., 75c.

Long White Napa. A long, clear, white radish; crisp, tender and mild. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., 75c.

WHITE GIANT MUTTGART. A splendid new variety, will produce roots of excellent quality and as large as a winter radish, in six to eight weeks after sowing. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., 75c.

NEW SURPRISE. A variety from Spain, very early light brown skin, pure white flesh, crisp and tender, keeps in fine condition without getting pithy for a long time. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.00.

NEW CELESTIAL, or WHITE CHINESE. This new radish, offered last season for the first time, has been grown for a few years past by California market gardeners, who obtained it direct from China. It is an "All Seasons Radish," being ready for use when two and a half or three inches long and continues until nearly six inches long. The flesh is firm and solid and pure white, and very attractive. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.00.

RADIISHES, Winter Varieties—Continued.

ROUND BLACK SPANISH. A fine globe-shaped radish, very popular with the Germans, known as "Rettich." Good quality and flavor. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

Long Black Spanish. A large winter variety; one of the hardiest. Both dark green in color and in texture, keeping until spring. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

CALIFORNIA MAMMOTH WHITE. A winter variety growing twelve inches long; white fleshed, firm and of excellent quality. It is the largest radish grown, called by some the Mammoth Russian. Pkt., 5c.; oz., 10c.; lb., $1.00.

RHUBARB.—Pie Plant.

One ounce will produce about 1,000 plants. Large Victoria. An excellent cooking variety. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 75c.

Rhubarb Roots. Each, 25c.; doz., $1.75; 100, $8.00. By mail, post-paid, 50c. each, or $2.75 per doz.

SORRELS.

Large-Leaved. Cultivated for its acidity and much used in salads. Pkt., 5c.; oz., 10c.; ½ lb., 50c.

SPINACH.

One ounce will sow one hundred feet of drill. Twelve pounds will sow one acre.

Market Gardeners desiring to purchase by the bushel will be given special prices on application.

AMERICAN ROUND-SEEDED SAVOY, or BLOOMDALE SPINACH. Our Celebrated Philadelphia Stock. Our entire stock of this very superior variety is Pennsyl-

vania grown, of 1899 crop, and represents every important quality that makes this valuable sort so popular. The leaves are large, thick, finely curled, heavy, and produced in great numbers, and stand handling and transportation better than any other sort. By far the best and most productive spinach in cultivation. Pkt., 5c.; oz., 10c.; lb., 40c.; 5 lbs., $1.25.

ENKHUIZEN, LONG STANDING. This is the only genuine long standing spinach imported into this country, and was introduced by us seven years ago. We have often seen it stand so long that the leaves actually turned yellow before shedding to seed, hence its great value for spring sow- ing. The leaves are round, large, unusually thick, deeply curled and of a fine dark-green color. Our stock is grown in Holland especially for us. This variety is superior to the ordinary Long Standing offered in many catalogues. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 40c.; 5 lbs., $1.50.

NORFOLK SAVOY-LEAVED. A large, curled variety, with thick, fleshy leaves. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 35c.

NEW THICK-LEAVED ROUND. Produces large, thick, dark green, cramped leaves; does not run to seed quickly. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 40c.

NEW ZEALAND SPINACH. (Tetragonia expansa.) Produces leaves in great abundance throughout the entire summer, succeeding when the ordinary spinach would not even grow. Sown in May, where the plants are to stand. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.00.

CHINA ROSE WINTER. One of the best winter varieties, bright rose-colored; flesh white, firm and of superior quality. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., $1.00.
SALSIFY.—Oyster Plant.
One ounce will sow about sixty feet of drill.

MAMMOTH SANDWICH ISLAND. This new salsify, recently introduced from the Sandwich Islands, grows fully double the size of the Long White, and is superior in quality. It is pure white in color and is invaluable to market gardeners. Pkt., 10c.; oz., 25c.; ½ lb., 20c.; lb., $1.25.

Long White. A favorite variety; the tops can also be used in the spring, dressed like asparagus. Pkt., 5c.; oz., 15c.; ½ lb., 30c.; lb., $1.25.

Seorzonera, or Long Black. Pkt., 10c.; oz., 25c.; lb., $2.50

SQUASH.
One ounce will plant twenty to forty hills, according to size of seed. Four to six pounds will plant one acre.

ISLAND PRIZE. Now offered for the first time. The dryest and sweetest of all squashes. See Novelties, page 18. Pkt., 15c.; 2 pks., 25c.; 5 pkts., 50c.

EARLY WHITE SCALLOP BUSH, or PATTY PAN. A good early variety. It grows to a large size, and bears an abundant crop. Pkt., 5c.; oz., 10c.; lb., 70c.

Early Golden Bush. Similar to the preceding, but of a deep orange color. Pkt., 5c.; oz., 10c.; lb., 70c.

NEW MAMMOTH WHITE BUSH SQUASH.

NEW MAMMOTH WHITE BUSH, SCALLOPED. An improved strain of the well-known White Bush, or Patty Pan Squash growing uniformly to twice the size. They ripen early; skin a handsome white color, and wonderfully productive. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 90c.

EARLY PURPLE ORANGE MARROW. This variety ripens full two weeks ahead of the Boston Marrow, and excels in its productiveness and keeping qualities. Of very handsome color, medium in size, sweet flavor, with thick, high-colored orange flesh, fine grained and dry when cooked, making it a most desirable fall squash. Growing very quickly, it does well when planted as a second crop, following early peas, potatoes, etc. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

NEW OLIVE. A splendid squash, exactly the shape and color of an olive, hence its name. It attains a weight of six to ten pounds. The skin is smooth, flesh thick, firm, and of golden yellow color, remarkably good in quality and very productive. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.50.

MEDITERRANEAN. We were the first seedsmen in America to offer this very valuable new fall and winter squash, which, from its numerous excellent qualities, has proven a most valuable acquisition. Our attention was first called to it by a sea captain plying between this part of the Mediterranean, who, on one of his voyages brought a few of these squashes with him for our inspection and trial. They grow about the same size as the Hubbard, but perfectly round and smooth, and owing to their very thick flesh, will weigh much heavier. The outside skin is quite smooth and of a pleasing red salmon color, while the flesh is of a beautiful rich yellow, very sweet, fine and floury. The vines grow vigorously, are extremely hardy and very productive. A sea keeper they rank with our best winter sorts. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.00.

NEW WHITE CHESTNUT. This very distinct new variety is now offered by us for the first time. The outside skin is creamy white, while the flesh is lemon yellow, fine grained, sweet and most excellent in quality, suggesting the flavor of the chestnut. The size and form are much like the old and original Hubbard, fully equaling it in great productiveness and keeping qualities. This squash is now creating quite a furore in the Eastern States, where gardeners are flocking to the market to the very best sorts. It is a good one. Try it. Pkt., 5c.; oz., 15c.; ½ lb., 35c.; lb., $1.25.

BAY STATE. This splendid variety comes from the same origin as the popular Essex Hybrid. The excelling features are its extreme solidity, heavy weight, fineness and dryness of skin, and sweetness of flavor. It is earlier than the Essex Hybrid, the crop averaging smaller in size and more in number. It has an extremely hard, bumpy shell, and is an excellent keeper. The color of the shell is distinct from anything we have among the present varieties grown, being a blue shade with a peculiar greenish tinge. The flesh is of a beautiful, bright golden yellow, very handsome and attractive in appearance, and exceedingly sweet and tender in quality. Their average weight is ten pounds. Pkt., 5c.; oz., 15c.; ½ lb., 35c.; lb., $1.00.

LONG GREEN CROOKNECK SQUASH.

LONG GREEN SUMMER CROOKNECK. It seems strange that this valuable squash should be so little known outside of Philadelphia market gardeners, who grow it happily with great profit, as it is preferred to all other summer squashes in our markets. We have had the above engraving made of one of these squashes, which shows the shape. They have a dark green skin, striped with lighter shades of green and yellow, are very productive and of the finest quality. As a squash for frying, they are unequalled, being superior in flavor to egg-plant. They are also delicious when made into fritters. Customers who have never grown this excellent squash will be fully repaid by giving it a trial. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., $1.25.

WHITE PINEAPPLE. This new variety has attracted much attention, owing to its peculiar shape. The skin and flesh are of a pure, cream-colored flesh, fine grained and of excellent flavor, resembling the coconut when made into pies or custards. They can be used any time during growth, and after maturing make an excellent autumn and winter sort. They are remarkably strong growers. Each vine producing generally from ten to fifteen perfect fruits. Pkt., 5c.; oz., 15c.; ½ lb., 30c.; lb., 75c.
SQUASHES—Continued.

GOLDEN SUMMER CROOKNECK. Early, productive, of good quality; skin yellow. Pkt., 5c.; oz., 10c.; lb., 50c.

VALPARAISO. This new variety from South America, when grown from the true seed, of which we are the original importers, is vastly superior to the so-called "improved" or mongrel sorts. Its shape is oblong; skin of rich cream color; the flesh is of a rich golden yellow, very thick and fine grained and very sweet and delicate in flavor. They grow to large, uniform size and are enormously productive and profitable to grow for cooking or feeding purposes. Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 75c.

BRAZIL SUGAR. This new variety, originally from South America, has been thoroughly tested in the United States. The flesh and skin are of a bright yellow color, slightly watered. It is one of the sweetest of all squashes, the flesh being unusually fine grained and tender. They reach a weight of three to four pounds each, ripen early and grow so vigorously that they are but little affected by the squash bug. Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 75c.

HUBBARD. A general favorite and one of the best table varieties of large size, flesh fine grained, dry and of excellent flavor. Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 75c.

SIBLEY, or PIKE'S PEAK. The shape of this valuable new and distinct squash is accurately shown in the above illustration. The skin is pale green in color, very hard and flinty, but so very thin and smooth as to occasion the least possible waste in baking. The flesh is solid and thick; a vivid brilliant orange color, dry, and of a rich delicate flavor. They range in weight from eight to ten or more pounds. Vine remarkably vigorous and ripens its fruit simultaneously with the Hubbard. In productiveness, the new Sibley Squash has decidedly the advantage of either the Hubbard or Marblehead; it moreover ripens its fruit so evenly that nearly the whole crop may be gathered at one picking. In its keeping qualities it excels, remaining in a good dry cellar perfectly sound, until the last of March. The hardness and fineness of the shell render it one of the very best shipping varieties. Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 50c.

ESSEX HYBRID, OR AMERICAN TURBAN. This variety is one of the finest grained and sweetest of the squash family. Specimens kept until June as sound and good as when gathered in the fall. The flesh is very thick, rich browned and solid. It ripens early and is one of the most productive. Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 75c.

BOSTON MARROW. About ten days later than the Bush varieties; of excellent flavor, flesh orange and fine grained; splendid for pies and as a winter keeper. Extensively grown and most profitable for winter use and canning. Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 50c.

MAMMOTH CHILL. The largest of the squash family, specimens often weighing two hundred pounds and over. Flesh is a rich orange yellow, very thick and of good quality, very nutritious and profitable for stock feeding. Pkt., 10c.; oz., 25c.; 1/4 lb., 50c.; lb., $1.50.

The following squashes are each 5c. per pkt.; 10c. per oz.; 25c. per lb.: Perfect Gem, Marrow, Coconut, Long White Marrow, Yokohama, Red Chums and Butman.

One ounce will produce about 1,300 plants.

For years we have made a careful study of growing the very best tomato seed. All tomatoes show a slight variation from the standard type and rigidly desired, thus we obtain the purest possible seed. Our long experience and great care enables us to furnish a perfect article of this important seed to market gardeners, and to retain the patronage of all who deal with us.

A • Tomato • Test • of • 1890.

TOMATO SEEDS—SELECTED FRUIT.

Tomatoes are being grown in the open, in pots, and in greenhouses, in our Trials. The following is a list of the best varieties of Tomatoes which are in cultivation at this time. The planting time is in April. The varieties are all large-fruited and very productive.

RED VARIETIES:
- Atlantic Prize
- Extra Early Advance
- New Improved
- Early Early Triumph
- Horsford's Prelude
- New Cumberland Red
- Early Optimus
- Volunteer
- Livingston's Favorite
- Lorrillard
- Livingston's Perfection
- Cardinal
- Pargon
- Brandywine

PURPLE VARIETIES:
- Dwarf Champion
- Early Market Champion
- Early Ace
- Livingston's Beauty
- New Potato Leaf
- Turner Hybrid, or Mikado

CUMBERLAND RED. A matchless new tomato, now offered for the first time. It is of the best quality, and the flesh is bright red. Pkt., 10c.; oz., 25c.; 1/4 lb., 50c.; lb., $1.50.

JOHNSON & STOKES' EXTRA EARLY TROPHY. This variety was first discovered in a patch of the well-known Trophy, where it ripened nearly two weeks ahead of others. Its shape resembles the well-known Trophy, but it ripens much earlier and is remarkably productive, of a deep red color, growing to a good size and does not show the least trace of rotting in its early stage of growth, as the Ace and Pargens do. The tomato is firm, slightly lobed, has a very few seed and has the happy feature of opening its entire crop at one time, which is a very important thing to a market gardener whose profit depends upon getting its crop into market early. Pkt., 10c.; oz., 25c.; 1/4 lb., 50c.; lb., $1.50.

EXTRA EARLY ADVANCE. A cross between Alpha and Perfection, of bright scarlet color, medium size and good quality. It surpasses the Alpha in wonderful early ripening qualities and equals Perfection in beautiful form and productiveness. The vines bear heavily, frequently 100 to 125 fruits to a vine. Our market garden friends will find the Early Advance a valuable variety, and will find it along with the earliest maters. Pkt., 10c.; oz., 25c.; 1/4 lb., 50c.; lb., $1.00.

DWARF CHAMPION. A very distinct variety of upright growth. After Atlantic Prize and our Early Extra Trophy, it is possibly the earliest tomato grown. Its close upright growth allows it to be planted closer together than other varieties. The fruit resembles the Ace, is of a purplish pink color and always smooth and symmetrical in form. It is of medium size and attractive in appearance; the skin is tough and the flesh solid and of fine quality. A very shy seeder. Pkt., 10c.; oz., 25c.; 1/4 lb., 50c.; lb., $1.25.
ATLANTIC PRIZE. THE VERY EARIEST OF ALL TOMATOES.

This new tomato is the result of many years' careful selection by one of the most successful tomato growers of Atlantic County, New Jersey, who, to our certain knowledge, has for a few years past shipped to New York and Philadelphia markets, fine large tomatoes fully two weeks ahead of all competitors, being the first Northern fruit that has reached those markets. The vines grow strong, stiff and very rapidly, setting the crown fruit when quite young, the buds appearing before the plant is four inches high. The fruit is borne in immense clusters. Each vine producing from sixty to eighty large, perfect fruits, very solid and of the finest quality, being uniformly free from eyes and seeds. Another great feature is the extreme earliness, about this wonderful tomato, and one which must prove of great advantage to all tomato growers and market gardeners, is that when first fruiting it ripens more evenly and abundantly than any other tomato grown. It is by far the most valuable market variety ever introduced, and is so pronounced by every gardener who has grown it the past two seasons. Pkt., 15c.; oz., 60c.; ½ lb., $1.75; lb., $6.00.

THE BRANDYWINE, or No. 45 TOMATO.

Nothing we have ever had excels so much in so short a time as this magnificent tomato. Although offered in packets only, it has brought us in hundreds of unsolicited testimonials from customers who all agree in pronouncing it the largest, most productive and attractive in both color and form.

Its History.—In the spring of 1887 a customer in Ohio sent us a small package of tomato seed, requesting us to give it a fair test on our trial grounds. A few plants were set out along with forty-five other varieties we were testing, both new and old; this being the last on the list was numbered 45. To our astonishment, it completely eclipsed in great size and beauty all other varieties we were testing; specimens when ripe weighing two to three pounds each, as smooth as an apple and remarkably solid. To still further test this tomato, we sent a few packets to tomato specialists, requesting them to report on its merits. The name given it was suggested by our friend, Thos. H. Brinton, of Chadd's Ford, Pa., who has probably grown and tested more varieties of tomatoes than any other person in the United States, who wrote: "The more I see of the Tomato No. 45, the more I am pleased with it. It is certainly a magnificent, new, most valuable and distinct variety; and worthy of the name of 'Brandywine,' after that most beautiful of all streams, which flows near our Quaker village."

With two such handsome varieties as the Atlantic Prize for early and the Brandywine for late, no market or private gardener could fail to give a bountiful supply of delicious tomatoes the entire season. Pkt., 15c.; oz., 60c.; ½ lb., $1.75; lb., $6.00.

EARLY MARKET CHAMPION TOMATO.

This valuable tomato originated with a prominent Philadelphia market gardener, who has for many years made the selection and improvement of the tomato a specialty. He has always had extremely fine, large tomatoes in the market very early and realizing handsome prices for his crop. His aim has always been to combine earliness with large size and perfect, smooth shape, and that he has succeeded in a most wonderful degree is evidenced in the Market Champion. The fruit is of a bright, glossy, pinkish-purple, almost like wax, flesh is very hard and solid, keeping a long time after ripe without getting soft or rotting. Its shape is most perfect, being smooth and uniform in size, ripening all over at one time. It is a vigorous grower, the foliage being quite distinct. There is no other purple tomato cultivated that will ripen so early or produce more bushels of large, handsome fruit to the acre than the Market Champion. Pkt., 15c.; oz., 60c.; ½ lb., 80c.; lb., $1.00.
TOMATOES—Continued.

HORSEFORD’S PRELUDE. In our trials the past two seasons we have found this new tomato to be a first-class early market variety, of excellent flavor and specially adapted for greenhouse forcing. With a good soil it is also very suitable for garden culture. Pkt., 10c.; oz., 35c.; ½ lb., $1.00; 1 lb., $3.50.

EARLY OPTIMUS. A very fine new variety, somewhat resembling Favorite, but earlier and more uniform in size. Fruit medium sized, oval, very smooth, exceedingly bright, rich, crimson-scarlet color, free from cracks and rot. The flesh is of a crimson-scarlet color, quite distinct and beautiful. It is also asplendid keeping and shipping variety. Pkt., 10c.; oz., 35c.; ½ lb., 75c.; 1 lb., $2.50.

LIVINGSTON’S NEW POTATO LEAF. Another fine market tomato, remarkable for its great firmness and solidity. It is named Potato Leaf, in consequence of its long such a peculiarly petalated like the leaves of ordinary kinds. In this respect it resembles the Mikado, or Turner Hybrid, but while the Mikado is not so long as this variety, for cooking purposes, it is far smoother, equaling the old standard, the Anne and the Paragon, in this respect, and is ever-bearing until killed by frost. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; 1 lb., $2.50.

Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; 1 lb., $2.50.

TAHITIAN UPRIGHT. A distinct new variety, originated at the New York Experimental Station, by a cross on the French De Lavey, or Tree Tomato. The plants are up right, like a tree or erect bush; fruit good size and bright red. A valuable variety for forcing. Pkt., 10c.; 3 pks., 25c.

MATCHLESS. A new variety, of large size and red color, grown quite extensively in and sells abundantly in New Jersey for shipping. The great objection being the deep size, and is of around the stem. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; 1 lb., $2.50.

THE PEACH TOMATO. This very useful and beautiful variety is particularly adapted to greenhouse forcing. It is of a brilliant color, being grown in the garden, or served on the table, either raw or preserved. It is almost identical with some of the peach tomatoes, except that the fruit is produced in clusters, is very solid, with red interior, and red, pinkish and green blush on the outside skin, which can be easily peeled, like the skin of a peach. Very productive, in habit and very productive. For preserving, Peach Tomato is not to be surpassed. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; 1 lb., $2.50.

LIVINGSTON’S PERFECT. This valuable variety comes from the same source as the Acme and Paragon. It is the Acme, large, very smooth, blood-red in color, very solid and a heavy cropper. Pkt., 6c.; oz., 20c.; ½ lb., 60c.; 1 lb., $2.00.

REEL’S EARLY ACME. Ripens evenly, of medium uniform size, round, very smooth, and of a pink purplish color; very productive, bearing clusters of large, extra shaped clusters. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; 1 lb., $2.00.

THE QUEEN. A new variety, originated in Salem County, N. J., where it is extensively grown for canning purposes; grows very large, of bright red color, slightly rough at the stem end. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; 1 lb., $2.50.

THE CARDINAL. This tomato was first discovered in a field of Acme, from which it is quite distinct in both fruit and foliage. It is the offspring of several varieties grown throughout the season. The fruit is uniformly smooth and free from riddles, and is of a brilliant red color. The flesh is of the same brilliant color, having no green core and very few seeds. Its evenness of ripening—so many tomatoes in one season—together with the same large size make it a most desirable variety, as is also the uniformity of the same large size throughout the entire season. It keeps well and is a fine shrub. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; 1 lb., $2.00.

SCOVILLES HYBRID. A variety originated near Syracuse, N. Y., where it is very extensively grown. Many varieties resemble the cardinal, of brilliant red color, large size and excellent in quality. Pkt., 6c.; oz., 20c.; ½ lb., 60c.; 1 lb., $2.00.

SELECTED EARLY PARAGON. Very solid, dark red color, heavy foliage, a favorite market variety; excellent for canning. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; 1 lb., $2.00.

LIVINGSTON’S FAVORITE. The originator, Mr. Livingston, describes this new tomato as follows: "It has several advantages over any other variety. It is smoother than the paragon, and never hollow late in the season. I had tomatoes ripe in July, and the same vines had an abundant crop on them September 24th. Does not crack after ripening; is of a darker red than the perfection, and is larger and better in color. It has very large size, and is very productive." Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; 1 lb., $2.00.

Trophy This well-known variety has become a favorite family variety, and many respect it resembles the cardinal, of brilliant red color, large size and excellent in quality. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; 1 lb., $2.00.

GOLDEN QUEEN. A fine new yellow sort, of first-class quality. It is solid, very smooth, free from ridges in large size, ripens up evenly, and is a very handsome sort. The larger and riper fruits are frequently tinged with red at the blossom end. It has very uniform size and quality is excellent. Pkt., 10c.; oz., 35c.; ½ lb., 75c.; 1 lb., $3.00.

The following varieties of Tomatoes are each 5 cents per packet, 3 cents per ounce:

King of the Early, Early Mayflower, Wonder of Indiana, King of the Late, and L. Hotham’s Excelsior, General Grant, Feejee Island, Large Smooth Red, Cook’s Favorite, Canada Victory, New Tomato, Golden Trophy, Large Yellow, Pearl-splead and Red Cherry.
TURNIP.
One ounce will sow 150 feet of drill; one to one and onehalf pounds will sow an acre.


EXTRA EARLY PURPLE-TOP MILAN (Strap-Leaved). This new variety has proven to be the earliest and handsomest turnip in cultivation. No other variety can equal it for spring crops. It is of medium size and flat shape, with bright purple top; pure white flesh, of excellent flavor, never bitter, small top, and a good keeper. It is a very shy seeder, hence true stock must be always kept in stock. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 50c.; 3 lbs., $2.50.

EXTRA EARLY PURPLE-TOP MUNICH. This handsome turnip is entirely distinct from any other variety, growing entirely above ground, pure white, with a bright, purple-colored, and flavorful, firm and smooth flesh, with excellent flavor when young. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 50c.

EARLY RED-TOP WHITE GLOBE. A very early and attractive variety; very productive and of white flesh, of fine quality. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 50c.

EARLY WHITE FLAT DUTCH. An early white-flushed variety, usually sown early in the spring, of quick growth, juicy, mild flavor and excellent quality; also grown for a fall crop. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 50c.

PURPLE-TOP FLAT (Strap-Leaved). This variety is similar to the above, excepting it is red or purple above ground. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 50c.

White Egg. A new, early, white, egg-shaped variety for early or fall sowing. Fine flavored, sweet, an extra keeper. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 60c.

POMERANIAN WHITE GLOBE. Useful for table use as well as feeding stock; productive, hardy and a splendid autumn turnip. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 40c.

Large White Norfolk, or Globe. A large growing globe-shaped variety one of the best early varieties for feeding stock. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 45c.

Large Cow Horn, or White French. Grows partly above ground; very productive and of excellent quality; flesh white. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

Purple-Top Yellow Aberdeen. Hardy, productive and a good keeper, globe shape, good for table use or feeding stock. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 20c.

Golden Ball, or Orange Jelly. A rapid grower, of excellent flavor, bright yellow, a good keeper, a superior table variety. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

YELLOW, or AMBER, GLOBE. Flesh firm and sweet; grows large, excellent for either table use or feeding stock. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

Top-Seven, or Forrester. Grown extensively in the South for its abundant leaves, which are boiled with meats. Pkt., 5c.; oz., 10c.; ½ lb., 50c.

MYERS' PURPLE-TOP BEAUTY RUTA-BAGA. This new variety is purely of American origin. The root is smooth and beautiful. The flesh is golden yellow, fine grain, solid, sweet, fine flavored and very nutritious. It is extremely hardy and earlier to maturity than any other form of Ruta-Baga, and will produce nearly twice the weight per acre. Oz., 10c.; ¼ lb., 20c.; lb., $1.00.

IMPROVED PURPLE-TOP YELLOW RUTA-BAGA. The leading market variety, and largely grown for stock as well as family use; hardy, productive, flesh yellow, solid, sweet, fine-grained, good flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.; 3 lbs., $2.50.

Carter's Imperial Swede, or Ruta-Baga. One of the best and sweetest of the Swedish turnips, for family use and feeding stock. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 40c.

Large White Ruta-Baga. Differs from the yellow only in color. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 40c.

SEEDS OF POT AND SWEET HERBS.

Those marked with an * are perennial, and when once obtained in the garden may be preserved for years.


Borage. Pkt., 5c.; oz., 10c.; ½ lb., 20c.

Catnip. Pkt., 10c.; oz., 25c.

Coriander. Pkt., 5c.; oz., 10c.; ½ lb., 25c.

*Caraway. Pkt., 5c.; oz., 10c.; ½ lb., 25c.

Dill. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 50c.


Marigold. Pkt., 5c.; oz., 10c.

Thyme. Pkt., 5c.; oz., 10c.; ½ lb., 25c.


Hyssop. Pkt., 10c.

*Fennel. Pkt., 5c.; oz., 10c.


*Rue. Pkt., 5c.; oz., 10c.

*Saffron. Pkt., 10c.

*Salvia. Pkt., 5c.; oz., 10c.; ½ lb., 25c.


*Thyme. Pkt., 10c.; oz., 25c.


*Wormwood. Pkt., 5c.; oz., 10c.

*HOLT'S MAMMOTH SAGE.*

We have grown and fully tested this valuable new variety for several years past and offer the plants to our customers with the greatest confidence in its merits. The leaf and plant are accurately shown in our illustration above. The plant is a very large, strong grower; and the plants covering a circular space of nine feet in circumference in one season. It is perfectly hardy and a decided improvement on the ordinary sage, a single plant producing eight to ten times as much from being much larger. It is also stronger in flavor and superior in quality, never running to seed. Price, 5 plants for 25c.; 10 for 50c.; B for $1.00, by mail, post-paid; $3.00 per 100 by express.
THE AMERICAN BEAUTY OATS. This grand new oat, which we now offer in our catalogue for the first time, was obtained by a continued selection for several years, by O. H. Alexander, of Vermont, of a new variety sent him from Moscow, in Russia. The introducer, an extensive grower and experimenter with oats, writes: "It is one of the heaviest croppers known, having yielded 82 bushels per acre, when the average yield of other good varieties was 55 bushels, and I find, after testing over 20 varieties in the past few years, the strain is far more valuable for fostering purposes than any that I know of." This variety was also tested at the Experimental Station, Geneva, N. Y., the report being as follows: "Alexander's No. 2 American Beauty Oats, being long and taper-pointed; average height, 3 feet 3 inches; culm very erect and stout, leaves often exceeding 16 inches in length, average length of panicle, 9 inches, berry large. This variety is destined to become very popular and is one of the most prolific varieties known." No progressive farmer should fail to plant the American Beauty Oats this season, as all that can be grown in 1891 will be wanted for seed in 1892. Prices, per large pkt., 15c.; lb., 20c.; 3 lbs., $1.00; post-paid, peck, 75c.; bush., $2.50; bag of 25 bush., $6.00; 10 bush. and over, $1.35 per bush., sacks included. 

NEW CLYDESDALE OATS. Well-cleaned samples of these oats will weigh fifty-one to fifty-three pounds per bushel, while an ordinarily cleaned lot will weigh forty-six to forty-eight pounds. Aside from its extraordinary weight, it ripens earlier and will produce more weight of grain to the acre than ordinary oats. The straw is straight, stiff, of good height, crowned with long, beautiful branching, well filled heads, twenty to twenty-four inches long, and free from any tendency to lodge. If you want to double the yield of your oat crop, you must sow either American Beauty, Baltic or Clydesdale, as there is nothing to equal them in productivity and quality. Pkt, 10c.; lb., 30c.; 3 lbs., 75c.; post-paid, by freight or express, peck, 60c.; legal bushel of 32 lbs., $1.50; 10 bushels and over, $1.35 per bushel, bags included.

WELCOME OATS. This oat has given great satisfaction every year here, succeeding in a wide range of climate and on a great variety of soil. Very productive and weighs from forty-eight to fifty pounds per measured bushel. The grain is very large, handsome, plump and full, with thin, white, close-fitting husk. They yield heavily. Extra strong, straight straw, five to six feet in height. By mail, post-paid, large pkt., 10c.; lb., 30c.; 3 lbs., 75c. By express or freight, peck, 40c.; legal bushel, 52 lbs., $1.25; 10 bushels and over, $1.35 per bushel, bags included.

The Baltic White Oats. This entirely new and distinct oat, which we offered for sale in America for the first time last spring, comes from the borders of the Baltic Sea in Sweden, where it was hybridized with all of the great Swedish varieties. In manner of growth they are different from any other variety, being neither a side nor sprouting oat, but growing closely and evenly all around the main stalk. We quote the following from a letter received from our farmer, one of the largest oat growers in the State of New York: "I have grown nearly every oat offered for sale in the last fifteen years, and none have proved half so desirable as these, out-yielding all other varieties I ever saw growing, my field of eight acres averaging eighty-five bushels to the acre, being twenty-six bushels more to the acre than Clydesdale under similar cultivation, and the handsome stalks of oat I ever saw. Very stiff and standing up well and entirely free from rust or smut, grain exceedingly large and handsome, weighing forty-five pounds per measured bushel. You will make no mistake in pushing this oat plump to the front." We sold these oats last spring to several hundred of our best farmers, and, notwithstanding the generally unfavorable season, have heard nothing but praise from it. See testimonials below. Prices, per large pkt., 10c.; lb., 30c.; 3 lbs., 75c.; post-paid, by freight or express, peck, 65c.; legal bushel of 32 lbs., $1.25, bag of 25 bush., $1.20; 10 bush. and over, $1.50 per bushel, sacks included.

F. R. Hastings, Brady, Pa., Sept. 28, 1890, writes: "The New Baltic Oats bought of you last spring gave great satisfaction, yielding more than double the acre to than our old varieties. We had a dry season, though the drought caused many other varieties to fail. Your Brandywine Tomatoes are the finest, some of them weighing twenty to a half pounds apiece."

R. E. Maynard, St. Charles, Minn., writes: "I think the Baltic Oats the best I ever saw. Very early and most productive, grain plump and heavy; straw long and handsome."

Fully appreciating the great importance to the farmer of GOOD FIELD CROPS, we have given particular attention to this department of our business, and have made the SELECTION AND IMPROVEMENT OF FARM SEEDS a specialty, exercising great care to secure the best varieties, thoroughly cleaned and of the finest possible quality.

E.G. At prices given, we make no charge for bags, and deliver free to any freight depot or express in Philadelphia.
SEED CORN. We make it an invariable rule to test our seeds carefully before sending out, and our customers may depend on getting Seed Corn that will grow perfectly. A sample ear is put in each sack with all orders of one bushel and over.

JOHNSON & STOKES’ NEW GIANT BEAUTY FIELD CORN.

In the new Giant Beauty we have a very valuable and long sought for variety, viz: A very large ear and grain, yet a very early Yellow Dent Corn. Giant Beauty is a cross between Clont’s Early Dent and Golden Beauty, possessing the earliness and deep grain of the former, with the handsome deep yellow color and breadth of grain of the latter. It is absolutely the largest grained of all yellow corn. Its small red cob and great depth of grain are well shown in the accompanying illustration made from an average ear. Its rich, deep golden color and fine quality of grain, make it very suitable for grinding into meal, and indicate its strong nutritive qualities. It is a very vigorous grower, taking strong hold in the ground and averaging eight feet in height, producing two large ears well filled to the extreme ends of the cob, even on light and poor land. Giant Beauty presents the most perfect type of Yellow Field Corn ever introduced, in every respect, and should be planted by all farmers who want to be abreast of the times. Pkt., 10¢; ear, 25¢; lb., 40¢; 3 lbs., $1.00, post-paid by mail. By express or freight, peck, 80¢; bushel, $3.50; sack of 2 bushels, $4.50.

IMPROVED LEANING

THE EARLIEST YELLOW DENT

The True Improved Leaning Corn is a pure, fixed and distinct variety, first introduced by us ten years ago. Our strain has been selected and improved each year since its introduction, and is the Earliest Yellow Dent Corn in Cultivation, ripening in ninety to a hundred days from time of planting, surpassing the Yellow Canada and Flint varieties in earliness, productiveness and quality. It is not a hard, flinty corn, but sweet and nutritious, making excellent feed and the finest meal. The ears are large and handsome, with deep large grains, of deep orange color and small red cob. Stalks grow to medium size (not large) with few suckers, tapering gradually from root to top, producing two good ears to each stalk, husks and shells easily. One hundred and thirty-six bushel-shelled corn have been grown to the acre on good corn ground. It is also adapted to a greater variety of soils than other varieties, producing unusually well on light or heavy land, where other varieties would not thrive. Prices by mail, post-paid, pkt., 8¢; lb., 30¢; 3 lbs., 75¢; 10 lbs., $1.50; 10 bushel and over, $1.25 per bush.

FARMERS’ FAVORITE DENT.

This is an improved variety of the Golden Dent with corn, which it resembles in some respects, ripening earlier. The ears are of good size, with very small cob and very large, deep grains, of a beautiful, bright golden yellow color. The corn meal made from this corn is very superior in quality and appearance. It produces well even on light land, frequently yielding from ninety to one hundred bushels of shelled corn to the acre. Lb., 30¢; 3 lbs., 75¢; post-paid; qt., 15¢; peck, 60¢; bushel, $1.75; bag of 2 bushels, $3.25; 10 bushel and over, $1.25 per bush.

CLOUD’S EARLY YELLOW DENT.

This corn originated some years ago by Jas. Cloud, a prominent Chester County farmer. It has taken first premiums wherever it has been exhibited. It has a fine, rich appearance, weights well, starts early and with a strong stalk as soon as it comes out of the ground, grows vigorously, though the stalks only range from seven to nine feet in height. It withstands severe droughts to a remarkable degree. Ears, set low, are of large size, well filled, very deep grained; sixty to seventy ears will yield a bushel of shelled corn. Matures early, and very productive, Lb., 30¢; 3 lbs., 75¢; post-paid; qt., 15¢; peck, 75¢; bushel, $2.00; bag of 2 bushels, $3.75; 10 bushel and over, $1.50 per bush, bags included.
The Golden Beauty is a large and broad yellow corn. The ears are of perfect shape, with from ten to fourteen large yellow-colored kernels, filled complete to the extreme end of the cob. The cob is very small in comparison with the size of the ear, and when broken in half it will reach across. The richness of color and fine quality of grain make it vastly superior for grinding into meal. The stalks take strong hold in the ground, grow vigorously to a height of eight to nine feet. Golden Beauty matures in one hundred and ten days from planting. We have many favorable reports from those who planted this corn, yielding in many cases at the rate of one hundred and twenty-five bushels to the acre. Prices by mail, post-paid, large pack, $1.00; lb., 30c.; 3 lbs., 75c. By freight or express, qt., 15c.; peck, 65c.; bush., $1.75; bag of 2 bush., $3.25; 10 bush. and over, $1.50 per bush, bags inc.

EARLY MASTODON CORN.

A new early Dent variety, originated in Ohio. The ear is very large, and grain deep. It grows strong, rank, quick, and makes the finest quality of shelled corn, being pure Dent, of two shades of white and yellow. It is claimed 159 bushels of ears have been grown on one acre. Pkt., 10c.; lb., 30c.; 3 lbs., 75c.; 5 lbs., 15c.; 10 lbs., 40c.; 40 lbs., $1.00, post-paid. By freight or express, bags included, qt., 15c.; peck, 65c.; bush., $1.75; bag of 2 bush., $3.25.

PREMIUM : CHESTER :: COUNTY : MAMMOTH.

Wherever introduced has given universal satisfaction, both on account of its large yields, fine quality of grain and excellent feed. The ears are large, filled to the end, and the grain very large, deep, and of a bright yellow color; the stalk is large, averaging from ten to fourteen feet, producing a larger quantity of fodder than any other yellow corn. Our stock has been improved each year by the most careful and skillful selection of the largest and earliest ears. By mail, post-paid, pkt., 10c.; lb., 30c.; 3 lbs., 75c. By freight or express, bags included, qt., 15c.; peck, 65c.; bush., $1.75; bag of 2 bush., $3.25.

HICKORY KING CORN.

This is unquestionably the largest grown and smallest cobbed pure white Dent corn in cultivation. The grain is big, full, and large, the stalk is small, the ears are large, and the cob, as large, filled complete to the end of the cob. The ears grow seven to nine inches in length, are generally ten to fifteen inches wide, and ripen early, yet we do not recommend it as an entirely safe crop north of the latitude of Pennsylvania. It is particularly adapted to and thrives well in any growing place other than the Ohio White Field Corn. By mail, pkt., 10c.; lb., 30c.; 3 lbs., 75c. By freight or express, qt., 15c.; peck, 65c.; bush., $1.75; bag of 2 bush., $3.25.

RED CBD ENSILOG CORN.

In introducing this new and superior ensilage corn we can fully recommend it, from experience, as being the heaviest cropping variety in cultivation, producing fifty to seventy-five tons per acre. It has been thoroughly tested in all dairy sections of the country with the best results. It is a pure white Dent corn, of large size and heavy stalk and ear appearance, growing on a red cob. The fodder is sweet, tender, juicy, and said to contain more nourishment than any other variety. It grows thirteen to fourteen feet in height, taking strong hold in the ground, standing up well and resisting storms of all kinds to a remarkable extent. Peck, 50c.; bush., $1.50; 10 bush. and over, $1.35 per bush.

BLUNT S WHITE PROLIFIC or MAMMOTH ESLILAGE CORN.

Produces three to eight good ears to a stalk. It is also much used for ensilage, and has been known to produce seventy bushels of fodder to the acre. Peck, 50c.; bush., $1.50; 10 bush. and over, $1.35 per bush.

LONGFELLOWS EARLY YELLOW CAN.

These well known early yellow dent varieties ripen very early, and are well adapted to the North and late replanting. Ql., 20c.; peck, 75c.; bush., $2.25.

GREEN CHEERFELESS.

Profitable as green feed for milch cows from the fact that it is sooner and more nutritious and eaten more readily than for Foggy Field Corn. Bush., $1.50; 3 bush. and over, $1.40 per bush.

A New Forage and Grain Plant.

The JERUSALEM CORN belongs to the non-saccharine sorghums, and was brought a few years since from the arid plains of Palestine by a missionary, who gave two grains of it to a farmer in Finney County, Kansas. These two grains made five heads the first year, next season he got five bushels, and next season he planted eight acres and gathered five hundred bushels. It is pronounced the best and surest grain crop for dry counties and seasons, even better than Kaffir Corn and Millo Maize. It grows about three feet high, makes one large head on main stalk, and several smaller heads on side shoots, often as many as eight heads on one stalk. The grains are pure white and nearly flat. Three pounds will plant an acre. The government experimental farm at Garden City raised a crop of it this season, and the following report is made by Henry Clay Brooks, Superintendent of the United States Experimental Grass and Forage Station:

"I raised a fair crop of Jerusalem Corn on the unirrigated part of the United States Experimental Farm the past season, which was the driest season in the past fifteen years at this point, the record showing ten inches less rain fall this year than the average of the past fifteen years.

"I had ninety acres in crop with different varieties of forage plants, and the Jerusalem Corn was the only kind that did any good. I consider it good for both man and beast. I have experimented with it in fattening a hog, which is in as fine condition as I ever saw one. I have also used it in my family in the form of hominy, and it certainly makes the best hominy I ever ate."}

The cultivation is the same as for Kaffir Corn and other forage plants. We hope all our customers who are interested in this class of plants will give the new Jerusalem Corn a trial. Pkt., 10c.; lb., 30c.; 3 lbs., $1.00, post paid. By freight or express, 30c. 10 lbs., $2.50; 25 lbs., $5.00.

KAFFIR CORN

Is now successfully cultivated for both forage and grain in all sections of the United States. It is the best general purpose plant of all the varieties of sorghum yet offered, unless it be the New Jerusalem Corn, and will make a paying crop on land that will not yield five bushels of corn or wheat. It is early as Amber Cane. It will make a fine crop of forage if cut in early bloom, and the stouts that then follow will mature a full crop of seed and forage. Both grain and fodder are excellent, the whole stalk tender to the full maturity of seed. There is no failure about it, as it possesses the quality that all the tribe possess, of waiting for rain without any loss of capacity to yield. The grain makes a flour that is like wheat. It can be cultivated the same as our common Indian Corn, requiring four to five pounds of seed per acre. By mail, postpaid packed, pkg., $1.00; 10 lbs., $6.50; 5 lbs., $4.00; by freight or express, qt., 20c; peck, $1.00; bush. (60 lbs.), $3.50.
YELLOW MILLO MAIZE, or DHOURA. A grain of South American origin, which we have dissected largely the past six seasons. It can be cut repeatedly for green feed, or for fodder. It stands or branches freely; the mass of foliage it produces is enormous, and the plants dry very well. Plant early in April, in rows three by four feet apart, five to eight seeds in a hill, requiring two pounds to the acre, and cultivate as corn. Post-paid, per 100 lbs., 35c.; 3 lbs., $1.10; by half bush., or freight, qt., 20c.; peck, $1.10; bush., $4.00.

SUGAR CANE—EARLY AMBER. This is by far the best variety for sugar, as it matures quickly, and the sugar it produces is of the best quality. It has been cultivated as far North as St. Paul, Minn. The seed is valuable also as food for horses and cattle, and is greedily eaten by poultry, increasing the egg production. For ensilage or fodder, it possesses important advantages. By mail, post-paid, lb., 35c.; 3 lbs., 75c.; by express or freight, qt., 20c.; bush. of 50 lbs., $2.50; 10 bush., or over, $2.25 per bush.

MAMMOTH RUSSIAN SUNFLOWER.

YELLOW MILLO MAIZE, or DHOURA. A grain of South American origin, which we have dissected largely the past six seasons. It can be cut repeatedly for green feed, or for fodder. It stands or branches freely; the mass of foliage it produces is enormous, and the plants dry very well. Plant early in April, in rows three by four feet apart, five to eight seeds in a hill, requiring two pounds to the acre, and cultivate as corn. Post-paid, per 100 lbs., 35c.; 3 lbs., $1.10; by half bush., or freight, qt., 20c.; peck, $1.10; bush., $4.00.

LARGE AFRICAN MILLET. A variety of sorghum. Pkt., 10c.; qt., 20c.; peck, $1.10; bush., $4.00.

SUGAR CANE—EARLY AMBER. This is by far the best variety for sugar, as it matures quickly, and the sugar it produces is of the best quality. It has been cultivated as far North as St. Paul, Minn. The seed is valuable also as food for horses and cattle, and is greedily eaten by poultry, increasing the egg production. For ensilage or fodder, it possesses important advantages. By mail, post-paid, lb., 35c.; 3 lbs., 75c.; by express or freight, qt., 20c.; bush. of 50 lbs., $2.50; 10 bush., or over, $2.25 per bush.

MAMMOTH RUSSIAN SUNFLOWER.

THE GIANT-OF-ALL-SUNFLOWERS. Growing 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 a less expense than corn. It is highly recommended for poultry feed; the best crops, producing good known. The leaves make splendid fodder, much relished by all kinds of stock. The seed is good feed for horses, and yields a fine quality of oil. The straw of the stalks are used for fuel. Oz., 5c.; qt., 20c.; (qt., post-paid, 55c.) peck, 85c.; bush., $8.00; sack, 2 bush., $5.00.

FRUIT SEEDS.

ARTICHOKE ROOTS.

Three bushels will seed an acre.

Jerusalem. This variety is not produced from seed. They are sometimes used as a table vegetable when pickled, but their greatest value is for feeding stock. They are the best hog food known and are now attracting much attention on account of their great fattening properties, great productivity (over one thousand bushels having been grown on an acre) and ease with which they can be grown. They need not be dug in the fall; the logs should be turned in on them, and will help themselves by rooting for them. One acre will keep from twenty to thirty heads in fine condition from October until April, except when the ground is frozen too hard for them to root. They are also said to be a preventive of cholera and other hog diseases; and they are also highly recommended for milch cows, increasing the yield of milk and at the same time improving their condition. They are well adapted to any soil where corn or potatoes can be grown. The tubers should be cut same as potatoes, one eye to a cut being sufficient. Planted in April or May, in rows three feet apart and two feet in the rows, and covered about an inch deep. To do this they should be plowed under when the plant is about a foot high, at which time the old tuber has decayed and new ones are not yet formed. They can be shipped early in the season, as they are not injured by freezing. Lb., 35c.; 3 lbs., $1.00, post-paid; by freight or express, peck, $1.00; bush., $3.00; bbl. of 3 bush., $7.00.

TOBACCO SEED.

TOBACCO SEED.

FERNISH ROSE MUSCATEL. Imported from Hungary, where it is regarded as the very best. It possesses a delicious Turkish or Rose perfume. Leaves are of medium size and regular shape. Pkt., 10c.; oz., 30c.; lb., $3.00.

GENERAL GRANT. The earliest tobacco; produces immense foliage, form texture, small veined and very elastic. Pkt., 10c.; oz., 30c.; lb., $3.00.

PRIMUS. A new early tobacco; leaves large, long, with fine fibre and enormously productive. Pkt., 10c.; oz., 30c.; 2 lb., 65c.; lb., $2.25.

ROSE MUSCATEL TOBACCO.

CONNECTICUT SEED LEAF. Saved by the best seedsmen in plants. Pkt., 5c.; oz., 20c.; 1/2 lb., 60c.; lb., $2.00.

HAY SAVES SEED LEAF. Saved by the best seedsmen in plants. Pkt., 3c.; oz., 10c.; 2 lb., 65c.; lb., $1.00.

PENNSYLVANIA, or Lancaster (Broad Leaf), Maryland and Virginia (Broad Leaf), Yellow Orokoko, Gold Leaf, Redder, White, Gooch, Autumn, and Reddy Pryor, each, pkt., 10c.; oz., 25c.; 1/4 lb., 60c.; lb., $2.25.

BEST & PUREST BROOM CORN IN CULTIVATION.

WEBER'S IMPROVED EVERGREEN BROOM CORN is the best and purest in cultivation, originated and selected by Mr. Geo. Weber, one of the largest growers of Montgomery County, Pa., who has for many years led the way in the matter of having the best in the State, having made his stock famous by selection and improvement for large height and straightness of bush. It is of a very bright green color, without the slightest reddish tinge. It makes by far the best brooms of any other grown: height, having the best in the State, having made his stock famous by selection and improvement for large height and straightness of bush. It is of a very bright green color, without the slightest reddish tinge. It makes by far the best brooms of any other grown: height, having the best in the State, having made his stock famous by selection and improvement for large height and straightness of bush. It is of a very bright green color, without the slightest reddish tinge. It makes by far the best brooms of any other grown.
SPRING WHEAT.

FRENCH IMPERIAL. This wheat has proven itself a most desirable variety. It possesses the quality of filling out its bunch, has an extra No. 1. wheat, weighing sixty-two to sixty-four pounds per measured bushel. It is well adapted to rather poor soils, producing good crops of No. 1. hard wheat. The wheat is vigorous and strong in its growth, and yielded the past season from forty to fifty bushels per acre. By mail, pkt., 10c.; lb., 35c.; 3 lbs., $1.00. Express or freight, peck, 50c.; bushel, $2.50.

SASKATCHEWAN FIVE. This wheat comes originally from Manitoba, and is pronounced by the great milling kings of the Northwest the best. It frequently weighs sixty-five pounds to the bushel, and it is said fifty bushels to the acre is not an uncommon yield. It is ten days earlier than the common French straw growing about a foot taller, standing stiff and strong; highly recommended. Pkt., 10c.; lb., 35c.; 3 lbs., $1.00, post-paid. Peck, 50c.; bushel, $2.75.

SPRING RYE.

Distinct from the winter rye, grain of finer quality and more productive; can be successfully grown in any latitude. Lb., 50c.; 3 lbs., $1.00, post-paid; peck, 60c.; bushel, $2.00.

NEW JAPANESE BUCKWHEAT. In 1853 a gentleman travelling in Japan sent to a friend in New Jersey about a thimbleful of this new variety. It was carefully planted, and enough seed raised to save one-half bushel in 1854, from which the crop was forty bushels. A few bushels of this was given out for trial among neighboring farmers, who were delighted with the enormous yields it produced. Sown at the same time with Silver-Hull, it proved two weeks earlier and yielded twice as great. The kernels are twice the size of any other buckwheat, as shown in our illustration above; of a rich dark brown color and manufacture a superior flour. Owing to its branching character only one-half as much seed is required per acre, while the straw is much stiffer and stands up better. This new buckwheat must in time displace all others. Pkt., 10c.; lb., 35c.; 3 lbs., 75c., post-paid; qt., 25c.; peck, 60c.; bushel, $1.50; 5 bushel and over, $1.40 per bushel, sacks included.

SILVER-HULL BUCKWHEAT. Sown at the same time as the common buckwheat, this variety continues in bloom longer, matures earlier, and yields nearly double. The flour produced from it is whiter and more nutritious. Lb., post-paid, 25c.; qt., 20c.; peck, 50c.; bushel, $1.50.

COMMON BUCKWHEAT. Qt., 15c.; bushel, $1.25. SOYA HISPIDA (Soja Bean). Grown largely for forage crops and valuable for green manuring. Pkt., 10c.; lb., 90c.; post-paid; peck, $1.25; bushel, $4.00.

THOUSAND-HEADED CABBAGE, or Kale. Oz., 10c.; lb., 60c.; 5 lbs., and over, 50c. per lb.

FLAXSEED. Qt., 15c.; bushel, 56 lbs., about $2.50.

OBSOLETE ORANGE. Lb., 50c.; peck, $2.00; bushel, 33 lbs., $7.00.

Mansbury Barley. The earliest and most productive. Qt., 20c.; peck, 60c.; bushel, $2.00.

Spring Barley. Qt., 15c.; peck, 50c.; bushel, 48 lbs., $1.50.

Spring Tares, or Vetches. Qt., 30c.; bushel, $3.50.

GRASS IS KING.

Our grass and clover seeds are extra cleaned and of the highest quality. We take great care to have them absolutely free from all dross and weed seeds.

Our little work, "GRASSES FOR THE NORTH AND SOUTH," giving descriptions and illustrations of all varieties will be mailed to all who write for it.

POSTAGE ON GRASS SEEDS.

Remit, in addition to price, 5c. per lb., and 15c. per qt., except on light varieties, which do not weigh over 1 lb. per bushel, on which remit 5c. per qt., to prepare postage.

VARIETIES OF CLOVER.

Clovers are the Foundation of Farming.

ALSIKE. SWEDISH HABIT CLOVER. (Trifolium Hybridium). This valuable variety is the hardiest of all the clovers and is sometimes called "Crested White Clover." It is a perennial, therefore adapted for permanent pastures to the hay crop. Perfectly hardy; never hearsed, and thrives in the winter, thrives equally well on weterdry soil, through dry summers, and through drought; resistant to excessive rains. Grown on clover land, and yields a heavy bulk of herbage where no other clover succeeds. Its superior pastureage is much liked by cattle, and it is well suited to sowing on lands liable to wash, as it is long, fibrous roots spread over a wide area and so interface and hold the soil as ALSIKE, OR SWEDISH, THE HARDEST OF THE CLOVERS.

Crimson Clover. An excellent clover for perennial Fodder Plant, growing to the height of about three feet, and flowering in June and July, and standing improving by age. It is naturally adapted for light chalky soils, being an enduring, heat resisting clover, and may be sown either broadcast or drilled. If the broadcast system of sowing is preferred, it will require about five to six bushels per acre; if drilled, four to five bushels. It will crop from seven to ten years, according to the nature of the soil. Lb., 25c.; 10 lbs., $1.25; bushel of 25 lbs., $3.00.

BUCKWHEAT. A perennial forage plant, and when once properly seeded in suitable soil will produce fine crops for several years. It has a remarkable strong growth, occasioned by its roots penetrating the ground to a great depth and branching off to twenty feet, until they are altogether out of reach of drought. Its cultivation is simple, requiring no more care and attention than a crop of the ordinary red clover, excepting the first year in preparing the soil and seeding; the ground should be thoroughly mellowed and prepared by clean and careful tillage, the seed sown with a grain of rye at the spring, or as a separate crop, at the rate of ten to twelve pounds per acre, and the second year it will become thoroughly established. It delights in deep, light soil, and stands well on poor soil. Per lb., 5c.; 10 lbs., $2.00.

CRIMSON, OR CARNATION CLOVER. The most attractive of the clovers by its bright scarlet flowers, giving a desirable succession of green food. Lb., 25c.; 10 lbs., $2.00.

WHITE DUTCH CLOVER. The best to sow with lawn grasses and valuable in permanent pastures. Oz., 5c.; lb., 60c.; 25 lbs., and over, 30c. per lb.; bushel, 60 lbs., $12.00.

CLEVER COMFORT RED. Lowest market prices. Lb., 60c.

MAMMOTH PEA VINE, OR SAPLING CLOVER. Market variable. Lowest market prices.

JAPAN CLOVER. Valuable for the South. Lb., 40c.
CANADIAN BLUE GRASS. (Poa compressa.) The hardest grass in cultivation, should not be confused with the Kentucky Blue Grass. Canadian Blue Grass shoots its leaves very early. All grazing animals eat it greedily; cows fed on it produce a very rich milk and fine flavored butter, and it is especially relished by sheep. Its bluish-green stems retain their color after the seed is ripe. It shrinks less in drying than most other grasses, and consequently makes hay very heavy in proportion to its bulk. It is an excellent grass for dry, sandy, thin soils and banks, and for covering the surface of rocky soils, along trodden walks, gravely knolls and upon all soils that are affected seriously by long continued droughts. Q.t., 50c.; bush., 15 lbs., $3.50.

KENTUCKY BLUE GRASS. (Fancy, triple cleaned.) Valuable for pasture when mixed with other varieties, retaining its verdure in the hottest weather. Q.t., 15c.; bush., 11 lbs., $5.00; 5 bush, and over, $2.25 per bush.

JOHNSON GRASS. This grass is being used in increased quantities, not only in the South, but in the West, and largely in New Jersey. It is perennial, a rapid grower, very nutritious, being eagerly favoured by all kinds of stock. Comes early in spring, grows until the frost cuts it down in the fall, stands the drought better than any grass, having long, cane-like roots, which penetrate the soil for moisture superior both as a grazing and hay grass. One bushel will sow an acre. Q.t., 35c.; bush., 33 lbs., $3.00.

ORCHARD GRASS. One of the most desirable pasture grasses. Q.t., 15c.; bush., 12 lbs., about $1.75.

Timothy. Q.t., 20c.; bush., 15 lbs., about $2.25.

HERB, or RED TOP GRASS. A valuable native permanent grass, as a mixture in meadow pastures growing in almost any soil, moist or dry. Q.t., 10c.; bush., 10 lbs., 75c.; in sacks of 50 lbs., about $8.04.

East India, or Pearl Millet. Cultivated for fodder. Lb., 35c.; 10 lbs. and over, 25c. per lb.

Sweet Vernal Grass. Useful to mix with other grasses for pastures or lawns, cultivating an agreeable odor when cut. Lb., 50c.; bush., 10 lbs., $4.00.

Hungarian Millet Grass. One of the most valuable annual forage plants. Q.t., 10c.; bush., 48 lbs., about $1.50.

German, or Golden Millet Grass. Will grow in almost any climate or soil; the yield in hay or seed is larger than any other variety. Q.t., 10c.; bush., 50 lbs., about $1.75.

Common Millet. Q.t., 35c.; bush., 50 lbs., about $1.70.

Tall Meadow Oats Grass. A valuable grass for permanent pasture, on account of its early, luxuriant growth and abundant supply, which is relished by cattle, early and late. Makes splendid hay. Q.t., 20c.; bush., 13 lbs., $3.50.

English Rye Grass. A nutritious, permanent grass, for meadows and pastures. Q.t., 20c.; bush., 24 lbs., $3.50.

Wood Meadow Grass. Adapted for pleasure grounds, under trees, where few other grasses can exist; forms a fine sward; fine for pastures under close feedings; produces twenty-eight pounds to acre. Lb., 40c.; bush., 14 lbs., $3.00.

Meadow Foxtail, Crested Dogtail, Fine-Leaved Fescue, Water Meadow, Rough-Stalked Fescue, each, per lb., 45c.; 10 lbs. and over, 40c. per lb.

Rhode Island Hair, Creeping Bent, Wood Hair, Hard Fescue, Sheep Fescue, Meadow Fescue, or English Blue, Meadow Soft, each, per lb., 50c., 10 lbs. and over, 35c. per lb.

OAKMEADOW LAWN GRASS SEED.

It has become a well recognized fact that a beautiful lawn produces more red, grand, cheerful and subdued effect, around either mansion or cottage, than anything else that the art of man has been able to produce.

OUR EVERGREEN LAWN MIXTURE

Will insure a beautiful dwarf, green, compact sward, and remain green and fresh during our hot, dry summer months, even when sown on Lawns, Tennis, Croquet and Ball Grounds in constant use, and has become widely known, and is exclusively used on the finest public and private grounds around Philadelphia, New York and other cities.

Prices, q.t., 25c.; 2 qts., 40c.; q.t., post-paid, 50c.; peck, $1.00; bush., 16 lbs., $4.00.

OUR FAIRMOUNT PARK

LAWN MIXTURE

Is composed of fine grasses, but less expensive than those used in our Evergreen Mixture. Q.t., 25c.; 2 qts., 35c.; q.t., post-paid, 40c.; peck, $1.00; bush., 16 lbs., $4.00.

SOWN WITH JOHNSON & STOKES: NEW EVERGREEN LAWN GRASS SEED.

SPECIAL MIXTURES FOR PERMANENT PASTURE AND MOWING LANDS.

JOHNSON & STOKES’ No. 1 MIXTURE FOR PERMANENT PASTURE. Per bushel, $2.50. Contains, blended in proper proportion for the purpose, the following Grasses: Orchard Grass, Hard Fescue, Meadow Foxtail, Tall Meadow Oats, Red Top, Kentucky Blue, Italian Rye Grass, Perennial Rye Grass, Sweet Vernal, Meadow Foxtail, Tall Meadow Oats, Red Top, Kentucky Blue, Timothy, Wood Meadow, Rough-Stalked Meadow, Alsike Clover, White Clover.

General List of Flower Seeds.

All flower seeds are sent free by mail on receipt of price.
Full cultural directions will be found on each packet.

To save our customers the trouble of writing out names we have attached a number to each variety; therefore, please order by the numbers.

In ordering Flower and Vegetable Seeds in packets purchasers sending $1.00 may select packets to the amount of $1.25. Those sending $2.00, to the amount of $2.50. Those sending $3.00, to the amount of $3.75 and so on.

For varieties not in this list, see abridged list, page 91.

A. Saxon, Saxatile 25c.
Hardy Alyssum 3 ft.

A. ALYSSUM

ALYSSUM

A well-known favorite, with delicate flowers of a honey-like fragrance; much prized for bouquets, baskets, rockeries and bedding; a continual bloomer.

140. A. Sweet. Flowers white; 1 ft.; hardy annual. Oz., 25c.; pkt., 5c.
141. Little Gem. (Bathurst Compactum.) A new and very compact growing sort thickly studded with spikes of pure white flowers; 1 ft.; hardy annual. Oz., 75c.; pkt., 5c.

AMARANTHUS

A. Gem. (Japanese or Boston Toy.)

160. A. Veitchii. Clings firmly upon any surface and can be confined in any limit by pruning. Leaves olive green, which turn to scarlet in the autumn; the best kind of a plant for covering unsightly objects; 50 ft. Hardy perennial. Oz., 25c.; pkt., 10c.

AGERATUM

This plant is a continual bloomer from early summer until the ensuing spring, and highly prized as a pot and bedding plant; half-hardy annual.

100. A. Mexicanum Nanum. Lilac-blue; 1/2 ft.; Oz., 25c.; pkt., 5c.
103. A. Imperial. Dwarf; white. Oz., 25c.; pkt., 5c.

ROYAL PRIZE ABUTILON

ABUTILON

Few lovers of these beautiful flowers are aware how easily they can be raised from seed and how beautifully they flower all summer the first season. To get them in bloom early, the seeds should be started in the house and the young plants set out in the garden when the weather is warm and settled. The Royal Prize Abutions here offered embrace the most elegant colors, both selfs and streaked and veined varieties. Half-hardy perennial.

46. A. Fireball. Dwarf; compact habit; large, deep crimson flowers. Pkt., 25c.

AMARANTHUS

 Plants are grown entirely for their richly colored foliage and long racemes of curious-looking flowers. Half-hardy annuals.

161. Tri-color. (Joseph's Coat.) Handsome red, yellow and green foliage; 3 ft. Oz., 25c.; pkt., 5c.

A. Cruentus. (Prince's Feather.) Erect flowering; bright scarlet. Oz., 75c.; pkt., 5c.

163. Salielofolius. (Fountain Plant.) Of a pyramidal drooping habit; leaves willow-shaped, changing to magnificent hues; 4 ft. Oz., 40c.; pkt., 5c.


A. CAUDATUS

A. MEXICAN M.N.A.U.
SPECIAL ASTERS.

Not only the most popular, but the most effective in the entire list. While most easy of culture, there is no flower which combines so much beauty and variety of color and shape and habit as the modern Aster. For a late summer or fall display they have no successful rival. Give them a rich soil, and in hot, dry weather they should be mulched and well watered.

**Truffaut's Peony Perfection Aster.** A very favorite type. Thrifty, upright plants; large fine flowers, with long incurved petals. The florists' Aster, and one of the finest.

- 320. A. Peony Perfection. Finest mixed; all colors, . . . . 10
- 321. A. Peony Perfection, Satin-white, . . . . 10
- 322. " " " Crimson, . . . . 10
- 323. " " " Dark blue, . . . . 10
- 324. " " " Violet with white, . . . . 10
- 325. " " " Rose , . . . . 10
- 326. " " " White with carmine, . . . . 10

**DWARF CHRYSANTHEMUM-FLOWERED ASTERS.**

Plants only ten to twelve inches high; producing flowers of the largest size and choicest colors.

- 327. A. Chrysanthemum-Flowered. Mixed, . . . . 10
- 328. " Pure white, . . . . 10

**VICTORIA ASTERS.**

A magnificent race of Asters. The colors include many delicate and some gorgeous shades; flowers very double and four inches across and from twenty to thirty in a single plant; fifteen to eighteen inches high.

- 329. A. Victoria. Choice mixed, . . . . 15
- 330. " Pure white, . . . . 15

**GERMAN QUILLED ASTER.**

Flowers composed of tube or quilled-shape petals. Very beautiful, with a great variety of colors.

- 331. German Quilled. (Betteredge's Prize). Mixed, . . . . 10
- 332. " Pure white, . . . . 10

**DEEP SCARLET TRIUMPH ASTER.**

333. This is undoubtedly the most beautiful and perfect of all dwarf Asters. Each plant form an elegant bouquet of itself seven to eight inches high. The flowers measure from two and one-half to three inches across, of faultless form. The color is rich brilliant scarlet; each plant bears at least thirty to forty flowers of exquisite beauty.

**COMET ASTER.**

334. Its long wavy and twisted petals are formed into a loose, yet dense half-globe, resembling the Japanese Chrysanthemums; flowers three and one-half to four and one-half inches across. Each petal a delicate pink, margined with white.

**NEW QUEEN ASTER.**

The Finest Dwarf Aster in Cultivation. (See Notes.)

This splendid Aster makes dwarf bushy plants about ten inches high, of compact habit of growth, producing a great number of double flowers, which resemble in shape and size the Victoria Aster. It is excellent for pot culture and for bedding. As yet there are only two colors distinctly enough to be worthy of introduction.

- 335. Satin White Queen, . . . . 20
- 336. Crimson Queen, . . . . 20

**CROWN ASTER.**

337. The center of each flower is white, surrounded by a broad margin of color, such as crimson, rose, violet, etc.; flowers large and freely produced; height, eighteen inches to two feet. (See cut.) . . . . 10

**NEW PEARL ASTER.**

This entirely new and distinct class of Asters is superior to most other types. The plants form handsome pyramids about fifteen inches high and are literally covered with a mass of the most perfect flowers, round in shape, and three and one-half to four inches in diameter, finely and fully fringed, and borne on long stems. They are most admirably adapted for pots and borders and especially valuable for cut-flowers.

- 337. New Pearl Mixed, . 25
- 338. " " Pure White, . . . . 25

**TRUFFAUT'S P. EONY PERFECTION ASTER.**
AURICULA.

A dwarf growing plant, bearing umbels of fragrant flowers of many rich and beautiful colors. A great favorite in Britain, where flower shows are held of this plant alone. Hardy perennial; ½ ft.


AQUILEGIA. (Columbine.)

This plant blooms early in the spring and summer and produces beautiful, curiously-formed and variously-colored flowers; hardy perennials.

240. A. Single. All colors mixed; 2 ft. Pkt., 5c.
241. A. Double. All colors mixed; 1½ ft. Pkt., 5c.
242. A. Chrysanthemum (Golden Spurred). A strong grower, forming bushy plants 3 ft. high, bearing all through the season an abundance of bright, golden yellow flowers. Pkt., 15c.

BEGONIA.

(Lady Slipper, or Touch-me-not.)

Our collection embraces all the most improved kinds, and there have certainly been great improvements made in varieties within the last 25 years. The largest and best double flowers are secured by first sowing in a seed bed and then transplanting them where they are to grow. Hardy annuals; 2 ft.

ROYAL CAMELLIA PRIZE BALSAM.

BALSAM.

360. B. Extra Double, White. This is the handsomest, double, white balsam so much grown by florists. Very choice. Oz., 32c.; pkt., 10c.


362. New Challenger Prize. The flowers are of wonderfully large size and perfect shape, colors brilliant and varied, comprising pure white, lemon, salmon, rose, crimson, deep pink, purple, mottled and striped. Pkt., 25c.


365. Double Solferino. Very beautiful, white ground, striped and streaked with lilac and scarlet. Oz., 60c.; pkt., 10c.

366. Royal Camellia Prize. This is the most magnificent strain of perfectly double Balsams ever introduced. The flowers are wonderfully large size and perfect shape, of exquisite shades of pure white, white shaded with pale lemon, cream white, salmon, rose, rich crimson, deep pink, violet, bright purple, and a great variety of superbly mottled varieties. Price, pkt., 25c.


CALCEOLARIA.

BEGONIA.

Quite popular for planting out in the spring, and should be set out as soon as the ground is warm. They are likewise highly prized for window gardening. Bloom the first season from seed.


421. Tuberous-Rooted, Double, Mixed. This collection embraces the largest flowers and most lovely shades, by hybridizing the best single and double varieties for that purpose. Pkt., 40c.


CALCEOLARIA.

Now recognized as one of the grandest plants in existence, producing masses of pocket-like flowers; a universal favorite for decorating the greenhouse and conservatory early in the spring.

530. C. Hybrida Grandiflora, Tall Mixed. The finest large flowering and most floriferous sorts, of the richest colors: 36 in. Pkt., 25c.

531. C. Hybrida Grandiflora Pumila Compacta, Mixed. A new strain of dwarf, compact and strong growing sorts, producing large and brilliant self-colored and spotted flowers; 1½ ft. Pkt., 40c.

522. C. Rugosa. Small flowering varieties for bedding, of the finest colors; 2 ft. Pkt., 40c.
CALENDULA. PRINCE OF ORANGE.

CALENDULA. (Marigold).
Very free and attractive bloomers, growing well in almost all situations. Hardy annuals.
540. C. Officinalis Meteor. A splendid large flowering variety, double striped, of a deep orange on a pale yellow ground; 1 ft. Oz., 25c.; pkt., 5c.
541. Prince of Orange. A novelty surpassing in beauty C. Meteor, the flowers being striped with a more intense shade of orange; 1 ft. Oz., 5c.; pkt., 10c.

CANDYTUFT.

(Campanula.)
Favorite plants of the easiest culture, useful for growing in beds or masses; bloom long and freely. Hardy annuals.
621. Fragrant. (Patentula.) Pure white, plaited foliage; 1 ft. Oz., 25c.; pkt., 5c.
623. White Tom Thumb. (Hybrida Xana.) A new dwarf variety, growing about six inches high branching into a handsome bush, about sixteen inches in diameter. Pkt., 10c.
624. Fine Mixed. Comprising all the choicest tall-growing varieties; 1 ft. Oz., 25c.; pkt., 5c.
625. C. NEW EMPRESS. One of the finest varieties of recent introduction. It is intermediate in height between the old Rocket and the newer Tom Thumb sort. The plant is of a very branching habit, and assumes when fully grown and covered with its large trusses of pure white flowers, a very handsome candelabrum-like aspect. Pkt., 10c.

CANA'I. (Indian Shot Plant.)
The tropical luxuriance of this plant renders it particularly suitable for forming groups on lawns, or as a back-ground for dwarf growing plants. The flowers of these plants have been greatly improved. Half-hardy perennials.
640. C. Marechal Vailliant. Foliage rich maroon; large, bright orange flowers; 5 ft. Pkt., 5c.
641. Tricolor. Foliage green, red and creamy yellow; bright scarlet flowers; 3 ft. Oz., 75c.; pkt., 5c.
643. C. Gigantea. 8 ft. Pkt., 5c.
645. Dwarf Large Flowering. Pkt., 15c.

COREOPSIS, or CALLIOPSIS.

Very showy free-flowering plants, natives of this country; fine for borders and beds, easily cultivated. Hardy annuals.
560. C. Drummondii. Yellow, with a circle of rich crimson brown; 1 ft. Pkt., 5c.
562. Mixed. Embracing the most showy colors. Oz., 50c.; pkt., 5c.

CALLIOPSIS GOLDEN WAVE.

564. Golden Wave. For a mass of bright color, this is probably the most effective of all annuals. Plant very bushy and compact, reaching two feet in height, and covered from July to October, with hundreds of beautiful golden blossoms, with small dark centres. It is indeed a wave of gold. Pkt., 10c.

CAMPANULA. (Bell Flower.)
Very attractive plants with pretty bell-shaped flowers; of very easy culture.
CENTAUREA. (Dusty Miller.)
Extensively used for margins, beds and vases. Half-hardy perennials.

660. C. Candidissima. Aromatic, silvery, cut leafeds. Half-hardy perennials; 1 ft. 1,000 seeds, 75c.; pkt., 10c.

686. Gymnacarpa. Graceful, finely cut, silvery gray leaves. Half-hardy perennials; 1½ ft. Oz., $1.00; 1,000 seeds, $1.00; pkt., 10c.

687. Cyanus Minor, Mixed. (Blue Bells of Erin.) Beautiful flowers, in bloom all summer; pretty shades of white, blue and deep rose. Hardy annual; 1½ ft. Oz., 25c.; pkt., 5c.

CHRYSANTHEMUMS.

700. C. Gladstone. A new and beautiful English variety, flowers rich crimson, great size and perfect form; profuse bloomer. Hardy annual; 1 ft. Oz., $1.00; pkt., 10c.

701. The Sultan. Flowers are a rich velvety crimson maroon, with gold colored rim about one-quarter inch deep next to the center; 1½ ft. Hardy annual. Oz., $1.00; pkt., 10c.

702. Burridgeanum. Crimson, with white edge and inner white circle; very pretty; 1 ft. Hardy annual. Oz., 40c.; pkt., 5c.

706. C. Coronarium. Double white and yellow; fine. Pkt., 10c.

708. C. Maximum. (See Cut.) This new variety is a grand addition to our collection of choice hardy perennials. Its luxuriant snow-white flowers are produced in great abundance the whole season, and as cut flowers they are unsurpassed in lasting qualities. Pkt., 15c.

CINERARIA. (Cape Astra.)
Very attractive, free-flowering green-house plants, blooming during the winter and spring months. Though perennials, they do not reappear as treated as tender annuals.

720. C. Hybrida, Grandiflora, Prize, Tall, Mixed. Extra selected seed, unsurpassable in quality and beautiful brilliant colors; 2 ft. Pkt., 40c.; extra large pkt., $1.50.

721. Hybrida, Grandiflora, Prize, Dwarf, Mixed. Produce the same large and brilliant flowers as the above variety, but only grow about 1 ft. high. Pkt., 40c.; extra large pkt., $1.50.

CINERARIA. (Dusty Miller.)


741. Acanthifolia. Beautifully cut silvery foliage; harder than the above; 1 ft. Pkt., 10c.

CHRYSANTHEMUM MAXIMUM.

CHRYSANTHEMUMS.

703. Caranatum (Tricolour) “Eclipse,” resembles C. Burridgeanum, but surpasses it greatly by its striking colors of great beauty, which are a pure golden yellow with a purplish-scarlet ring on the ray florets, the disc being a dark brown; 1 ft. Hardy annuals. Oz., 60c.; pkt., 10c.

704. Selected, Mixed, Comprises all the most prominent of the prettiest single and double sorts. Hardy annuals. Oz., 45c.; pkt., 5c.

705. New Double Japanese and Chinese Mixed. These superb flowers present many odd and, 1½ ft. varieties, frequently measuring six inches in diameter, with broad petals deeply incurved, varying in color from pure white to pale pink, crimson, maroon and rich orange brown. Pkt., 25c.

706. Lord Beaconsfield. An exceedingly handsome and wonderfully brilliant variety. The flower is very large and perfect in form; color a rich crimson maroon, edged and striped with gold and having a golden rim surrounding the eye. Pkt., 15c.

CLEMATIS.

780. C. Jackman’s Large-Flowering Hybrids. The flowers will average three inches in diameter, ranging through all conceivable shades of beautiful porcelain, blue and white. Hardy perennials, 10 ft. Pkt., 25c.


782. Virginia. Greenish white, fragrant flowers; dies down to the ground in winter, but starts up in spring. Hardy perennial; 20 ft. Pkt., 10c.

783. Hybrida Double, Mixed. Possess all the varied hues of the hybrid tall and dwarf varieties; 2 ft. Pkt., 40c.; extra large pkt., $1.50.

784. Flammula. A luxuriant climber, with large clusters of small, white, sweet-scented flowers; 15 ft. Oz., 40c.; pkt., 10c.

CARNATION, OR PICOFFEE PINK.

(Dianthus Caryophyllus Flore Pleno)

660. C. Grenadin. Blooms with flowers rather than any other Carnation; more floriferous, larger and finer double flowers, which are of a brilliant scarlet color; 1 ft. Pkt., 25c.

661. Finest German Double, Mixed. Saved from extra choice named double flowers; 1½ ft. Pkt., 25c.


663. C. Marguerite. See Novelties. Pkt., 25c.

664. C. Finest Double Striped. (See cut.) Pkt., 15c.
COLEUS.

C. American Hybrids. Mixed. Seed saved from the finest hybrid sorts; remarkable for their brilliant and varied foliage. Pkt., 25c.; extra large pkt., 75c.

G. New Hybrids. Choicest new varieties. (See illustration.) Pkt., 50c.

CONVOLVULUS. (Morning Glory.)
The most popular annual in cultivation. The dwarf varieties are very pretty for bedding, hanging baskets, and vases. Hardy annual.

C. Tricolor Roseus. Beautiful rose color, with pure white center; fringed with purple; shading towards the throat with five broad bands of golden yellow; 1 ft. Pkt., 5c.

C. Major, Mixed. Finest colors; 1 ft. Pkt., 25c.; pkt., 50c.

C. Mauritius. A beautiful trailing plant, with rich blue flowers; 1 ft. Pkt., 10c.

C. New Crimson Violet. 1 ft. Oz., 25c.; pkt., 5c.

C. Minor, Mixed. All colors; 1 ft. Oz., 20c; pkt., 5c.

COSMOS HYBRIDUS.

Plants four to six feet high; literally covered in the autumn with large single flowers. A group in bloom is a gorgeous sight. Colors range through shades of rose, purple, flesh and white. Price, per pkt., 10c.

C. Persicaria. Charming bulbous-rooted plants, with beautiful foliage and rich-colored, orchid-like, fragrant flowers. If seed is sown early they make flowering bulbs in one season. They require sandy loam; half-hardy perennial; 6 in. Pkt., 25c.

C. Giganteum. A new large-flowering variety; 8 in. Pkt., 50c.

CYPRESS VINE. (Ipomera quamoclit.)

C. Crimson. Oz., 40c.; pkt., 5c.

C. White. Oz., 40c.; pkt., 5c.

C. Mixed. Oz., 40c.; pkt., 5c.

C. Scarlet Ivy-leaved. Deeply lobed ivy-like leaves; fiery scarlet. Oz., 60c.; pkt., 5c.

DAHLIA.

Will bloom the first year from seed, if sown not later than March; 2 to 6 ft. Half-hardy perennial.


D. Single. Mixed. Saved from the very choicest single varieties. Oz., $2.00; pkt., 50c.

DATURA.

(Trumpet Flower.)
Produces an excellent effect when planted in borders or shrubberies; 5 ft. Half-hardy perennial.

D. Fastuosia Hube- rianna. Mixed. Large, double flowers of various colors. Pkt., 5c.

D. Wrightii. (Melan) Handsome, white, single flowers of exquisite fragrance. Pkt., 5c.
DELPHINIUM. (Larkspur.)

Very handsome plants, producing a fine effect no matter where grown; producing a profusion of bloom the entire summer. Will bloom the first year from seed.


1063. Imperial Flore Pleno. (Emperor Larkspur.) With beautiful long spikes of brilliant dark-blue, tricolor and red striped double flowers; ½ ft. Hardy annual. Pkt., 10c.


ESCHSCHOLTZIA.

ESCHSCHOLTZIA. (California Poppy.)

Very pretty, profuse blooming plants of extremely rich and beautiful colors; blooming from June until frost.

1189. E. Californica. Very large, bright yellow flowers, with rich orange centre; 1½ ft. Hardy annual. Oz., 20c.; pkt., 5c.


1193. E. Mandarin. Inner side of the petals rich orange, the outer side brilliant scarlet; when in full bloom the plants of this charming novelty present a gorgeous outline. Pkt., 10c.

GLOXINIA HYBRIDA CHASSIS. FOLIA.

A bulbous-rooted plant, producing in great profusion, during the summer months, large bell-shaped flowers of the richest and most beautiful variety of brilliant colors; the bulbs must be kept warm and dry during the winter; 1 ft.


1384. Spotted and Tigered. Finely spotted and marbled. A fine addition to the varieties. Pkt., 35c.

1385. New Scarlet Defiance. The flowers of this most beautiful sort are large, borne upright and of an intense, glowing, crimson scarlet, a color not yet found among gloxinas. They come true from seed and will certainly please every lover of this charming plant. Pkt., 50c.

GRASSES. (Ornamental.)

1400. Agrostis Nebulosa. Pkt., 5c.


1412. Briza Maxima. (Rottweil Grass.) 1 ft. Pkt., 5c.

1413. Coix Lachrymae. (Job's Tears.) 2 ft. Pkt., 5c.


1416. Hordeum Jubatum. (Squill-Soft Grass.) Pkt., 5c.


1448. Stipa Pennata. (Feather Grass.) 2 ft. Pkt., 5c.

1449. Erageostis Elegans. (Lace Grass.) 1 ft. Pkt., 5c.

1450. Eulalia Zebra. (Zebra Grass.) 7 ft. Pkt., 5c.

GODETTIA.

Profuse flowering plants, worthy of more extended cultivation; bloom well in almost any situation.

1460. G. Lady Salin Rose. Large, handsome flowers of carmine, crimson, petals tinged with pale lilac; 1 ft. Hardy annual. Oz., 50c.; pkt., 5c.

1461. Biju. A new variety, with snow-white flowers and a bright carmine spot on each petal; ½ ft. Hardy annual. Oz., 75c.; pkt., 5c.

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GODETTIA.

Profuse flowering plants, worthy of more extended cultivation; bloom well in almost any situation.

1460. G. Lady Salin Rose. Large, handsome flowers of carmine, crimson, petals tinged with pale lilac; 1 ft. Hardy annual. Oz., 50c.; pkt., 5c.
**HELIANTHUS.**

*(Sunflower.)*

A well-known and attractive popular flower of stately growth, well adapted to screen sights objects.

1510. **H. Californicus Plessimus.** Extra large, double, very showy, saffron-colored flowers; fine; 5 ft. Hardy annual. Oz., 25c.; pkt., 5c.

1511. **Circumferulous.** (Miniature Sunflower.) Of a very pretty branching habit; flowers orange yellow with a black centre; blooming profusely until killed by frost; 3 ft. Hardy annual. Oz., 75c.; pkt., 5c.

1512. **Globosus Fistulosus.** (Double Sunflower.) Flowers very double and of medium size; 6 ft. Hardy annual. Oz., 90c.; pkt., 5c.

**HELIOTROPE.**

These are deliciously fragrant flowers, remaining in bloom a long time; fine for pots culture or bedding; 1½ ft. Half-hardy annuals.

1520. **H. Fine Mixed.** A choice assortment of the choicest fragrant varieties. Oz., $1.20; pkt., 10c.

**HUMULUS JAPONICUS, or JAPANESE HOP.**

1639. A wonderful new annual climber from Japan, growing with great rapidity, and very dense foliage. Color is a lively green. It is undoubtedly one of the best climbers for covering verandas, trellises, etc.; 20 ft. Hardy annual. Pkt., 15c.

**HOLY HOCK.**

*(Althea Rosea.)*

This is one of the oldest inhabitants of our gardens, and now ranks as one of the finest autumn flowers; 6 ft. Hardy perennial.

1560. **H. Double White.** The nest strain of perfectly double, pure white flowers. Pkt., 15c.

1561. **Double Yellow.** Comprising the finest shades of orange, straw and buff. Pkt., 15c.

1562. **Double Pink and Red.** Pkt., 15c.


**IPOMEA.**

Very pretty rapid growing plants, with handsome bright colored, trumpet-shape flowers, excellent for covering old walls, stumps, arbors, etc. Half-hardy annuals.

1669. **L. Bona Nosc.** (Evening Glory, or Good-Night.) Flowers; 10 ft. Oz., $1.00; pkt., 10c.

1661. **Coecinea.** (Our Ipomora.) Handsome little scarlet flowers; 10 ft. Oz., 40c.; pkt., 5c.

**LOBELIA.**

Handsine little plants, admirably adapted for borders, vases, pots or hanging-baskets. Half-hardy annuals.

1840. **L. Erinus Crystal Palace Compacta.** A compact deep blue variety; ½ ft. Pkt., 15c.

1841. **L. Erinus Spectabilis Alba Maxim.** Showy white flowers of drooping and spreading habit; ½ ft. Pkt., 15c.

1842. **Cardinalis.** (Cardinal Flower.) A hardy perennial native variety, with spikes of brilliant scarlet flowers, blooming the first season it sown early; a fine border plant; 3 ft. Pkt., 10c.

1843. **L. Gracilis.** Light blue; long, slender trailing stems. Pkt., 15c.

1844. **Mixed Finest Erinus, or Trailing Varieties.** Best for baskets, vases, etc. Pkt., 10c.

1845. **Mixed Erecta Compacta Varieties.** Best for edging, ribbon beds, etc. Pkt., 10c.
MARIGOLD. (Tagetes.)
A very showy and popular plant of easy culture. Half-hardy annuals.

1940. M. Gold Striped. The flowers of this beautiful variety are regularly striped with a golden yellow and exquisite chestnut brown; ½ ft. Oz., $1.00; pkt., 5c.

1941. El Dorado. Flowers 3 to 4 inches in diameter; perfectly and extremely double, and embracing every shade; ½ ft. Oz., pkt., 10c.

1942. Dwarf French, Mixed. Seed saved from the choicest double flowers; ½ ft. Oz., 25c.; pkt., 5c.


MIGNONETTE.
A well-known and universal garden favorite, and one that requires no extra instructions for growing. Hardy annual.


2026. Hybrid Spiral. Pure white; 1 ft. Oz., 50c.; pkt., 10c.

2027. Giant White Spiral. This grand mignonette grows two to three feet high, perfectly erect, and the flower spikes of wonderful size and snowy whiteness. Its fragrance is rich and powerful, and will produce much more bloom than any other variety. Seed may be sown in April or May, and it will commence blooming in June. The illustration shows the beauty of the foliage and bloom. Price, pkt., 15c.

MIGNONETTE. Pkt., 10c.

GIANT WHITE SPIRAL MIGNONETTE. Pkt., 15c.

MAGNOLIA. (Magnolia.)
A very showy tree, and of great and permanent beauty, and most desirable both for shade and ornamental purposes. If placed in a suitable ground, and given the proper soil and care, it will grow into a magnificent specimen. The large flowers are usually white, occasionally yellow or rosy, and they appear at the time when the leaves are not yet developed. They are interesting to the botanist for their numerous stamens, and the large fruit which is composed of a large number of seeds. A fine tree.

2090. M. Stellata. (Musk Flower.) Pkt., 10c.

2091. Charantia. (Balsam Pear.) Same as above, excepting that the fruit is longer in shape. Oz., 50c.; pkt., 5c.

MYOSOTIS PALustris.
Forget-Me-Not. Pkt., 10c.

MYOSOTIS.
(Forget-Me-Not.)
Popular and beautiful little plants, with neat star-like flowers, blooming the first year from seed. Half-hardy perennials.

2101. Alba. Pure white; ½ ft. Pkt., 10c.

2102. Dissitiflora. Large dark blue flowers, compact and very early; ½ ft. Pkt., 10c.

2103. NEW FORGET-ME-NOT, "VICTORIA." Grows perfectly round in shape, five to seven inches high and eight to ten inches in diameter, and is entirely covered with large numbers of flowers of azure blue. This beautiful forget-me-not is the best of all for edgings and growing in pots for market. Price, per pkt., 15c.
PANSIES.

This attractive plant is too well known to require any description, as it is a favorite with all. The seed can be sown from September to March. The best plants are obtained from seed sown in the autumn, and protected during winter; these flower early in the spring. The plants from spring sowing should be planted in a shady border; they produce fine large flowers in the autumn. Pansies require fresh soil, enriched with decomposed manure. Hardy perennials; 6 inches.

KINGLY PANSIES.

OUR "CROWNED" COLLECTION.

In this collection we have gathered together an assortment of varieties that for size and color and markings stand unrivalled by any offered. They are "Kings" in their respective colors, and, by growing them separately and planting them out in beds of special patterns, the most charming effects may be produced. For bedding purposes they are unrivalled, as they are of a vigorous growth and the immense flowers are held well above the foliage.

2280. P. Imperial German Large Flowering. Embracing fifty choice prize varieties in every known color and marking. Oz., $8.00; 6 ptkts., $1.00; 3 ptkts., 50c.; pkt., 25c.

2281. Bugnot's Large Stained. A new French variety, flowers of enormous size; the colors are extremely varied. Pkt., 50c.; 3 ptkts., 80c.

2282. Giant Trinardeau. Flowers of great size and in an endless variety of beautiful shades. ½ oz., $1.00; 3 ptkts., 60c.; 6 ptkts., $1.00; pkt., 25c.

2283. Premium. Seeds saved from first-class named flowers only. A magnificent strain, embracing the most beautiful colors and finest shades. Oz., $6.00; pkt., 25c.

2284. Pure Yellow. Oz., $1.50; pkt., 15c.

2285. Snow Queen. Very large, satiny white, yellow centre. Oz., $2.00; pkt., 15c.


2287. Extra Choice English Mixed. Oz., $1.00; pkt., 10c.

<table>
<thead>
<tr>
<th>Per Pkt.</th>
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<tbody>
<tr>
<td>2280. King of the Bronzes</td>
<td>$0.20</td>
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<td>2281. King of the Striped</td>
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<tr>
<td>2282. King of the Blotted</td>
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<td>2283. King of the Stained</td>
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<td>2284. King of the Blacks</td>
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<td>2285. King of the Pure Whites</td>
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<td>2286. King of the Golden Yellows</td>
<td>$0.20</td>
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<td>2287. King of the Blues</td>
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<tr>
<td>2288. Our Eight Kings, 1 pkt. each</td>
<td>$1.50</td>
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<tr>
<td>2289. Our Kingly Collection, Mixed</td>
<td>$2.50</td>
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NASTURTIUM

The dwarf varieties of Nasturtium are among the most useful and beautiful of annuals for bedding, massing, etc., owing to their compact growth, richness of color and profusion of blossoms. The tall sorts are admirably adapted for rock-work, covering terraces or rustic work. They flower most profusely when planted in a poor soil, and remain in bloom for a long time; stand heat and drought without the slightest effect. The seed, if picked young, is an excellent substitute for capers. Hardy annual.

TOM THUMB, OR DWARF NASTURTIUMS.

2140. Scarlet. Oz. 25c.; pkt., 5c.
2141. Yellow. Oz. 25c.; pkt., 5c.
2142. Pearl (New creamy white). Pkt., 10c.
2143. Empress of India. Splendid, very dark leaves and crimson flowers. Oz., 50c.; pkt., 10c.
2145. Lady Bird. A new and distinct sort; rich golden yellow, each petal barred with a broad vein of bright ruby crimson; very showy and charming. Pkt., 10c.
2146. Aurora. (Novelty.) The ground color of this new dwarf variety is chrome yellow, the upper petals being of a lighter tint; the two lower ones are spotted and veined with purple carmine. Fine. Pkt., 10c.

LOB'S NASTURTIUMS. (Tropaeolum Lobbianum.)

The leaves and flowers are somewhat smaller than the Tall Nasturtiums, but their greater profusion renders them superior for trellises, arbors, for hanging over vases, rock-work, etc.; the flowers are of unusual brilliancy and richness; they are also splendid for winter decoration in the greenhouse and conservatory. Holthyardy annual, 4 to 6 ft. (See Cut.)

248. Asa Grey. (Novelty.) The flowers of this new kind represent the lightest shade lhterto obtained among Nasturtiums. Pkt., 25c.
2148. Napoleon III. Yellow striped, rosy scarlet. Pkt., 10c.
2152. Lob's Nasturtiums, Mixed. Pkt., 10c.

TALL NASTURTIUMS.

2154. Tall Orange. Oz., 25c.; pkt., 5c.
2155. Tall Scarlet. Oz., 25c.; pkt., 5c.
2156. Tall, Mixed. Oz., 25c.; pkt., 5c.

PETUNIA

Charming, free-blooming, effective plants of easy cultivation. The hybrid sorts are especially fine in mixed borders and beds, while the larger flowering kinds, with their delicate colors and pervading fragrance, are deserving favorites for pot culture. The seed we offer is sure to produce fine, well-developed flowers.

SINGLE VARIETIES. (For Bedding.)

(Sort of Petunia)

2340. P. Dwarf Inimitable. Dwarf plants, 6 to 8 inches high; flowers cherry red, with a white centre; splendid for edgings, masses, etc. Pkt., 10c.
2342. P. Alba. White; suitable for cemetery. Pkt., 5c.

SINGLE LARGE FLOWERING Sorts.

(For Pot Culture.)

The flowers of this class are from 4 to 6 inches in diameter, beautifully marked, veined and spotted.

2317. P. Yellow-Throated. The flowers are very large and of perfect form, with a broad, deep yellow throat, veined very much like a salpiglossis. Pkt., 25c.

DOUBLE FLOWERING Sorts.

The seed of these is obtained by artificial fecundation, and about 30 per cent. of double flowers may be expected.

2350. P. Dwarf Double Liliput (Nasturtium Cometaceum Multiflorum Fl. Fl.) New double kind, producing bushy plants covered with double flowers, which are partly spotted, blotched and self-colored, making a very pretty plant when in full bloom. Pkt., 25c.
2352. Extra Large Flowering, Double Fringed. This extra choice strain produces about 30 per cent of splendid double-fringed flowers. Pkt., 35c.
2353. Extra Large Flowering, Double Fringed (Lily of the Lake). This seed will produce about 30 per cent. large, double, pure white fringed flowers. Pkt., 35c.
**PHLOX DRUMMONDI.**

For beds and masses nothing can surpass these beautiful annuals. They produce immense trusses of large brilliant flowers of numberless hues throughout the summer. Hardy annual; 1½ ft. high.

2360. Phlox Drummondii. Mixed colors. (50c. per oz.) Pkt., 5c.

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**LARGE FLOWERING SECTION.**

An improved strain with very large, perfectly round flowers, the petals overlapping each other. (See Cut.)

<table>
<thead>
<tr>
<th>Per Pkt.</th>
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<tbody>
<tr>
<td>2382. Large Flowering, Pure White</td>
<td>2388. Large Red, Striped White</td>
</tr>
<tr>
<td>2383. Large Chamois Rose</td>
<td>2389. &quot; Crimson, White</td>
</tr>
<tr>
<td>2384. &quot; Brilliant Scarlet</td>
<td>2370. Large Yellow</td>
</tr>
<tr>
<td>2385. Large Flowering, Blood Red</td>
<td>2371. &quot; Mixed, Many colors.</td>
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</tbody>
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**NEW DWARF PHLOX.**

A distinct strain, forming round, compact bushes, about six inches high. Splendid for pot culture and ribbon bedding.

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<thead>
<tr>
<th>Per Pkt.</th>
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<tbody>
<tr>
<td>2737. Dwarf Snowball, Pure white</td>
<td>2734. Violet Spotted White.</td>
</tr>
</tbody>
</table>

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**POPPIES.**

Showy plants, making a gorgeous display of large, brilliant flowers. They are of easy culture; but the seed should be sown where it is to remain, as they will not bear transplanting.

2380. P. Umbrosum. Brilliant, deep scarlet, marked with four large black spots. Pkt., 10c.

2381. Victoria Cross. The centre represents a maltese cross of silvery white. The large surface of the petals is of a rich vermilion crimson. Pkt., 20c.

2382. Carnation Flowered, Mixed. Splendid, large double flowers. Oz., 30c.; pkt., 5c.

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**NEW "SHIRLEY" POPPY.** Pkt., 15c.

2383. **NEW "SHIRLEY" POPPY.** See Novelties, page 18. Pkt., 15c.

2384. P. Snowdrift. This charming new poppy produces pure snowy-white extremely double flowers of perfect form and large size. Pkt., 10c.


2386. P. Orientale. Large oriental poppy; a stately perennial; 2½ ft. high; with bold showy flowers. Pkt., 25c.

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**PORTULACA.**

A popular strong growing plant. Sandy soil; neither heat nor drought is too great for it; 1½ ft. Hardy annual.

2400. P. Finest Single, Mixed. A large variety of the most brilliant colors. Oz., 50c.; pkt., 5c.


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**PRIMULA.** (Primrose.)

We exercise great care in growing and saving the seed of these most satisfactory and beautiful of house plants; 3½ ft. Tender perennial.

2420. P. Fimbriata Sinensis, Mixed. Extra choice mixed. Very large, magnificent flowers of the richest and most varied colors. Pkt., 40c.; extra large pkt., $1.00.


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**PRIMULA SINENSI S FIMBRIATA.** Pkt., 40c.


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2423. P. Verus (English Cowslip). Pkt., 10c.
PYRETHRUM. (Feverfew.)
2410. P. Farthenholium Aureum. (Golden Feather.) A highly ornamental gold, yellow foliage plant, Uncxcelled for bedding. Hardy perennial; 1/2 ft. Oz., $1.00; pkt., 10c.

RICINUS (Gaster-Oil Bean.)
A tall, majestic, ornamental foliage plant; with leaves of a metallic hue. Half-hardy annuals.
2410. R. Giboum, Handsome deep red foliage, compact branching habit; 5 ft. Oz., 10c; pkt., 5c.
2411. Sanguineus. Leaves green, stalks blood-red, showy red fruit; 5 ft. Oz., 30c; pkt., 5c.
2412. Philippinensis. A majestic variety, with beautiful giant foliage, 10 ft. Oz., 40c; pkt., 5c.
2414. RICINUS, "DUCHESS OF EDINBURGH." The stem and leaves of this beautiful plant are of a bright metallic bronze; the large branches of the fruit are of a fiery red, and as they are borne up some ten to twelve feet from the ground, it gives a tropical effect that is unexcelled and makes this regal plant one of the finest for decorating the lawn or garden in cultivation. All this can be obtained in one year from the seed. Price, pkt., 15c.

SILK (Margaridum.)
2120. Beautiful, delicate, wavy, glossy, deep green foliage; 10 ft. Tender perennial. Oz., $2.00; pkt., 15c.

STOCKS, TEN-WEEK. (Mathiola Annu.)
All the varieties are highly priced for cut flowers, owing to their rich fragrance and bright colors. Half-hardy annuals; 1 ft.
2600. S. Blood Red. Oz., $1.00; pkt., 10c.
2601. Crimson. Oz., $1.00; pkt., 10c.
2602. White. Oz., $1.00; pkt., 10c.
2603. Blue. Oz., $1.00; pkt., 10c.
2604. Dwarf Large Flowering German Double Blood-Red. Blue, crimson and blue. Each oz., $1.00; pkt., 10c.
2605. Extra Choice Mixtures. Very double flowers. Oz., $2.00; pkt., 10c.
2607. Snowflake. A fine new variety, with extremely large and double, pure white flowers. It is good for forcing, furnishing white flowers at a time when they are scarce. Pkt., 15c.

SWEET PEAS.
2700. Sweet Pea "Versus." The large upper petals show a brilliant carmine rose, shading toward the centre into a deep, glowing purple throat, the whole being sprinkled with crimson dots. Oz., 50c; pkt., 10c.
2701. Scarlet Hamburgh. Oz., 40c; pkt., 5c.
2708. Painted Lady. Pink and white. Pkt., 10c.

VERBENA.
Well-known plants of great beauty and variety, with beautiful dazzling, self-colored, striped and variegated flowers. Half-hardy perennials; 2 ft.

WALLFLOWER. (Cheiranthus Cheri.)
A handsome popular plant, with massive spikes of fragrant flowers. Hardy perennial; 2 ft.

ZINNIA. (Youth and Old Age.)
The Zinnia is one of our most showy plants, so easy of cultivation and handsome that it will always be popular. Hardy annual; 1 ft.

2910. Z. Elegans Flore Pleno. Dazzling scarlet, yellow, orange, rose, lilac, crimson and white. Oz., 50c; pkt., 5c.
2912. DOUBLE STRIPED ZEBRA. A superb strain of this very popular flower, the petals being distinctly striped. They run through all the shades known to the Zinnia, such as orange, crimson, pink, yellow, rose, violet and white. They are very compact in growth, and are far superior to those usually grown. Pkt., 15c; 6 pkts. for 1.00.

A WILD FLOWER GARDEN.
2920. A mixture of many varieties of beautiful, easy-growing, hardy flowers, producing a constant and varied bloom the whole season, for sowing in shrubbery, under roses and in beds in which no eye with be bedewed, or even for sowing in exposed situations, where wildness is preferred to order and precision. The mixture comprises Mignonette, Candytuft, Stock, Marigolds, Poppies, Foxgloves, and many other garden favorites, which will flower successively and yield an abundance of bloom. Large pkt., 10c; ½ oz., 25c; oz., 50c.
Abridged List of Standard Varieties.

For Variety Not Here Mentioned, see General List, Page 78, and Novelty List, Page 15.
Summer Flowering Bulbs.

The cultivation of flowers from Bulbs and DORMANT Roots commends itself to the amateur as being simpler than culture from seed and as being more sure in its results. They soon make a gorgeous display; flower the first summer and bloom and multiply season after season. Prices include prepayment by mail.

BLACKBERRY LILY.

(Pardanthus Sinensis.)

The fruit of this is exactly like a Blackberry. Dried for winter, they make a beautiful ornament. Perfectly hardy. Pretty flowers, succeeded by berries. 10c. each; $1.00 per doz.

AMORPHOPHALLUS RIVIERI.

A grand summer flowering bulb for tub or open ground culture. One of the rarest and grandest of ornamental plants. Stems and stalks green, spotted red; leaves decomposed and often 4 feet across. Flowers usually a yard in length, the projecting spadix being dark red and the spathe rosy green. 50c. each.

AMARYLLIS.

Amaryllis is one of the noblest and grandest families of flowering bulbs. They can be kept in pots the year round or planted in the open ground, as may be desired.

A. Atamasco (Zephyrithus Rosen). A most beautiful summer flowering bulb, growing 1 foot high and bearing flowers from 2 to 5 inches across, of the most exquisite shade of rosy pink; groups of 1 or 2 dozen bulbs in sunny flower beds are in continuous bloom during the summer months. 10c. each; $1.00 per doz.

A. Belladonna. This splendid species is perfectly hardy, with lovely violet and white flowers. Plant the bulbs 6 to 8 inches deep in sand with good loam loam pressed around it and do not disturb for years. After they become established they will give grand masses of bloom. 40c. each; 3 for $1.00, $2.50 per doz.

AMARYLLIS.

A. Equestre. Broad petals of a soft salmon scarlet color, throat snow-white; a very handsome sort. 40c. each; 3 for $1.00, $2.50 per doz.

A. Formosissima (Jacquemart Lily). Flowers of a deep velvety crimson color, handsomely formed and very striking. A favorite Amaryllis. 20c. each; 5 for $1.00, $2.00 per doz.

CRINUM.

Handsome bulbous plants closely allied to the Amaryllis.

C. Longifolium. This magnificent bulb produces a tall flower spike covered with from 8 to 14 enormous lily-like delicate pink flowers, sometimes white with pink stripe. A flower of the most delicious fragrance and hardy if planted deep and well watered. 60c. each; 2 for $1.00.

C. Americanum. In every way a rival of the above, except that the exquisite flowers are a pure waxy white. 50c. each; 3 for $1.50.

TIGRIDIAS.

(Peacock Tiger Flower, or Mexican Shell Flower.)

Extremely handsome summer flowering bulbs, growing about 2 feet high, producing large gorgeous flowers, exquisitely spotted. They flower very freely throughout the summer, particularly if the bulbs are planted in a warm sunny position.

Tigridia Conchiflora (Mexican Shell Flower). Dark yellow, large red spots. 7c. each; 65c. per doz.

Tigridia Grandiflora (Peacock Tiger Flower). Very large bright crimson centre, mottled with yellow. 7c. each; 65c. per doz.

Tigridia Grandiflora Alba. Flowers large, ivory white, spotted at the base with red on a yellowish ground, forming a fine contrast with the white of the petals. (See cut.) 10c. each; $1.00 per doz.

SPIDER LILY.

(Pancratium Caribbean.)

A free blooming bulb, bearing pure white fragrant flowers; it is easily handled and can be brought into bloom in the house as easily as in the open.

Strong bulbs, 25c. each; $2.50 per doz.
TUBEROUS BEGONIAS.

The Tuberous-Rooted Begonias are among the hand-somest of our summer-flowering bulbs. They are not grown to the extent they should be, as they require no more care than geraniums, have a fine range of color, and will bloom continuously throughout the summer, even when geraniums droop through lack of moisture and fail to unfold their flowers.

Single Flowering, all colors mixed; each, 25c; doz., $2.00.

Single-flowering, splendid erect-scid-lings in separate colors, viz:—Bronze-yellow, crimson, orange-scarlet, pink, rose, scarlet, white and yellow. 25c. each; $2.50 per doz.

Double Flowering, superb mixture. Each, 60c; doz., $4.00.

CALLAS.


C. Alba Maculata. The spotted callas; leaves deep green with numerous white spots; flowers pure white with black centre. Each, 25c; doz., $2.00.

CAMASSIA ESCELENTUM.

Has glossy leaves, erect 10 to 15 in. high and fine purple, lily-shaped flowers, 10c. each; 75c. per doz.

GLOXINIAS.

One of the choicest bulbs for pot culture; flowers trumpet-shaped, with the most beautiful tints and markings, shaded and spotted with violet, rose, blue or crimson. Each, 25c; $2.50 per doz.

Hyacinthus Candicans

A very stately bulbous plant, with large, Yucca-like leaves, growing as high as four feet. The flowers are pure white, pendant on the long whip-like stalks, stand about two or more spikes; the number of flowers vary from 20 to 60 on each. It is perfectly hardy and grows stronger each year. Each, 10c; 3 for 25c; 14 for $1.00.

LILY BULBS

Prices post paid. EACH, DOZ.

Auratum (The Golden Band Lily of Japan), $0.10 $1.00

Batemanii, Apricot tints, 25 2.50

Speciosum, Pure white, 30 3.00

" Roseum, White spotted rose, 15 1.50

" Superbium, Turk's Cap Lily, 15 1.50

Longiflorum, White trumpet-shaped flowers, 20 2.00

Tigrinum, The Tiger Lily, 10 1.00

" Flore Pleno, Double Tiger Lily, 15 1.50

Wallaci. Buff spotted black; fine, 20 2.00

Lily of the Valley. Good flowering pips, per 100, $2.50.

$1.00 COLLECTION OF LILIES. For $1.00 we will send free by mail the following magnificent varieties: 1. Auratum, 1 Roseum, 1 Wal- laei, 1 Superbium, 1 Longiflorum. This is a grand opportunity to secure a collection of beautiful lilies at a trifling cost.

TRITONIA UVARIA GRANDIFLORA.

(Plume Flower.)

A splendid summer and autumn flowering plant, with stately flowerscapes and magnificent terminal spikes of rich orange-red tubular flowers, produced from its glowing colors as the Red-hot Poker. 20c. each; 3 for 50c.; per doz., $1.75.

IRIS.

This beautiful genus of plants obtained its title of Iris—which is the Greek name for the rainbow—from the incertae, as the most appropriate, because of the varied hues and tints of the flowers. There are almost 200 species, varying in size, varying in shades of white, maroon, deep blue, yellow, car-mine and violet, beautifully variegated, and they add grace and beauty to every garden where they are planted and are most desirable for summer bouquets and vases of flowers, some of the varieties rivaling orchids in beauty of marking. They are perfectly hardy and when once planted will increase in size and beauty every year.

1. Germanica. These Japanese-Iris often have flowers 10 inches in diameter. bloom in July; prefer a moist, sunny situation. All colors mixed, each, 25c; doz., $2.00.

L. "Florivina." Pure white, very free-flowering, deliciously sweet-scented, not hardy, 15c. each; $1.75 per doz.

IRIS SIBERICA (Siberian Iris). A very distinct group of Iris, distinguishable at a glance by their long, grassy foliage, 2 to 3 feet in length, forming dense, erect tufts, and numerous slender stems, bearing an abundance of flowers of various shades. They are all quite hardy and very free-growthg in any ordinary soil. This group is invaluable for cutting. 15c. each; $1.50 per doz.

3 each of the above 1 magnificent Iris for $1.30, post-paid.

CINNAMON VINE.

A beautiful rapid-growing summer climber, with luscious, glossy foliage and spikes of delicious cinnamon-scented flowers, perfectly hardy, the stem dying down in winter, but growing with great rapidity in the spring. Insects do not trouble it. Bulbs for 50c., or 50c. per doz. Roots, 10c. each; $1.00 per doz., all post-paid.

MADEIRA OR MIGNONETTE VINE.

A rapid, luxuriant summer climber, with thick, waxy foliage and fragrant flowers. Price, 5c. each; 50c. per doz.

APIOS TUBEROUSA.

Hardy bulb of the same family as the Week,s and the Hyacinth, called the Tuberous-Rooted Water lily, which it resembles. Copious bloomer, lovely clusters of rich maroon flowers. Bulbs excellent for food when cooked. 5c. each; 7 for 50c.; 15 for $1.

MILLA BIFLORA.

One of the finest bulbs recently introduced; flowers pure waxy white, very fragrant, borne on stalks about 18 inches high; the petals are very thick and firm and flowers last well in water. It blooms with wonderful freedom and is already a favorite florists' flower. Each, 15c; 10 for $1.00.

BESSEERA ELEGANS.

Long, narrow grass-like leaves and slender flower stalks, 1 foot high, carry in one bundle of flowers, each a short bell marked with white lines, stamens with light blue anthers. A wonderfully free bloomer. Each, 15c; doz., $1.25.

SUMMER FLOWERING OXALIS.

Valuable for edging walkway borders, etc. Bulbs planted 8 inches apart form rounded rosettes of delicate foliage, about 1 foot high, which produce flowers in endless succession.

Oxalis Laevigata. Rosy pink. 15c. per doz.; $1.00 per 100.

Oxalis Dieppe. Rosy white. 15c. doz.; $1.00 per 100.

MONTBRETIA CROCOSMIEFLORA.

This new variety is one of the most beautiful summer and autumn blooming bulbs known to us. It has proved out with us; hardy with us the past two winters, and the well-established clumps which come by flowerers in July are most magnificent sight. The flowers of glowing orange and red are borne in greatest profusion on tall spikes and remain in flower until choked by frost. Price 10c. each; $1.00 per doz.; $6.00 per 100.
**GUARDIAN**

This charming flower is coming more and more into use as its great improvement gets more universally known. We offer below a choice collection of ten named varieties for 50c, free by mail. They are all distinct, very handsome and true to name. We cannot change the assortment under any consideration.

**ANGELE**. Soft mother of pearl color. Pkt., 15c.

**NAPOLEON III**. Bright scarlet, with white line. Pkt., 10c.

**MALACATE**. Deep pink, very pretty pink. Pkt., 10c.

**MARIE LENOINE**. Pale cream, flushed salmon line, lower divisions spotted purplish violet, bordered deep yellow. Pkt., 20c.

**SYMPHIE**. White flamed with carmine, large purple carmine blotch. Pkt., 15c.

**GERGESSERI**. Deep pink, lower petals blotted bright maroon. Pkt., 15c.

**AJAY**. Bright rose, shaded carmine. Pkt., 10c.

**ISAAC BUCHANAN**. Very fine yellow. Pkt., 15c.

**COMTE DE MOONEY**. Dark cherry red, white blotch, streaked lake. Pkt., 15c.

£3=If ordered separately, the bulbs will be charged at prices attached, but we will mail the 10 varieties for 50c.

**NEW GLADIOLUS SNOW WHITE**

The finest German Gladiolus ever offered. The entire flower is a perfect paper white, with a slight cream shade in lower half of the lower petals. For withstanding deews, rains and hot sunshine, without changing color, we have never seen its equal. Each, 50c; $1.00 per doz.

**GLADIOLUS IN SEPARATE COLORS.**

<table>
<thead>
<tr>
<th>Shade of red, mixed</th>
<th>Each</th>
<th>Doz.</th>
<th>100s</th>
<th>1,000s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>$0.95</td>
<td>$9.00</td>
<td>$90.00</td>
<td>$900.00</td>
</tr>
<tr>
<td>White and light</td>
<td>8</td>
<td>60</td>
<td>4.00</td>
<td></td>
</tr>
<tr>
<td>Yellow, mixed</td>
<td>10</td>
<td>75</td>
<td>4.25</td>
<td></td>
</tr>
<tr>
<td>Pink, mixed</td>
<td>8</td>
<td>75</td>
<td>3.50</td>
<td></td>
</tr>
<tr>
<td>Buff and salmon (very strong and rare grade)</td>
<td>10</td>
<td>75</td>
<td>4.50</td>
<td></td>
</tr>
</tbody>
</table>

**TUBEROSES**

A universal favorite and very easily grown. 

**Dwarf Peru**. The best for forcing or green-house growth. By mail, 10c; each; 3 for 25c., doz., 75c.

**Tall Italian Double**. The best for field or garden culture, as its flowers open uniformly. Each, 10c; 3 for 25c., doz., 75c.

**CALADIUMS.**

**Caladium Esculentum (Elephant’s Ear)**. A grand tropical-looking plant, growing 4 to 5 ft. high, producing leaves 3 to 4 ft. long. A favorite for specimens on the lawn. Wants rich soil and plenty of moisture. Fine bulbs, by mail, 25c.

**Caladiums, Fancy-Leaved.** We offer dry roots of these handsome plants from one of the finest European collections. Each, by mail, 30c.

**NEW CALADIUM ESCULENTUM.**

**THREE Choice Cannas.**

**Three Choice Cannas.**

**Golden Queen.** The finest novelty, handsome yellow fruit, very sweet and solid; hardy and productive. Doz., 90c.; $3.00.

**Souhegan.** A new black cap variety, very early, hardy, vigorous and productive. Doz., 60c.; $1.50.

**Cuthbert, or Queen of the Market.** Bright red, luscious, firm and large. Doz., 60c.; $1.25.

**Brandywine, Gregg, Crimson Beauty, Doolittle, Thornless, Bristol, Ohio.** Each, doz., 75c.; $1.50.

**BLACKBERRIES.**

**Postage.—If ordered by mail, 10c. per doz.; 25c. for 50; 50c., per 100, to be prepaid postage.**

**RASPBERRIES.**

**Postage.—If to be sent by mail, add 10c. per doz.; 20c. for 50, and 60c. per 100, to prepare postage.**

**Golden Queen.** The finest and best variety, handsome yellow fruit, very sweet and solid; hardy and productive. Doz., 90c.; $3.00.

**Hansell.** A vigorous grower, enormously productive and extremely hardy; fruit, bright crimson, of superior quality and very firm. Doz., 75c.; $1.50.

**Caladium Esculentum.** A grand and tall, robust grower, with foliage of great beauty and a profuse bloomer, large flowers of dazzling velvet-scarlet vermilion. 25c., each, by mail.

**Robusta Perfetta.** Immense leaves 12 to 18 inches wide, bright bronze color and in rich soil attaining a height of 8 to 10 ft. This should be used freely. 25c., each, by mail. Each of the 3 fine Cannas for 75c. 1 doz., 4 each of the above, for $2.50.

**SMALL FRUITS.**

**Strawberries.**

**Postage.—Strawberries at dozen rates will be sent by mail, free of postage; at the rates per 100, 20c. per 100 must be added to the postage.**

**Berries.** A large shape; large firm and sweet. Doz., 90c.; $3.00.

**Lida (Vex).** Medium large, large firm, flesh very productive. Doz., 75c.; $1.00; 1,000, $5.00.

**Crimson Cluster.** Splendid new market berry, very large; rich crimson. Doz., 75c.; 100, $4.00.

**Mary King.** Fine. Doz., 45c.; 100, 75c.; 1,000, $3.00.

**Jersey Queen.** Large and beautiful, ripening late; excellent form and color. Doz., 75c.; 100, $1.00; 1,000, $4.00.

**Bomha.** Very early. Doz., 75c.; 100, $1.50.

**Mammoth.** New and fine. Doz., 75c.; 100, $1.00.

**Gandy's Prize.** Latest. Doz., 75c.; 100, $2.00.

**Parry.** This variety is a seedling from Jersey Queen, and possesses all the merits of its mother parent, with a perfect blossom, thus insuring a crop of fruit under all circumstances, uniting large size, beauty, quality, firmness, vigor and productivity. Doz., 50c.; 100, 75c.; 1,000, $3.00.

**Glendale.** The best late. Large scarlet, very fine, good flavor; highly productive, succeeding on poor and rich soil. Doz., 50c.; 100, 75c.; 1,000, $3.00.

**Longfellow.** Large, smooth, regular, deep crimson; firm and sweet. Doz., 90c.; 100, 75c.; 1,000, $3.00.

**Albany (Wilkin's).** Very hardy, productive; fruit good size, crimson, brick, acid flavor. Doz., 85c.; 1,000, $3.00.

**Charles Downing.** Vigorous, productive; large, deep scarlet; firm, juicy, sweet. Doz., 90c.; 100, 75c.; 1,000, $3.00.

**Crewe Seedling.** Large medium; large, bright red and of good quality. 100, 60c.; $1.25; 500, 35c.; $1.00.

**Kirkwood Seedling, or Mt. Vernon.** Grows very large, color bright red. 100, 60c.; 1,000, $3.00.

**Sharpless Seedling.** Very large, oblong, clear, light red, hardy, vigorous hardy. 100, 60c.; 1,000, $3.00.

**Monarch of the West, Agriculturist, Kentucky. Captain Jack, Miner, Windsor Chief, and other good varieties. 100, 75c.; 1,000, $3.00.**
THE "PLANT JR." GARDEN TOOLS.

The "Planet Jr." goods are widely and favorably known everywhere, the Combined Planet Drill being the most popular combined machine in the market. The entire line is well made, handsomely finished and their cultivators are second to none.

THE "PLANT JR." No. 2 DRILL holds 9½ quarts. It will sow, with equal ease and accuracy, a single paper of seed, or a full hopper, covering evenly at any exact depth, and will roll down and mark the next row perfectly, all at a single passage. It has no cans, levers, brushes, cogs, springs or shapers. It is noiseless, automatic, self-cleaning and always reliable. Price, $7.50.

THE "PLANT JR." COMBINED DRILL, WHEEL HOE, CULTIVATOR AND PLOW. This most popular tool is unrivalled in beauty of design, perfection of finish, convenience and capacity for work. It is suitable for either the farm or garden. As a drill, it is exactly similar and equal to the No. 2. except in size. It holds one quart. As a plow, it opens furrows covers them, hills, plows to and from, etc. As a hoe, it works safely and closely to and from both sides of the row at once, when plants are small, between rows as plants grow larger, working all rows from eight to sixteen inches wide at one passage. Price, $10.00.

Poultry Supplies.

HAMMONTON INCUBATOR.

| No. 1 | Capacity, 150 eggs; complete... | $17 00 |
| No. 2 | 300                                  | 25 00 |

PRESSY BROODER.

A complete mother for 100 chicks. Price complete with patent stove, $8.00. Send for Descriptive Circular of above.

Prepared Meat for Poultry. 50 lbs, $1.50; 100 lbs, $2.75.

Deseeded Fish for Poultry. 50 lbs, $1.50.

Crushed Shell. 25 lbs, 40c.; 100 lbs, $1.25; bbl, $3.25; ton, $14.00.

Granulated Bone. 5 lbs, 25c.; 100 lbs, $2.50.

Cure Worm Extractor.

A little instrument for extracting the small worms from the little chicks. It does it well. One chick saved pays for the price of the instrument. Price, by mail, postpaid, 50c.

Havens' Climax Condition Powder

Is a positive preventive and cure for gases and poultry cholera, and a most excellent medicine for young turkeys that have been exposed to weather; also a most excellent medicine for horses, cattle, sheep and hogs. It is not a food, but an honest medicine at an honest price. Price, per package, by mail, 40c.; per dozen by express, $2.50.

Send for our Complete Poultry Supply Circular.

POULTRY SUPPLIES.
Thoroughbred Poultry and Live Stock.

We invite your perusal of the following pages, which we have devoted to our Live Stock Department. To our old customers, we need only say that we have added fresh prize-taking blood to all of our pens and yards, and you need not be afraid of in-breeding by purchasing from us again. To those who have never bought Live Stock of us, we would add that we guarantee the safe arrival of all shipments, and that they will be of the finest and choicest thoroughbred stock of this and other countries; fully up to representation, and well worth the price asked, which is as low as such high-class stock can be bred for.

EGGS FOR HATCHING. We guarantee all eggs fresh and true to name. We can ship eggs only by express, to any State. We cannot guarantee any certain number to hatch, as this depends on so many causes over which we have no control; but our system of packing is so perfect that excellent hatches are the rule, no matter how great the distance.

NO LIVE STOCK OR EGGS SENT C. O. D. Cash must accompany all orders.

SHIPMENTS. Always give us your Express and Post-Office plainly, and we will notify you by telegraph or mail in advance of all shipments. Express agents feed and water, and collect express charges at destination.

OUR PRIZE WHITE WYANDOTTES.

We know of no fowl possessing so many points of superiority for the poultry raiser or practical farmer as the White Wyandotte. For beauty, style and fine form they have no equal. Their plumage being a pure snow-white, with legs, beaks and skin a rich yellow. As a market or table fowl they have no superior. They have a close-fitting, medium-size rose comb, and thus are not troubled by the frost, as the Minoreas and Leghorns. They mature quickly, commence laying very early and continue through the season, uninterruptedly. They are good foragers and make the kindest mothers. The birds we are breeding are the best that careful selection and money could secure, breeding so remarkably true that out of several hundred bred the past season not one bird showed a black feather.

PRICES:—Single cock or cockerel, $3.50 to $1.00; pair mated for breeding, $7.00; trio, cock and 2 hens, $10.00. Eggs for hatching, from our best prize stock, per setting of 13, $2.50; per 26, $4.75.
GOLDEN WYANDOTTES.

The remarkable "boom" given this new breed in the best poultry journals last spring induced us to purchase and add a pen of prize-winning birds to our poultry yards at Trebreh for the purpose of breeding them. Their large size, fine shape, rich plumage, beautiful markings and high-bred carriage have enthroned them as the prime favorites of our yards, their remarkable beauty making them the admiration of every beholder. They are the most popular new breed this country has produced and are already looked upon with great favor in England and on the Continent. They are a cross of the deservedly-popular Silver Laced Wyandottes made with the Winnebagos as the top cross, They are extremely hardy and more active foragers than most of the heavier breeds. As both summer and winter layers they are unrivalled, even surpassing the Leghorns. One of our pens of 12 pullets has laid 46 large brown eggs in 4 consecutive days. It is also rare indeed to find an infertile Golden Wyandotte egg, while the chicks when hatched are remarkable for their high degree of vigor and "gimp," being quickly on their feet, foraging for food in the liveliest manner and showing by their strong, rapid growth abundant evidence of thrift and early maturity.

Prices: Single cockerel, $4.50 to $6.00; pair mated for breeding, $8.00; trio, $12.00. Eggs for Hatching, per setting of 13, $3.00; per 2 settings of 26, $5.50.

WHITE PLYMOUTH ROCKS.

This new breed is a sport from the Barred Plymouth Rock, and promises to become even more popular than their "colored cousins." They breed truer to color than any of the new white breeds, with probably the exception of White Wyandottes. Their large size, stately carriage and snow-white plumage in contrast with their bright red combs and heads create the admiration of all. They are sure to be in great demand, and all who secure good breeding stock will find it a profitable investment. The stock from which we are breeding we obtained at high cost, direct from the originator in Maine. Prices: White Plymouth Rocks, single cockerels, $4.50 to $6.00 each; pair cockerel and hen, $8.00; trio, $12.00. Eggs for Hatching, $3.00 per setting of 13; $5.50 for 26.
PRIZE MAMMOTH BRONZE TURKEYS.

Our strain of this grand bird has no superior in this country. Their plumage is a beautiful metallic bronze; fully developed, with long pointed head and all the good points you could ask for in a perfect Collie. Sired by champion "Squire" (Champion "Chantilly", 1869), and Truth by champion "Charlemagne", 1869, and Truth by champion "Charlatan", 1869. He is kind and gentle as a kitten. He has won over 100 prizes.

Imported Don Juan II. A. K. C. S. Book, No. 18412, is a beautiful sable; wonderfully active and alert; very long head, and although yet young, gives promise of being one of the finest Collies in this country.


BREEDING BITCHES.

Imported Drumlin Jessica. A. K. C. S. Book, No. 18415, is a magnificent sable, with long head and a magnificent coat, full brush and frill. One of the most beautiful dogs in the country.

Among others of our hound hitches (space not allowing full pedigrees), we would mention:

Beauty, No. 13311; Beauty 2d, No. 13356; Darling, No. 13363; Bessie Starke, No. 13533; Clifton, No. 13572; Silva, No. 1519; Faithful Sewell, No. 13605; Flora Dell, No. 13655; Minnie Garfield, No. 13671; Mollie Noble, No. 13854; Yarrow 3d, No. 13530; Nellie of Kemmet, No. 13570; Kildeen, No. 13497; Lucy, No. 13537; Jennie Lacombe, No. 13940.

PRICES:

Each adult full-bred Collie puppy 10 to 12 weeks old, $10.00 each, and $17.00 per pair, no skin. These are for first-class dogs in every respect; but for extra choice puppies bred directly from our imported stock and registered in the America Kennel Club stud-book, we charge $15.00 to $20.00 each, or $30.00 to $50.00 pair.

Send for Poultry Supply Circular

ROUGH-COATED SCOTCH COLLIE SHEPHERD DOGS.
A DOG THAT EVERY FARMER NEEDS.

The pure-bred Scotch Collie Shepherd Dog takes as naturally to driving stock as the Pointer and Setter to hunting birds. They are of a kind and affectionate disposition, and become strongly attached to their master's family. They are very watchful and always on the alert, while their intelligence is really marvellous. At one year old they are able to perform full duty, herding sheep, cattle, swine and other kinds of stock, attending them all day when necessary, keeping them together and where they belong, and driving off strange dogs and intruders. They learn to know their master's animals from others in a very short time, and a well-trained dog will gather them together and drive them home, and put each into its right stall. They can easily be taught to attend poultry, and are declared enemies of all species of vermin that infest the poultry-yard, and can be made most useful in a hundred different ways. They have a dainty carriage and fine style, profuse silky hair, bushy tail carried low, ears small and semi-erect, head long and sharp, chest deep with plenty of lung room, and in general form lithe, symmetrical and graceful; altogether a handsome dog, and in sagacity he excels all the other dog family.

The past season to further improve the high standard of our kennels, we have imported at great cost six as grand dogs as were to be found in the British Isles. These combine the very best blood to be procured. Below we give a short synopsis of our dogs with abridged pedigrees.

A FEW TESTIMONIALS.

(Notice the dates.)

W. S. Brookes, Nocona, Tex., Nov. 10, 1899, writes: "The two Collie pups that were received from your house last February have done well. They have killed all the rats and vermin about the place and are fine workers on all sorts of stock. Are very biddable, always on the alert, and, without the privilege of replacing them, would not take $100 for the pair."

Price Jermyn, Milton, Fla., Nov. 1, 1899, writes: "The Collie pups I got from you have given perfect satisfaction. Would not take $100 each for them and be so I could not replace him."

W. S. Goodwin, Emporia, Va., Oct. 18, 1899, writes: "The Collie pup is one of the finest I have ever seen. He herds my cattle every day and has the finest intelligence of any Collie I have. I would not take $200 for him. He is very large and beautiful and the pet of the family."

C. A. Tisdale, Tecumseh, Neb., Nov. 1, 1899, writes: "The Collie I bought from you last spring is 10 months old and is full of work."

E. Locke, Chocolooco, Ala., Oct. 31, 1899, writes: "The pair of Scotch Collie puppies from the first took the whole family by storm—so intelligent and docile. They have a warm spot in all our hearts. $200 would not buy them."

Send for prices of fowl and eggs, kept by us at all times. If any variety was not wanted included in this list, write, as our extensive acquaintance with poultry raisers enables us to procure almost any breed.

PRICE-LIST.

Below we give a list of prices of fowls and eggs, kept by us at all times. If any variety was not wanted included in this list, write, as our extensive acquaintance with poultry raisers enables us to procure almost any breed.

PRIZE-LIST.

Dorset. 85.00 per pair.

Pekin Ducks. 10.00.

Extra. Per

Cockerel, cock. 5.00

$15.00

$6.00

$4.00

$6.00

$4.00

$4.00

$2.00

$1.50

$1.00

$0.50

$0.25

$0.10

$0.05

$0.02

$0.01

$0.00

$0.00