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Do not assume content reflects current scientific knowledge, policies, or practices.
We take pleasure in handing you herewith our Illustrated Catalogue for 1894. Sixteen new pages have been added to it, and many valuable new things in Vegetables and Flowers will be noticed. Prices are lower than ever, with a few exceptions, and the quality of our supplies for the coming season is all that could be desired.

Leonard's Seeds continue to increase in popularity, as is shown by the steady growth of our business. Our aim has been to excel in the production of garden seeds, and it is now very generally admitted that no garden seeds are more reliable, safe or satisfactory than those offered under our Trade Mark.

Instructions to Purchasers.

Terms of Sale.—Cash must be sent with the order. This can be done either in the form of a Money Order, Bank Draft, Express Order, Registered Letter, or cash may be sent by express. Remittances in any other way are entirely at the sender's risk.

When to Order.—We are prepared to fill your orders as soon as this catalogue reaches you, so please order early. You will aid us greatly by doing this, as every order executed during January lessens the demands made upon us during February, and every order sent out in February places us in a better position to handle the vast volume of business which March always brings to the seedman. In making out your list use the order sheet which accompanies this catalogue, using one line for each article ordered.

About Forwarding.—Every order is executed at once on its receipt, or a reason given why it has not been sent, so that parties ordering may know that if goods are not received in proper time, it is almost certain that the letter has not been received by us.

Seeds are Guaranteed to arrive safe and in good condition, due care having been given to observe, faithfully, the previous and following suggestions, in all cases where the order is accompanied by the necessary remittances.

It occasionally happens that an order is lost in coming to us, or the goods in going to the customer; therefore, if any who order do not hear from us within a reasonable length of time, they should send a duplicate order; naming the date on which the former one was sent, and the amount of money enclosed, and in what form. This will enable us to investigate the matter, and fill the duplicate order with dispatch.

We Pay Postage and Expressage on all seeds ordered by the packet, ounce or pound, pint and quart, but positively not by the peck or bushel.

Premiums and Presents.—We aim to be liberal in our treatment of customers, and annually give away many thousand packages of our best specialties. We give one or more free package with every order, the amount of the order, of course, regulating the number given. Note our Premium World's Fair Album on next page.

Name and Address should be written as plainly as possible, and care exercised to have place of residence, county and state in full, giving all shipping directions. This is imperative and of vital importance, as we frequently receive orders and letters desiring information, etc., without any signature, or wanting in some other particulars, to which, of course, we are unable to respond. Thus what may sometimes appear to be negligence or error on our part, is very often due wholly to lack of care on the part of our customers.

NO GOODS SENT C. O. D.

Liberal Reductions.—To those of our customers who need only small amounts of all the different kinds of seed, we make the following liberal reduction. This reduction refers to both vegetable and flower seeds, but please remember that it only takes in the packet, which is the smallest amount we put up. Do not count ounces in, nor plants, nor bulbs, but seeds only, and they in packets:

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SIMEON F. LEONARD, Seed Farmer and Merchant.
LEONARD'S PREMIUM ALBUM.

Seventy-Two Views of the World's Fair

The Columbian Exposition, the greatest the World has ever seen, is now a thing of the past, as far as actual existence is concerned, but the grandeur of all will never be effaced from the memories of those who saw it, and its influences will remain potent forever. As a souvenir we offer a grand collection of photographs.

FREE TO OUR CUSTOMERS.

The collection consists of seventy-two views of the buildings, grounds and various objects of interest, carefully executed and bound in a convenient manner, the whole constituting

A MOST COMPLETE AND ARTISTIC ALBUM.

There is no object of general interest left out. The bridges, roadways, lagoons, state buildings, wooded island, and in fact the whole of that bewildering maze of architecture and landscape, forms in our album a grand panorama

BY WHICH YOU MAY RECALL AT ANY TIME

The beauties of that wonderful aggregation of palaces, which by virtue of its great magnificence has been styled by all nations

THE WHITE CITY.

This album we GIVE FREE to every one who orders SEEDS from this catalogue to the value of ONE DOLLAR or over. It must be understood, however, that no discount can be allowed from the regular printed prices. Customers availing themselves of low-priced collections, discount on packets or other reductions, MUST NOT EXPECT to get the album in addition to these reductions.

Similar albums to ours, though not so beautiful, have been offered on the trains and at stores in different places at fifty cents to one dollar. Ours cannot be bought, it is given away to the purchasers of Leonard's Seeds, and we feel sure that

THE CONDITIONS PLACE IT WITHIN REACH OF ALL.

The seeds we offer are well known. They have been planted for many years by thousands of gardeners and farmers everywhere with satisfaction and profit always. You get good seeds to the full value of the money sent.

The album is a premium given as a memento of the World's Fair, and a reminder of Leonard's seeds. It will afford you and every one who sees it much pleasure; therefore

BE SURE TO SECURE ONE.

There will be a large demand for these albums. It is an edition that we have secured at considerable expense. All who have seen it call it the most artistic and convenient of all the editions of World's Fair views. There is a limit to its publication, and it will increase in value as the years go by. On this account we would impress upon your minds how desirable it will be to

LET THE BOYS AND GIRLS GET ONE ALSO.

They can do this by getting up clubs among the neighbors. In our catalogue will be found many new and desirable vegetables and flowers which the boys and girls can recommend. The neighbors themselves may have ordered their seeds direct from us, but an additional 10 or 15 cents' worth from several of them will enable the children to send us an order to the value of one dollar, and by so doing the album will be sent direct to the boy or girl who sends in the order. The seeds can be sent direct to the neighbors who give the order, or if the boy or girl wishes to distribute the seeds themselves, the package will be sent direct to him or her.

EVERY ONE WHO GETS THIS CATALOGUE Will find in it a sample page of our Premium Album. This sample page gives an idea of the general appearance of the whole. Remember there are seventy-two of these pages in the album, all of which are actual photographs of the scenes which they represent. It will be a surprise to you when you go over these pages, the whole World's Fair will come back to you if you saw it, and if you did not see it no better representation could be given you.

THOSE WHO WRITE FOR THIS CATALOGUE Will also find the sample page. To them we extend a hearty invitation to give Leonard's seeds a trial. If they do this we are satisfied that our seeds will make their gardens more satisfactory than ever before. They are given the same opportunities as our customers to secure the album offered above. Certain conditions are named, and all who comply with them, whether old customers or new, will reap the benefit of our offer.
THE NEW SWEET CORN EXTRA EARLY VERMONT . . . .


For several years we have been looking for something that would combine all the desirable qualities of a first-class sweet corn, and would mature as soon as the Cory, without the objectionable colored cob and corn, and tendency to smut. At last we can exclaim "Eureka!" We have in the Extra Early Vermont really a new variety. Not an old variety improved by careful selection, and given a new name, but a scientific cross between an extremely early variety for the female parent, and a later variety of the very best quality for the male parent. The result is a sweet corn of superior quality, with a pure white cob six to eight inches long, well filled to the tip with eight rows of very large, pure white kernels. It is extremely early, being fit for the table or market earlier than any other sweet corn we have ever known, a few days earlier than the Pride of America, and at least eight or ten days earlier than Cory, having a larger ear, far better in quality and not liable to smut. The Extra Early Vermont grows very stocky, about five feet high a large proportion of the stalks having two good ears and occasionally three, making it very productive. We stake our reputation on the assertion that there is no more early sweet corn equals the Extra Early Vermont in quality. Size of ear, Productiveness or any other quality that goes to make up a profitable market corn, or one so desirable for the Home Garden.

We secured the stock and control of this from the originator in the winter of 1895, from which we have grown sufficient seed to supply all probable demands, which we offer at a price so low that Market gardeners can well afford to plant it in preference to any other extremely early kind. All will readily see that the Extra Early Vermont, with its large, handsome ears, with white cob and grain, and its extreme earliness, will take better in any market than the varieties with a red cob and grain, like Cory, First of All, Red River, Marblehead and Narragansett, and will be in fact The Market Man's Money Maker. To still further impress upon the minds of all the value of this new Sweet Corn, and to show that we have not overdrawn our description, we add the following testimonials:

The Extra Early Vermont sweet corn sent me for trial proves to be exceedingly early, productive and of good quality. It has a future.

J. W. Baker, Tiskilwa, Ill.

I had six varieties of sweet corn growing in my trial plot the past season. Extra Early Vermont gave the first picking, followed three days after by Pride of America and Brewer's First of All. The Extra Early Vermont has a white kernel and cob, and larger ears than the others.

D. G. Hicks, N. Chardon, Ohio, May 15-20.

The Extra Early Vermont sweet corn comes to the front in my trials as the largest cured early white variety. Earliness and quality are all right.

O. H. Alexander, Charlotte, Vt., June 1-10.

Can you spare me a few quarts of that new sweet corn for next spring's planting? It has the finest ear of all.

A. L. Lamson (Market Gardener), Rutland, Vt.


Cucumber White Pearl.

A decided novelty, which is described as follows:

Our crops of this new cucumber have been the admiration of seedsmen and gardeners. One grower for market, from Boston, Mass., said: "It is the cucumber I have been looking for all my life, but never expected to see. I never ate a finer cucumber." In habit of growth it is entirely distinct, setting the cucumbers very close around the stem, and maturing these early, then afterward the vines continue to run and bear freely throughout the season. The cucumbers grow so thickly together that they actually lie piled one upon the other. They grow remarkably uniform; the skin is very smooth and entirely free from spines. In color they are a beautiful pearl white; even the young fruits are of a very light color, nearly as pure white as when ready for use. Pkt., 5c.; 5 pks., 25c.; oz., 5c.

SQUASH DELICATA.

The ground color is orange yellow, splashed and striped with very dark green. The quality is splendid, being rich and dry, similar in this respect to the well known Fordhook Squash. The Delicata is the earliest of any the squash that we have ever tested, and is so prolific that last season from twelve hills of two plants each 32 perfect squashes were gathered. Although of small size, this variety is wonderfully solid and heavy, the seed cavities being very small. For private use particularly we can recommend this squash, as it far surpasses in richness of flavor any of the large, old-fashioned sorts. Out of probably 150 varieties and stocks of squashes tested, not one of all this number produced as many squashes as the Delicata. As before stated, the great distinctive feature of this squash is its extreme earliness, matures about the same time as the summer squashes, and for early use will doubtless supplant this watery, tasteless class, while its extreme solidity renders it fully as good a keeper as any of the winter varieties. The Delicata is an "all seasons' squash in a remarkable degree. We can highly recommend it. Pkt., 10c.
Horticultural Lima

A novelty of great merit, being a cross between the Dwarf Horticultural and Dreer's Improved Lima, and combining the good qualities of the latter with the earliness of the former. It has been tested thoroughly for two years and found fully as early as the Dwarf Horticultural and as prolific as Dreer's Improved Lima. Its extreme earliness will permit of its being planted far north of where any true Lima bean can be grown, while its prolificness and the quality of the green shelled beans makes it a desirable addition to any garden, north or south. Vines medium size, not much bunched and not running over four feet usually, but fruiting freely to the ends; leaves large, coarse, wrinkled, green, resembling Dwarf Horticultural; flowers medium size, white; pods borne in clusters, three to six inches in length, flat, almost straight, terminating abruptly to a short point, green, and carry three to six beans; dry beans, about the size and shape of Dreer's Improved Lima, though the ground color is a little darker. We advise all our customers to try it, as it is the hardiest, the earliest and the best quality of any green podded pole bean, especially adapted for using green shelled. Pkt., 10c.; pt., 40c.; qt., 75c.

DWARF ESSEX RAPE.

This has so much merit that it should be grown more liberally for forage and for green manure, for which purpose there is no better plant adapted where a quick, rank growth is desired. We have this season the true rape for sowing—that is the Dwarf Essex. It is one of the best forage plants to feed to sheep. Ranchmen and other raisers of stock throughout the country are planting it largely, and when its value is properly tried it will take the first place as a paying forage plant. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 25c., post-paid. By express or freight, at expense of purchaser, 1 lb., 15c.; 10 lbs., $1.40; 25 lbs., $3.00; 100 lbs., $10.00; bags free.
TOMATO.

THE NEW BUCKEYE STATE.

This new tomato is the largest fruited variety yet introduced. It averages at least one-half larger than Livingston’s Beauty. Many mammoth sorts have been introduced, but have been rejected on account of their roughness. In addition to its very large size it is also smooth and uniform. Although it is large in size the fruit is not at all scarce, but it is more prolific and abundant than any of the standard sorts. It is unquestionably the heaviest cropper. The tomatoes are borne in immense clusters of four to eight fruits—occasionally ten fruits are found on a single cluster. In solidity and meatiness none can surpass it. The color is the same as Livingston’s Beauty, but of a somewhat darker and richer shade. With so many extraordinary good qualities it can readily be seen that the Buckeye State tomato will immediately take the lead of all others. Pkt., 10c; oz., 35c.

THE MATCHLESS TOMATO.

The introducer says: “The Matchless tomato is well worthy of its name; in beauty of coloring and symmetry of form it is indeed without a peer. The vines are of strong, vigorous growth, well set with fruit; the foliage is very rich dark green in color.” The engraving accurately shows the shape and also the remarkable solidity of a section. They are entirely free from core, of a very rich cardinal red color, and are not liable to crack from wet weather. The fruits are of the largest size, and the size of the fruit is maintained throughout the season, the healthy growth of foliage continuing until killed by frost. Had we to confine ourselves to one variety it would be the Matchless, for certainly no other tomato will produce extra large fruits, so smooth, handsome and marketable as the Matchless. The skin is remarkably tough and solid, so that ripe specimens picked from the vine will keep in good marketable condition for two weeks. Its fine quality, solidity and long-keeping character has already made the Matchless tomato a great favorite for both market and family use. Our seed is from the introducer. Pkt., 10c; 3 for 25c; oz., 35c; 2 ozs., 60c; ¼ lb., $1.00; 1 lb., $3.50.

ROYAL RED.

A New Main Crop Variety.

It bears medium size to large, smooth fruits, having a pure bright scarlet color, entirely free from any tinge of purple, and on this account excellently adapted to canners’ and catsup makers’ use. Our seed is grown from stock procured of the introducers, and is pure and good. Pkt., 5c; oz., 25c; 1 lb., $3.00, post-paid.

The above three Tomatoes should be grown in every garden. One pkt. of each for 20 cents.
The Early Black Lima Bean.

A new black, mottled seeded variety of the Sieva or Sewee Pole Bean. The seeds are smaller than the Large White Lima, and do not rot near so easily. The vine is a vigorous grower, hardy and enormously productive. The vine begins to bloom and set quite early and continues to do so till frost.

The pods are borne in clusters, five to twelve, and one bean vine was grown that bore over 2,000 pods. The clusters are borne in great profusion from the ground up to a height of six or seven feet. The beans will shell out one-third more than the White Lima. Beans are dark green when cooked, of a delicate quality and delicious flavor. The heat and drouth do not seem to affect this variety much. The beans are always full and plump and partly overlap each other, as shown in the illustration. Pkt., 10c.; pt., 60c.

Ornamental Pomegranate.

Grows on a pretty vine. The handsome fruit is a lemon-yellow, striped, and sometimes spotted with a dark orange, varying from the size of a small peach to that of an orange. It is very fragrant, sweetly perfuming a room with their pleasant odor for days. Very prolific and easily grown. Pkt., 10c.

WILLLOW LEAF LIMA.

Another fine new pole bean described as follows:

The pods are of the Sieva and Sewee type, larger in size than Henderson's Bush Lima, well filled with the pure white beans which are tender and of fine flavor. It matures beans ready for the table very early; the vines branch freely in every direction, and blossom and bear through. It differs from all other beans known in its beautiful deeply cut foliage, aptly described by its name—Willow Leaf. It is so handsome that many gardeners have pronounced it worthy of growing as an ornamental climbing vine. Pkt., 10c.; 3 for 25c.

THE CALHOUN PUMPKIN.

This is a handsome new pie pumpkin of medium size, extraordinary weight and solidity. It is enormously productive and excels in quality as a pumpkin for pies. It is very uniform in shape. Skin, dark cream color; flesh, deep salmon yellow, fine grained and remarkably thick. Seed cavity is very small. The flesh is of a most superior quality, making pies of a nice rich color. The beauty of the pumpkin, its solidity, richness of color and flavor destined it to become one of the most popular pie pumpkins. Pkt., 5c.; oz., 10c.
MUSK MELON.

NEW TIP TOP.

A new yellow-fleshed melon. While its outside appearance does not attract so much attention as some of the heavily netted sorts, at the same time it would be noticed at first sight as a distinct melon by any familiar with various kinds. Nothing equals it for uniform good quality. The universal testimony of every one using Tip Top is that every fruit produced, whether big or little, early or late in the season, is a good one—sweet, juicy, finest flavor, firm, but not hard-fleshed, estable to the very coating.

Every one who tries this melon will be astonished at its excellence. This melon will obtain better prices than any other sort, and some of the best specimens sold readily for fifty cents to those who knew the melon. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.

Other new melons are described on pages 18, 24, 27 and 29.

NEW ASPARAGUS.

COLUMBIAN MAMMOTH WHITE.

A new and distinct variety of superior qualities. It produces shoots which are white and remain so as long as fit for use, and from 80 to 90 per cent of the plants come true from seed. This grand result has not come by chance, but is the legitimate outcome of years of patient work and careful selection by the originator, extending over eight generations from the original plant.

Some fourteen years ago a single plant having white shoots was found growing in a large asparagus grower’s field of Conover’s Colossal. As the plant happened to be seed-bearing, seeds were saved and sown by themselves. A small percentage of the plants came true, and these were planted by themselves and seed from them saved. This process was repeated until now fully 80 to 90 per cent of the plants produced from the seed we offer will be white. The small percentage of green plants that show in a lot of seedlings may be removed as fast as they appear, thus insuring a bed containing white plants only.

In addition to the marvelous advantage of its white color, the Columbian Mammoth White Asparagus is even more robust and vigorous in habit and throws larger shoots and fully as many of them as the Conover’s Colossal. When we add to these the immense advantage of its needing no earthing up in order to furnish the white shoots so much sought after, we think it evident that it is superior to any sort now in cultivation and that no asparagus grower can afford to plant seed of any other kind. Pkt., 10c.; oz., 20c.; ¼ lb., $1.00; lb., $3.00.

Asparagus Roots will be found on page 31. We supply them in any quantity.
Kentucky Wonder or Old Homestead Pole Bean.

This old reliable green podded Kentucky Wonder was first offered in 1885, as the earliest, the most prolific and best pole bean to plant for "snaps." It has been lately offered as a novelty, at a high price, under the name of "Old Homestead," and is sometimes also sold as "Seek No Further."

We know this variety to be especially valuable for planting in the south, as it will set pods during the hottest weather.

Ours is the True Round Stock.

Pkt., 10c.; pt., 30c.; qt., 45c.; 4 qts., $1.50; bu., $9.00.

Some of Our Best Specialties.

Leonard's Golden Heart Squash, Page 17
Leonard's Extra Early Egyptian Beet, " 28
Leonard's Yellow Globe Onion, " 51
Leonard's Market Garden Radish, " 58
Leonard's First and Best of All Peas, " 53
Leonard's Bridgeport Drumhead Cabbage, " 37
One pkt. of each, post-paid, 25c.

The Der Wing Squash.

This new squash was discovered in China a few years ago. It is hardy, wonderfully productive, and grows about fifteen inches long, three inches through; flesh is light yellow, very thick. When cooked it is very sweet and finely flavored. The shell is hard and thick, covered with warts, making it an excellent keeper. Pkt., 5c.; oz., 20c.; \( \frac{1}{4} \) lb., 50c.

"First of All" Sweet Corn.

For many years the Cory has been the first early corn, but in the "First of All" sweet corn we have at last acquired one which is seven days earlier than Cory. It is not only earlier than Cory, but at the same time produces not only larger ears, but more of them to the stalk. This corn is not only desirable for family use, but it is extremely valuable for market gardeners, as the earliest corn always brings them the highest prices. A large number of the ears contain ten to twelve rows, while the Cory is eight-rowed. It is of superior quality, very tender and sweet. Pkt., 10c.; pt., 20c.; qt., 40c.
NEW CHAMPION SWEET CORN.

Ears free from Husk and Butt, weighing 1-2 lbs. each, 12-1-2 in. long by 8-1-2 in. in circumference were grown in 61 days.

This corn is without doubt the earliest large corn ever introduced, being only a few days later than the first early small corns, such as Cory, Marblehead, Tom Thumb, etc. It is classed by some market gardeners to be nearly as early as the Cory, which, up to this time, is the earliest of all corns, but with a small ear and red cob, while the Champion has an ear nearly as large as Mammoth, with a medium-sized white cob and large, plump, pearly white kernels, very sweet, tender and full of milk. Its large size, small white cob, plump kernel and extreme earliness, make it a very valuable variety for market and family use. It has a very large ear, plump, twelve-rowed and well filled out at the tip, some of the ears measuring 12 inches long by 8½ inches in circumference. Stalks grow large and stout, five or six feet high, and are very productive, yielding two and sometimes three ears on a stalk.

This new variety is without doubt the earliest large corn in the world. There are very few, if any, varieties except the Champion that will be fit for table in eight weeks from time of planting, and produce ears measuring 12½ inches long by 8½ inches in circumference. Its large size, pure white, plump kernels, and extreme earliness make it not only very popular as a market sort, but also for family use, coming in when there is nothing but the small corn to be had. Pkt., 5c.; ½ pt., 15c.; pt., 25c.; qt., 35c.

CURRIE'S RUST PROOF WAX BEANS.

Seed black. Described by introducers as follows:

Time proves beyond a doubt that we possess in this bean a variety of very superior merit, and one that is unequaled by any other wax bean in its many excellent qualities. The unprecedented demand for the seed alone is sufficient proof of its genuine worth. Large quantities have been furnished to many of the largest and most critical bean growers throughout this country with the very gratifying result that all reiterate our claims for it, by pronouncing it the most perfect wax bean ever yet introduced. Pkt., 5c.; pt., 30c.; qt., 45c.

MELTING SUGAR PEA.

A new variety of the edible podded class of garden peas, and is superior to any other in prolificness, the pods being borne in pairs in the greatest profusion. The pods are large, straight, smooth, perfectly stringless, and of the most delicious flavor.

You cannot afford to plant any other variety of edible podded peas, because this is

The Most Prolific,
The Most Tender,
And the Best Flavored.

Per pkt., 5c.; ½ pt., 15c.; pt., 30c.; qt., 45c.
The Squash Faxon.

A DECIDED NEW SORT.

Very early, enormously productive, of medium size and the best possible quality, we fully believe that this new variety is destined to become a standard amongst squashes, both for home use and market purposes.

A distinctive feature of this squash is that the ripe squashes vary in color, some of them being pale yellow with still paler yellow stripes in hollows, while others are green, mottled, and faintly striped with a lighter green. In this respect it is different from all other varieties, and after years of careful trial we have found that this squash follows its type absolutely true, and we can offer this squash to you as a distinct new vegetable.

The flesh is a deep orange yellow, cavity very small and seeds few; the special peculiarity, however, is that while uncooked it appears to have a shell-like any squash, when cooked there is practically none, the shell or inedible part being only about as thick as a sheet of writing paper. It is the best squash we ever tasted—sweet and very dry—and for squash pies it must be tried to be appreciated.

We know a trial will convince all of its great value.

It matures early and can be used as a summer squash. It is the best winter variety we know of, being a very late keeper. We have repeatedly had squashes in our cellar in perfect condition in April and May. It is the only squash we ever saw that every specimen is of superior quality without regard to size or whether it is ripe or green. This is a very desirable feature, as many squashes (the Hubbard especially) must be thoroughly ripe before frost, or the crop is lost. It is not so with the “Faxon Squash”; every specimen can be gathered and used.

Pkt., 10c.; $ for 25c.; oz., 40c.

WHITE CREASEBACK,
BEST OF ALL POLE BEAN.

The best early green-podded pole bean. We are convinced that it cannot be praised too highly. It is a good grower and exceedingly productive, the long pods being produced all over the vines, in clusters of from four to twelve. The handsome green pods grow from five to six inches long, perfectly round, with a crease in the back, hence the name. The pods are entirely stringless, very fleshy, and as string beans are of superb quality. The entire crop is matured extremely early, and if shipped to market, the green string beans will keep better than most other kinds, while their fine quality is so apparent that they always command the highest prices.

Of all green-podded pole beans, Creaseback is undoubtedly the best for early and Lazy Wife’s for late use, also fine for shell beans. The beans, when dry, are small, oval, very white and hard.

Pkt., 5c.; $ for 15c.; pt., 20c.; qt., 50c.

If our customers desire any of the standard books on Vegetable or Flower culture we can furnish them at low prices.

CELEXY.

Perfected White Plume.

A handsome, crisp sort of very easy cultivation. Naturally its stalks and portions of its inner leaves and heart are white, so that by closing the stalks, either by tying or by simply drawing the soil up against the plant and pressing it together, the work of blanching is completed without the additional troublesome process of “banking” or “earthing up.” Its eating qualities are equal to the very best other sorts, being crisp, solid and of a rich nutty flavor. It is not as good a keeper as our Giant Golden Heart, but it is unsurpassed for fall and early winter use, and is the earliest celery known.

Pkt., 5c.; oz., 25c.
Chicago Mammoth
White Winter Radish.

The best winter radish yet introduced. Roots are of fine shape, smooth and clear white; flesh is crisp and solid, and of a very superior flavor. This radish is an excellent keeper, and can be kept in fine eating condition all winter. All who are fond of radishes should grow some. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., $1.50.

Prices quoted on packets, ounces, one-fourth pound and pound are delivered free to your address.

Extra Large Golden Bush Scallop
or Custard Squash.

Decidedly the best strain of yellow bush scallop squash offered. It has been selected and grown for years until it has doubled in size, and at the same time lost none of the other good points, such as earliness, quality and productiveness. It produces very large, handsome, yellow squashes. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.00.

Early Siberian Cucumber.

Earliest cucumber known, producing fruits five inches long, in the open ground, from seed in fifty-five days. It is without question a remarkable variety, and will be a surprise for market gardeners and truckers, who heretofore have grown the Early Russian for earliest. Size of the "New Siberian" medium, what a critical gardener would call just right. A splendid free bearer; fruits, straight and smooth; flesh, tender and crisp. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 60c.

The Improved Cocozelle Bush Squash.

This is a distinct type of bush squash: the plants grow very compact and uniform in height, and the vines do not run. The squashes are oblong in shape, green and white striped. A remarkable feature of this variety is that the little green squashes when still very small, only two to four inches long, are most delicious in flavor. They can either be boiled whole or sliced and fried, like egg plant, and to our taste are nearly, if not quite, equal in flavor, while, of course, they are more easily raised. It will prove a welcome addition to the vegetable garden. Cultivate same as ordinary bush squash, but do not neglect to cook the little fruits while still immature, as they are much better in this form. Pkt., 10c.; oz., 15c.; ½ lb., 40c.; lb., $1.25.

Bonanza Sugar Corn.

A very fine sort; as early as Perry's Hybrid; ears large, well filled and from two to four on a stalk; very productive; eating qualities are unsurpassed. Pkt., 5c.; pt., 15c.; qt., 30c.
Leonard's Market Garden Parsnip. **SPECIAL STOCK.**

This strain is a continued selection of our Avondale stock of Guernsey parsnip, which for several years has given such good satisfaction to the Chicago gardeners. It has been selected with the view to produce a root of good length, uniform tapering shape and freedom from side shoots.

Our Avondale stock of Guernsey parsnip was found to be a great improvement on the Long Smooth, especially so where the ground was rich. The old Long Smooth parsnip grew too long in the rich loamy soil of our prairies, and our efforts to breed up a strain suitable to the soil and the needs of our Chicago gardeners resulted in our Avondale Guernsey; and when we state that our Market Garden Parsnip is an improvement upon our Avondale Guernsey, its merit needs no further recommendation. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00.


This has been obtained by years of careful selection. Although we hardly sold this squash a few years ago, we again call special attention to it, having this year grown and selected some of the finest specimens ever raised. No such a field of squashes was ever seen before, for the immense squashes were produced in extraordinary numbers. They are of a beautiful glossy white color, very early, and growing to an enormous size. They average from twelve to fifteen inches across. The shapes are very uniform, almost fac-similes of each other. Pkt., 10c; oz., 15c; ¼ lb., 30c.

The Sugar Pumpkin.

This great pie pumpkin is an unusually handsome variety; is wonderfully prolific, six to eight large pumpkins setting on a single vine; flesh is remarkably fine grained, very thick, of a beautiful golden yellow. It keeps in magnificent condition until late in the spring, and for making pies or custards it cannot be surpassed. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 60c.

The Melrose Musk Melon.

It is a very hardy, strong and vigorous grower, the vines remaining green longer than any other variety. The melons are produced abundantly, and very close to the hill—a feature of the greatest value. The color is rich, dark green, the shape is oval, as shown in the illustration. The melons average in weight about four pounds, and are finely and densely netted, showing but slight tendency to rib; the form is remarkably perfect and true; all in all, the handsomest and most showy of all melons. The flesh is very thick and solid, clear, light green in color, shading to a rich salmon at the seed cavity. In flavor this, the Melrose, cannot be equalled by any other variety, and carries its superior quality and sweetness to the extreme edge of the skin. It is about one week later in ripening than Jenny Lind, and it can be said of this superb new variety, that it will produce more good, salable melons, "hold up" longer, stand more handling and rough usage than any other known, thus making it the best and most desirable, either for home or market purposes. Pkt., 10c; oz., 25c.
ILLINOIS QUEEN POTATO.

This new potato originated with J. W. Baker, Tiskilwa, Ill., and is now offered for the first time. We have secured all the seed of it, and take pleasure in introducing it to our customers. The illustration shows a photograph of an average potato. The Illinois Queen is a fine-grained, smooth, russet-skinned, white-fleshed potato, eyes few and shallow, shape round, elongated somewhat, but full on all sides. The vines are strong and vigorous, which enables it to withstand drought, and the ravages of the potato beetle wonderfully. In productiveness it is unequaled; the past season it did the best out of one hundred varieties. In quality it is unsurpassed; whether baked or boiled, it came out lustrous and delicious. The originator who also brought out the Statesman and many other well known kinds has this to say of it: "The Illinois Queen is as handsome as Rural New Yorker No. 2, much earlier, a greater yielder, white, and shaped like Rural, but not so flat. I like it the best of any potato I have ever seen. This is the poorest season I have ever known but one—no rain to do any good since June 15th, and then these were planted May 15th, which was very late, and the old long potato beetles (not the Colorado beetle), had eaten the leaves badly. I expected, under the adverse conditions, they would be ruined; did not expect they were of any account this year, but to-day (Aug. 29th), I dug a few hills, and great was my astonishment to find a good yield, tubers handsome and of fine size. They are the finest I have in a hundred varieties; are far ahead of Freeman and World's Fair. I am willing to put the Illinois Queen against any potato." The above, coming from a potato specialist of well known ability and unquestioned integrity carries weight with it, and leads us to think that in the Illinois Queen we have secured a potato having more good points than any other now before the public. We are not in favor of the sensational when introducing a new thing. We simply place it before our customers upon its merits when assured that it has merits. This is the case with this potato; we might say many great things about it, but we will only say "Just try it," and next year, those who do so will be permitted to say the great things. Lb., 60c.; 3 lbs., $1.50, post-paid; by express, at purchaser's expense, ½ pk., $2.00; pk., $3.00.

THE STATESMAN POTATO.

This is another fine new potato, introduced two years ago, and is now favorably known as one of the very best early varieties. It grows very large for an extra early, and is a good yielder. It is a sport from Polaris, and in form resembles that variety. It is a long, smooth, white-skinned potato, somewhat flattened, pointed at one end more or less, and usually blunt at the other, eyes few and not sunken, vines vigorous, quality excellent, and a good cooker. The originator, from whom our stock is bought, says of it: "Planted May 13th, and not having any rain of consequence, after June 15th, they are yet a good average crop and fair in size with me about as early as Ohio." The stock of the Statesman here offered is direct from the originator, and is bound to give satisfaction. Lb., post-paid, 40c.; pk., $1.00; bu., $2.00; bbl., $5.00.

Note the very low prices that we put on "Planet Jr." and other garden and farm tools, pages 92, 93, 94, 95 and 96.

EXTRA EARLY ALASKA PEAS.

This is one of the best of the extra early peas. The seed is green, small and not wrinkled. The vines grow to the height of from twenty-four to thirty inches; do not require brush. We consider the Alaska one of the best peas for the home garden for first early. They pod abundantly, the peas are sweet, and the pods are long and well filled. Canning factories use this pea very extensively. For the market gardener the Alaska will be found a money bringer—its appearance sells it—and it ripens so uniformly that a grower can reap the benefit, if prices are good, by clearing the vines at one picking. ½ pt., 15c.; pt., 25c.; qt., 40c.
Leonard's Giant Summer Straightneck Squash.

Several years ago we sent out Leonard's Giant Summer Crookneck Squash as an improvement on the old Summer Crookneck. It met with universal approval on account of increased size and uniformity of shape, and became the standard variety of early squash with all progressive gardeners.

The old summer crookneck had one bad feature, however, which, in Leonard's Giant, we were unable to entirely overcome. That feature was its crooked neck. All market gardeners are aware of the disadvantages of this feature—it spoils the shape of the squash and is liable to break off, ruining the sale of them. Market gardeners in the south, and all others who ship early squash to distant markets, know the difficulty of packing the crooknecked variety in boxes to good advantage. They do not fit into the space well, the crooked neck always seeming to go just where it is not wanted.

In Leonard's Giant Summer Straightneck we have succeeded in overcoming the bad feature of the crook, and by continued selection have increased the size, made the shape more uniform, improved the quality, and place before our customers the best strain of Summer Bush Squash known to the trade. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.00.

Leonard's Chicago Warty Hubbard.

Leonard's Giant Summer Straightneck Squash.

LEONARD'S GIANT SUMMER STRAIGHTNECK SQUASH.

This new strain of Hubbard squash is a continued improvement upon our strain of selected Hubbard found on page 59. The illustration is a photograph of two specimens taken from the field where our seed was grown. It shows the uniform shape and exceedingly warty character of the strain. This wartiness indicates a very hard shell, which is one of the best features in a long-keeping squash; it also denotes extra choice quality—the harder and more warty the shell of a Hubbard squash is, the more delicate and sweet the flesh will be found to be. All squash raisers know this.

Our aim has been, by continued selection, to increase the size as well as to add to all the good qualities for which the Hubbard is noted. The result has been that we now have a strain superior to any heretofore known to us, and we offer it to our customers with the assurance that the efforts we have put forth will be fully appreciated when the merits of this new strain become fully known. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.00.

NEW WATERMELON—COLE'S EARLY.

In this new variety we feel confident that we are placing before our customers a watermelon which will invariably mature in any of the states where the season is as long as that of Illinois. Cole's Early is the finest every-day melon for the amateur that we have ever seen. It is very hardy, a sure cropper, and extremely delicate in texture of flesh, which is of a dark red color; the rind is thin, and the quality of the flesh is sustained clear to the rind. It is, however, exceedingly brittle, hence not desirable for shipping purposes, but, possessing all the other most desirable features, we can highly recommend it for home use. The melons are of medium size, nearly round in shape, rind green striped with lighter shades. We feel sure that Cole's Early will become popular. Pkt., 5c.; oz., 10c.; ½ lb., 25c.
Onion growing is now a large business with us. Our operations in this line are more extensive than those of any other firm. The adaptability of the soil we cultivate, and the experience gained by continued effort to excel in growing this article has resulted in placing Leonard's Onion Sets in the lead. They are known for brightness of color, firmness of bulb and for certainty to produce sound, salable onions.

The Red, Yellow and White bottom onion sets shown in picture above, and described below, should be planted in every home garden. Nothing, for the same amount of money expended, will bring so large a return, or give so much satisfaction.

**BOTTOM ONION SETS GROWN FROM BLACK SEED.**

**RED BOTTOM SETS.**
The red bottom onion sets we offer are the genuine dark red. They will make good young onions for early table use, many of which may be increased by planting the top at the same time. The red onions have a taste peculiar to themselves, and by many are considered superior to either the white or yellow. 1/2 pt., 10c.; pt., 20c.; qt., 30c.; post-paid.

**WHITE BOTTOM SETS.**
White bottom onion sets are much used, and are highly esteemed for growing early onions for table. It will pay any one to plant a quart or two for spring and early summer use. No vegetable is so tasty or so healthful as green onions, and it is so easy to have them that no one should miss the opportunity to grow them. 1/2 pt., 10c.; pt., 20c.; qt., 30c.; post-paid.

**YELLOW BOTTOM SETS.**
Yellow bottom sets are the ones most in demand; they make young onions quickly, and the matured onions from them are shipped largely from the South to northern markets. 1/2 pt., 10c.; pt., 20c.; qt., 30c.; post-paid.

**MULTIPLIERS AND TOP ONIONS.**

**MULTIPLIERS.**

These are the old and well known multipliers often called Irish multipliers. They form one of the earliest of green table onions, and are much used by market gardeners for this purpose. They grow in bunches as shown in illustration, and each of the onions in these bunches, when separated and planted, makes a large onion, which onion makes another bunch, and so on. They are wonderfully productive. 1/2 pt., 10c.; pt., 20c.; qt., 30c.; post-paid.

**TOP ONIONS.**
These are the regular top onions. The top sets produce large onions, and the large onions produce the tops. These top onions are used largely to make large marketing onions; they form a large, solid, long-keeping bulb that sells readily; also good for early green onions. 1/2 pt., 10c.; pt., 20c.; qt., 30c.; post-paid.

**PERENNIAL OR WINTER ONIONS.**
This is a top onion, but differs from the regular top onion in never making a large onion. It multiplies in the ground and throws up a shoot which produces a bunch of bulbs similar to the top onion. It will withstand the hardest winter without protection and will remain in the ground for any length of time. The top sets are used for propagating same as the regular top. Fine for green onions. 1/2 pt., 10c.; pt., 20c.; qt., 30c.; post-paid.

**POTATO ONIONS.**

These are the old and well known multipliers often called Irish multipliers. They form one of the earliest of green table onions, and are much used by market gardeners for this purpose. They grow in bunches as shown in illustration, and each of the onions in these bunches, when separated and planted, makes a large onion, which onion makes another bunch, and so on. They are wonderfully productive. 1/2 pt., 10c.; pt., 20c.; qt., 30c.; post-paid.

**GARLIC SETS.**

These sets separate similar to the shallots. They are much used for flavoring; are hardy and productive. They are not usually classed among onions, but they belong to the same family and are the same in many respects. 1/2 pt., 10c.; pt., 20c.; qt., 30c.; post-paid.
CHALLENGE DWARF BLACK WAX, EXTRA EARLY.

The earliest Wax Bean. Ripens a larger proportion of its crop earlier than any other variety.

We do not think we exaggerate in the least in pronouncing this the best extra early wax bean. It came directly out of the old and well-known German Wax Black Seeded, and has all the merits of that favorite variety in addition to its extreme earliness. Per pkt., 5c.; pint, 20c.; quart, 40c.

BARTELDE'S GLASS RADISH.

This new Radish comes from the same gardener in Denver, Col., who originated the Denver Market Lettuce, and is a fine acquisition. It is a long Radish of light pink color, white tipped, of uniform size. The flesh is transparent white, always crisp and brittle, even if grown to a large size, and mild flavored. It was named "Glass Radish" on account of the fine transparency of the flesh. Tried by us and other seedsmen this season it was pronounced one of the finest among the Radishes. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.

EMPEROR WILLIAM BEAN.

EMPEROR WILLIAM.—This new variety is claimed to be not only the largest-podded of all bush beans, but also the earliest. The large, flat, handsome green pods are borne in great profusion. It is worthy a place in all private and market gardens, for, in addition to the good points named, it can also be used as a dry white shell bean. Per pkt., 5c.; pint, 20c.; quart, 40c.
# ORDER SHEET

**FOR**

**S. F. Leonard's Market Garden Seeds**

153 & 155 WEST RANDOLPH STREET,  
CHICAGO, ILL.  

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*If you wish to write us for information or prices, please do not use this Order Sheet.*

*Carried Forward.*
You will greatly oblige us if you will write here the names of market gardeners in your vicinity, or people who buy seeds.

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NEW SWEET CORN,

"Country Gentleman."

The introducer's description is as follows: "The Ne Plus Ultra Corn, which we have offered for the past two seasons, has given more satisfaction for private family use than any other sort. Its only weak point was its small size. To remedy this we have, by careful selection, obtained a variety which produces ears of good size and of the same delicious quality as the original, and we offer with confidence the 'Country Gentleman' as the

Finest Sweet Corn for Private Use.

The ears are of good size and produced in great abundance, our grower last year sending in a number of stalks bearing four good ears, while the average of the crop was three ears to a stalk. When we consider that ordinary sweet corn produces only one or two good ears to a stalk, the superiority of this variety will be quickly seen. The cob is very small, giving great depth to the kernels, which are of pearly whiteness. But the great merit of the 'Country Gentleman' Corn is its delicious quality. It is, without doubt, the sweetest and most tender of all sweet corn, and at the same time with ears of good size," Pkt., 5c.; half pint, 15c.; pint, 25c.; quart, 40c.

Leonard's New Golden Heart Squash.

This new squash originated in Nebraska, and comes to me from the veteran seed-grower, Mr. Coy. It is probably a sport from Cocoanut by crossing with some other small variety, such as Fordhook. It is very dry and sweet, almost like a chestnut, and is superior to any other variety I have ever grown. It is heart-shaped, hence its name, and of a beautiful golden color with dark green stripes, making it very attractive in appearance. It is very early and the most prolific bearer of any variety known. Its beauty and superior quality will win for it a place in every market and family garden. Everyone should try it. Pkt., 5c.; oz., 15c.; ½ lb., 50c.

LIVINGSTON'S

Red Cob Evergreen Sweet Corn

LIVINGSTON'S EVERGREEN

This grand medium early sweet corn, coming in before there is any other large corn on the market, is very profitable for market gardeners. It is very productive; has large well-filled ears, with deep, broad kernels and small cob, filled well over the tips, very sweet, selling in market from two to three cents higher per dozen than any other corn. It contains so many good points essential in a table corn that everyone should try it. Pkt., 5c.; half pint, 10c.; pint, 20c.; quart, 35c.
S. F. LEONARD, CHICAGO, VEGETABLE SPECIALTIES.

IMPROVED RUST-PROOF
Golden Wax Bean.

The Golden Wax Bean has for years been the most popular of the dwarf wax varieties, and in the Improved Golden Wax which we now offer we have a bean that possesses all the good points of the old Golden Wax, but is larger in pod and much more prolific, as well as being rust proof.

This improved stock is one of the handsomest beans we have ever seen, being a dark rich golden yellow color, and of perfect shape, neither too large nor too small. It is of grand quality, showing no string or coarseness even when past its best, but is of tender, melting flavor at all stages of its growth. For market gardeners or private families no better bush bean can be planted. Packet, 5c.; half pint, 15c.; pint, 25c.; quart 40c.

The Columbus Musk Melon.

The illustration shows faithfully the general appearance of the Melons. It originated with Mr. Anton Beck, of Oregon, Ills., and until the last two seasons was controlled entirely by him. The seed we offer is grown from the original stock, which was secured at a high price. The color of the skin is a bright glossy yellow when fully ripe, and is covered by a thick whitish netting. The flesh is green very deep, leaving only a small seed cavity. The quality is all that can be desired. During the past season many of our Chicago market gardeners made much money selling this melon to the World's Fair restaurants. At these restaurants the praise of its quality was universal; it was impossible to supply the large demand. Those of our customers who were fortunate enough to get a piece of the Columbus Melon while at the Fair know all about its delicious quality. We are expecting a large demand for it this season, and as the supply may run out early in the season, all who want it should order at once. Pkt., 5c.; oz., 15; $\frac{1}{4}$ lb., 40c.; lb., $1.00.
Stabler's Pedigree Sweet Corn.

This distinct new variety, first introduced in 1890, originated with the late Mr. Henry Stabler of Maryland, and is the result of a regular work of hybridizing and careful selection pursued for many years, aiming at the production of a kind that would supply the wants of the canner and market gardener better than those previously in use. It is of extra quality for canning and for the table; very sweet and juicy in the green state. Grains deep and in straight rows on the cob; silk white and easily removed in preparation for canning or the table. It generally bears two handsome ears to the stalk, which are of good, large size. It ripens earlier than Stowell's Evergreen, and is superior to that well-known standard in sweetness and flavor. Pkt., 5c.; pint, 30c.; quart, 40c., postpaid.

New Japanese Climbing Cucumber.

Vines are extra strong and foliage much more vigorous than other kinds, and being a climbing sort, can be grown on trellises, fences, etc., saving valuable space in small gardens. It is very prolific, from 40 to 60 cucumbers having been counted on one plant; fruit cylindrical, about 10 inches long, thick and of fine flavor. Price, pkt., 5c.

Henderson's Early Snowball Cauliflower.

THE EARLIEST. THE SUREST HEADER. THE MOST PROFITABLE

The Best Variety for Either Market or Family Gardens.

Henderson & Co. say: “Whether intended for private use or to be grown for market, Henderson’s Early Snowball Cauliflower is superior to all others. First, because it is the earliest of all cauliflowers, as has been conclusively shown, season after season, since we first made its merits known; Second, because under the conditions of an ordinarily favorable season, nearly every plant will form a perfect snow-white head, averaging nine inches in diameter; Third, for the reason that its close-growing, compact habit enables one-third more to be planted on the same space of ground than can be done with any other variety. For forcing under glass during winter and spring, this Early Snowball variety is peculiarly well adapted, from its dwarf growth and short outer leaves, and for this purpose no other cauliflower is now so largely grown. It also does equally well for late planting.”

We sell annually large quantities of this cauliflower to the market gardeners in the West, and get our supply direct from Peter Henderson & Co., and have it with their seal upon every package. Price, pkt., 15c.; ¼ oz., $1.00; ½ oz., $1.30; oz., $3.50; ½ lb., $12.00.
BURPEE'S
BUSH LIMA

Is the first and only true bush form of the luscious LARGE LIMA Bean, and must not be confused with Henderson's Bush Lima, which is a small Carolina (Sieva or Sewee) Bean, nor with the Kummerle or Dreer's Bush Lima, which is a dwarf type of the small, chubby Dreer's or Pota Lima.

The Distinct Character
of BURPEE'S BUSH LIMA, and the fact that it is really a perfect bush form of the
True, Luscious, Large Lima Bean,
has been thoroughly proved by thousands the past three years. Pkt., 10c.; ½ pint, 35c.; pint, 60c.; quart, $1.00.

DREER'S
BUSH LIMA

Dreer's Improved Pole Lima, or, as it is sometimes called, "Potato" Lima, has been grown for years, the beans growing close together in the pods, and being very thick,

SWEET AND SUCCULENT,
and generally considered of finer quality than the Large Pole Lima. The bush form is entirely fixed in its character, growing from one and one-half to two feet in height and of vigorous bush habit. This variety, from its abundant foliage, always succeeds better in a dry than in a wet season, and we would advise, if possible, in planting it, to plant it at least two feet apart and on light, sandy soil, if practicable. (See Cut.) Price, pkt., 10c.; half pint, 35c.; pint, 60c.; quart, $1.00.

HENDERSON'S
BUSH LIMA.

This new Bean has been widely distributed during the past few years, and has made a good record for itself. It is highly esteemed for its delicious quality and it is

The Most Prolific of all
the Bush Limas. The cultivation of it is easy, and no one should without sufficient of the seed to make a good sized patch of it in the garden. Pkt., 5c.; half pint, 15c.; pint, 30c.; quart 50c.
The Dixie Water Melon is characterized by FINE SHAPE, AN EXCEEDingly TIN TOUGH RIND, GREAT PRODUCTIVENESS, ATTRACTIVE COLOR AND EXCELLENT QUALITY.

This Combination of Valuable Features MAKES ABOUT THE IDEAL MELON for MARKET USE and the demand for it is increasing at a rate calculated to give it precedence shortly over every other variety for this purpose.

Per packet, 5c.; oz., 10c.; 2 oz., 15c.; ½ lb., 25c.; 1 lb., $1.00 postpaid.

Improved Ruby Sweet Corn.

It is entirely distinct from other varieties, by reason of the stalks and husks, which are of a

VERY HANDSOME DARK RED COLOR,
giving it an odd and beautiful appearance in growth; the stalks grow from six to seven feet high and bear from two to three good ears. The ears are of large size, completely filled with large, pure white grains, closely packed on the red cob. The corn is of the

MOST DELICIOUS FLAVOR,
and so EXTREMELY SWEET that it is most palatable, even to eat raw in the field; it matures a little earlier than the Stowell’s Evergreen. Its superb quality and large, handsome appearance cannot fail to make it a most desirable sort, both for the market and family garden. We offered the Ruby Sweet Corn several years ago, but it was very difficult to get pure seed. We have now obtained some that is uniform in type and color, and offer it feeling that it will give entire satisfaction, as it is certainly the sweetest corn we know of. Pkt., 5c.; half pint, 10c.; pint 20c.; quart, 35c.

GIANT GOLDEN HEART CELERY.

This variety was originally produced by Robert Purvis, a Chicago market gardener, by selecting the largest and best stalks from the Dwarf Golden Heart. Mr. Purvis has been one of the most successful celery growers for the Chicago market for years, and this stock is considered by our local growers as the

BEST TO GROW FOR WINTER USE.

The stalks are very thick, perfectly solid, and of excellent flavor. Another great point in its favor is, it is the best keeper of any celery grown, always bringing a high price in the latter part of the winter. Price, pkt., 5c.; oz., 25c.; ½ lb., 80c.; 1 lb., $3.00.
IMPROVED CUSHAW SQUASH.

This is the genuine Cushaw of "ye olden times," and is a great favorite among those who have ever grown it on account of its containing many good qualities. Our engraving was made from a photograph of a 35-pound specimen. We have a carefully grown improved stock of seed, and offer it in our Novelty List in order to call especial attention to it.

VERY BEAUTIFUL IN APPEARANCE,
being a distinct mottled green and white striped. The flesh is a rich yellow, solid, fine grained, very sweet and excellent for pies, and equally good for baking. They are hardy, bugs seldom bother them, especially when other varieties are near. Can be grown among corn, same as ordinary pumpkins, and yield a good crop, but the better way is to grow them separately on good, rich soil, in hills 10 to 15 feet apart each way. This variety sells well on market, and should be in the hands of every market gardener. Pkt., 5c.; oz., 10c.; $1/4 lb., 35c.; 1 lb., $1.00.

READ PAGE 2.—We there give full particulars regarding our Premium World's Fair Album.

TILTON'S
White Star Lettuce.

One of the best varieties for forcing or early planting in the open ground. It forms a large, loose head like Black Seeded Simpson, has thick savoyed leaves, which keep it fit for use a long time. It cannot help

SATISFYING THE MOST CRITICAL MARKET TRADE.
Our stock is from the introducer and can be relied upon as true. Per pkt., 5c.; oz., 15c.; 2 oz., 25c.; $1/4 lb., 50c.; 1 lb., $1.75, postpaid.

The Jones' Watermelon.

We are indebted to Mr. Philip S. Jones of Georgia for this splendid melon. The color of the skin is solid green, and the flesh is a very bright red, particularly sweet, juicy and melting. It grows to a large size, frequently attaining the weight of eighty pounds. In shape it resembles Kolb's Gem, and like that variety is one of the best shipping sorts. A car-load of these melons which was sent to Atlanta this past summer attracted a great deal of attention, bringing forth a long article from the Atlanta Constitution, stating they were the finest melons ever seen in Atlanta; and when it is considered that Georgia is called the "home of the watermelon," the force of this statement will be apparent to all. Pkt., 5c.; oz., 10c.; $1/4 lb., 25c.; 1 lb., $1.00.
Parisian Polifc
Pickling Cucumber.

This is a French sort. The fruit is very long, slender, cylindrical, densely covered with fine prickles and deep green in color.

The flesh is very crisp and tender making it one of the best for slicing as well as pickles.

Price, pkt., 5c.; oz., 20c.; ½ lb., 60c.; lb., $2.00.

LONG, BRIGHTEST SCARLET WHITE TIPPED RADISH.

THE HANDSOMEST LONG RADISH GROWN.

A new sort sent out last year, and which we tested and found to be of great merit. It is a long Radish, resembling the Early Long Scarlet in shape and size, extraordinarily early, being fit for use in 25 days after sowing. The most remarkable quality, however, is its color, which is the brightest scarlet we have seen in any Radish, the tails are tipped white. This sort will outsell any other long red Radish that is put in competition with it on the market, and is an extra fine sort for the home garden, the quality being very good. Pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50.

VERY SCARCE THIS SEASON.

ATLANTIC PRIZE.

What has been lacking heretofore in the very early Tomatoes was

SIZE AND SMOOTHNESS.

If you will plant liberally of this variety you will be speedily convinced that the lack no longer exists, for it is as smooth and large as three-fourths of the general crop Tomatoes now offered, and will ripen you a large picking the earliest of any Tomato now known. Our stock is selected with great care.

Per packet, 5c.; oz., 25c.; ¼ lb., $1.00; 1 lb., $3.00.
New Pumpkin—Winter Queen.

This new pumpkin introduced for the first time in our last year’s catalogue is the best one yet found for pies. It is highly spoken of by all who have tried it. No Thanksgiving dinner hereafter will be considered complete without a pie or two made from the Winter Queen Pumpkin.

It is a beautiful yellow or straw color, and very finely and closely netted. It grows uniformly to a diameter of nine or ten inches. As a winter keeper and cooking variety it stands unequalled. Pkt., 5c.; oz., 15c.; ½ lb., 40c.

New Giant White Cucumber.

The introducers’ description is as follows:—We have never seen handsomer cucumbers than those of this very distinct and valuable new variety. The cucumbers are of gigantic size and always of a pure waxy white, from the time they are first set until matured. They grow from twelve to sixteen inches long by two to three inches in diameter, very uniform, straight and perfectly smooth. The flesh is very solid, pure white, with exceptionally few seeds, and is exceedingly crisp, of most superior flavor. As a variety for slicing they will prove very useful, while for exhibition no other cucumber will attract so much attention. We measured a magnificent specimen grown in our trial grounds the past season, nearly seventeen inches long by 3½ inches in diameter, that weighed 6½ lbs.,—so very solid and heavy are the fruits of the Giant White, while the pure waxy white color is extremely attractive. The foliage is large and luxuriant; the fruits are borne near the hill. Price, pkt., 5c.; oz., 20c.

NEW MUSK MELON

“The Banquet.”

This superb melon represents years of careful selection and improvement of a stock of Musk Melon at the hands of the largest and most experienced grower of melons in the world. The raiser classes it as his greatest production and likely to supersede all other red-fleshed melons. “The Banquet” is a medium-sized melon, flat at both ends and more beautifully netted than any other variety. In quality it has no equal, the flesh is uniformly found of that granulated character that always indicates a good melon, the color is a dark rich salmon. The oft-repeated question, “how can I raise good Musk Melons?” can now be answered, “plant the Banquet.” We are safe in saying that it will produce more fine edible melons to a given area than any other variety. Price, pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.
THE PRIZE-TAKER ONION.

No further description of this fine onion is needed than to state that it is identically the same variety as the large, beautiful, straw-colored onions, imported from Spain and offered for sale at the fruit stands in all our large cities every fall. The Prize Taker Onion grows uniform in shape, of a nearly perfect globe, as shown in the illustration, with thin skin of a clean, bright, straw color; it is of immense size, measuring from twelve to sixteen inches in circumference, while under special cultivation specimen bulbs have been raised to weigh from four to six pounds each. It ripens up hard and fine, and presents the handsomest possible appearance in the market, while the pure white flesh is fine-grained, mild, and delicate in flavor.

Per pkt., 5c.; oz., 25c.; ½ lb., 60c.; lb., $2.00.

ALL-HEAD EARLY CABBAGE.

A very desirable Early Summer Cabbage, making large solid heads that keep well and of the very best quality. This variety was sent out by a Philadelphia house, and is very highly endorsed. I consider it worthy of trial by all cabbage growers.

Price, pkt., 5c.; oz., 25c.; ½ lb., $1.00; lb., $3.50.

HOLLAND CABBAGE.

HOLLAND CABBAGE.—This is the cabbage which has been selling at such high prices on the Chicago market for the past three years. It is the hardest heading, finest grained and best keeper of any Cabbage known. The seed is in great demand by our home gardeners.

Pkt., 5c.; oz., 25c.; lb, $4.00.
SHROPSHIRE HERO.—This valuable, new, second early wrinkled pea, like most of our best varieties, is of British origin. It is a robust grower, about 2½ feet high, producing long, handsome and well filled pods in abundance. Flavor exquisite. The pods are similar to Telephone but are much better filled, and it is more profitable for the market or home garden. We recommend it highly. Awarded a first-class certificate by the Royal Horticultural Society in England. Price, pkt., 5c; pint, 30c.; quart, 50c.

NEW PEA "HEROINE."—A new pea of great merit. It is a medium early, green wrinkled pea, and grows very uniformly about two and one-half feet high, bearing a profusion of large, long, pointed pods, containing from eight to nine large peas of the finest quality. Pkt., 5c.; pint, 30c.; quart, 50c.

LIVINGSTON'S PIE SQUASH.

This Squash has been selected and improved until it is now one of the most delicious squashes for making pies of any variety grown. It is very productive and a splendid keeper, and we can highly recommend it to all. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., $1.00.
S. F. LEONARD, CHICAGO, VEGETABLE SPECIALTIES.

KANSAS STOCK MELON.

This Melon is grown extensively in Western Kansas and Eastern Colorado. It belongs to the citrines and can be only used for preserves or stock food. It is immensely productive. The melons grow to a large size, some of them weighing as high as 90 or 70 pounds. The flesh is firm and solid, with very few seeds. The melons will keep all winter and can be fed to stock same as beets and turnips. They grow on any kind of soil and in dry climates.

KANSAS STATE AGRICULTURAL COLLEGE states as follows: Farmers who do not use ensilage, and who will not undertake the trouble and expense of raising roots, can raise a good stock of stock melons at little expense, which, fed along with hay and corn fodder, will make the ration more palatable and result in sharpened appetite, greater consumption, and as a consequence better returns in meat and milk. Forty tons per acre is not too much to expect in a moderately good season, and under favorable circumstances sixty tons per acre ought to be produced.

Pkt., 5c; oz., 10c; ½ lb., 30c; lb., $1.00.

It costs just as much to grow a poor crop as a good one, and to have a good crop the seed is of the first importance. Without good seed you cannot grow good vegetables. It will pay you to buy Leonard’s Seeds. Send us a trial order and prove it.

WINTER PINEAPPLE MUSK-MELON.

A highly recommended and distinct variety. It originated in California from seed brought from the Sandwich Islands.

The vine is a strong and healthy grower, thriving in any good soil, and bears abundantly. The melons grow uniform in size, weighing from 9 to 11 pounds each. They are very thick meated. The outer skin is a light green color, gradually suffused with rich yellow, as the melons are ripening, and instead of being netted like other melons, is deeply corrugated. The melons have a rich, spicy, pineapple flavor, flesh light green, firm and juicy. This melon is a remarkable keeper; if picked off the vine before ripening they may be kept for several months in a dry room or cellar where there is no danger from freezing. When wanted for use bring them out into a warm room where they will ripen up and be ready to eat in a few days.

Pkt., 5c; oz., 15c.

TESTIMONIALS FROM MARKET GARDENERS.

"For 8 years I have depended on you for my seeds and have always been satisfied."—Aug. Erickson, Bowmanville, Ill.

"I have bought my seeds from you since 1885 and will do the same in 1893."—Jno. Thorsen, Forrest Glen, Ill.

"Leonard’s seeds are good enough for me. I say this after eight years of success with them."—Garrett Stob, Mendel, Ill.

WHITE GEM WATER-MELON.

The vines are of very luxurious growth. It is enormously productive and probably sets more fruit to the acre than any other melon in cultivation. The melons are of nice size for general use, and round in shape, weighing from 15 to 20 pounds. The flesh is a beautiful bright pink, very rich and crisp. It is considered one of the sweetest melons grown.

Pkt., 5c; oz., 15c.

RUBY GOLD.

This splendid new melon is a hybrid seedling of the famous “Green and Gold” Water-melon which was introduced in 1888. It excels in beauty and quality all other varieties. The flesh is distinctly marked, alternating yellow and red. The markings vary, in some specimens the yellow predominating, and in other the red. The “Ruby Gold” average from 40 to 50 pounds in weight and is considered by the best authorities to be the juciest and finest flavored water-melon ever raised in Georgia.

Pkt., 5c; oz., 15c; ½ lb., 30c; lb., $1.00.

25 LBS.
THE FAULTLESS CABBAGE.

"Give Me What You Think The Best." Hundreds of times each day during our busy season the above request is made; it of course implies two things, first that we are supposed to know what is best, and second, that we may be depended upon to give it.

In all such cases during the season of 1894, where a SECOND EARLY CABBAGE is in question, we shall give the Faultless. We find it to be the earliest flat headed cabbage grown. Earlier than the "Early Summer," finer grained and more true to type. Heads are firm and of large size; outer leaves few. Altogether a faultless cabbage. Pkt., 5c.; oz., 20c.; ½ lb., $1.00; lb., $3.50.

We tested this cabbage with fifty other varieties during the 1899 season, and when looking them over with Mr. L. A. Budlong—who is the largest market gardener in the West—he picked out the Faultless in preference to all the others, and made an order on the spot for as much of the seed as we could spare him. Mr. Budlong uses an immense quantity of cabbages for Saur Kraut, besides growing them for the market, and his experience of 80 years in this line makes his judgment very valuable. Many others of our market gardener customers have tested the Faultless Cabbage during the past 3 years, and so far as we know every one of them think it the best cabbage they ever tried.

LEONARD'S EXTRA EARLY EGYPTIAN.

This is a specially selected strain; about one week earlier than the ordinary. It has been tried the past 3 years by our market gardeners, and now they will have no other. The beets grow very uniform as to size. The shape is perfect, and the color exceedingly dark. We have but a limited supply of seed. Pkt., 5c.; ½ lb., 50c.; lb., $1.50.

J. A. Budlong, one of the first market gardeners of Chicago, says: "Your new strain of Egyptian Beet is the best thing I have struck for early market in many years."

Henry Bruns, another old-time gardener, says: "Your new Egyptian Beet made me much money last year, and I will want a good deal of it for 1894." Hosts of other practical money making gardeners might be quoted all to the same purpose, but space will not permit it.

Leonard's Extra Early Egyptian Beet is one that makes money for a market gardener—that is to say, it sells well. When anything in the vegetable line sells well it is either of better quality than others like it or else it matures before the market is glutted with the same kind of vegetable. This Beet combines both of above characteristics, it is the best of all in quality, and in earliness is several days in advance of any other. Everybody wants the best and in the opinion of all who have tried it this is the best early beet grown.

LETTUCE BLONDE BLOCKHEAD.

A fine new variety of Cabbage Lettuce; exceedingly brittle, crisp and buttery. It forms a hard compact head of a rich golden yellow color. It withstands the summer heat and is slow to run to seed. It keeps well after being cut and can be shipped a considerable distance satisfactorily. Owing to its handsome appearance it is a good seller. It will pay market gardeners to try this and we recommend it to all our customers. Pkt., 5c.; oz., 20c.; ½ lb., 50c.; lb., $2.00.
New Extra Early Refugee Bean.

The old Refugee Bean is so well and favorably known that this new variety will be quickly appreciated. It is similar in every respect to the ordinary Refugee, but is nearly two weeks earlier. It is

ENORMOUSLY PROLIFIC,

and from its earliness is almost certain to produce a crop, no matter how unfavorable the season. The Extra Early Refugee is rapidly becoming the favorite sort with Southern truckers and planters, as it matures equally early with the Red Valentine, and has that beautiful silvery green color in the pods that is so much desired. In quality it is unexcelled, being free from string and meltingly tender at all stages of its growth. Our stock of this variety has been specially selected and improved, and we recommend all to give it a trial. Price, pkt., 5c.; half pint, 15c.; pint, 25c.; quart, 40c.

Please remember that all prices of Seeds by the packet, ounce, pound, pint and quart, are delivered free at your address.

DENVER MARKET LETTUCE.

This new variety of head lettuce is very fine. It originated with a market gardener of Denver, Colo. We are enabled this season to offer a limited amount of it to our customers. It is an early Head Lettuce either for forcing or open ground. The heads are large and very solid, of a fine light green color. It differs in appearance from any other lettuce now in cultivation by the leaves being blistered (like Savoy Cabbage). It is very tender and crisp, and a fine flavor. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., $1.50.

DELMONICO MUSK-MELON.

The Delmonico is one of the very best of the new musk-melons. It is an oval-shaped melon, very thick meated. It is heavily netted and a good size. The flesh is a deep orange color, and very sweet and delicious. We offer it to our customers with the assurance that it is a first-class melon. Pkt., 5c.; oz., 10c.

NETTED GEM. (Golden Gem, or Golden Jenny).

The illustration, engraved from one of the melons, shows their shape, which is almost a perfect globe. They grow remarkably uniform, weighing from 1½ to 2½ lbs. each. They are thick-meat ed, the flesh is light green in color, and uniformly of fine luscious flavor; skin green, regularlyribbed and thickly netted. Very prolific and extra early in ripening—no variety being earlier. It is to-day more largely grown for our Chicago markets than any other variety. Crop of seed is very short this year. Per pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 60c.

HUNGARIAN HONEY WATER-MELON.

This excellent variety was brought from Hungary in 1884. It is nearly globe in shape; color of skin is a medium dark green, with dim waterings of a darker green. The flesh is of a brilliant red color and entirely stringless, in sweetness unsurpassed by any known variety, and holds its delicious honey flavor clear to the rind; they ripen early, and the vines are healthy and very productive. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.

GRAND RAPIDS FORCING.

This very fine new forcing Lettuce has been raised near Grand Rapids, Mich., for some years by a few market gardeners, but the seed has been guarded so completely by those that had a true strain that it has been impossible to obtain it. This season we offer a limited quantity of the true stock direct from the originator. It is a lettuce similar to the Black Seeded Simpson, but far superior in every respect. It doesn’t grow quite as fast as the Simpson, but it will stand more neglect in the way of watering and ventilation, will grow more weight on the same ground, and will stand longer after maturing. It is very handsome in appearance, a robust grower, and very brittle and tender. It is without a doubt the best forcing lettuce known. Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., $1.25.
## PRICES OF SEEDS IN BULK

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*Present Prices of Onion Sets Subject to Market Changes.*

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**Cucumbers—Nichols’ Medium Green**
- Westfield Chicago Pickle...
- Early White...
- Evergreen Extra Long White Spine...
- London Green...

**Melon (pink) Early Netting**
- Early Chile...
- Extra Early Hackensack...
- Montreal Netting...

**Melon (water) The Yolke**
- Gurney’s Triumph...
- Black Spanish...
- Long Island, or Ice Bomb...
- Early Sugar...
- Prince’s Early Oval...
- Johnson’s Christmas...
- Cuban Queen...
- Florida Favorite...
- Grayswold...
- Green and Gold...
- Snowdon...
- Kentucky Wonder...

**Oxton—Extra Early Point**
- Early Red Globe...
- Early Red...
- Early Red Wethersfield...
- Giant Red...
- Yellow Globe...
- Yellow Dutch...
- Southport Yellow...
- Large White Globe...
- White Portland...
- Leonard’s New York...
- Chicago Silver Skin...
- White Italian...
- New Green...
- Hardened White Dutch...
- Mammoth Sugar...
- Giant Red Rocce...
- Mammoth Purple, or Copper King...
- Spanish King...
- White Fish...
- Vick’s Scarlet Glove...
- White Turnip...
- Scarlet Taker...
- Bermuda...
- Barbeletta...

**Pumpkin—Common Field**
- Tennessee Sweet Potato...
- Large Cheese...
- Mammoth Potiron...

**Radish—Early Carmine Turnip**
- Early Red Scarlet Turnip...
- Early Deep Scarlet Turnip...
- Leonard’s Early Leaf...
- Leonard’s Market Garden...
- White Tipped Scarlet Turnip...
- Vick’s Scarlet Glow...
- White Turnip...
- Scarlet Turnip...
- French Breakfast...
- Scarlet Olive...
- Red Turnip...
- Charrioles...
- Long Scarlet...
- Wood’s Early Frame...
- Spanish...
- Giant White Stuttgart...
- China Rose Winter...
- California Mammoth Winter...
- Black Spanish Round Winter...
- Long...

**Spinach—Large Round Thick Leaved**
- Large Leaf...
- Saroy Leaved...
- Prickley, or Whisk...
- Snowball...
- Red Top Leaf...
- Purple Top White Globe...
- Yellow Aberdeen...
- White Egg...
- Improved American Rota Baja...
-arter’s Imperial Hybrid...
- Skirving’s Purple Top...
- Long White Herb...
- Sweet German...
- Laing’s Improved...
Asparagus.}

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Leonard’s Seeds

OUR TRADE MARK

Now known to mean: The best that ripe experience and judicious care can produce.

DISCOUNT ON SEEDS IN PACKETS.

On all orders for Seeds in Packets, the purchaser may select 25 cents’ worth extra for each $1.00 sent us. This discount applies only on seeds in Packets, and cannot be allowed on seeds by weight or measure, collections, bulbs or plants.

Artichoke.

Easily grown, and from the delicate flavor of its flower heads, should be more generally cultivated.

Large Green Globe.—The standard variety. Pkt., 5c.; ½ lb., 30c.

Jerusalem.—Is entirely different from the True or Globe Artichoke, being grown exclusively for its tubers, which somewhat resemble potatoes, and are cultivated in a similar manner, only that the rows should be at least four feet apart when grown in strong soils. It is enormously productive, producing 1,500 bushels per acre. It is used mostly in feeding sheep and hogs. In some parts of the southern states the tops are cut and dried as hay. Pkt., 5c.; bu., $1.00. Purchaser to pay express or freight.

Asparagus.

Conover’s Colossal.—The standard variety, tender, early, productive. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., 50c.

Palmetto.—Much larger, a better yields, and more even and regular in its growth than Conover’s Colossal. We advise growers of Asparagus to try this variety. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.00.

Asparagus Plants—Colossal.—Two-year-old roots, by express, at expense of purchaser, per 100, $1.00; $5.00 per 1,000; one-year-old roots, per 100, 60c.; per 1,000, $3.00.

Palmetto.—Two-year-old plants; per 100, $1.25; per 1,000, $10.00; one-year-old plants, per 100, $1.00. Purchaser to pay express or freight.

Early Yellow Six Weeks Beans

Improved Round Pod.

While this variety does not differ from the Early Yellow Kidney Six Weeks in size or general appearance of the vine, the pods are shorter, very much thicker, more fleshy, less stringy, and remain in condition for use a much longer time. Moreover it is fully one week earlier than ordinary Six Weeks, while retaining all the vigor, hardiness and prolificness of that variety. Dry bean, color of ordinary Six Weeks, but is much shorter—almost round. Those who have objected to the ordinary Yellow Six Weeks, owing to the pods becoming tough and stringy so quickly, will find this sort less objectionable in that regard, while its extreme earliness makes it more desirable for early market use. Pkt., 5c.; ½ pt., 15c.; pt., 20c.; qt., 30c.

Yellow Six Weeks Improved Round Pod.

Note particulars about World’s Fair Album on page 2.

Yosemite Mammoth Wax Beans

A new Wax Bush Bean of enormous size, the pods frequently attaining a length of ten to fourteen inches, with the thickness of a man’s finger, and are nearly all solid pulp. The pods are a rich golden color and are absolutely stringless, cooking tender and delicious. To do it justice, the Yosemite should be planted at least one-half wider than ordinary bush beans. Pkt., 5c.; ½ pt., 10c.; pt., 20c.; qt., 40c.

Yosemite Mammoth Wax Beans.
**BEANS.** (Dwarf or Bush.)

**ALL THE BEST NOVELTIES AND STANDARD MARKET SORTS.**

**Early Mohawk.**—An excellent early variety, very productive and of good quality. Pkt. 5c.; qt., 35c.

**Early Red Valentine.**—Early, productive, tender, succulent, and of excellent flavor. Continues longer in the green state than most of the varieties. Pkt. 5c.; qt., 35c.

**Leonard's Extra Early Improved Valentine.**—An improvement on Early Red Valentine, being ten days earlier and more prolific, yet retaining the distinctive good points of the old variety. Vines are strong and sturdy, yielding large, well filled pods which when young make a good string bean. Pkt. 5c.; qt., 35c.

**Long Yellow Six Weeks.**—Early and prolific; an excellent variety for general crop. Green pod. Pkt. 5c.; qt., 35c.

**Refugee or 1,000 to 1.**—Abundant bearer. Good for pickling. Green pod. Pkt. 5c.; qt., 35c.

**White Marrow.**—Extensively grown for sale as a dry bean for winter use. Excellent shelled, either green or dry. Pkt. 5c.; qt., 35c.

**Best of All Bean.**—The most popular, and is grown in the greatest quantity of any bean South, particularly in the vicinity of New Orleans. Pods long, very fleshy, succulent, stringless, and of rich flavor. Are produced early and abundantly. Dry beans of good size, and prove excellent for winter shell beans. For family use, home market or shipping, it is unsurpassed. Pkt. 5c.; qt., 35c.; qr., 40c.

**Golden Refugee.**—This new bean is an improvement on the old Refugee; the pod being much lighter color and more waxy. Seed is distinct in appearance, being of a golden brown color, speckled dark brown. Pkt. 5c.; qt., 35c.

**Golden Wax.**—One of the most valuable acquisitions made in late years to our list of bush beans. It is an entirely distinct variety, a week or ten days earlier than the Dwarf Black Wax, the pods are large, long and brittle, and entirely stringless. As a Snap Bean it excels all others in richness of flavor and tenderness, and has the further merit of being one of the best Shell Beans grown for winter use. Pkt. 5c.; qt., 40c.

**Black Wax or Butter.**—The pods, when ripe, are of a purplish-transparent; very tender and delicious. An excellent variety. Pkt. 5c.; qt., 40c.

**White Wax.**—One of the best for family use. Stringless, waxy, yellow pods; very brittle, tender and of delicious flavor. Pkt. 5c.; qt., 40c.

**Ivory Pod Wax.**—One of the most prolific and earliest of the wax varieties. Pkt. 5c.; qt., 40c.

**Wardwell's Dwarf Kidney Wax Bean.**— Hardy and productive. Pods long, round, and of a delicate wax-yellow, brittle, and entirely stringless. The yield considerably exceeds that of the common Golden Wax, and is equally early. Pkt. 5c.; pt., 30c.; qt., 40c.

**Leonard's Yellow Eye Wax.**

Leonard's Yellow Eye Wax.—Introduced by us in 1888, and proved to be the best Wax Bean now known. It is earlier, more productive and better adapted for market use than the Golden Wax. The vines are strong and branching, holding the pods well off the ground. The pods are brittle, succulent and of a beautiful golden yellow color. Absolutely rust proof. Pkt. 5c.; qt., 40c.

**Detroit Wax.**—The handsomest and hardest of all the wax beans. Pkt. 5c.; qt., 35c.

**Date Wax.**—(New.)—Very early; long yellow pods. Pkt. 10c.; qt., 50c.

**Black-Eyed Wax.**—A cross between Black Wax and Golden Wax. Earlier than either one, and of much better quality, being wonderfully brittle, perfectly stringless and of fine flavor. Pods like Black Wax; seed white, black around the eye. Pkt. 5c.; pt., 30c.; qt., 40c.

**Flagstaff Wax.**—Early; similar to Black Wax. Exempt from rust. Pods long, tender, delicious. Exceedingly productive. Valuable for kitchen, garden and market. Pkt. 5c.; pt., 30c.; qt., 50c.

**White Wonder.**—This new field bean is an immense cropper. The pods are large, beans medium size and pure white. It is highly recommended as a paying Shell Bean to grow for market and for winter use. No other excels it. Pkt. 5c.; pt., 30c.; qt., 50c.

**Boston Small Pea Bean.**—It is very early, very hardy and very productive. The ripened seed is small, round and handsome, being an exact duplicate of the Northern Small Pea Bean, which sells in the Boston market at 35c. to 40c. per bushel above the ordinary varieties of Pea Beans and Mungo. Pkt. 5c.; qt., 35c.

**Burlingame's Medium.**—A very productive, early and profitable variety for field culture. Pkt. 5c.; qt., 35c.

**White Pea Bean.**—The New England Baked Bean variety. Pkt. 5c., pt. 30c.; qt., 35c.

**Prolific Tree Bean.**—A new field variety. Under good culture an enormous cropper. Grows from eighteen to twenty inches high, of spreading habit, with stiff, upright branches, holding the pods up off the ground, enabling it to stand a wet spell without injury to the crop. They have yielded, on small plots of ground, at the rate of over one hundred bushels to the acre. They resemble the common Navy Bean, more rounded at the ends, and very white, cooking in less time and of fine flavor. Pkt. 5c.; qt., 40c.

**Wardell's Dwarf Kidney Wax Beans.**
BEANS. Pole or Running.

New Jersey Extra Early Lima Bean.—Two years careful, comparative tests by several of our most prominent Lima Bean growers, has proved this selection to be fully 10 days or two weeks earlier than any other. The pods are large and numerous, invariable having from 2 to 3 beans of a pleasant shade of green in each pod. We advise all our customers who want a "profitable thing" in Lima Beans, to plant this sort largely. Pkt., 5c; pt., 3c; qt., 50c.

Deer's Improved Lima.—Earlier and more prolific than Large Lima, succeeds in shorter season; beans smaller, but of extra quality. Pkt., 5c; qt., 45c.

Large White Lima.—A large, late bean, with broad, rough pods; and although late, is surpassed in quality by no other variety. This is the standard old sort. Per pkt., 5c; qt., 30c.

King of the Garden Lima.—A vigorous grower, bearing profusely, large pods, varying in length from five to eight inches. The beans are large and of rich flavor. As the vines grow luxuriously, Two are sufficient to each pole. When not too closely planted they set beans early, and continue bearing until killed by frost. Per pkt., 5c; qt., 30c.

Early Dutch Case Knife.—Very early and prolific; fine shelled, green or dry. Per pkt., 5c; qt., 30c.

Botanical Cranberry.—One of the best for family use. The pods are very tender and of fine quality. Per pkt., 5c; qt., 45c.

White Creasback.—In Louisiana where this variety has been cultivated for many years, it is one of the most popular kinds. It is a most excellent variety; a good grower and exceedingly productive. Pkt., 5c; qt., 50c.

Scarlet Runner.—The most productive of all the Kidney Beans, and although cultivated chiefly for the beauty of its flowers, it is also a valuable esculent. Pkt., 5c; qt., 50c.

Early Golden Cluster Wax Pole Bean.

This is certainly a most distinct variety, and from what we have seen and can learn, it certainly in earliness, leads all other pole varieties—in fact, it is only about a week later than the Golden Wax Bush Bean, which, as all know, is an early variety. The EARLY GOLDEN CLUSTER begins to bear early in July, and continues until frost. The pods are from six to eight inches long, and are borne in clusters of from three to six, and are most freely produced. The pods are a beautiful golden yellow color, and the flavor is most delicious. This variety can be used either shelled or as a string bean. The crop is a very short one, and consequently the price is as high as last season. 10¢ cut) Pkt., 10c; pt., 35c; qt., 50c.

Lazy Wife's Pole Beans.

This new pole bean has become immensely popular throughout the entire country. We presume it derived its name, which seems to us rather conspicuous, from its immense productiveness, making it very easy to gather a dish, and from the ease with which they are cooked. The pods, of a medium dark green color, are produced in great abundance, and measure from 4½ to 6 inches in length, they are broad, thick, very fleshy and entirely stringless. The pods retain their rich tender and stringless quality until nearly ripe, and at all stages unsavored for soup short or being peculiarly delicious. Each pod contains from six to eight round, white beans, which make excellent winter shell beans. The plants stick well to the pole or trellis and have proved popular with vine and large clusters of handsome pods. They have also yielded well planted among corn. Most highly recommended. Pkt., 10c; pint, 30c; quart, 55c.

Washington Market Lima.

We introduced this New Lima Bean in 1890 on the recommendation of one of our largest bean growers. We sold it in quarts and pecks to the Chicago gardeners who grow pole beans for market, and by the packet and half pint to many of our customers in all parts of the country. The general verdict of our market gardeners, warrants us in claiming a first place for this bean as regards productiveness and money bringing, while reports from the kitchen gardens of our country customers show it fully equal to any other in quality.

It first came to notice three years ago on a stand in Washington Market, N.Y. The pods were so uniformly large as to be striking. Inquiry developed the fact that they were a special stock grown by a party in Maryland who for a long period had been supplying the early market. The party was called upon and finally induced to part with 200 quarts of stock seed at $1.00 per quart. Our grower planted these 100 quarts and they produced 175 bushels of fully matured beans—a remarkable showing for a Lima.

We want every one who receives this Catalogue to try a packet or more of the Washington Market Lima, because it will pay them. Pkt., 5c; pt., 50c; qt., 10c.

PINTS on all Beans will be furnished at one-half the quart rates and HALF PINTS of any variety, 15 cents.
BEETS. For the Table.

Please note that our prices are for Seeds postpaid by mail. 25c. if ordered by express or freight at purchaser's expense, 10c. per pound may be deducted.

Leonard's Extra Early Egyptian.—This is a specially selected strain: about one week earlier than the ordinary. It has been tried the past 3 years by our best gardeners, and now they will have no other. The seeds grow very uniform in size and shape, and the color exceedingly dark. We have a limited supply of seed. Pkt., 50c.; 10c. lb.; 5c. lb.; $3.50.

Early Egyptian Blood Turnip.—The earliest beet in cultivation and one of the leading market sorts. Color very deep red. Of excellent quality. (See cut.) Pkt., 50c.; 10c. lb.; 5c. lb.; 25c.

Eclipse.—A very early, smooth, dark, globe-shaped beet, with small top; in earliness and quality it excels by none; a good crop, we can recommend it highly for market and family use. Pkt., 50c.; oz. 10c.; 5c. lb.; 25c.

Egyptian Beet.—The standard early sort; an excellent variety. Pkt., 50c.; oz., 10c.; lb., 5c.; 25c.

Bastian's Blood Turnip.—After the Egyptian Turnip probably the earliest variety of Beet. Is of blood red color when boiled. Pkt., 50c.; oz., 10c.; 5c. lb., 25c.

Early Blood Turnip.—The standard early sort; an excellent variety. Pkt., 50c.; oz., 10c.; lb., 5c.; 25c.

Bastian's Improved Blood Turnip.—Roots deep blood red, of fine form and flavor. Very excellent market variety. Pkt., 50c.; oz., 10c. lb., 5c.; 25c.


Swiss Chard, Silver or Sea-Kale Beet.—This variety is cultivated solely for its leaves. The midrib is stowed and served as Asparagus, the other portions of the leaf being used as Spinach. If often cut, new and more tender leaves will be produced. Pkt., 50c.; oz., 10c.; 5c.; 25c.

BEETS. For Stock. (Mangel Wurzel and Sugar Varieties).

No root crop is a better paying investment for farmers to grow, than Mangel-Wurzel. We annually sell thousands of pounds of our superior strains. Sow in drills twenty-four inches apart, and nine inch rows; sow when ground is warm and moist. Does not require much moisture, and needs up well in dry weather. A New Model Seed Drill will plant one acre in an hour. It will pay a farmer to plant an acre, as the yield is enormous. They keep well and do cattle much good, as a change in food always does.

Leonard's Improved Mammoth Long Red. This is a carefully selected strain of Long Red Mangel. It grows to an immense size and is an abundant cropper—at the Illinois State Fair, four years ago, we captured the Blue ribbon on this variety—the three Roots exhibited, when cut up, filled a bushel basket, with lots to spare—a yield 1,000 bushels per acre is common—we plant all stock raisers to this mangel a trial. Oz., 5c.; lb., 85c.; 10l. by express, at expense of purchasers, $3.50.

Long Red Mangel Wurzel.—An excellent variety for feeding stock. A heavy cropper in deep soil. Oz., 5c.; 1lb., 10c.; 15c., 40c.

Mangel-Wurzel.—Long Red Mangel-Wurzel.—One of the largest and most profitable varieties grown for agricultural purposes. Oz., 5c.; lb., 15c.; 10c.

White Sugar Beet.—A very heavy cropper, highly recommended for feeding purposes. Oz., 5c.; lb., 15c.; 10c.

Imperial Sugar Beet.—One of the most nutritious varieties for feeding cattle. Oz., 5c.; 1lb., 15c.; 10c.

Yellow Globe Mangel-Wurzel.—Roots of large size and globular in form; very productive; keeps better than the Long Red, and is better adapted for shallow soils. (See cut.) Oz., 5c.; 1lb., 15c.; 10c.

Orange Globe.—Sent out by a celebrated London house as the best of this class; very nutritious, large and productive. Excellent keeper. Oz., 5c.; 1lb., 15c.; 10c.; 40c.

Golden Tankard.—A distinct novelty; skin and flesh deep rich yellow, cored with white, shape almost cylindrical. Hardy and very productive. It is considered unequalled for feeding by English dairy farmers. Oz., 5c.; 1lb., 15c.; 10c.

Yellow Leviathan.—In this we have a fine new variety of Mangel. It is uniformly well shaped and very large, being the most productive of all the yellow sorts. It grows half out of the ground and is easily harased. Yet it never becomes woody. The white flesh is very tender and delicious. When we say the best of all, we mean the best of all yellow skinned field beets. Oz., 10c.; 1lb.; 25c.; 10c., 75c.

Brussels Sprouts.

Tail French.—Very fine. Pkt., 5c.; oz., 15c.; 14 lb., 60c.; lb., $2.00.

Dwarf Improved.—A variety producing compact sprouts of excellent quality. Pkt., 5c.; oz., 15c.; lb., $1.50.

Broccoli.

White Cape.—Heads medium size, close, compact, and of creamy white color. One of the most certain to head. Pkt., 10c.; oz., 40c.; lb., $1.50.

Purple Cape.—Differs only in color. Pkt., 10c.; oz., 50c.; 1lb., 85c.
CARROTS.

In comparing our prices, please remember that we send the seeds postpaid, by mail. If ordered—

by express, add 10 cts. per pound.

Early French Foreging.—The earliest variety; valuable for forcing root small and of fine flavor. (See cut.) Pkt. 5c.; oz., 10c.; lb., 50c.; 25c.; lb., $1.00.

Early Scarlet Horn.—An old and favorite sort, much esteemed for early summer. Pkt. 5c.; oz., 15c.; lb., 50c.; 25c.; lb., $1.00.

Half Long, Stump Rooted Xantes.—The best sort to bunch for market. Pkt. 5c.; oz., 10c.; lb., 25c.; lb., $1.00.

Chantenay.—In the Chantenay we have another new, choice French Carrot. It is of a rich, dark orange color, and in shape is very symmetrical. The stock has been so well bred that the carrots have attained to such a uniformity in shape that they are almost duplicates of each other. In earliness it makes intermediate between the Danvers and the Short Horn. It is of the style of the Danvers, but finer and more symmetrical, and therefore better as a market carrot for the table. Pkt. 5c.; oz., 10c.; lb., 25c.; lb., $1.00.

Dansen.—A valuable sort, in form midway between the Long Orange and Early Short Horn carrots. In color it is of a rich shade of orange, growing very smooth and handsome. It is claimed that this variety will yield the greatest weight of stock, and a greater length of root of any new growth. Under the best cultivation it has yielded from twenty-five to thirty tons per acre. Pkt. 5c.; oz., 10c.; lb., 25c.; lb., $1.00.

Long Orange, Improved.—Roots of large size, equally adapted for garden or farm culture. Pkt. 5c.; oz., 10c.; lb., 25c.; lb., $1.00.

Saint Valery or New Intermediate.—A large, beautiful carrot, of a rich, deep, orange-red color, intermediate in shape between the Half-long, and long Orange carrots. The root is especially fine in light, rich soils, deeply plowed. Pkt. 5c.; oz., 10c.; lb., 25c.; lb., $1.00.

Altrington.—This carrot is an immense and sure yielder. Roots are long and large, a fine crop, of good flavor and superior quality. Pkt. 5c.; oz., 10c.; lb., 25c.; lb., $1.00.

Large White Belgian.—A very productive kind, grown almost exclusively for stock; grows one third out of the ground; lower part of root white; that above ground green. Pkt. 5c.; oz., 10c.; lb., 25c.; lb., 50c.

Large Yellow Belgian.—Similar to the white except in color; grows partly out of the ground; the best for late keeping. Pkt. 5c.; oz., 10c.; lb., 25c.; lb., 50c.

Large White Scotch.—This is a field variety, especially suitable for soils that are not very deep. Very productive, easily pulled and keeps well; both the skin and flesh are white. Pkt. 5c.; oz., 10c.; lb., 25c.; lb., $1.00.

Guernand or Ox Heart Carrot.—A desirable new carrot. In length, intermediate between Short Horn and Chantenay; much thicker than either, and carries its thickness well down towards the bottom. In color as dark as Chantenay; an immense cropper, early harvested, requiring no digging, while its handsome appearance and excellent table qualities make it valuable for either the market or home garden. Pkt. 5c.; oz., 10c.; lb., 25c.; lb., $1.00.

Carrot.—A popular sort, good for early or late crops. Pkt. 5c.; oz., 10c.; lb., 25c.; lb., $1.00.

Lenormand's Short Stem Mammoth.—Large, fine. Pkt. 10c.; oz., 25c.; lb., 50c.

Autumn Giant.—Heads large, compact and very white. Pkt. 10c.; oz., 25c.; lb., $1.00.

Late Giant Italian.—Large, robust sort, suitable for cold climate. Pkt. 10c.; oz., 25c.; lb., $2.50.

Algiers.—A favorite late market variety, producing immense heads of excellent quality. Pkt. 10c.; oz., 25c.; lb., $1.00.

R. Baker of Englewood probably as successful a cauliflower grower as any in the country. Year special strain of Erfurt has given me satisfaction for the past four years, as my orders will show, and once again you may book me for the usual amount. We have very many other testimonials, but lack of space prevents us from using them.

Pkt. 35c.; oz., 75c.; lb., $1.00; 2/ oz., 75c.; lb., $2.00.

Extra Early Dwarf Erfurt (Extra Selected).—Remarkable for reliability in heading; scarcely a plant fails to produce a good head. Very dwarf, with solid, pure white heads of superior quality. If planted the first of March, heads nine to twelve inches in diameter will be ready early in June, in which month the entire crop can be marketed. Pkt. 5c.; oz., 10c.; lb., 25c.; lb., $1.00; 2/ oz., 75c.; lb., $2.50.

Early Snow Ball.—Henderson's stock, new, in his sealed packages. Undoubtedly one of the best early sorts. Pkt. 10c.; oz., 25c.; lb., $1.00; oz., 75c.; lb., $2.00.

Half Early Paris.—A popular sort, good for early or late crops. Pkt. 10c.; oz., 25c.; lb., $2.00.

Late Winter.—A splendid sort, heavy and of good quality. Pkt. 10c.; oz., 25c.; lb., $2.00.

I have planted Lenormand's seeds almost exclusively for the past six years and they have always given entire satisfaction. I have been gardening for over thirty years and have had dealings with nearly every other seedsmen in the country and feel free to state that this far I have received from you more honest service in all particulars than from any other seedsmen.

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LEONARD'S CABBAGE SEED

For good Cabbage Seed, Leonard's Seed Store is considered headquarters by the Chicago Cabbage-growers, and the amount of Cabbage Seed which we sell to them alone is unsurpassed by any other house in the West. Our strains of Early Jersey Wakefield, Early summer, Fottler's Brunswick (blue strain), Luxemburg and Bridgeport Drumhead, stand preeminently at the head in the estimation of our local growers, and when it is known that the garden district around Chicago grows and ships more cabbage than any other in the United States, it will readily be seen that their estimation must be worthy of consideration. One grower shipped over four hundred car loads of cabbage in one season.

EXTRA EARLY EXPRESS

Early Jersey Wakefield.

Early York.—One of the earliest varieties, with large and solid heads. For per ct. 5¢ oz. 1/4 lb. 50¢ lb. $1.00.

Large Early York.—Larger and later on south. For per ct. 5¢ oz. 1/4 lb. 50¢ lb. $1.00.

Fottler's Brunswick.—Early Drumhead of large size, ready for market in three to four weeks earlier than the Bridgeport Drumhead. It forms a medium large, solid head, which stands shipping perfectly. One great point of merit in this cabbage is that it will stand longer without bursting after it is ready for the market than any cabbage we have. It has a very short, solid stem, and sets close to the ground. The outer leaves have a marked ting of blue and can easily be detached. It resembles Fottler's Brunswick. Hence the name, Blue Fottler. In quality, it is equal to any winter cabbage grown. I print here a few testimonials of the largest growers here, which are only a few of the many we receive. I can fully recommend it to large growers, market gardeners, and to all who desire a fine cabbage. For per ct. 5¢ oz. 1/4 lb. $1.00 lb. $3.00.

The Blue Fottler's Brunswick cabbage seed I bought of you was the best crop of cabbage I ever raised. Please save me one pound of the seed for next season.

H. Baker, Union Stock Yards, Chicago.

Your Blue Fottler's Cabbage I consider to be the best strain of Fottler to be had for the Chicago market. I have tried many kinds, but yours is the best to hand, and I trust in the future will do me the same good. JOHN STOKES, Crawford, III.

The Blue Fottler's Cabbage I bought of you was the best cabbage I ever planted, there being no soft or split heads among the lot, and every plant made a good head.


Extra Early Express.—This new cabbage has become very popular as a first early sort with the Chicago market gardeners. It has been tried by many of them for the past four years, and they report it to be ten days earlier than the Jersey, Wakefield, besides possessing every other good point of the Wakefield, with the possible exception of size. It has few outer leaves, and can therefore be planted very close. A market gardener can get more heads to the acre of good solid sized cabbages with this than any other early kind, and as each head means so much money, the more there are of them the better. It is a money-making cabbage for marketing, and those who want cabbages early in the season should not fail to plant it. Everyone who is set up has a good kitchen garden, and no garden can be real good unless you plant the most profitable kinds. It will pay you to try the Express cabbage. For per ct. 5¢ oz. 1/4 lb. 50¢ lb. $1.00.

Early Jersey Wakefield.—One of the early varieties; solid, medium size, somewhat conical, but sometimes nearly round. A desirable sort for early marketing. Heads small, rather heart-shaped, firm, very tender, excel-

EALY WINNISIADT.

Early Winnissadt.—One of the best in cultivation for general use; remarkably solid and hard, even in summer; keeps well in hot and cold weather. Heads regularly conical, exceptionally full, and surmounted with leaves. Quality first-rate. For per ct. 5¢ oz. 1/4 lb. 50¢ lb. $1.75.

Henderson's Early Summer.—A standard early variety, much used by market-gardeners; a little later than Wakefield; head larger and nearer to globe shape. For per ct. 5¢ oz. 1/4 lb. 50¢ lb. $3.00.

Succession Cabbage.—It comes five days behind the Early Summer, and differs from that variety in forming heads at least one-third heavier, while at the same time it can be planted nearly as close. For per ct. 5¢ oz. 1/4 lb. 50¢ lb. $1.00 lb. $4.00.

Stone-Mason Drumhead.—One of the very best for a main crop, and unsualled for storing for winter use; is grown more extensively around Boston than any other Drumhead. For per ct. 5¢ oz. 30¢ 1/4 lb. $1.00 lb. $3.00.

The Cabbage seed Blue Strain Fottler and Bridgeport Drumhead purchased of you proved to be just as good as my own seed. T. DeYoung, Cook Co., Ill.
Leonard's Improved Bridgeport Drumhead.

This is the most popular cabbage grown in the vicinity of Chicago, and for large size and handsome appearance, it stands without an equal. It is shipped more largely than any other, and is the only cabbage which suits all the points desired by our large growers.

Leonard's Improved Bridgeport has been known to the Chicago cabbage growers for nine years, and it is admitted by them to be the best strain of this cabbage in existence. Bridgeport Drumhead is offered by many seedsmen at low prices, but this seed should not be classed with Leonard's Improved Bridgeport, because repeated trials by many of the large growers of Chicago has demonstrated to them that there is a difference, and they tell us so every time they buy our's. They know what they want, and will pay $10.00 to us, rather than take other strains of Bridgeport at one-quarter the price.

Our stock is grown near Chicago from stock seed of our own growing, and as our supply of 1895 crop is short, the prices will be Pkt., 5c.; oz., 30c.; ½ lb., $1.00; lb., $4.00.

Leonard's Luxemburg.

With the exception of Leonard's Bridgeport Drumhead, this cabbage is the most popular one in the vicinity of Chicago. It has points of merit peculiarly its own, and differs very materially from the Bridgeport, being smaller but more solid. Its home is in the northern section of our market gardening district, while the Bridgeport is grown south of the city. The Luxemburg is the arms of perfection, when solidity is more desired than large size, and in the certainty of producing hard, heavy heads, it excels any cabbage known. There is one point of merit possessed by the Luxemburg which we desire to emphasize, and that is its characteristic of always remaining in a fresh green state. It appears as if just cut from the field when being marketed as late in the spring as the middle of May. We can say this of no other cabbage.

Five years ago we were permitted to select one hundred heads of this cabbage from the field of one of the Rose Hill gardeners, whom it is known was one of the few possessors of the original stock. These one hundred head were planted by us on our Avondale trial ground, in the spring of last year, and from what the progress of them is the stock seed from which our crop of 1895 has been grown.

Our's is home grown seed from heads of our own selection and known to be perfectly true. Whenever a Rose Hill "Luxemburger" has not enough of his own seed he comes to Leonard's Seed Store for some of ours. This proves how good our stock is thought to be by those who know the cabbage at its best.

We call the attention of market gardeners in all parts of the country to Leonard's Luxemburg Cabbage, knowing that a trial of it will convince them of its superiority. It should have a place also in the garden of every family in the land. Pkt., 5c.; oz., 30c.; ½ lb., $1.00; lb., $4.00.

Savoy or Curly Cabbage.

Where quality rather than size is desired, the Savoy varieties should always be sown. They have a rich and delicate flavor possessed by no other cabbages.

Early Dwarf Um Savoy.—One of the earliest and sweetest of the Savoys. Heads round, solid, leaves smooth, flat. Good for canning; deep green color, and of most excellent quality. Pkt., 5c.; oz., 30c.; ½ lb., $1.00; lb., $3.50.

Green Globe Savoy.—This does not make a firm head, but the whole of it being very tender and pleasant flavored, it is needed for cooking; leaves wrinkled and dark green; is very hardy and improves by frost. Pkt., 5c.; oz., 30c.; ½ lb., $1.00; lb., $3.50.

Improved American Savoy—Closely approximating the cauliflower in delicacy and delicious flavor. The best of all the Savoys for general market or home use. It has a short stump; grows to a large size, is compact and solid, and is a sure header. Pkt., 5c.; oz., 30c.; ½ lb., $1.00; lb., $3.50.

Mammoth Red Rock.

This is by far the largest and handsomest heading red cabbage ever introduced. Will make large solid heads, as large as Flat Dutch and as solid as Winselt. This is just the variety desired by market gardeners. Pkt., 5c.; oz., 30c.; ½ lb., $1.50; lb., $4.00.

Early Dutch Erfurt.—Earlier than the Red Drumhead, but equally as valuable for pickling; when early pickles are desired this sort should be sown. Pkt., 5c.; oz., 30c.; ½ lb., $1.00; lb., $3.50.

Dutch Drumhead.—A large heading variety, fine for pickling. The variety most sown, as it makes large solid heads. Pkt., 5c.; oz., 30c.; ½ lb., $1.00; lb., $3.50.
New Golden Self-Blanching Celery.

The increasing interest taken in the culture of celery makes the introduction of a new variety possessing really superlative merit valuable, not only to market gardeners, but also to thousands of amateurs. The Golden Self-Blanching Celery, first introduced in 1884, has been thoroughly tested. It is certainly a most important acquisition, and cannot be too highly recommended. The beautiful appearance of the plant, with its close habit, compact growth and straight, vigorous stalks, is faithfully shown in the illustration. This makes perfectly solid, crisp, brittle, and of delicious flavor, surpassed by no other variety, while it has the desired merit of being self-blanching to a very remarkable degree. Without banking up or any covering whatever, even the outer ribs become of a beautiful bright yellowish white color. The heart is large, solid, and of a beautiful yellow color. No variety can surpass it. If, indeed, equal, the Golden Self-Blanching celery is the most permanent for the table; is solid, possessing the nutty flavor peculiar to celery kinds. Pkt., 5¢; oz., 25¢; lb., $1.00; lb., $3.50.

Kalamazoo Celery.

The most solid, crisp-eating and delicious flavored variety. The most perfect type of Dwarf White Celery known. It is perfectly distinct, and is of a beautiful white color throughout; attains a very large size; is of quick growth; stiff, close habit, and shows good form and pods. Very large grower. The market gardeners of Boston have been growing for years a celery that throws out side shoots, so that one root will have from four to seven heart, and the root will sell for more than one large with but one single heart. Pkt., 5¢; oz., 25¢; lb., 75¢; lb., $7.50.

New Rose Celery.

It is a fact that, although the English, particularly the London market gardeners, demand nine-tenths of all their Celery to be red, crimson or rose-colored, our American markets so far at least ignore the red Celery. Demand for the whitish Celery is increasing, however, that it is becoming a very decent article to grow, and we are very willing to furnish quantities of it. It is a very good article, and, being more solid and harder, holds better in the winter and has its valuable keeping qualities, and unexcelled as a market sort. Pkt., 5¢; oz., 25¢; lb., $1.50.

New 6 and 7 Giant Pascal.

No variety yet introduced has a more marked and valuable improvement. Developed from the Large, Solid, Golden Yellow, it retains the beautiful color, the thick, solid, crisp stalks, and the incomparable flavor of that variety, but is of much stronger growth, also larger, producing perfectly blanched stalks one foot in length and proportionately thick, yet never in the least stringy. It is unsalted for rich, nutty flavor, and blanches very easily. It keeps better and retains its flavor and color longer than any other. The best all round celery yet introduced. Pkt., 5¢; oz., 25¢.
CUCUMBERS.

The prices quoted below are for the seed postpaid by mail. If ordered by express or freight denote 10 cents per pound. Write for special prices for large quantities.

Evergreen White Spine.
A new and improved strain of the well known White Spine and fast becoming the favorite with market gardeners, both for forcing and outdoor culture. It differs from the ordinary White Spine in the fact of always remaining of a deep green color in all stages of growth. Altogether it is a most welcome and valuable acquisition for pickling, market or home use and should be tried by all who have a garden. Pkt. 5c.; oz. 10c.; ½ lb. 35c.; lb. $1.00.

Thorburn's New Everbearing Cucumber.
Giant Pera.—A long, smooth, straight, dark green cucumber, attaining a length of 28 inches. Flesh white, crisp, tender and free from all bitterness. It requires a rich soil and to be grown quickly in order to bring it to perfection. Pkt. 5c.; oz. 35c.; gardens.

Westfield's Improved Chicago Pickle.
Mr. Westfield, having been engaged in growing pickles for Chicago pickle factories for many years, and also in supplying them with seed for other growers, has watched carefully and selected his seed stock from the most prolific and early maturing vines having the most desirable shaped cucumbers for pickles. Consequently his strain is now considered by all growers in this vicinity to be the best stock to grow. We received from Mr. Westfield a few pounds of seed which he had saved very carefully to grow his seed stock from. The seed we offer this season is grown from that stock. Pkt. 5c.; oz. 10c.; ½ lb. 35c.; lb. $1.00.

Early Russian.—The earliest variety. Fruit produced in pairs. Small, hardy and productive. Pkt. 5c.; oz. 15c.; ½ lb. 25c.; lb. 75c.

Early Frame.—An old and popular variety of medium size, straight and handsome. Excellent for pickling. Pkt. 5c.; oz. 10c.; ½ lb. 25c.; lb. 75c.

Early Cluster.—A much esteemed early sort, growing in clusters and extremely productive. Pkt. 5c.; oz. 10c.; ½ lb. 25c.; lb. 75c.

Green Prolific.—One of the best pickling sorts, growth very uniform, hardly ever yielding cucumbers too large for pickling. Pkt. 5c.; oz. 10c.; ½ lb. 25c.; lb. 75c.

Boston Pickling.—Largely used about Boston by market gardeners. A very productive kind of superior quality. Pkt. 5c.; oz. 10c.; ½ lb. 25c.; lb. 75c.

Improved Early White Spine—A favorite market variety, of medium size, light green, flesh crisp and of fine flavor. Pkt. 5c.; oz. 10c.; ½ lb. 25c.; lb. 75c.

Chicago Pickle.

West India Gherkin or Burr.—Used only for pickles. Pkt. 5c.; oz. 25c.
SUGAR CORN.

Please note that the Prices quoted are for the Seed Prepaid by Mail. If wanted in Larger Quantities, by Express or Freight, see SPECIAL BULK PRICE LIST, Page 30 Half Pint of any Variety, except when noted, 10c.; Pint, at Half the Quart Prices.

Cory Sweet Corn.

This remarkable variety certainly grows the earliest sweet marketable ear of any sort in cultivation, and should be planted for FIRST EARLY use by every wide-spread gardener. Its stalks are very short, the ears are low down, almost to the ground, and the plant matures with extraordinary rapidity. It is larger than any other corn from Marblehead, the ear handsome, lighter in color and of smaller size than PINT, and much more preferable to the red varieties. Extremely tender and sweet, surpassing any other early sort. Very productive, yielding two or three ears to each stalk. Pkt., 5c.; qt., 30c.

Extra Early Marblehead.—In point of earliness, surpassed only by the Cory and Chicago Market. A good sort for early market use, but inferior in quality to the Chicago Market. Pkt., 5c.; qt., 30c.


Crosby’s Early Sugar.—An excellent early variety. Ears and kernels very large, and very tender. Pkt., 5c.; qt., 30c.

Black Mexican.—The sweetest and tenderest of all varieties I am acquainted with. Very desirable for family use. Pkt., 5c.; qt., 30c.

SHOE PEG

A new and entirely distinct variety. It has the deepest grain and smallest cob of any sweet corn known. It is said to be of such exceedingly sweet and juicy Flavor as to sell where it is known at double the price of other varieties. It was introduced last season and from reliable sources we learn that it possesses exceptional merit. We have secured a small quantity of seed and can fully recommend it for the market or home garden. Pkt., 5c.; pint, 30c.; qt., 40c.

Amber Cream.—This handsome medium early sort is fast becoming noted. It is a strong, vigorous grower; 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 light to a dark auburn. Pkt., 5c.; qt., 30c.

Early Eight Rowed.—This is a fine early variety, large grained and of good quality. It is ready for the table shortly after Minnesota, and will be found valuable where an intermediate variety is wanted for succession. Pkt., 5c.; qt., 30c.

Potters Excelsior.—Medium late, large, fine grained, quality excellent. One of the best sorts for canning. It matures two weeks earlier than Evergreen. Much used by the old time housewives for drying for winter use. Pkt., 5c.; qt., 30c.

Triumph.—The earliest of the large varieties, very sweet and desirable. Pkt., 5c.; qt., 30c.

Stablers Pedigree.—See description among specialties.

Fords Extra Early.—Described among specialties.

Champion Sugar.—For description see specialties.

Extra Early Chicago Market or Ballard.

Introduced by me a few years ago. This is the earliest twoseed variety, Corn. For market gardens it is unexcelled, for home gardens, if planted at intervals of two weeks, it will meet the requirements more fully than any other sort. Its extreme earliness, large size and fine appearance make it very salable as a market sort. The ears are very tall, filled to the tips, color nearly white and very much more preferable to the red varieties. Extremely tender and sweet, surpassing any other early sort. Very productive, yielding two or three ears to each stalk. Pkt., 5c.; qt., 30c.

X B. The Chicago Market Corn is entirely different in every particular from Perry’s Hybrid. It is two weeks earlier, finer grained, closer bred and superior in flavor. We wish to emphasize this as the Chicago Market is spoken of as being the same as Perry’s by some dealers. Such statements are misleading and entirely erroneous.

CHICAGO MARKET OR BALLARD.

Perry’s Hybrid Sweet Corn.—A very fine early variety, fully as early as the Minnesota, and ears much larger, each containing twelve to fourteen rows of kernels well filled to the tips. The grains are large and pure white, but the cob is red. The ears are about the same length as Crosby’s, but larger around, and are ready to market fully a week earlier. The stalks grow 5½ feet high, and the ears (two to a stalk) are set about two feet from the ground. Per pkt., 5c.; pt. box, 30c.; qt., 30c.

Early Chocolate.—Twentieth early, ears large. A good variety to follow Crosby’s Early. Pkt., 5c.; qt., 30c.

STOWELL’S EVERGREEN.

Stowell’s Evergreen.—A late variety of excellent quality, remaining longer in the green state than any other kind. Have a choice strain of this variety, especially selected for my market garden trade. Pkt., 5c.; qt., 30c.

Burbank’s Early Maine.

A new, white grained, extra early variety, of good flavor and said to be one of the best early sorts grown. The stalk is medium sized and on good soil produces two ears. We recommend this corn to market gardeners for trial and to all who desire a sweet profitable early sweet corn. Pkt., 5c.; pt. box, 30c.; qt., 40c.

Evergreen Sweet Corn.

For Coriander and Ensilage.

It is now known to our people that sweet corn is far better for fodder than the ordinary large growing field varieties commonly called ensilage corn. For the past two seasons our sales of Evergreen sweet corn for fodder and ensilage have been exceedingly large owing to the low price. Remember that one bushel of sweet corn will give you more nutritious food for cattle than two bushels of the ordinary field corn. We believe it will still be the case this year, although the price is higher this year. Price, Pkt., 5c.; box, 30c. For larger quantity write for special price.

OLD COLONY.

Old Colony Sweet Corn.—This variety is earlier than Stowell’s, but otherwise resembling it, having a fine deep grain. It remains in market condition for some time, much longer than the average of corn. Can be raised farther north than Stowell’s. A little later than Moore’s. Pkt., 5c.; qt., 30c.

The Hickox Corn.—A large earred variety, very white, tender and sweet. It grows eight, ten and twelve rows. A great favorite with those who care for marketable ears. It is grown more than any other variety. The ears are longer and not quite as thick as Stowell’s. They make a fine appearance. Pkt., 5c.; qt., 30c.

Egyptian.—A late as Stowell’s Evergreen, but sweeter. Ears large and deep-grained, very sweet and tender. Superior for canning. Pkt., 5c.; qt., 30c.

Mammoth Sugar.—A late variety, and one of the largest; productive and fine flavored. Pkt., 5c.; qt., 30c.
S. F. LEONARD, CHICAGO, FIELD CORN.

FIELD CORN.

EXTRA EARLY HURON DENT.

After two years' trial on a large scale we have concluded that this is the earliest Dent corn grown. Good sized stalk and ear, small red cob, long, deep grain, very rich in oil and starch, and is the only smooth, very early Dent corn known. Ears wonderfully perfect, grained even on both ends of cob; has quick, rank, strong growth and is very productive; it heads the list of all early varieties. Our supply is genuine and from the originator's stock, strictly pure and carefully selected. By mail, post-paid, lb., 3c.; pk., 5c.; bu., $1.50.

LEAMING.

The strain of Leaming we offer is not the tall southern variety, but a strain that is very early, often maturing in ninety days. The stalk is very leafy and stocky, often bearing two large ears. Grain yellow, deep and compactly set on small cob, and yields more than any corn ever offered. Its luxuriant growth of fodder makes it especially valuable in sections subject to droughts. Our stock is from a grower who makes this magnificent variety one of his specialties, and has by careful selection brought it up to a very high standard. By mail, post-paid, lb., 2c.; pk., 6c.; bu., $1.50.

"PRIDE OF THE NORTH."

This famous corn still retains its popularity as an exceedingly early and prolific variety, always maturing in ninety days; often shelling 30 pounds of grain in 80 pounds of ear. Kernels closely set, large, of deep orange color; cob very small and red; stalks about 7 feet in height. This is, probably, the best Dent corn for general cultivation in the north, and is now largely used in the south and west, as it matures its crop before the hot winds affect it. We offer pedigree seed grown from the original stock with care. This corn is not fully appreciated until the large yield and small percentage of cob to corn are carefully noted. By mail, post-paid, lb., 3c.; pk., 5c.; bu., $1.50.

POP CORN.

Golden Pop Corn.—This variety, the ears of which are from 6 to 8 inches in length, is the largest and most productive of this class of corn. Kernels large, rich color, B-rowed. White Pop Corn Corn.—Wisconsin grown. A very fine white variety; ears 4 to 5 inches in length and 1 to 1 1/2 in diameter. Kernel clear white, long and pointed at the top, sloping toward tip of ear. Not easy to husk, but quite prolific and especially salable among the retail grocers in Chicago. It is very desirable for family use, producing out very large and tender. Red Rice.—An excellent popping variety of handsome appearance. Ears 4 to 6 inches long, kernel pointed, color dark red. White Pearl.—Smooth, small-grained; ears 4 to 6 inches long, 3 to 4 1/2 inches in diameter. Good for family use or market. Wisconsin Eight-Rowed.—The standard variety for market. Is largely used by pop corn manufacturers. Grain broad, smooth and pops out large. Yields well and can be hauled rapidly. Prices on all of above varieties of Pop Corn are: Pkt., 3c.; pt., 25c.; qt., 40c., postage paid.

SORGHUMS.

Kaffir Corn.—A non-saccharine sorghum that has been extensively grown in Georgia and there found valuable, and which will probably be found to do equally as well in other sections. The plant grows from 6 to 7 feet high, is stocky and erect and has wide foliage. It produces 2 to 4 heads of grain on each stalk. These heads are long and narrow and well filled with white grain, which at maturity is slightly flecked with red spots. Kaffir corn has the quality common to all sorghums, of resisting drought, and in this fact is to be found its peculiar value to southern sections. It has yielded its crops of green fodder even in dry seasons, when corn has utterly failed. Compared with other sorghums the Kaffir is found to be early, abundant in yield, reliable in all seasons and for a superior crop for both quantity and quality of its product. Its low and manageable growth, ease of cultivation and harvesting are points distinctly peculiar to it, and in addition to these it is well known to be less exhausting to the land. Flour from the Kaffir corn has been found more nearly analogous to wheat than any other grain of its class. It is darker, of course, but is of like texture in the dough and in the cooking. For butter, sugar, cakes, puddings, etc., the Kaffir is considered by many as an improvement on the original. Pkt., 5c.; lb., 25c., post-paid.

Early Amber Sugar Cane.—Early and productive. Its saccharine matter is of the first quality, produces a nice syrup or syrup 10 or 12 feet in length, and produces two large earings of green fodder during summer. Sow three or four quarts per acre. Pkt., 5c.; lb., 25c.; 10 lbs. and over by express, 2c.; qt., 80c.

Early Orange Cane.—This is a sorghum of unusual merit. It is early and produces its stalks of great sweetness and abundance of juice in great profusion. Pkt., 5c.; by mail, 25c.; by express or freight, 10 lbs., $1.00.

BROOM CORN.

Improved Evergreen.—By mail, pkt., 2c.; by express or freight, pk., 5c.; bu., $2.00.

Extra Early Japanese.—By mail, pkt., 5c.; by express or freight, pk., 5c.; bu., $3.00.

Collards.

Georgia.—This is the variety so extensively used in the South, where it furnishes an abundance of food for both man and beast. Forms a large, loose, open head, or a mass of leaves on a calli, which remains all winter. It is moisture-loving and requires a hot, sandy soil. Sow thickly in drills in rich ground, transplanting when 4 inches high. In the south they sow from January to May, and August to October.

Pkt., 5c; oz., 10c.; lb., $1.00.

Chervil.

Curled Chervil.—Pkt., 5c; oz., 25c.; 1 lb., 90c.; lb., $2.00.

Tuberculous Rooted.—Prepared for the table like carrots. This is one of the most delicious vegetables grown. Pkt., 5c.; oz., 25c.; 1 lb., 90c.; lb., $2.00.

Chicory.

Large Rooted or Coffee Chicory.—Pkt., 5c; oz., 10c.; 1/2 lb., 25c.

Corn Salad, or Lettuce Punch.

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

Cress, or Pepper-Grass.

NEW EUPHAN CRESS.

Pkt. 10c.; oz., 40c.; 1/2 lb., $1.25; lb., $4.00.

Dandelion.

Improved Large-Leaved.—Very early and wholesome greens. Sow in May or June, cultivate during the summer and the following spring, the leaves will be fit to cut. Per pkt., 10c.; oz., 40c.; 1/2 lb., $1.25; per lb., $6.00.

Egg Plant.

The Egg Plant, when well grown and properly cooked, is a very wholesome and nutritious vegetable and should find a place in the market garden. Per pkt., 10c.; oz., 50c.; 1/2 lb., $1.50; per lb., $5.00.

New Euphan—It has the identical name and highly-prized flavor of the Water Cress. It is so hardy as to be green nearly the whole year and starts into growth and is ready for use before any other salad in the spring. Can be eaten like lettuce or boiled as spinach. It is one of the best cut greens. Prices, per pkt., 10c.

Extra Curled.—Very fine; may be cut two or three times. Per pkt., 5c.; oz., 10c.; 1/2 lb., 25c.

Water Cress.—Fine, piquant flavor.

NEW YORK IMPROVED PURPLE.

Pkt. 5c.; oz., 20c.; 1/2 lb., 60c.; 1 lb., $1.50.

Garlic.

The Garlic is the most pungent in taste and has the strongest color of all the onion family. It is largely used in southern Europe, where it is esteemed for flavoring soups, stews, etc. The root or bulb is composed of many small bulbs called "cloves," which are planted in the spring about six inches apart. The tops rise in August when the bulbs are ready to gather. Bulbs, 1/2 lb., 25c.; per lb., 50c.

Gourds.

Gourds will be found described in flower seed list.

Herbs—Sweet, Pot and Medicinal.

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<td>Wormwood</td>
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Cardoon.

Culture.—Sow early in spring, in rows, where they are to stand, thin them to 1 foot apart. When full size, bind the plants together with straw or matting, and earth up like calery to blanch. The stems of the leaves are used for salads, soups and stews.

Pkt., 10c.; oz., 40c.

Horse Radish.

Small roots, 15c. per dozen, postpaid.

Kale.

(Broccoli)

Dwarf Curled German.—Leaves yellowish green, finely fringed. Sow in September for winter and early spring use. Pkt., 5c.; oz., 15c.; 1/2 lb., 30c.

New Moss Curled Half Dwarf Kale.—This new and beautiful variety originated in France, where it is fast becoming popular with the gardeners around Paris. It is between the dwarf and full varieties, with yellowish green, finely fringed leaves. It is the hardiest and most ornamental variety we have ever seen and is extremely hardy. Market gardeners, try it. Pkt., 5c.; oz., 15c.; 1/2 lb., 30c.; 1 lb., 75c.

Siberian—Leaves bright green, curled, very tender and finely flavored. Pkt., 5c.; oz., 15c.; 1/2 lb., 30c.

Sea Kale—Grown for its blanched shoots, which are cooked like Asparagus. Pkt., 10c.; oz., 40c.; 1/2 lb., 1.00.

Tall Red or Purple Scotch.—Of a purplish color and curled leaves. Pkt., 5c.; oz., 15c.; 1/2 lb., 40c.

Kohlrabi, or Turnip-Rooted Cabbage.

A vegetable intermediate between the cabbage and turnip. When young and tender they are fine for table use. When matured they keep well and are excellent for winter feeding to stock.

Early White Vienna.—The best market sort for table use. Per pkt., 5c.; oz., 25c.; 1/2 lb., $1.25; per lb., $4.00.

Early Purple Vienna.—This variety is the most largely grown for table use in Germany and Austria. Per pkt., 5c.; oz., 25c.; 1/2 lb., $1.00; per lb., $3.00.

Green or White.—Good for table use and stock feeding. Per pkt., 5c.; oz., 25c.; 1/2 lb., 40c.; per lb., $1.50.

Martynia.

A strong, growing annual plant, bearing curiously shaped seed pods, which, when young and tender, make excellent pickles.

Martynia Proboeseliana.—Pkt., 10c.; oz., 30c.; 1/2 lb., $1.00; $4.00.

Leek.

Flag Leek.—Hardy. A large, strong variety. Pkt., 5c.; oz., 15c.; 1/2 lb., 45c.; 1 lb., 75c.

Ronen Very Large Winter.—Best of all for forcing. Pkt., 5c.; oz., 15c.

Carentan.—Very large. Pkt., 5c.; oz., 25c.; 1/2 lb., 60c.

LARGE MUSSELBURGH.—One of the best. Pkt., 5c.; oz., 25c.; 1/2 lb., 60c.; 1 lb., $1.00.

Poilin Large Yellow French.—Pkt., 5c.; oz., 25c.; 1/2 lb., 60c.

Mustard.

White London.—Best for salads. Oz., 5c.; 1/2 lb., 15c.; 1 lb., 30c.

Brown or Black.—More pungent in flavor than the white. Oz., 5c.; 1/2 lb., 15c.; 1 lb., 30c.

New Chinese.—Leaves trifle the size of the ordinary White Mustard; seems more succulent and of a deeper green flavor. Pleasantly sweet and pungent. Oz., 5c.; 1/2 lb., 15c.; 1 lb., $1.25.
**LETTUCE.**

**Early Curled Silesia.** A fine early curled variety, which does not head; leaves large and tender, of fine flavor. Pkt. $0.50; oz. 10c.; 1 lb. 25c.

**Early Curled Simpson.** This does not head, but forms a close, compact mass of leaves; very early, excellent for forcing. Pkt. 5c.; oz. 20c.; 1 lb. 40c.

**Early Tennis Ball.** White seed. Forms a close, hard head; the best forcing sort. Pkt. 5c.; oz. 20c.; 1 lb. 25c.

**Boston Market.** White seed. Hardy and crisp; the earliest heading variety, one of the best for forcing. Pkt. 5c.; oz. 20c.; 1 lb. 40c.

**Boston Curled.** Of superior quality does not form solid heads, fine for early use. Pkt. 5c.; oz. 15c.; 1 lb. 35c.

**Hubbard’s Market.** One of the earliest and best head sorts. medium sized, round and solid; outer leaves dark green, inner light green. Tender, crisp, of good flavor, and slow to run to seed. Good for forcing or early culture. Pkt. 5c.; oz. 15c.; 1 lb. 35c.

**All the Year Round.** A very hardy, compact variety, white, solid and crisp. For summer or winter use, or for forcing, this variety is unsurpassed. Pkt. 5c.; oz. 15c.; 1 lb. 30c.; 10 lb. $1.00.

**Deacon.** A fine new variety originated near Rochester, N. Y., with round, compact heads, four to five inches in diameter; leaves very thick, dark green, tender and of unusual fine quality; very distinct and valuable. Pkt. 5c.; oz. 15c.; 1 lb. 35c.; 10 lb. $1.35.

**Benary’s Perpli-gram.** One of the largest growing varieties of head lettuce. Pkt. 3c.; oz. 10c.; 1 lb. 25c.

**Oak-Leaved.** A very superior new variety, both in quality and appearance; leaves light green, oak-shaped, slightly curled, set close, having no coarse stems; fine flavor and extreme tenderness. Pkt. 5c.; oz. 15c.; 1 lb. 35c.

**Hanson.** Heads very large, from two to three pounds each; hearts quickly and stands the summer well. excellent quality. Pkt. 5c.; oz. 10c.; 1 lb. 25c.; 10 lb. $1.35.

**ST. LOUIS HEAD.**

**Salaman-der.** An excellent summer variety, forming good sized heads that stand the drought and heat without injury longer than any other sort. Pkt. 5c.; oz. 10c.; 1 lb. 25c.

**Henderson’s New York.** It is of unusual size and solidity of head, with but little tendency to run to seed. We have had it time and again eighteen inches in diameter, and weighing nearly four pounds, with heads almost as solid as an early summer cabbage, which in general form it somewhat resembles. The variety blanched itself naturally, is crisp, tender and of excellent flavor, and always free from bitterness. The outside color is distinctly shade in from any other lettuce that we are familiar with, being a clear, deep apple green, while on the inside the color is yellowish white. It is not a forcing variety, but it is certainly one of the best varieties for summer use ever introduced. 5c.; pkt. 10 cts. oz. 05 cts. 1/4 lb. $0.15 lb.

**Defiance Summer.** This is a large growing Summer Cabbage Lettuce, which in our trial grounds we have found to be unequaled as a standing sort. The leaves are of light green color, and it remains for a long season tender and crisp and is especially adapted for use in private gardens. Those of our customers who grow it are certain to be well pleased with it. 10 cts. pkt. 20 cts. oz. 50 cts. 1 lb. $0.25 lb.

**Drumhead or Malta.** Heads very large, crisp, tender, and good of every one of the best summer varieties. 5c.; pkt. 10c.; oz. 25c.; 1/4 lb. $0.35 lb.

**SILVER BALL.**

**Silver Ball.** Silvery white, early; very fine and romaine type. Will stand summer heat well. Pkt. 5c.; oz. 10c.; 1/4 lb. 50c.

**Early Prize Head.** Forms a mammoth plant, in which the outer leaves are crisp and tender, and remain so through the season. 5c.; pkt. 25c.; oz. 50c.; 1 lb. $1.50 lb.

**Large India.** Withstands summer heat better than most kinds; forms an immense solid head. Pkt. 5c.; oz. 10c.; 1 lb. $1.00 lb.

**Yellow Seeded Butter.** This withstands summer heat well, and remains in head long before running to seed. It is a very distinct sort, making a large, dense yellow head, very crisp and tender, and excellent in flavor. Its beautiful yellow heart gives it a very handsome appearance. 5c.; pkt. 25c.; oz. 50c.; 1 lb. $1.50 lb.

**Brown Dutch.** Very hardy. One of the best for winter use. 5c.; pkt. 25c.; oz. 50c.; 1 lb. $1.00 lb.

**Blond Dutch.** Very hardy. One of the best lettuce for winter. Pkt. 5c.; oz. 25c.; 1 lb. $1.00 lb.

**New Buttercup.** A very attractive new Cabbage Lettuce of large size, crisp and tender, delicate in flavor, and desirable for either winter or summer use, as well as for forcing. Pkt. 5c.; oz. 25c.; 1 lb. $1.00 lb.

**NEW BUTTERCUP.**

**Large White Summer Cabbage.** One of the very best Lettuces for summer that we know of. The heads are of good size, close and well formed. It is a splendid market variety. 5c.; pkt. 25c.; oz. 50c.; 1 lb. $1.50 lb.

**Green Fringed or California Curled.** This ornamental sort is of a very delicate and peculiar shade of green, the inner leaves being white, with edges beautifully fringed. 5c.; pkt. 25c.; oz. 50c.; 1 lb. $1.50 lb.

**Tennis Ball Black-Seeded.** A favorite forcing variety, and as the name indicates, forms a hard head. It makes but few outer leaves, and for this reason can be planted quite closely with other sorts, and is also adapted for use in box gardens. Those of our customers who grow it are certain to be well pleased with it. 10 cts. pkt. 20 cts. oz. 50 cts. 1 lb. $0.25 lb.

**Paris White Cos.** The Cos Lettuce differs entirely in shape from the other varieties; the head being elongated and of conical form, eight or nine inches in height, and five or six inches in diameter. The outer coloring of this variety is yellowish green. To be had in perfection it requires to be tied up to insure its blanching. Millions of this variety are annually grown to supply the markets of London alone. 5c.; pkt. 25c.; oz. 50c.; 1 lb. $2.00.

**Carroobleed Mammoth Cabbage.** The heads are quite distinct and closely wrapped together. The leaves are light green. 25c.; pkt. 10 cts. oz. 25c.; 1 lb. $1.25 lb.

**New Chantilly Head Lettuce.** This lettuce originated in the vicinity of Pittsburgh, Pa., and has been in the hands of a very few of the market Gardeners there, who have had a monopoly of the trade as long as their stock lasted. One of our lettuce seed growers secured a small quantity of seed and has grown our supply from the original stock. It makes a very large firm head, almost as hard as a cabbage, is very tender and has a peculiar fine flavor. It has become so well known in the Pittsburgh market that the past season no other kind could be found offered for sale. It is of a beautiful green color, and the outer edges of the leaves are tinged with brown. The heads when offered are blanched equal to celery. It withstands the summer heat well and is slow to run to seed. Pkt. 5c.; oz. 10c.; 1/4 lb. 50c.; 1 lb. 1.00 lb.
**Perfection Musk Melon**. This new melon originated in Chenango County, N. Y., and during the last three years has been widely distributed throughout the country, everywhere giving general satisfaction in account of its extra fine quality. It is of the netted shape and quite large, weighing 5 to 8 lb. each. The skin is of a dark green color, heavily netted. It is very thick fleshed, with remarkable small seed cavity; the flesh is of a salmon color, of very rich, sweet flavor. Per pkt., 5c.; oz., 10c.; lb., 25c.; lb., 50c.

**Improved Christianna**. A very early variety of peculiar flavor, relished by many of our customers. It is netted, and its chief claim to cultivation would generally be considered its extreme earliness. Flesh bright orange. Pkt., 5c.; oz., 10c.; lb., 25c.; lb., 50c.

**Improved Cantaloupe**. A very large, yellow-fleshed melon, early and fine flavored. Pkt., 5c.; oz., 10c.; lb., 25c.; lb., 50c.


**Market Champion**. One of the new cultivars for public favor. It is claimed to be quite distinct from other varieties. It weights from 4 to 5 lb. each. The flesh is light green in color, of rich, sweet flavor. It is deeply ribbed and heavily netted. It is about three times the size of the Netted Gem. It has been sold in the New York market at $1.50 per barrel, higher than the average of melons. It is said to be very productive. It is an excellent shipper, and promises to make a first-class market variety. Pkt., 5c.; oz., 10c.; lb., 50c.

**Early Nutmeg**. A small variety, round, netted, with dark green skin; flesh light green, very sweet. Pkt., 5c.; oz., 10c.; lb., 25c.; lb., 50c.

**Banana Melon**. A large, deeply netted melon, flattened at the ends, of most delicate flavor, and very productive. Pkt., 5c.; oz., 10c.; lb., 25c.; lb., 50c.

**Emerald Gem Melon**. The Emerald Gem is entirely unlike any other musk melon yet introduced. The melons are about a third of the size of the Netted Gem, but, unlike that variety, the skin, while ribbed, is perfectly smooth, and of a deep emerald green color. The flesh, which is thicker than any other native melon of the same size, is of a suffused salmon color, and ripens thoroughly to the thin green rind, which is distinctly defined. The flesh is peculiarly crystalline in appearance, and very juicy, sweet and rich, that it almost droops to pieces. It matures very early, and is quite productive. Be sure to add this to your seed order, if you like melons. Pkt., 5c.; oz., 10c.; lb., 25c.; lb., 50c.

**Delmonico Musk Melon**. A very productive, oblong Muskmelon, that is quite popular in the Five Points markets. The cost of growing it is very low, and it will give in good years a large netted, and has beautiful orange pink flesh, and is pronounced by connoisseurs to be a melon of par excellence. We offer the Delmonico to our customers with the full assurance that it will be found to be a most delicious variety. Pkt., 5c.; oz., 10c.; lb., 25c.; lb., 50c.

**The Miller Cream Melon**. We recommend this melon highly. The flesh is of a rich, salmon color, very sweet and melting in quality, and so very thick that the melon is almost solid. The rind is thin, slightly suffused, and but very little netted. The vine is a strong grower and very productive. We advise all who like the first-class melon to try Miller's Cream. Pkt., 5c.; oz., 10c.; lb., 25c.; lb., 50c.

**Bird Cantaloupe**. Mr. Bird claims for this melon extreme earliness, large size, fine flavor, and good keeping qualities. It is a cross between the Muskmelon and Burpee. The flesh is thick, light green in color and of fine quality. It is highly spoken of by all who have tried it, and one melon-grower states that he would give $10.00 per packet for it. If he could not get it from us, he would doff our entire seed stock. It ripens early, and is a choice melon from every standpoint. It will be a great favorite with nurseries, who will like the results of this new strain. Per pkt., 5c.; oz., 10c.; lb., 25c.; lb., 50c.

**New Early Hackensack**. This strain, sent out four years ago, has been developed to produce melons with all the good qualities of the well-known Hackensack melon, but at least two days earlier. The melons weigh from 4 to 6 lbs. each, are of the netted shape, heavily netted, and have light green flesh of delicious flavor. Pkt., 5c.; oz., 10c.; lb., 25c.; lb., 50c.

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OSAGE MELON.

This is the best melon in the world. We offered the seed of this wonderful new melon to the public for the first time in 1888 and it has now become so popular as to be in great demand in all sections of the country by both melon growers and seedmen. The skin is very thin, of dark green color and slightly netted. The flesh is a salmon color, remarkably sweet and of a luxurious, spicy flavor, extremely thick, sweet and delicious to the rind. The seeded cavity is remarkably small. The stock is very true and seems to always produce uniform melons of good quality, and a great point of merit is that, no matter what the size of the melon, be it large or small, they are all sweet and delicious, which cannot be said of any other melon. It is also very productive. It is a remarkable keeper and will stand shipping better than any melon we ever saw. The extreme thickness and solidity of its flesh renders it less liable to bruise or spoil in transportation than any other and the skin is of such a very dark, blackish green that spots which would render netted melons unsalable would not be noticed on the Osage, so that it always reaches market in splendid condition. It has superseded all previous favorites and has become the rage on every market where it has been offered. The past summer it could be found at all the leading hotels and restaurants in Chicago and while in market was about the only kind they used. This unprecedented demand for the melon creates a similar demand for the seed and on this account we urge melon growers to be careful in buying. Our seed is grown from the original stock offered by us in 1888 and is somewhat improved by our personal selection since that time. Our own comparative tests and the tests of many melon growers near Chicago the past season has proven our stock of Osage to be the best, and we desire everyone who grows melons to get the benefit of it. Pkt., 5c.; oz., 10c.; lb., 35c.; bbl., $1.00.

Chicago Market Nutmeg. (Colvin's Strain.)

This variety of melon has been shown in the Chicago markets for the past ten years and is undoubtedly the best large green fleshed nutmeg grown. It originated with Mr. Willi um Colvin, who, by careful selection, bred it up to its present standard of excellence. The seed has always been saved from the earliest and most perfect melons and the result is that the product is always uniform, both in appearance and quality, so much so, in fact, that Mr. Colvin has a monopoly of the leading hotel trade while his supply lasts. The fruit is large, nearly round, flattened at the ends, deeply and very regularly ribbed, skin green, densely netted, flesh remarkably thick, light green, melting and of a delicious flavor. My stock is direct from Mr. W. Colvin, Price Colvin's stock, per pkt., 5c., oz., 10c.; lb., 35c.; bbl., 60c.

Chiagro Market Nutmeg—Large size, unexcelled for market purposes here. Seed grown from original stock by an experienced grower. Pkt., 5c.; oz., 10c.; lb., 35c.; bbl., 60c.

WEST MONROE STREET, CHICAGO, Sept. 30, 1897.
City gardens are not usually worth much, but this year mine did well, thanks to your seeds. The Osage melons were grand. Mrs. Hoff.

New Garden Lemon

It resembles the Vine Peach in manner of growth, but is distinct in that the unripe fruit is striped with very dark green, nearly black, while the Vine Peach is plain green and when ripe is not marred like the Vine Peach. Fruit is of the shape shown in our engraving and is somewhat smaller than the Vine Peach, has thinner flesh and is more delicately more acid, thus dispensing with the ill-omened lemons which are so important in putting away the Vine Peach. Cultivate like muskmelon in hills three feet apart each way. Don't fail to try it. Per pkt., 5c.; oz., 10c.; lb., 35c.; bbl., 60c.

Montreal Market Nutmeg.

Green fleshed. This melon grows very large, very many of them weighing 15 to 20 pounds. A sure, heavy bearer, producing as many large melons as any variety does small ones. Vine vigorous, always healthy. Quality as sweet and delicious as the smallest nutmeg melon. This melon is the best of all for Canada, being the leading sort in the Montreal market. Also the favorite with Boston growers, dealers and consumers. Several of our Chicago melon growers plant this melon largely and their crops are abundant and paying. In several parts of our city the fancy grocers will take no others when this melon makes its appearance. It is not so early as the Chicago Market Nutmeg, but is larger, and those who successfully grow it find buyers eager to obtain it. We think our customers will do well to include some of this when ordering. Pkt., 5c.; oz., 10c.; lb., 35c.; bbl., 60c.

I am willing to subscribe to the claim that "Leonard's Melon Seeds" are taken from carefully selected fruits, for I have bought many kinds from you the past few years, and found the types true to a degree unapproached by seed from any source.—E. Schuetzenhofer, Market Gardener.
Jumbo Watermelon.

The shape is round, ordinary, with a rather lighter stripe. Deep red all over. Very large varieties as much in flavor as in size, and as a market fruit sells well, should be cultivated rapidly and for higher prices. Will grow in any garden and weigh 50 pounds. From forty to sixty pounds is common. When ready for market, the fruits will have averaged fifty-five or pounds each. It matures 6 to 8 days later than ordinary kinds and we do not consider it so desirable as other earlier sorts. Has been grown in the northern latitude of Chicago, but it cannot be beaten as a shipping melon south. Pkt., 10c.; oz., 25c.

The Volga.—This variety came to us originally from Russia and is one of the finest flavored melons that we have ever tasted. It is a perfect globe in shape, and small size, the melon weighing 10 lbs. The flesh is bright crimson and its crispness and delicacy of flavor is unsurpassed. Pkt., 5c.; oz., 15c.; lb., 30c.; lb., $1.00.

Johnson's Christ.—A most valuable, new and distinct variety. They have been kept in a cool cellar for over four months and cut open as fresh and delicious as the day they were harvested, although they have not been kept at any temperature, neither have they been cured off the vines for months after picking. Notwithstanding the rind is quite thin they have been dropped from the vines and have come off without breaking or bruising. The flesh is a beautiful, rich scarlet, very solid and of a delicious, sugary flavor. Seeds are few and small and of a dark white color. Pkt., 5c.; oz., 15c.; lb., 30c.; lb., $1.00.

Cuban Queen.

Cuban Queen.—The markings of light and dark green are regular and distinct. The quality is equal to the best of any of the early varieties, and its solid-ity is so marked that it will weigh at least one-third more than melons of the same size of other varieties, specimens often attaining a weight of 80 lbs. and upwards. Pkt., 5c.; oz., 15c.; lb., 30c.; lb., 60c.

Green and Gold Watermelon.

This is one of the greatest novelties of recent introduction. As its name implies it is a deep green color outside and the flesh is of a beautiful golden orange color inside. We copy the introducer's description of last season:

"The melons are of good size, ranging from 25 to 40 lbs. in weight. It is the largest and earliest variety in cultivation and its productiveness is equal to any of our good, well-stored, in deli-uous flavor it surpasses them all. The rind is the thinnest of any melon we have ever seen, the white flesh is as firm through and through as one-half inch in thickness. The flesh is a beautiful golden orange color, free from any tinge of white or other color, even immediately around the seeds. The flesh is beautifully granular in appearance, juicy and sweet, and as we have already stated, of unequal flavor. The gentleman in Georgia from whom we procured this distinct variety wrote us last year, under date of July 3d, that he had almost de-spaired of being able to send us specimens from which to make our colored plates, for, although there were acres upon acres of melons of all kinds in his vicinity, the colored citizens had discovered the really superior qualities of the Green and Gold and had nailed the patch to such an extent that it was impossible for them to make an example of one of them for preparing with bird shot that he was able to save the remnant of his crop. When our customers taste this delicious melon they will be able to appreciate the discriminating taste of the able citizen who took such risks to get at this, the choicest type of his favorite fruit. Independent of the delicious flavor of the Green and Gold Watermelon, its rich golden color will make it most desirable as an ornament for the table, especially if its golden slices are used in company with the crimson of the elder sorts." Pkt., 5c.; oz., 15c.; lb., 30c.; lb., 60c.

I found your seeds more satisfactory than any I have ever used, and have great faith in what you recommend.

CHAS. WALLS,
Marion Co., Ills.

"Green and Gold" Watermelon.
Our prices include payment of postage by us. If seed is ordered by express 10c per pound may be deducted from prices quoted.

Stokes' Extra Early. The earliest of all the watermelons. In shape, it is nearly round; skin dark green, slightly mottled with white. The flesh is deep scarlet, remarkably solid, and in delicacy, sugar flavor is unsurpassed. Pkt., 5c.; oz., 30c.; 1 lb., 50c.; 3 lb., $1.00.

Phinney's Early. Flesh deep red, of very superior quality; early and productive; a valuable market variety. Pkt., 5¢; oz., 10c.; 1 lb., 25c.; 5 lb., 75c.


Mountain Sweet. Fruit oblong, dark green, rind thin, flesh red, solid, and very sweet. Pkt., 5¢; oz., 10¢; 1 lb., 25¢; 3 lb., 75¢.

Mountain Sprout. Large, flesh red and of excellent quality. It is rather late and will keep longer than Mountain Sweet. 1/2 lb., 25¢; 1 lb., 75¢.

Ferry's Peerless. Medium size; thin rind; flesh bright red, solid to the center and very sweet. One of the best for the home garden and market gardeners who deliver direct to the consumers. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 3 lb., 75c.

Be sure and send us an order, no matter how small. By doing so, you name is on our list for a catalogue next season.

STOKES' EXTRA EARLY.

Kentucky Wonder.—Kentucky Wonder, some three years ago, won First Prize over the Ironclad, Cuban Queen, and Kolb's Gem, for finest flavor and best quality. In 1888 several hundred free packets were sent to melon growers throughout the country for trial, and reports received well justified us in introducing this grand new melon to the public. Oblong in shape, skin dark green, marbled in stripes of light green, flesh a beautiful scarlet color, crisp, and not tough, rich and sugary, always firm, very solid and never mealy; attains an average weight of 40 to 60 lbs. Not a mammoth variety, but a real good old-fashioned Kentucky melon that has no equal for quality. The best all-around melon for home and market yet introduced. For seed, Kentucky Wonder has red seed. Pkt., 5¢; oz., 10¢; 1 lb., 25¢; 3 lb., $1.00.

The Boss. A distinct variety introduced a few years since. Skin is black green in color. Flesh deep scarlet, unusually sugary, crystalline and melting. The rind is very thin and tough, ripens early and is enormously productive. This is considered by many the very best table melon for family use. Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; 1 lb., 40c.

Seminole Watermelon.—We give here a fair representation of the new watermelon "Seminole." It possesses four qualities that will make it the most popular melon yet offered to the public: It is extra early, unusually productive, extra large, and of most delicious flavor. It is of two distinct colors, gray and light green. Melons of both colors are exactly the same in size, color, shape, color of seed, flavor, etc., and pronounced by competent judges as exactly the same melon in every respect. The gray color predominates, about one-fourth of the melons being of the light green color. Melons of both colors are found on the same vine. Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; 1 lb., 40c.

The testimonials, from which I select three or four, from Monticello, Fl., endorse it very highly:—

"I pronounce your 'Seminole' a perfect melon in every respect."—B. C. Pukin, Clerk County Court.

"I think your 'Seminole' is far superior to all other varieties that you grow."—J. R. Bred, Sheriff.

"I have never tasted a finer melon than your 'Seminole.'"—J. S. England, Mayor.

"I have never seen so large a melon of such delicious flavor as your 'Seminole.'"—J. M. Poston, County Judge.

Kolb's Gem. This variety is seemingly the best, taken all in all, of the several new varieties that have been introduced since the advent of the Cuban Queen. It has been largely grown and shipped to all the large markets in the country, and commission merchants who receive them say that it is one of the very best shipping melons that they know of. The melons attain a weight of from 25 to 50 lbs. Its flavor is of the best, and its keeping qualities are so good that it has been had in New York in perfectly fresh and good condition for two months after shipment. Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; 1 lb., 40c.

Hungarian Honey. This new variety was brought from Hungary in the summer of 1884. We can positively state that it is the richest and sweetest flavored of all watermelons. Pkt., 5c.; oz., 10c.

Ice Cream (White Seeded. True). Fruit of medium size, nearly round; skin pale green; rind very thin; flesh scarlet, solid, crisp, and delicious. Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; 1 lb., 50c.

Pride of Georgia. It is dark green in color, almost oval in shape, and ridged like an orange. It is an excellent shipping variety, and when full grown attains a large size. It also possesses in a marked degree crispness and sweetness of flavor. Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; 1 lb., 50c.

Melon-growers who 'use large quantities of seed, please write for special prices.

The Seedsman's word is all the guarantee you can get that the Seed is right until you see the product. Therefore buy your supplies from a responsible Seedsman.
This is one of the most important products of the Market Garden, and the value of the crop depends more directly upon the quality of the seed than any other vegetable. Seed of strong vitality and absolute purity, grown with proper care from only fully developed onions is positively essential to insure a bountiful crop.

For several years the Market Gardeners of Chicago have endorsed the quality of our seed by planting it in increased quantities each succeeding year, and during the past season our sales amounted to more than twice the amount of last year. Market Gardeners do not knowingly, take risks in buying their seed. They cannot afford to. It is certain therefore, that their patronage is given only to those Seedsmen whom they consider entirely reliable. The best proof that a Seedsman is worthy of confidence, is shown by the extent of his local market garden trade, and it is well known that we have the largest trade in this line of any house in the West. Upon this ground we stand, enjoying the confidence of the Chicago Gardeners, to an extent never before equaled by any Seed House. We each year, add to the number of customers, and more fully cement the confidence already reposed. Surely, nothing further than this is needed to establish the claim that our Onion Seed is equal, if not superior, to any in the country.

Extra Early Flat Red.—This variety matures unusually early. At first, it is of mild flavor and a good keeper, of medium size, deep red color; very close grained, solid and heavy. This will often form bulbs in cold and muddy soils, where other varieties fail. Pkt. 5c.; oz. 10c.; 1 lb. 50c.; 5 lb. $1.25.

Early Red Globe.—Not quite as early as the Extra Early Red. Thicker and a splendid keeper. Pkt. 5c.; oz. 10c.; 1 lb. 50c.; 5 lb. $1.25.

Early Yellow Danvers.—A good variety, but not as round, or quite as early as the Yellow Globe. Very productive. Pkt. 5c.; oz. 10c.; 1 lb. 50c.; 5 lb. $1.25.

Round Yellow Danvers.—An early variety, a good keeper, and an excellent market sort. It is of good size, and has a thin yellow skin. Pkt. 5c.; oz. 10c.; 1 lb. 50c.; 5 lb. $1.25.

White Globe Danvers.—Also known as "Round." "Pedigree," in some localities. This fine onion has been grown for many years the only sort grown for the Chicago market. The true Boston type is large in size. An early and abundant cropper. Very thick bulb, flat or slightly convex bottom, full oval top, with small neck and thin, brownish yellow skin. Seed from this type is more sure to bottom well than when grown from onions having too much depth of bulb or globe-shaped. These tend to drop into thick necks or scallions. We ask attention to the seed we offer, which was grown from fine and perfect seed and came from an early variety of which we ever saw. and we unhesitatingly recommend it as superior in quality, and occupying no second place to any of the variety to be obtained. Pkt. 5c.; oz. 10c.; 1 lb. 50c.; 5 lb. $1.25.

Yellow Strassburg or Dutch.—One of the oldest varieties; bulbs quite flat, of good size, skin yellow; flesh white; of mild flavor, keeps well. This is the variety that formerly was used very extensively for growing Yellow Onion Sets, and while still good for that purpose, it has of late years been nearly superseded by the Yellow Danvers. Pkt. 5c.; oz. 10c.; 1 lb. 50c.; 5 lb. $1.25.

Southport Large Yellow Globe.—Like the well-known White Globe Onion, except in color of skin. This is more perfectly globe-shaped than the Yellow Danvers, but not so early; an excellent keeper. A popular variety in New England and elsewhere. A heavy cropper, handsome in appearance, and of large size. Pkt. 5c.; oz. 10c.; 1 lb. 50c.; 5 lb. $1.50.

Large Red Wethersfield.—Of large size and fine form; skin deep purplish red, flesh pure white; skin thick and firm, of good quality, and a splendid keeper. Intense crops of this are grown for shipment, and it certainly is one of the very best sort for market. Pkt. 5c.; oz. 10c.; 1 lb. 50c.; 5 lb. $1.50.

Large White Globe.—A large, round, globe onion; skin thin, fine-grained, of mild flavor; keeps well. This is one of the handiest onions, and is of regular shape, clear, white skin, and commands the highest market price. This is the best variety to sow for bunching. It is used almost exclusively by Chicago market gardeners for this purpose. Market gardeners should try this sort without fail. Pkt. 5c.; oz. 10c.; 1 lb. 50c.; 5 lb. $2.00.

Leonard’s Types

STANDARD AMERICAN ONIONS.

Large Red Globe.—Matures nearly as early as the flat sorts, and is very similar in all respects except color, to the Southport Yellow Globe, but ripens somewhat later. It grows to a large size, and is particularly mild and tender. A good keeper, and considered one of the best of the red onions. Pkt. 5c.; oz. 10c.; 1 lb. 50c.; 5 lb. $1.25.

White Portuguese.—Very desirable for family use; flavor mild and pleasant; skin silvery white; of handsome appearance; highly esteemed for pickling when young, also for market in early winter. This is the variety of which White Onion Sets are grown. Pkt. 5c.; oz. 10c.; 1 lb. 50c.; 5 lb. $1.25.

Hard Round White Dutch.—Produces small, handsome onions, with an opaque white skin that does not turn green by exposure to the sun. The onions are very compact and hard, but the same time crisp and brittle. Altogether a good pickling onion. Pkt. 5c.; oz. 10c.; 1 lb. 50c.; 5 lb. $1.25.

Leonard’s Chicago Silver Skin.—A new, early pickling onion, of exceedingly handsome appearance, with silver white skin and flesh. Tested last year by many of our large onion pickers. It was said to be the finest variety they had ever seen, and many of our market gardeners, who supply the pickle factories on coast, consider this new variety far and away the finest variety of Queen, because it will keep much better; and it is also preferable to Portuguese because this variety of many to be obtained very few, even when standing thinly in the row. It is entirely distinct, and is the best pickling onion known. Pkt. 5c.; oz. 10c.; 1 lb. 50c.; 5 lb. $2.00.

Dutch Mix, Sept. 20.

Your Yellow Globe Onion gave me real good satisfaction.—Wm. WALTERS, Market Gardener.

I find your Large Red Wethersfield and Yellow Globe Danvers very superior strains.—JAMES LITE, Richmond Co., N. Y.
RED VICTORIA.

Fine oval-shaped onion. Skin is very dark in color, almost blood red; flesh is very light rose color or white. He quick growth, exceedingly mild flavor and large size make these onions very popular. They are most desirable and profitable. Without any extra cultivation these onions attain a size of from two to four pounds. If properly cultivated enormous crops may be produced. They will succeed well anywhere. Pkt., 5c.; oz., 25c.; 1/4 lb., 60c.; lb., $2.25.

White Victoria.

Like the foregoing; skin is silvery white, sometimes shaded with a delicate light rose color. The flesh is milky white, very juicy and sweet. This grows equally as large as the Red Victoria, and has the same peculiar oval round shape. Pkt., 5c.; oz., 25c.; 1/4 lb., 75c.; lb., $2.50.

ITALIAN ONIONS.

Giant Yellow Rocca.—Of all the magnificent Italian onions now in cultivation none are more popular than the Giant Rocca. This variety is of the same fine quality and grows equally as large as the Red Rocca, which it resembles in every respect, except that the skin is of a beautiful rich yellow color, making it one of the handsomest onions grown. Pkt., 5c.; oz., 25c.; 1/4 lb., 60c.; lb., $2.00.

Giant Red Rocca.—This magnificent variety is of beautiful globe shape, skin red, flesh white, of mild, pleasant flavor. Valuable either for autumn or spring sowing. It will readily produce onions of one and a half to two pounds in weight the first year from seed. Pkt., 5c.; oz., 20c.; 1/4 lb., 60c.; lb., $2.50.

Neapolitan Marzajola.—A large, beautiful, silvery white skinned variety, of handsome flat shape, of very fine flavor and quality. Sown in February or March it will produce a splendid crop early in the season. In May and June this onion has almost a monopoly of the markets in Italian towns. Seed sown in July will mature a crop the same season. Pkt., 5c.; oz., 20c.; 1/4 lb., 75c.; lb., $2.50.

Giant Rocca of Naples.—A well known variety, of very mild, delicate flavor, immense size, handsome globular shape, and light, reddish brown skin. It is valuable both for autumn and spring sowing. Pkt., 5c.; oz., 20c.; 1/4 lb., 75c.; lb., $2.50.

New Mammoth Pompeii.—(Red Garganuus.) This is a very fine Italian variety, rivaling the large Silver King or Giant White Garganuus in weight. The skin is a delicate red, the flesh is close-grained and nearly white. It is of a very mild flavor. Pkt., 5c.; oz., 20c.; 1/4 lb., 75c.; lb., $2.50.

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., 5c.; oz., 25c.; 1/4 lb., 75c.; lb., $2.50.

Madrid Giant—New.—A large onion of recent introduction. Grows quickly to a very large size. The skin is a handsome red, flesh pure white and fine-grained. We hope that every customer who grows onions will try the Madrid Giant. Pkt., 5c.; oz., 30c.; 1/4 lb., 75c.; lb., $3.00.

New White Queen is a fine, early silver-skinned variety, of beautiful form and rapid growth and possessing fine keeping qualities. Seeds sown in early spring will produce onions from one to two inches in diameter in early summer, or if sown in early summer will be fit for use by autumn. Pkt., 5c.; oz., 15c.; 1/4 lb., 60c.; lb., $2.00.

Silver White Etna or Extra Early Pearl.—A very fine, new Italian variety that grows quickly to a good marketable size. Very popular, particularly in the south. The bulbs are round, flattened, with a delicate, pure white skin. Flesh very mild and pleasant in flavor. It is claimed to excel most other onions of Italian origin in keeping qualities. Pkt., 5c.; oz., 15c.; 1/4 lb., 60c.; lb., $2.00.

Giant White Rocca.—This splendid new Italian onion is one of the handsomest varieties in cultivation. It cannot fail to sell readily in market in competition with the finest onions imported from Spain and Italy that command such high prices. It is a very distinct variety, almost perfectly globular in shape, with a beautiful silvery skin, flesh pure white, flavor very mild and delicious. Pkt., 5c.; oz., 20c.; 1/4 lb., 60c.; lb., $2.00.

White Italian Tripoli.—(El Paso or Large Mexican.) Of large size and most beautiful form, with fine, white skin. The first season it will grow an onion from one to one and a half pounds, but to attain the full size the bulbs should be set out on the following spring. Pkt., 5c.; oz., 25c.; 1/4 lb., 75c.; lb., $2.50.
THE THREE

KINGS.

NEW MAMMOTH ONION—SPANISH KING.

This new and handsome variety is a splendid type of the celebrated Spanish fancy onions, which anually imported into the United States from Spain and sold by confectioners and fruiterers in our large cities, at from twenty-five to fifty cents each, and even higher. In 1889 we succeeded in securing a small quantity of this seed, which we distributed among our customers. The results have been astonishing, as the onions grown here quite rival the imported ones, in great beauty and enormous size, weighing in many cases from three to three and three-fourth pounds each, eclipsing in size and beauty the Silver King, Giant Roca, Tripoli, and other fine Italian sorts. We have received hundreds of testimonial letters from the growers, who all agree in pronouncing the Spanish King the largest, handsomest and most wonderful variety they have ever grown. The above engraving is an exact representation of a fine specimen, weighing three and three-fourth pounds, and shows their handsome shape. The outside skin is of a rich yellow color, while the flesh is white and so sweet, mild and tender that they can be eaten raw like an apple. The seed we offer is our own growing, from imported bulbs, and can be relied upon. We hope that every customer who grows an onion will include at least a packet of the wonderful Spanish King in their order.

The well-known agricultural paper, Orchard and Garden, December, 1887, contains the following in its notes on onion tests:

"We grew twenty-three varieties from seed, side by side, the past season. Among these, the Spanish King 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 a number of other Mammoth sorts.

Prices: Pkt., 5c.; oz., 20c.; 4 lb., 75c.; lb., $2.50.

NEW MAMMOTH ONION—COPPER KING.

This is without doubt the largest growing red onion in the world. We have seen very large specimens exhibited at Fairs the past season. The skin is of a handsome dark red color, very delicate and fine in appearance. The flesh is pure white, exceedingly fine grained and remarkably mild and pleasant to the taste. No other variety attains such an enormous size, nor will any sort growing so large be so uniform and perfect in shape. All who try this onion will find that the claims are not exaggerated, but in every case equal or surpass them. Try it and be convinced. It is a good companion to the Silver King for exhibition purposes, and as a market onion to sell in the fall, it is unsurpassed. Pkt., 5c.; oz., 20c.; 4 lb., 60c.; lb., $2.00.

NEW MAMMOTH ONION—SILVER KING.

The Mammoth Silver King Onion, named and introduced in 1874, grows to a most remarkable size—larger than any other variety in cultivation, exceeding only the New Mammoth Spanish King. The bulbs are of attractive form, flattened, but thick through, as shown in the illustration above. The average diameter of the onions are from 5 to 7 inches—thus making the circumference from 15 to 22 inches. Single bulbs often attain weights of from 2l to 4 lbs. each. The skin is a beautiful silvery white; the flesh is snowy white, and of a particularly mild and pleasant flavor. So sweet and tender is the flesh that it can be eaten raw, like an apple. The Silver King matures early, and is uniformly of large size and perfect form. Pkt., 5c.; oz., 20c.; 4 lb., 75c.; lb., $2.50.
LEONARD'S
YELLOW GLOBE.

For some years we have been selecting from our onion tests a type of Yellow Globe which to us seems more specially adapted to the needs of the market gardener than any other. This strain of Yellow Globe has become very popular with our Chicago market gardeners who find that it yields more to the acre, is of larger size, more uniform shape, a better keeper and sure to bottom than any other onion known. The perfect globe shape which it attains early in its growth makes it valuable to bunch when shipped and brings a good price, while the large even size and handsome yellow-brown skin of the matured onion sells it on sight at an advanced price. Our illustration shows the true shape of Leonard's Yellow Globe and the type is so 'thoroughly established' that seed of this strain never fails to produce just such onions Pkt., 5c.; oz., 20c.; ½ lb., 60c.; lb., $2.00.

New White Barletta.

This is the earliest variety of the small white onions, being two to three weeks earlier than Queen. They grow very uniform in size are very small and altogether the best variety for pickling. The extreme earliness of the Barletta cannot fail to make it popular with everybody as it matures bulbs about as early from seed as any of the others do from sets. We think our customers will find the new Barletta onion a good thing and all of them should buy it. Pkt., 5c.; oz., 20c.; ½ lb., 60c.; lb., $2.00.

Bermuda Onion.

This is a well-known variety in the markets and stores of all our large cities. It is imported usually from Bermuda and is to be found on sale very early in the spring. It has been planted in the south and successfully raised and shipped to northern markets bringing a good price always.

We have grown some of the seed from imported bulbs and find that it does well in our climate. It is much earlier than any of our American onions and for early market it can be successfully raised and commands a good price as onions always do coming in between southern shipments and our own regular season. We strongly advise gardeners to try it, and recommend it to all our customers as a valuable onion for summer use. Pkt., 5c.; oz., 20c.; ½ lb., 75c.; lb., $2.50.

Leonard's New Snowball.

This new and exceedingly handsome variety is of rapid growth and a splendid keeper. It attains an enormous size, being the largest white skinned onion grown. It is a perfect globe in shape, has a thin silvery white skin. The flesh is firm, mild, and of the finest quality.

For exhibition purposes it has no superior and its only equal is our Mammoth Silver King. We confidently recommend this new onion to all who desire a good thing. It will be found equal to every demand made upon it.

We tested some of our stock seed of this onion the past season and was surprised to note the distinct form and large size of the bulbs. For a globe shaped onion its size is remarkable. Many gardeners who saw the specimens at our stand confidently believe that they were home grown. We told them it required very rich loamy ground to produce such specimens, but ordinary treatment would prove Leonard's Snowball better than any known onion for size and appearance. Pkt., 5c.; oz., 20c.; lb., $3.00.
MUSHROOM SPAWN.

The mushroom is one of the most profitable crops grown, especially in the vicinity of large cities, where the demand at all times is in excess of the supply. Its cultivation may be carried on successfully in a cellar or a shed during the winter, or in open air during summer.

MUSHROOM SPAWN

By mail: English 1-lb. bricks, 25c.; French 2-lb. boxes, $1.50. By express, not prepaid: English per lb., 25c.; French, per lb., 20c.; $1.00.

PARSNIIPS.

Guernsey, Improved.—(Leonard's Avondale Stock).—There has been much trouble through the west to get a good stock of parsnips that would grow to a good size and be of good quality. This is the improved Guernsey, having it to be a stock that will make a good-sized root without running so deep in the ground. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 5 lb., 60c.

Hollow Crown, Improved.—An improved strain of Hollow Crown, described and well known kind. Superior in quality. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 5 lb., 60c.

OKRA, or GUMBO.

This plant is extensively cultivated for its green pods, which are used in soups and stews, and are very wholesome and nutritious.

Improved Dwarf Green.—Very early. Smooth pods. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 5 lb., 60c.

Long Green.—Long, ribbed pods, very productive. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 5 lb., 60c.

White Velvet.—Round, smooth pods, very unlike the other varieties, which are all ridged. Larger pods than any other okra. Produced in abundance. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 5 lb., 60c.

Carter's Champion Moss Curled.—A very fine English sort; leaves beautifully curled. A standard variety. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 5 lb., 60c.

Convent Garden Garnishing.—Very finely curled; an elegant sort. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 5 lb., 60c.

Plain.—Leaves plain, longer than curled sort and stronger in flavor. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 5 lb., 60c.


Rooted Hamburg.—Large. The root is used for flavoring. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 5 lb., 60c.

Parsley.

Emerald.—Distinct in appearance from any of the other varieties, being of a lighter and more brilliant shade of green. The plant is of dwarf habit, with leaves finely cut and very curly. To grow for the market as well as for private gardens we commend this sort. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 5 lb., 60c.

Double Curled.—Finely curled dwarf; good garnishing sort. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 5 lb., 60c.

Carter's Champion Moss Curled.—A very fine English sort; leaves beautifully curled. A standard variety. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 5 lb., 60c.

This plant is extensively cultivated for its green pods, which are used in soups and stews, and are very wholesome and nutritious.

Garden Peas.

This new pea is becoming so well known to market gardeners around Chicago that it is not necessary to describe it, but for those at a distance and to whom it is not known we will say it is one of the finest branching, tall, wrinkled mares yet introduced. It is immanently productive, of the finest quality and excellent, savory flavor. Vines very strong, averaging eighteen to twenty pods per stalk. The pods are of a large size and closely packed with seven to ten large, delicious peas; height, 3 feet. Every private garden should contain some of these magnificent peas. They are a sight worth seeing when in growth and are luscious in quality when on the table. Every market gardener should grow them, as they are very salable. The pods being a bright green and retain their color after being picked for a long time, so that they are salable after being picked several days, while the pods of Black Eye Marmorfats turn white and unsalable. On the Chicago market they command at least one-third higher price than any other pea.

Pride of the Market is the sweetest and best pea for family use of any we ever tried. We have used nearly every variety known to the seed trade and consider the Stratagem best of all.

"WM. TOMPKIES, Traverse City, Mich."

Garden Peas. The pride of the market and handsome in appearance and the peas are splendid when cooked. See cut.) Pkt., 5c.; oz., 10c.

On all PEAS pints will be furnished at one-half the quart rates, and HALF-PINTS of any variety will be 15 cents.
For the past six years this pea has been one of the first to appear on the Chicago market, and the wholesale price realized for it has often reached $5.00 per bag of 1½ bushels in pod. In 1896 it was tested with forty different varieties of extra early, and it proved to be the first and best of them all. For earliness, productiveness and uniformity in ripening, it excels any stock of extra early peas which we know of, proof of which appears from the fact that the past four years it has been grown in competition with the claimed earliest stocks sent out by Eastern houses, and in no instance has it failed to distance the best of them in each of the three points above mentioned. It has been widely distributed the past four years, and from all points comes the same cheering report: "Your First and Best of All Peas are all that you claim for them, and the earliest and most productive of any I have tried." Pkt., 5c.; pt., 30c.; qt., 40c.

American Wonder.—One of the earliest peas in cultivation, very dwarf and prolific. The sweetest and best early pea for family use; height, 10 inches. Pkt., 5c.; pt., 30c.; qt., 40c.
Boston Extra Early.—A great favorite as a first early around Boston. Pkt., 5c.; qt., 30c.
Philadelphia Extra Early.—This popular strain is planted very largely about Chicago. Ours is pure stock, grown expressly for us by a grower of long experience. Pkt., 5c.; qt., 30c.
McClellan's Little Gem.—A very dwarf wrinkled pea, very prolific and of superior flavor; a first early, 1 foot high. Pkt., 5c.; qt., 30c.
Extra Early Premium Gem.—Similar to Little Gem, but quite an improvement. Pkt., 5c.; qt., 30c.
First and Best.—We have a fine stock of this well known pea. Pkt., 5c.; qt., 30c.
Dan'l O'Rourke.—An old market variety. Pkt., 5c.; qt., 30c.

Black Eye Marrowfat.—A well-known variety, used both as a table and a field pea; height 3 feet. Pkt., 5c.; qt., 30c.
White Eye Marrowfat.—Similar to the preceding except in color. Pkt., 5c.; qt., 30c.
Dwarf Gray Sugar.—Used like snap bean; also extra shelled. Pkt., 5c.; qt., 30c.
Tall Grey Sugar, Edible Pods.—Can be used either shelled or cooked in the pods, which, when young, are very tender and sweet; 5 feet high. Pkt., 5c.; qt., 30c.
Canada Field Peas, for sowing broadcast. Market price at present, $3.50 per bushel.

Illis' Abundance.—A second early variety, attaining a height of 2 feet. Pods, 8 to 10 inches long, roundish, and well filled, containing 6 to 8 large wrinkled peas of excellent quality. This variety is remarkable for branching directly from the roots, forming a veritable bush, making it necessary to sow the seeds much thinner than usual. Six to eight inches apart in the row as near as the plants should stand. Pkt., 5c.; pt., 25c.; qt., 30c.
Yorkshire Hero.—A splendid and popular wrinkled green marrow pea of branching habit and an abundant bearer. Height, 2½ feet. Pkt., 5c.; qt., 30c.

Champion of England.—This is yet, by general consent, acknowledged to be the best of the late varieties. It is a tall growing sort. The pods and peas are of the largest size and excellent quality. Height, 5 feet. Pkt., 5c.; qt., 30c.

Maud S.—This finely popular strain of extra early peas has given good satisfaction in many parts of the country, and many growers have found it to be an earlier strain than any that they have yet tried. Owing to the good reports given of this strain, we decided that we should catalogue it for 1898, and made arrangements with Mr. John Allen, of Canada, its originator, for a supply of his stock. Mr. Allen is a man of much experience and excellent repute, and any stock of peas coming from him may be relied upon as being what he claims for it. The introducer describes the Maud S. as follows: "This is a first early market pea, much similar in season and habit of growth to such standard peas as "First and Best," "Earliest of All," "Daniel O'Rourke," "Philadelphia Extra Early," but our carefully selected strain of Maud S. beats them all. Height of vine, 2½ feet, prolific, and of as good quality as any of this class of extra early peas." Price per pkt., 5c.; pt., 25c.; qt., 30c.

McLean's Advance.—A second early green, wrinkled variety, of delicious flavor; height, 2 feet. Pkt., 5c.; qt., 30c.
Blue Imperial.—A good bearer and of fine flavor; height 3 feet. Pkt., 5c.; qt., 30c.
Horsford's Market Garden Pea.—The best second early pea, a cross between the "Alpha" and the "American Wonder." It grows from 20 to 30 inches high, is very stocky, and requires no bedding. It is extremely prolific and bears its pods always in pairs. On some of the best plants, over 150 pods have been counted. It has yielded at the rate of over fifty bushels per acre. The shelled crop of this sort weighed nine ounces more than that of any other kind of the twenty-eight kinds tested at the Ohio Experimental station. Pkt., 5c.; pt., 30c.; qt., 30c.
Illis Everbearing.—A wonderfully productive variety, of branching habit, 18 inches to 2 feet in height; pods and peas very large and fine flavored. Pkt., 5c.; qt., 30c.
PEPPERS.

Ruby King.

The peppers often attain a very large size. They grow 4½ to 6 inches long by 3½ to 4 inches thick. When ripe they are of a beautiful, bright, ruby red color, and are remarkably mild and pleasant to the taste. No other variety is more productive, and certainly none more handsome in growth than the Ruby King. The plant is of sturdy, bushy habit, and each plant produces from 12 to 20 large, handsome fruits. Price per pkt., 5¢; ½ oz., 35¢; 1 lb., $3.00.

Squash or Tomato Shape.—Very large, flesh thick, mild and sweet; one of the best for pickling. Pkt., 10¢; oz., 25¢; ½ lb., 75¢; 1 lb., $2.50.

Sweet Mountain, or Mammoth.—Similar to the “Bull Nose,” but larger, sweeter and of milder flavor. Extensively used for mangles. Pkt., 5¢; oz., 25¢; ½ lb., 75¢; 1 lb., $2.50.

Coral Gem Bouquet.—This new pepper is the finest of the small sized varieties. Its beautiful pods of shining red color are so thickly set as to give it the appearance of a bouquet of corals. As a pot plant it has proven a most rapid selling article, for besides its great beauty it serves the housekeeper in a most convenient way when pods are wanted for seasoning. In the open ground the plants grow to the height of from 24 to 30 inches, so densely set with pods as to bend the branches down. Pkt., 5¢.

Ox Heart.—Of medium size, heart-shaped, of piquant flavor, very productive. Pkt., 5¢; oz., 30¢; ½ lb., 75¢; 1 lb., $3.00.

New Celestial.

A rare novelty from China. It is not only a most useful pepper, but one of the most beautiful plants in existence. The individual plant from which the accompanying illustration was made contained over 300 peppers. The plant begins to set peppers early in the season, and continues until frost, branching freely and bearing profusely. The peppers, up to the time they are full grown, are of a delicate, creamy yellow color, and when fully grown, change to an intense vivid scarlet, making a plant, when loaded with fruit, the most conspicuous in all the garden. A beautiful, perfect, small, and handsome, fully double the size of Golden Dawn, and of a beautiful, rich, golden yellow, tined with blush red where exposed to the sun. The peppers are as mild and pleasant to the taste as Ruby King, even the seeds being free from all fiery flavor. Price per pkt., 5¢.

Large Bell, or Bull Nose.—A large early variety of pleasant flavor. Pkt., 5¢; oz., 25¢; ½ lb., 75¢; 1 lb., $2.50.

Long Cayenne True.—The popular variety, used largely for mercantile purposes. A good pickling sort when the pods are in a green state, as well as when ripe. Small, cone-shaped. Color, deep scarlet. Pkt., 5¢; oz., 25¢; ½ lb., 75¢; 1 lb., $2.50.

Sweet Spanish.—One of the largest and earliest. Flesh sweet, mild and pleasant. Pkt., 5¢; oz., 30¢; ½ lb., 75¢; 1 lb., $3.00.

Cherry Red.—Small, round fruit, of a rich, glossy color, and extremely piquant. Pkt., 5¢; oz., 25¢.

Golden Dawn.—This variety is of a most beautiful golden yellow color, making it most elegant in appearance, either in growth or for table use. In shape they very much resemble the Bell, or Bull Nose, while in productivity they stand at the head of the list. The flavor is particularly sweet and mild, and entirely free from any fiery flavor, so much that they can be eaten out of the hand like fruit. Pkt., 5¢; oz., 30¢; ½ lb., 75¢; 1 lb., $3.00.
PUMPKINS.

Jonathan Pumpkin.—This is one of the finest varieties ever introduced. It is a good keeper, of large size, very prolific, smooth and even fleshed, being free from that coarse stringiness which many varieties have. The Jonathan is excellent for pies. The cut gives a good idea of its shape and character. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; ½ lb., 30c.

Gray Boulogne.—This variety originated in France, round, flattened in shape, usual size two feet in diameter and 30 to 35 pounds weight, but on well enriched soil often attains colossal proportions. The skin is of a grayish-green color. It is not a good keeper. Pkt., 10c.; ¼ lb., 20c.; ½ lb., 30c.

King of the Mammoths.—This is the largest of all the Pumpkins. It is grown for the best for exhibition purposes, having taken the premium over all pumpkins the past four years wherever shown. For pies it has no superior. The flesh is very thick, bright orange colored, and for flavor it excels any squash; either baked or boiled it is delicious. The skin is salmon colored, shape flat round, depressed at the bottom and stem ends. In appearance it is very handsome and in productiveness it is unequalled. Grown for stock feeding it will be found more economical than any other pumpkin. Pkt., 25c.; oz., 20c.; ¼ lb., 30c.; ½ lb., $1.00.

Large Cheese.—A very hardy and productive variety; the best for cooking purposes. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; ½ lb., 60c.

Connecticut Field.—The common yellow variety, usually grown for feeding stock. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; ½ lb., 60c.

Cashew or Crookneck.—Very productive and excellent size; color light cream, sometimes lightly striped. Pkt., 5c.; oz., 20c.; ¼ lb., 30c.; ½ lb., 60c.

Tennesse Sweet Potato Pumpkin.—There is no variety of pumpkin in cultivation that has given as great satisfaction as this throughout the length and breadth of this country. Our sales of it have nearly doubled those of other sorts, and we have never received a single complaint of its growth or quality. Hardy, productive, sweet and delicious, and is the best for cooking purposes ever introduced. Pkt., 5c.; oz., 20c.; ¼ lb., 30c.

Mammoth Tours.—So named from having originated near Tours, France, where it is largely grown both for feeding cattle and for table use. It grows to an immense size, but is rather hollow; flesh of a salmon color. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; ½ lb., 50c.

Espana Mammoth Red.—It grows round, flattened in shape, the skin is very smooth, bright red, and presents a most handsome appearance. Whether for exhibitions or on the market. It is thick-skinned; the flesh is very rich in color and of excellent quality. It matures early, and is always first to appear on the Paris markets. With good cultivation it attains mammoth weights, but in ordinary soil grows to an average size of about two feet in diameter. Pkt., 5c.; oz., 10c.; ¼ lb., 50c.

Banana Pumpkin.—Also called Custard Squash. The average size is eighteen inches in length by seven to eight inches in thickness. It has ten and occasionally eleven prominent ridges running lengthwise over the entire surface. The skin is of a rich cream color, fine-grained and of particularly fine quality for pies. It is a strong grower and very productive. Of very choice quality for autumn. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; ½ lb., 1.00.

St George's (Negro or Nantucket Pie Pumpkin).—This pumpkin was brought from the island of St George, Azores, to New England, about the year 1846. It has been cultivated ever since, and is highly esteemed as a good "Pumpkin-pie" pumpkin. It is oblong shaped, showing to twelve prominent ridges from stem to blossom end. The outer color of the skin, even when fully ripe, is a very dark green, almost black; flesh coarse grained color, fine and particularly fine quality for pies. It is a strong grower and very productive. It comes from Japan, and will unquestionably prove a valuable addition to our pie and cooking pumpkins. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; ½ lb., 50c.

Dwarf Essex Rape is described on page 4.

DUNKARD WINTER.

This splendid variety originated with the religious sect of Dunkards, in Bucks county, Pa., where it has had a local reputation for several years past. Their shape is well depicted in our illustration, engraved from a photograph. The outside skin is a rich, deep orange color, lightly striped. The flesh is very thick and of a beautiful golden yellow color, the richest flavored, sweetest and best of any pumpkin we have ever tested. 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. Pkt., 5c.; oz., 10c.
Early Ohio.—Now widely known and deservedly one of the most popular sorts. It has the advantage of being fit for use and sale even before fully ripe. We have a splendid stock, grown, as nearly all of our potatos, in the extreme North. Pk., 75c.; bu., $1.50; bbl., $3.50.

Beauty of Hebron.—One of the best early sorts; productive and of excellent quality. Pk., 50c.; bu., $1.00; bbl., $3.50.

Triumph.—As an early variety, this has given great satisfaction, particularly in the south. Very productive and of excellent quality. Pk., 50c.; bu., $1.00; bbl., $3.50.

Early Puritan.—Awarded the medal of excellence at the American Institute Fair in 1888. Pk., 75c.; bu., $1.50; bbl., $3.50.

Ohio Junior.—This new potato originated with Jas. Vick, in I887, who says: “Although a chance seedling, it is without doubt related to that good old sort, the Early Ohio, as it is almost identical with that variety in the form and marking of the tubers, habit of growth, etc. Probably the first and only instance where the Ohio has been reproduced from seed. It has been very promising from the time of its discovery, but wishing that its character might be fully established, we have deferred offering it until the season of 1888. The tubers are oval-oblong, round at the seed end, with full eyes that are almost even with the surface. It is an excellent keeper, very productive, of fine quality, and with, without doubt, prove to be a most valuable addition to our list of extra early varieties.” Pk., 50c.; bu., $1.00; bbl., $3.50.

Early Rose.—The leading variety for earliness, quality and productivity. Pk., 50c.; bu., $1.50; bbl., $3.00.

Early Sunrise.—Very early and productive. Pk., 50c.; bu., $1.50; bbl., $3.50.

Thorburn.—A very desirable early variety; very productive and of excellent quality. It is a seedling from "Beauty of Hebron," which it somewhat resembles, but it is a decided improvement on that variety. Pk., 50c.; bu., $1.50; bbl., $3.50.

Rural New Yorker No. 2.—Large and smooth variety, of excellent quality; white skin and flesh, with few and shallow eyes. Pk., 50c.; bu., $1.50; bbl., $3.50.

Van Orman’s Earliest.—One of the finest early: oblong, white skinned, fine cooker. Excellent for baking. Pk., 50c.; bu., $1.50; bbl., $3.00.

June Fattening.—A well known early variety, excellent in all respects. Pk., 50c.; bu., $1.50; bbl., $3.00.

Crown Jewel.—A self-seeding of the Early Ohio. It is a strikingly beautiful potato. 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, resisting drought, and its keeping qualities are equal to the best. The potato is an immense yielder and is fully a week earlier than the Early Ohio or Early Rose. Pk., 50c.; bu., $1.50; bbl., $3.50.

Empire State.—A main crop variety, wonderfully productive. The skin is white and smooth; flesh pure white; of fine flavor, and cooks very evenly. Pk., 50c.; bu., $1.50; bbl., $3.50.

St. Patrick.—Handsome, smooth and regular; oblong in shape, with very few and shallow eyes. It is a large yielder and of the first quality. Pk., 50c.; bu., $1.50; bbl., $3.00.

White Pinto.—Large, late, good quality and enormously productive. Pk., 50c.; bu., $1.50; bbl., $3.00.

White Star.—Large cropper; cooking qualities of the best; a good keeper. Pk., 50c.; bu., $1.50; bbl., $3.00.

Superior.—A seedling from White star. A very fine, late, white-skinned, kidney-shaped variety; a heavy cropper and a good keeper. Pk., 50c.; bu., $2.00; bbl., $3.75.

Rolley’s Northern Spy.—A fine main crop variety. Pk., 50c.; bu., $1.50; bbl., $3.00.

Johnson.—Excellent variety; medium late; fine large tubers. Pk., 50c.; bu., $1.50; bbl., $4.00.

Those of the standard varieties not listed in catalogue can be supplied at the following prices: Pk., 50c., bu., $1.50; bbl., $3.50.

NEW KOSHKONONG.

The Koshkonong is a new seedling potato, raised from the seed ball in 1888, by Thos. Crane, of Ft. Atkinson, Wis. It has been tested in different kinds of soil, with grandest success, through drought and blight of the severest kind, with several other varieties, and seedlings proved the peer of all, producing the heaviest crop, of the largest tubers, but very few small ones. Whoever plants this sort will find no deception, but a strong growing, a large tuber-producing, a good keeper; an excellent cooking, smooth, shapely and very desirable sort. The color is nearly white, shape very much like the snow Flake, but ripens later. We never have found a rotten Koshkonong yet. Per lb., by mail, 50c.; by express or freight, purchaser paying charges, Pk., 50c.; bu., $1.00; bbl., $3.50; of 100 lbs., $4.00. 
THE FREEMAN.

The Freeman potato has been advertised very extensively during the past two years, and has given excellent satisfaction to every purchaser. It is the early sort, a good cropper, very handsome in appearance, skin white and russety. In cooking qualities it is nearly equal to the old Snowflake, which variety it resembles in many particulars. The Freeman will undoubtedly please every one who buys it. Our stock is grown from seed bought direct from headquarters.

Primus.—New; the first, as its name indicates, to mature and ripen, and the very earliest variety grown. Succeeds well in Canada, where few kinds will ripen, and is especially adapted to planting for north. Leaves large, there fine and textures alkys; yields big crops of extra fine quality which commands top prices. It behoves planters to take the least risk and plant a variety that will ripen in time to be harvested before fresh crops comes to destroy the crop. They have it in the Primus. New and scarce. Price per pkt., 10c.; oz., 40c.; 6 ozs. for $1.00.

Yellow Oronoka.—A reliable old yellow variety grown for more than fifty years, and improved with reference to the production of yellow stock. Pkt., 5c.; oz., 25c.; lb., $2.50.

White Stem Oronoka.—From the Yellow Oronoka, which it resembles. Pkt., 5c.; oz., 25c.; lb., $2.50.

Pennsylvania Seed Leaf.—Newest and best strain of this standard variety, of which more is sold and planted than of all others of the cigar kind combined. Pkt., 5c.; oz., 25c.; lb., $2.50.

Persian Rose.—Finer than the Muscadel, and may be relied upon to make the best cigar. Pkt., 5c.; oz., 25c.; lb., $2.50.

Yellow Pryor.—Prefered by many for brights, and succeeds where other yellow sorts fail. The west is giving it preference. Pkt., 5c.; oz., 25c.; lb., $2.50.

Gen. Grant.—Early. Pkt., 10c.
Leonard's New Three Leaf Radish. So named on account of its extreme earliness and the fact that when there are three leaves formed beside the seed leaf it is large enough to eat and has grown to table-size in fourteen days from time of sowing. It is a much improved form of the well known Scarlet Olive. Fleshy, very tender and white, while the skin is a very bright scarlet, making a most beautiful appearance when bunched for market. Mr. Otto Paul says, in February, 1898, he grew a crop of the Three Leaf Radish in his greenhouse at the same time with Lettuce and that fourteen days from planting he pulled the radishes and sold them at a handsome profit, viz. 20 cents a bunch of four radishes.

**Leonard's New Three Leaf Radish.**

**New Deep Scarlet Turnip (Forcing).**

This is a very bright colored scarlet turnip radish, very early, and short leaf; well adapted to forcing under glass; matures in 14 to 15 days, and its appearance will sell it in any market. Pkt., 5c; oz., 10c; ½ lb., 20c; lb., $1.00.

**SCARLET TURNIP WHITE TIP FORCING.**

**Early Scarlet Turnip.** The standard early Turnip Radish. Fine flavored and mild. Pkt., $0.15; oz., 15c; ½ lb., 25c; lb., 50c.

**Early White Turnip.** Very early. Flesh white, mild flavored. Pkt., 5c; oz., 15c; ½ lb., 25c; lb., 50c.

**White Tipped Scarlet Turnip.** This is an early variety of medium size, excellent flavor, and of very handsome appearance. Color, deep scarlet tipped with white. A great favorite in the Chicago market. Pkt., 5c; oz., 25c; ½ lb., 25c; lb., 50c.

**Gray Summer Turnip.** An excellent variety for market or private use. Pkt., 5c; oz., 25c; ½ lb., 25c; lb., 50c.

**Long Scarlet Short Top.** The standard early long radish for summer. Pkt., 5c; oz., 25c; ½ lb., 25c; lb., 50c.

**French Breakfast.** Olive-shaped, scarlet, with white tip; crisp and tender. Very early. A general favorite. Pkt., 5c; oz., 10c; ½ lb., 20c; lb., 50c.

**Early Carmine.** An extra early variety of turnip-shaped radish. It is very mild and crisp. Flesh is white; the color is carmine, and the radish looks bright even when wilted. This is therefore very saleable on the market even on the hottest days, when other radishes look dull and dry. Pkt., 5c; oz., 10c; ½ lb., 20c; lb., 50c.

**SCARLET TURNIP TIP.**

**Giant Stuttgart.** A new summer variety. Grows to a huge size and makes a very handsome vegetable. White flesh, very crisp and tender. Of good flavor and a good keeper. Pkt., 5c; oz., 10c; ½ lb., 20c; lb., 50c.

**China Rose Winter.** Standard winter variety. Bright rose color, medium size; quality very fine. Pkt., 5c; oz., 10c; ½ lb., 20c; lb., 50c.

**China White Winter.** Similar to above, differing only in color. Pkt., 5c; oz., 10c; ½ lb., 20c; lb., 50c.

**Long White Spanish.** A rather milder in flavor than the Long Black Spanish. Pkt., 5c; oz., 10c; ½ lb., 20c; lb., 50c.

**Rosy Gem.** Is a wonderful new radish. One of the very earliest in cultivation. Shape, a perfect globe; deep scarlet top, blending into pure white at bottom. Especially tender, crisp and delicious. Pkt., 5c; oz., 10c; ½ lb., 20c; lb., 50c.

**Scarlet Olive.** Very tender and a beautiful color. Early. Pkt., 5c; oz., 10c; ½ lb., 20c; lb., 50c.

**White Olive.** Similar to above, except color, which is white. Pkt., 5c; oz., 10c; ½ lb., 20c; lb., 50c.

**White Summer Turnip.** Excellent for summer use, of mild flavor. Pkt., 5c; oz., 10c; ½ lb., 20c; lb., 50c.

**Scarlet Globe.** This new variety is one of the finest for forcing and market gardening purposes. The radish is roundish, oval skin brilliant red; flesh white, solid, crisp, and very mild. The tops are very small. Pkt., 5c.

**California Mammoth White Winter.** A giant, white-fleshed Fall radish of excellent quality. Pkt., 5c; oz., 10c; ½ lb., 20c; lb., 50c.

**Long Black Spanish.** One of the hardest and best for winter use. Pkt., 5c; oz., 10c; ½ lb., 20c; lb., 50c.

**Charlifex.** Decidedly distinct in appearance from any Radish in cultivation. Its form is well shown by our engraving, the color at the top being crimson, running into pink about the middle, and from thence downward it is a pure waxy white. It will attain a very large size before it becomes unfit for the table. In fact, at nearly all stages of its growth its quality is excellent. Pkt., 5c; oz., 10c; ½ lb., 20c; lb., 50c.
Leonard's Giant Summer Crookneck.

Early White Bush.—This is one of the earliest and best of the summer varieties. Pkt., 5c.; oz., 10c.; 1 lb., 30c.; 5 lb., 60c.

Summer Crookneck.—Early, fine for summer use. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 5 lb., 60c.


Essex Hybrid (New).—A cross between the Hubbard and Turban. Is of the same color, flavor, dry, and sweet, and adds the keeping quality of the well-known Hubbard. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; 5 lb., 75c.

Butman.—Fine-grained, sweet and delicious. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 5 lb., 50c.

Colvin's Orange Marrow.—This variety is a selection from the Colvin's Hybrid squash. The skin has the appearance of a rough, dark-colored orange. In flavor it is the same. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 5 lb., 50c.

Marblehead.—Another new variety of the Hubbard type. Has a very thick and hard shell, with remarkable good keeping qualities. Is of a dry, sweet and delicious flavor. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 5 lb., 50c.

Mammoth Chili.—The largest of the squash family. Many seedsmen have tried to make a larger one, but without success. They have taken our first premium over all squashes. Our seed is from the original and from fine specimens. Price, Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 5 lb., 50c.

Boston Marrow.—Standard variety for interseasonalising. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 5 lb., 50c; $1.00.

Leonard's Improved Giant Summer Crookneck.—An improvement on the old summer Crookneck, as it grows full doubly the size and is just as early. Most of our Chicago market gardeners tried this strain the past season and were highly pleased with it, as they could sell their squash easily at a high price when other stock was a drug on the market. Pkt., 10c.; oz., 15c.; 1 lb., 25c.; 5 lb., 50c.

Leonard's Improved Mammoth White Bush Scallop.—One of the finest summer squashes grown. Very early and productive. Grows to an immense size, many of them being one foot in diameter. Color a creamy white and of fine flavor. Unparalleled for market or family use. Pkt., 10c.; oz., 15c.; 1 lb., 25c.; 5 lb., 50c.

Fordhook Squash. A fine squash of recent introduction. The introducer says of it: The engraving, reproduced from a photograph, shows the shape of the squashes and the solidity of a section. Of a handsome, bright yellow color outside, and a straw yellow within. The flesh is as dry as "Pipe's Peak," and much sweeter, making it the best in quality of all Winter Squashes. Placed in a cool, dry room, keeps in perfect condition throughout the winter and spring. From the photograph will be noticed a thick skin, in spite of which the squash is a prolific bearer of the finest quality and finest eating. Price, Pkt., 5c.; oz., 10c.; 1 lb., 20c.; 5 lb., 50c.

day State Squash.—Extremely solid, heavy weight, fine and dry grain, sweet flavor, excellent keeper; shell green, flesh bright golden yellow. Weight, 10 or 12 lbs. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 5 lb., 50c.

Hubbard.—A standard winter sort. They are very dark green, rough skinned, of good size. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; 5 lb., 50c.

Leonard's Selected Hubbard Squash.—Our market gardener's strain of this standard squash. We have made it a point for several years to display the specimens from which we take the stock seed that produces this strain, and it is the same as that used for the purpose. These specimens have surprised all visitors, including a few seedsmen, on account of their large size, uniform shape and perfection generally in all the characteristics which make the Hubbard the most popular winter squash. When we are asked to show the inside of them we do not hesitate to give it to the visitors, as stocks of the seed, and give specimens for all who wish to test the quality. In this way we have secured a local reputation as having an exceptionally good strain of Hubbard squash. We have never before had a sufficient supply of seed to warrant our cataloguing this strain, so that although our customers see it here for the first time, it is not in reality a new one. We can fully recommend it to all who desire the best possible stock of this popular squash. It is more warty, harder shelled, larger in size, of finer flavor and a better keeper than any ordinary stock of Hubbard, and the special care in selecting specimens for stock seed advances the price. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; 5 lb., 50c; $1.00.

Pineapple.—A fall and winter variety of the peculiar and certainly very distinct shape portrayed in our cut. Our representation sufficiently describes the shape of this variety and we have only to add that the color of the skin is a creamy white. In time of ripening it comes in with the Perfect Gem and is of excellent quality when quite young and keeps well all winter. It is a prolific variety, yielding from five to eight squashes to each vine. The flesh is also of a creamy white color, fine grain and splendid quality, with a rich coconut flavor. Pkt., 5c.; oz., 10c.; 1 lb., 50c.; 5 lb., 1.00.

Perfect Gem (New).—Great addition to the description squashes. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; 5 lb., 50c.

Mediterranean.—A very valuable new fall and winter squash, which, from its numerous excellent qualities, has proven a most valuable acquirement. They grow the same size as the Hubbard. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 5 lb., 50c; $1.00.
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 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. Per pkt., 5c.

Horsford Prelude Tomato. A new tomato made by scientifically crossing the Little Gem and Ace. I find this to be a nearly round, and remarkably prolific variety. It ripens among the earliest, is of a bright red color, and exceptionally free from rot. The one objection to it for market purposes is its size. For forcing under glass, or for raising in the south to be shipped north, I should think it an excellent sort. Per ounce, 25c.; pkt., 5c.

Ignotum Tomato. Of good size, rich color, nearly round, very solid, keeps its good flavor later in the season than most varieties. Not so liable to crack as the average of tomatoes. Very productive. Prof. Taft states, that, in a dry season, they produced double the crop, and were much more solid than the Mikado. The editor of the "Rural New Yorker" says, that on their grounds, they prove to be all that is claimed for them, and advises his readers to make trial of it. Pkt., 5c.

Mikado, or Turner's Hybrid. New; remarkable for its great size and the solidity of its fruit. The tomatoes average 12 to 18 ounces, and in diameter 4 to 4½ inches, they are entirely free from green core, and are extremely solid, containing very few seeds. The shape is round and even, but somewhat irregular in the very large fruits, color bright red, skin smooth and thin, but very tender to touch, very solid, and the evenness and evenness of flesh render it one of the handsomest tomatoes for slicing. In addition to the above good qualities, it is very productive. Pkt., 5c.; oz., 25c.; ½ lb., 75c.; lb., $1.00.

Volunteer. A cross of Trophy, and Canada Victor, crossed again with Perfection, combining their good qualities without retaining any of their objectionable features. It is of large size, averaging 8 ounces, round, very smooth, and perfect in form, color bright red. No core, very early, and when first ripening, ripening more abundantly than any other sort, a great advantage to market gardeners. Enormously productive, ripening well to the stem, and more free from rot than any. Pkt., 5c.; oz., 25c.; ½ lb., 75c.; lb., $2.50.

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 crimson-scarlet color, quite distinct and beautiful. It is also a splendid keeping and shipping variety. Pkt., 5c.; oz., 25c.; ½ lb., 75c.; lb., $2.50.

Red-Cross Tomato. This new tomato in form is of the Livingston class, round and handsomely but is earlier, being as early as any among the twenty-five varieties raised this season on my experimental grounds. It is even in size throughout the season, perfectly solid, a brilliant crimson in color, ripens close up to the stem, and bears harvesting better than most varieties. It brings an extra price in the markets of Boston. Price per ounce, 5c.; per package, 5c.

The Lorillard. Statement of Mr. John G. Gardner, the originator: "The Lorillard Tomato is the result of a cross between the well-known varieties Ace and Perfection, and was raised by myself. It is quite superior to Perfection when grown out of doors, but as it has a much better constitution, it will always outcrop that variety in poor soil especially. It sets freely, with four and five fruits to a bunch, all equal and of good size and the color, which is vermilion-scarlet, gives it great value. The shape is a plump-round, not quite so flat as that of Perfection, smooth and clean cut and when very far advanced in maturity taken on a blintish tint. As a variety for forcing under glass, it is the best. I have never seen in this country or in Europe, and I do not hesitate to state that it is without a rival in the important features of prolificity, color, flavor and solidity. Last winter, I grew from 300 ten cent pots seven thousand five hundred pounds of fruit, being an average of 25 pounds of fruit to a plant—all of fine marketable size, firm and handsome in appearance, while the flavor was equal to the best outside grown tomato. Pkt., 5c.; oz., 25c.;

Golden Trophy. A bright yellow type of the Trophy; early, large, solid; ripening well up to the stem. Pkt., 5c.; oz., 25c.; ½ lb., $2.50.

New Dwarf Champion. Dwarf, compact and valuable Tomatoes of recent introduction. Dwarf, still habit, scarcely needing any support. The foliage compact, stems smooth, and dark green. An is very early and wonderfully prolific. Color, rich bright scarlet. Is perfectly round and smooth, of medium size, contains few seeds, and is really more "meaty" than many Tomatoes twice the size. Pkt., 5c.; oz., 25c.
VEGETABLE PLANTS.

**TOMATO. CABBAGE. CAULIFLOWER. CELERY.**

PRICE LIST FOUND ON PAGE 63

At our Oak Glen trial grounds the coming season, we shall grow all our vegetable plants. Our facilities in this department will be unsurpassed. Overcome the constantly increasing popularity of Leonard's Garden Seeds with the market gardeners of every city in the West, we are frequently called upon to assist them to overcome the calamities of late frosts, unreasonable storms and drought. They depend on us for plants in all such cases and we always respond.

**Essex Early Hybrid.**

is the handsomest shaped and most profitable tomato for the market in cultivation, and will bear more marketable fruit than any other variety. It is very early, solid, rich-flavored, large in size, grows perfectly smooth, of a bright, purplish-crimson color, and is extremely productive. It possesses more of the important qualities of a perfect tomato than any other known sort. It ripens all over alike, leaving no green spots around the stem, so objectionable in some other varieties. Resembles Aces in color and shape, but is darker. I recommend gardeners to try this tomato, as it is as good in every way as the Aces, and has not the objection of cracking. Pkt., 5c.; oz., 1 lb., 75c.

**New Red Peach.**

A fine new yellow sort of first-class quality. It is solid, very smooth, free from ridges, large in size, ripens up early, and is a handsome sort. The larger and riper fruits are frequently tinged with red at the blossom end. It has very little acid and the quality is excellent. Pkt., 5c.; oz., 30c.; lb., $1.00.

**Ground Cherry, or Husk Tomato.**

This is much liked by many for preserves and for eating from the hand. The seed we offer is from the true yellow Ground Cherry; very prolific. Besides its use for preserves, it makes fine pies, and is very fine dried in sugar. Pkt., 5c.; oz., 30 cents.

**Golden Queen.**

A fine new yellow sort of first-class quality. It is solid, very smooth, free from ridges, large in size, ripens up early, and is a handsome sort. The larger and ripper fruits are frequently tinged with red at the blossom end. It has very little acid and the quality is excellent. Pkt., 5c.; oz., 30c.; lb., $1.00.

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**Yellow Plum.** A beautiful variety, usually principal for pickling and preserving. Pkt., 5c.; oz., 30c.; lb., $1.00.

**Red Cherry.** A small early variety, size and shape of a cherry; for pickling. Pkt., 5c.; oz., 30c.; lb., 50c.

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**Strawberry, or Winter Cherry.** The fruit has a pleasant strawberry-like flavor. Pkt., 5c.; oz., 30c.; lb., 50c.

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RHUBARB.

Victoria. Large, fine for cooking. Pkt. 5c.; oz., 15c.

Linnæus. Large, tender, and very fine. Pkt. 5c.; oz., 15c.

Roots. Each, by express, 10c.; per dozen, $1.00. By mail, 15c. each.

SALSIFY, OR OYSTER PLANT.

A very delicate and nutritious esculent, especially esteemed for its peculiar oyster flavor. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till spring.

Salsify. Per pkt., 5c.; oz., 25c.; lb., 50c.

Mammoth Sandwich Island. Pkt. 5c.; oz., 20c.; lb., 50c.; $1.50.

Scorzonera, or Black Oyster Plant. A very wholesome and agreeable vegetable, cultivated like Salsify, which it closely resembles. The roots should not be scraped, but simply washed, boiled tender, then peeled and served as asparagus.

Scorzonera. Pkt., 5c.; oz., 15c.; 1/4 lb., 40c.

SORREL.

This plant is considered valuable for its acid properties; mixed with salads it imparts an agreeable and refreshing flavor.

Large-Leaved French. Pkt., 5c.; oz., 15c.

SPINACH.

Extra Large Round Thick-Leaved, or Summer. One of the best for market purposes. Popular for either fall or spring sowing.

Savoy-Leaved. A very valuable variety, with wrinkled leaves, resembling the Savoy cabbage. It is very hardy and prolific, and rapidly gaining favor with market gardeners.

Prickly, or Fall. An exceedingly productive variety, adapted for fall sowing.

Large-Leaved Virolay. A very fine selection of the old leaved variety. For summer use it is excellent. Oz., 25c.; 1/4 lb., 50c.; 1 lb., 30c.

Long Standing New Summer to Round Leaved, but will stand two or three weeks longer on the ground before going to seed. Oz., 5c.; 1/4 lb., 15c.; 1 lb., 30c.

Long Standing Spinach.

TURNIPS.

Milan Strap-Leaved.

Early Snowball. A perfectly globe shaped white skinned turnip. It is exceedingly productive. The flesh is fine-grained, firm, and of very delicate flavor. It is one of the best keeping of the white fleshed sorts. Very early and particularly adapted for market garden use. We recommend it to market gardeners because it is hardy and fine appearance and a very profitable variety of Turnip. Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; 1 lb., 50c.

White Egg. Belongs to the class of quick-growing Fall Turnips, and for this purpose should be sown, in this latitude, between August 10th and 24th. Its shape is nearly oval or egg, as its name would indicate. Flesh very firm and fine-grained; thin and perfectly smooth skin, and both flesh and skin are of snowy whiteness. Its flavor is of the very best, mild and sweet, making it particularly desirable for table use, while its attractive appearance is certain to make it one of the most desirable turnips that can be cultivated for market purposes. Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; 1 lb., 50c.

Purple Top White Globe. An early variety, globe-shaped. Heavy cropper. In other respects similar to the Red-top Strap Leaf. A handsome looking bulb, and is rapidly taking the lead of all other varieties of early turnips for market garden purposes. Pkt., 5c.; oz., 15c.; 1/4 lb., 30c.; 1 lb., 50c.

Yellow Aberdeen. Very hardy and productive; good keeper; globe shaped. Color pale yellow, with purple top. Very firm in texture, and closely resembling the Ruta Baga in good keeping qualities. Good either for table or stock. Pkt., 15c.; oz., 50c.; 1/4 lb., 1.00; 1 lb., 50c.

RUTA BAGA, OR SWEDISH TURNIP.

Improved American. The best yellow fleshed, purple top variety grown for stock or table. Pkt., 5c.; oz., 10c.; 1/4 lb., 15c.; 1 lb., 50c.

Carter’s Imperial Hardy. An English variety resembling the preceding. Very productive and of fine quality. Pkt., 5c.; oz., 15c.; 1/4 lb., 25c.; 1 lb., 50c.

Shirking’s Purple Top. A very heavy cropper. One of the best for field culture. Pkt., 5c.; oz., 10c.; 1/4 lb., 15c.; 1 lb., 50c.


Sweet German. A superior variety for table or stock. Flavo flava, sweet and juicy. Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; 1 lb., 50c.

Luing’s Improved. One of the earliest of the Ruta Bagas. Forms a handsome bed of good quality. Keeps well; good for table use. Pkt., 5c.; oz., 10c.; 1/4 lb., 15c.; 1 lb., 50c.

Improved American.

White Ruta Baga. This variety is now very extensively cultivated, and preferred in many sections for its white flesh. It is very hardy and productive, keeps well until late in the spring, and is highly esteemed for its sweet, delicate flavor. Pkt., 5c.; oz., 10c.; 1/4 lb., 50c.; 1 lb., 50c.

The seeds I got from you last season were as good goods as I ever received from any seed house—strong, healthy and true to name.

W. B. Smith.
Lake Co., Ills.

I will say that all seeds I have bought of you proved O. K.

War. G. Wells.
Clinton, Wis.

The seeds I got of you gave very good satisfaction.

D. W. Terrill.
Lawn Hill, Ills.

The seeds I bought of you were always first quality.

John H. Anthony.
West Jersey, Ills.

The seeds I got from you were all bright, neat, free from black spot and disease. Montpellier, Ia.

I have to plant good seeds and that is the reason I have bought from you the past four years.

Mrs. H. B. Brooks.
Camilla Co., N. Y.
FUNGICIDES AND INSECTICIDES.

The Department of Agriculture at Washington, D. C., estimated that the annual loss to farmers in the United States by insects and fungus diseases exceeds $5,000,000,000.

POWELL’S COPPERINE.

Quart jugs, makes 50 gallons wash,.......................... $1.50 each.
5 gallon can, makes 250 gallons wash........................ $2.50
5 gallon bucket,................................................. $2.65
For Black Rot, Downy Mildew and Anthracnose of the Grape, Pear Leaf Blight, Rain, Pea, Apple, Powdery Mildew, Cercospora and Violent Rose.

POWELL’S GUICIDE POWDER.

25-pound boxes,.................................................. 6 cents per pound, $1.00 per box.
For Potato Blight, Potato Rots, Grape Vine Flea Beetles, Potato Bugs, Pear and Cherry Canker, Codling Moth, Nectarines and Strawberry Crown Borers. Can be used either dry or in solution.

POWELL’S BORDEAUX MIXTURE.

30-pound packages, 50 gallons wash........................ $1.00 per package.
For Black Rot, Downy Mildew and Anthracnose of the Grape, Pear Leaf Blight, Rain, Pea, Apple, Powdery Mildew, Cercospora and Violent Rose.

POWELL’S KEROSINE EMULSION.

6-gallon buckets, makes 75 gallons wash.................... $1.25 per bucket.
For Plant Lice of any kind, Cabbage Worms, Scale Insects on Apple, Pear, Orange, Lemon and other trees. Horn Flies.

POWELL’S CARBOLIZED SOAP.

1 gallon can, makes 12 gallons paint.......................... $1.00 per can.
For Peach, Apple and other tree borers, also for washing trees to prevent attacks of animals or mites.

The above prices DO NOT INCLUDE payment of transportation charges by us. Buyer must pay express or freight in all cases.

PEROXIDE OF CHLORATES.

THE GREAT BUG DESTROYER.

This insecticide comes in the form of a powder, and is easily applied. It effectually cleans cabbages of worms, lice, etc. Kills the potato bug and the Colorado potato beetle which work such havoc with the potato Vegetables, and all other vegetables, acting as a fertilizer as well as a sure thing to rid the garden of insect pests. For four years we have sold this article, and every report sent us is that the garden is free from pests.

Directions for Applying.—Use a small bag made of cheesecloth or coarse cotton, fill it about half full and dust the silicates through it. Use lightly on cucumber, squash and melon vines, as they are more tender than the potato or tomato. One application is usually sufficient for one season.

It is not a poison. It is not dangerous to handle, and will not hurt animals, children, or anything about the premises that can walk. By mail, post-paid, 1 lb., 15c.; by express, not post-paid, 5 lbs., 90c.; 10 lbs., 85c.; by freight, 25 lbs., $1.00, 100 lbs., $6.00.

FERTILIZERS.

Guanco.—Peruvian, guaranteed. 1 lb., 10c.; 10 lbs., 90c.; 25 lbs., $8.00.

Garden City Super-Phosphate.—Analysis: Ammonia, 2 per cent; phosphate of lime, 2 per cent; phosphate acid, 3 per cent; sulphur, 2 per cent; phosphate acid, 3 per cent; sulphur, 2 per cent. Stands without a rival as the largest, crop forming fertilizer. According to the most recent test, it is a complete manure. You can buy phosphates that cost $3.00 and $5.00 per ton more, but you can't buy one that will give larger increase of crops. Every bag is up to the standard and always equal in strength and mechanical condition to that heretofore sold. Price, per bag of 200 lbs., $1.95; five bags or over, per bag, $1.85.

Fine Raw Bone.—Analysis: Ammonia, 2 to 3 per cent; bone phosphate, 5 to 10 per cent. Every bag is guaranteed pure bone. It is made from the bones gathered from the abattoirs and from farms, without being steamed or baked. Price, per bag of 200 lbs., $4.95; five bags or over, per bag, $4.75.

National Bone Dust.—Analysis: Ammonia, 2 to 3 per cent; bone phosphate, 5 to 10 per cent. This is an old brand and has friends wherever the goods have been tested. For fifteen years it has visited the farmers in the spring and fall seasons, and it is just as reliable today as ever. First carload was shipped with one from not entirely free from meat, and rarely troubles the farmer when Jeffrings its a certain crop producer, and restores worn-out soil. Price, per bag of 200 lbs., $3.50; five bags or over, per bag, $3.00.

Florists’ Plant Food.—Analysis: Ammonia, 3 to 4 per cent; available phosphoric acid, 9 to 10 per cent; sulphur, 1 per cent. This article has been made for florists who desire to obtain an inexpensive, effective and odorless preparation that will act quickly on plants and furnish food for flower and leaf. Put up in bags at the following prices: 5 lbs., 90c.; 10 lbs., $1.00; 25 lbs., $1.75; 50 lbs., $2.50; 100 lbs., $5.00.

Rowley’s Phosphate Food.—In one-pound packages, containing a pamphlet on the treatment of house plants, with directions for applying the fertilizer. Perfectly odorless and clean. Per package, 30c.; post-paid, 40c.; per doz., $2.50.

Kainit, German Potash Salt.—Analysis: Sulphate of potash, 20.00 per cent; sulphate of manganum, 15.00 per cent; chloride of magnesium, 12.50 per cent; common salt, 20 per cent; mustard, 14.50 per cent; soluble matter, 1.50 per cent. A comparatively new fertilizer in this country. Price, per bag of 200 lbs., $2.50.

Nitrate of Soda.—Should be sown broadcast, and is very important to sow it creply. Two or three pounds on a square rod will be beneficial. Price, 25 lbs., $1.00; 50 lbs., $1.75; 100 lbs., $3.50; 200 lbs., $6.00; 500 lbs., $10.00.

Land Planter, or Gypsum.—Used by many potato growers. This is excellent to mix with Paris green at the rate of 1 bag of pluster to 1 lb. or Paris green. Per bbl. of about 300 lbs., on cars, $2.50; 5 lbs. for $1.00; 10 lbs. for $1.50, or $1.00 on cars at Chicago.

Leonard’s Fertilizer Mix.—In California, 3 to 4 per cent; available phosphoric acid, 8 to 9 per cent; sulphate of potash, 3 to 4 per cent. It can be applied either in the spring, summer or fall as a top dressing at the rate of one pound to sixteen square feet. Stable dressing for lawns is objectionable in appearance, odor, weed, and cost. Our Leonard’s Fertilizer Mix does all these, and supplies the soil with requisite food for a uniform and luxuriant growth of grass. Price, 10 lbs., 50c.; 25 lbs., $1.00; 50 lbs., $1.75; 100 lbs., $3.00.

LEONARD’S TRANSPLANTED VEGETABLE PLANTS.

We grow and lightly packed to carry long distances.

The fact that these plants are all grown from choicest stocks of seeds on our own grounds, is sufficient recommendation as to the genuineness of the varieties. Shipped by express only.

CABBAGE.—Early, Early and Early Second, Apriul 1st, late June 10th.

Early May 1st,.................................................. 80 40 70, 4.50
Henderson’s Early Summer........................................ 60 40 60, 4.50

Premium Flat Dutch.............................................. 70 50 70, 4.50

CELERY.—Ready June 20th. 1 lb., 50c.:

Perfection Heart.............................................. 75 50 65, 4.00
White Heart.................................................. 50 40 50, 3.00
Turnip Rooted................................................ 50 40 50, 3.00

CELERY.—Ready July 1st.

Dwarf Golden Heart............................................. 60 40 60, 2.50 $10.00 18.00

GIANT GOLDEN HEART.............................................. 60 40 60, 2.50 $10.00 18.00

White Feather................................................ 60 40 60, 2.00 $10.00 15.00

New Rose................................................ 60 40 60, 2.00 $10.00 15.00

POWELL’S QUASSIANE.

Quart can, 50 gallons wash................................. $1.50 per can
15 gallons, 100 gallons wash,................................ $1.50
2 gallon cans, 200 gallons wash............................ $1.50

This is a Concentrated Fluid Extract Quassia, held in suspension by Whipple Oil Soap. Tested and approved by the State Horticultural Board of Washington, as a cheap and reliable non-poisonous insecticide for Hopper Lice, Aphids and all scale insects. Nothing better for Rose Buds and House Plants.

POWELL’S SULPHO-STATITE POWDER.

25 pound boxes, used as dust................................. $2.50 per pound.
For Leaflure, Mildew, Powdery and Downy Mildew of the Grape, Rose Mildew and other Fungi diseases affecting plants under glass.

POWELL’S MIDLEW MIXTURE.

1 gallon can, makes 50 gallons spray........................ $1.50
For Powdery Mildew on Fruits and Vegetables.

POWELL’S SULPHOSOLUBLE PHOSPHATES FOR GARDENS.

100 pound bags................................................ $1.00

POWELL’S SULPHOSOLUBLE PHOSPHATES FOR GARDENS.

25 pound boxes, sufficient plant food for an one-eighth acre garden a whole season........................ $0.50
Full directions on each package of all goods made by us, so there will be no mistake in using.
SMALL FRUITS.

STRAWBERRIES.

The blossoms of those marked with a letter P are double type of strawberry, and are termed pistillate, and unless a row of a perfect flowering variety is planted at intervals, not exceeding one plant to a foot, the red flowers induce imperfect fruit and few, if any, of the plants, when properly fertilized, as a rule, they are more prolific than those with perfect flowers.

Bubach (No. 9 P).—A wonderful berry in vigor of plant and yield of fruit, even under careless culture. During the past season it has fully realized its reputation for large size and great yield. The fruit is in many instances enormous, and the average is large and handsome. It is exceedingly productive and very valuable for a near-by market.

Haverland, P.—Plants are very large, healthy, vigorous and ripen their fruit evenly and early, holding on through the season. Berries are fine, uniform in shape, very large, excellent flavor and bright red color. One of the best market varieties.

Jessie.—A stout, luxuriant grower; foliage light green, large and clean; berry large, a beautiful color, fine quality, good form, quite firm. Warfield No. 2 P.—A variety that is very likely to surpass the Crescent, which it rivals in yield and excels in size, beauty and firmness. Quality pleasant, subacid, good. This is an extra large, a handsome, very large, healthy foliage. One of the few sorts that has sustained the claims made for it by its introducers, and we can confidently recommend it as one of the most promising for a market berry. Early Sharpless.—One of the very largest berries of the entire collection, and has maintained its high reputation for vigor of plant, size of berry, flavor and productiveness; flesh firm, sweet, with a delicate aroma; of fine quality, color clear light red, with a smooth, shining surface.

Michel's Early.—The earliest good market variety, resembles Crescent, but ripens several days earlier and is much firmer. Plants large and give the best of satisfaction in any hand.

Crescent, P.—This has been the great market berry for years, but is now being surpassed by larger and better varieties. It is a strong grower, enormously productive, of good color, medium size and fair quality.

Lureka, P.—Plants very vigorous, as much as so Crescent. Berry is very large, rather light colored, ripens late and brings a good price in market. It is of excellent quality and yields. It has fully sustained the most promising new sorts, withstanding drought much better than most varieties; also very hardy in the blossom, being less injured by late frosts than almost any other variety.

Strawberry Plants.—Prepaid by mail, 30c. per doz.; $1.25 per 100. Not prepaid, by express, 35c. per 100.

DEWBERIES.

Lucreta.—The finest of its class. The fruit is large, luscious and handsome. It is a healthy, strong grower, and exceedingly productive; a superb fruit. 10c. each; $1.00 per doz.

CURRANTS.

Victoria.—An exceedingly valuable late variety. Berries large, handsome and fine flavored. A strong, vigorous grower and immensely productive. Two-year-old, 10c. each; $1.00 per doz.

White Grape.—Very large red gooseberry, white, sweet and very mild acid for the table; the finest of the white sorts; very distinct from the White Dutch, having a low spreading habit and dark green foliage. Very productive. Two-year-old, 10c. each; $1.00 per doz.

Fay's Proline.—Far surpass and handsome red varieties and has fully sustained the broad claims made for it by the disseminator upon its introduction. The bush a strong grower and wonderfully prolific. Larger and more acid than other varieties. The prices are now within the reach of the ordinary consumer. Two-year-old, 25c. each; $2.50 per doz.

Cherry.—Of the largest size; bunches short, plant strong growth and very productive. A good market variety. Two-year-old, 25c. each; $1.00 per doz.

GRAPE.

Moore's Early.—One of the very best early black grapes, Medium size, berry very large. Ripe nearly two weeks before the Concord, and is of about the same quality. Vine perfectly hardy. Should have a place in every fruit garden. Is a very profitable market grape on account of its earlyness and good shipping qualities.

Concord.—A large purple grape, most productive. Its extensive plantings bunches very large and compact, sometimes showing a smaller or larger than the Concord, mostly round; test greenish white; semi-transparent, slightly ambered on the sun; skin thin, but tough, and does not crack; quality good. Very little pulp, melting and sweet to the center.

Grapes—large, strong two-year-old plants. Prepaid, 25c. each, 5 for $1.00. Any variety.

RASPBERRIES.

Spry's Early.—It is about two or three days earlier than Tyler, and is fully as large a berry as that variety, and a very much stronger grower. The canes ripen earlier than any other variety and are extremely hardy. We believe it to be a very valuable crossing on account of its earliness, hardness, strong growth and great productiveness.

Bolton or Tyler.—One of the earliest black raspberries and leading early market sort. It ripens its entire crop within a very short period, a desirable feature when it precedes all other currants. Cane strong, and hardy, with foliage healthy and free from rust; wonderfully productive. Fruit of good size, jet black, but little bloom, firm and sweet, pleasant flavor.

Brand wine.—Is quite late. Very large, bright scarlet, very firm. A good market variety, and one of the best for shipping long distances.

Turner.—The Turner is valuable on account of its early ripening and fine quality. It is full medium size and of fine red color. The berries are firm, and the fruit ripens in time to prevent its ripening in the winter-killed out.-

Cuthbert, one of the Market.—Now the most popular of all red raspberries. Berries large, of high, shiny flavor; canes very strong, with large, luscious foliage; continues a long time in the fruit.

Raspberries.—By mail, prepaid, 10c. each; 50c. per doz.; $2.00 per 100.

NEW CRANDALL CURRANT.

A wonderful giant currant, producing berries ½ to ¾ inches in diameter, shiny black in color, and often mistaken at first sight for Concord currants, is much larger, attain ing a height of seven or eight feet; shoots grow very rapidly, and often five feet in a single season; is remarkably hardy and quite free from the ravages of insects and currant worms; flowers early enough to pick and keeps very long in marketable condition. Good plants. 10c. each; 50c. per doz.; $2.00 per 100.
SWEET PEAS.

The New Large-Flowering Varieties.

Sweet Peas have come into such popular favor and the demand has increased so rapidly that much attention is being given to them. The beauty of the newer sorts is unequalled, and the strains are greatly improved as to size, color, etc. The following are some of the best and most beautiful varieties grown, and the seed is especially true and distinct.

**Boreatton.**—About the largest in size. A fine, dark color of rich bronze, shining crimson, with wings of crimson purple, shaded rose. Peas are bold and stout. The darkest sort in cultivation. Pkt., 5c.

**Duchess of Edinboro.**—Light scarlet, splashed with crimson, slightly margined on the edge with cream; white wings tipped with rose; very beautiful. Pkt., 5c.

**Blanche Ferry.**—Ten days earlier than any other variety; large-flowered, most beautiful and fragrant. It is so compact and bush-like in habit that it can be grown without support. The plant throws innumerable flower stems bearing from three to four immense pink and white flowers. The long stems make it favorable for cutting and its good qualities are so exceptional that it is the "Florist's Delight." Pkt., 5c.

**Indigo King.**—The standard of this charming variety is a dark maroon purple with indigo blue wings. Pkt., 5c.

**Splendor.**—Rich light rose, shaded crimson; flowers of the finest form and very large. The most brilliant red variety. Pkt., 5c.

**Primrose.**—The nearest approach to a yellow sweet pea. Quite a novelty; color is a pale primrose yellow. Pkt., 5c.

**Grand Blue.**—This is one of the most effective and handsome. It has pure bright blue wings slightly shaded with mauve. A standard of a deep rich purple touched with rose. The best blue yet introduced. Pkt., 5c.

**Isa Eckford.**—Large-flowering, rosy pink shaded carmine. A constant bloomer of beautiful, delicate pink. Pkt., 5c.

**Mixed.**—A fine mixture of the above varieties specially prepared from separate colors. Pkt., 3c; oz., 15c.

THE QUEEN OF WHITE SWEET PEAS,

EMILY HENDERSON.

The introducer states: A sport of the Blanche Ferry. Every meritorious quality which has given the latter its distinctive value and made it famous with amateur and florist has been reproduced in Emily Henderson. The Emily Henderson is absolutely pure white, as clear as alabaster, and glistening as satin. The flowers are extra large, of remarkable substance and in form perfection, broad, round standards. The stems are stiff and long, supporting blossoms that stand out boldly, making this variety admirable for cutting.

In earliness and long-continued bloom it outwitts all others. The fragrance is most delicious and distinct. The abundance of bloom is phenomenal; frequently stems are found bearing five, six and even seven flowers. The plants are robust, compact and branching, and are so completely covered with flowers they appear as if covered with snow.

From one plant, specially cultivated, we have cut the seemingly incredible number of 1,033 sprays of bloom in one season.

For forcing under glass the Emily Henderson Sweet Pea is bound to outstrip all others on account of its color, earliness, profusion, its stocky growth and the immense size of its long-stemmed flowers. Pkt., 15c; oz., 15c.

**Queen of England.**—Grandezza pure white flower, extra large in size; very choice. Pkt., 5c.

**Cardinal.** (Invincible Carmine or Beauty.**—A splendid, robust-growing sort, producing a great profusion of bright glowing carnation flowers. This is the brightest-colored of all Sweet Peas. Pkt., 5c.

**Empress of India.**—Rosy pink and white. Very large. Pkt., 5c.

**Orange Prince.**—Of extraordinary beauty. Flowers bright orange pink, blushed scarlet. Wings rich rose, veined pink. Pkt., 5c.

**Princess of Wales.**—Shaded and stained mauve on a white ground. Very large and perfect. Pkt., 5c.

**The Queen.**—Rosy pink with mauve. Flowers large and fine, Pkt., 5c.
**ZINNIAS CURLED AND CRESTED**

**NEW, ODD AND SUPERB.**

Petals Twisted, Curled and Crested into Fantastical Contortions and Graceful Forms. A Magnificent Variety of Colors.

These unique and charming Zinnias originated five years ago, and by persevering selection and careful culture this strain has been worked up, which eclipses in beauty, beyond all question, any other type of this popular garden annual in existence. The flowers of Curled and Crested Zinnias are of perfect form—large, round, full, and double, the petals being twisted, curled and created into the most fantastical contortions and graceful forms, rendering them entirely free from the stiffness which was heretofore the characteristic of this family. Nature, it seems, was not satisfied with producing something new, odd and superb in form, but tried to outdo herself on this, her new protege, for not the least among the merits of Curled and Crested Zinnias is the remarkable range of colors, lavish profusion of bloom and compact, symmetrical habit of the plants. In going through a field of these Zinnias, it was noted, in reds, the following shades—scarlet, crimson, orange and blood purple; in pink, flesh, chamois, apple blossom and deep rose; in yellows, cream, canary, butterscup, deep yellow, old gold and russet; then many intermediate shades and some exquisitely striped flowers and grand whites.

The individual plants form compact bushes about two feet high by two feet through, and bear well above the foliage, 150 to 300 flowers each, by actual count. It can be readily imagined what a glorious effect the field of them made—so exceedingly odd and beautiful that the attention of the most casual observer was arrested to the curiosity point. They certainly did not look like zinnias, nor like marigolds, nor like anything ever seen before.

The ease of culture, indifference to special soils or treatment, their early, prolific and long-continued bloom, excellent habit, magnificent flowers and exquisite colors will render Curled and Crested Zinnias a popular garden favorite whenever tried.

It is well known that the first or early flowers of double zinnias do not always come perfect. The “Curled and Crested” strain is no exception to the rule, but they will come 90 per cent true, so do not confuse out two early, but wait for the character flowers.

Pkt., 15c.; two for 25c.

**CLEOME PUNGENS.**

Giant Spider Plant.

A robust plant, growing vigorously four to five feet high, unaffected by wind or weather, and flowering profusely and continuously for months. In fact, it is a perpetual bloomer, the spikes continuing to increase in size as the plant grows, until they reach upwards of two feet in length. The flowers are very showy, with long slender stamens; single petals measuring an inch across and of a bright rose color. The long, slender seed pods, reaching out in every direction, are carried upon still longer stipules, giving the effect of a magnificent spire, with the bright bunch of flowers at the top. C. Pungens is very effective; it grows freely from seed sown in the open ground, thrives luxuriantly, and blooms all summer, no matter how unfavorable the season may be. It is also one of the very best honey-producing plants. Per pkt., 5c.

**Collection of Best Double Large-Flowering Dahlias.**

There are so many fine varieties of dahlias that we find it difficult to decide on the best. We have many excellent sorts besides those named, but taken as a set this selection can hardly be improved upon.

**Double.**

- **Boabdilla.** Large blood red.
- **Black Knight.** Crimson maroon.
- **Pluton.** Large, full flower of rich, livid yellow; fine.
- **Flora.** Bright magenta pink.
- **Hector.** Cherry red.
- **La Phare.** Brilliant scarlet.
- **Oriole.** Rich golden yellow.
- **Ovid.** Rich royal purple.
- **Queen Victoria.** Very fine yellow.
- **Saratoga.** Straw color.
- **Vesta.** Pure white: very fine.
- **Purple.** Pure white.

**Single.**

- **Dahlias Gracilis.** Nothing can surpass the finer varieties of single dahlias for profusion of bloom and elaborate beauty of the flowers for vases or bouquets. A plant covered with lovely blooms is magnificent.

**Dahlias Gracilis.**—The most handsome dahlia in cultivation; flowers striped, mottled, streaked and flaked in the most grotesque and pleasing manner. 15c. each; doz., $1.50.

For Dahlia Seed, see Page 77.
HOLLYHOCKS.
LEONARD'S NEW MAMMOTH.

We have a superfine strain of hollyhocks. In fact they are grand types of the largest, most double and truest colors of any yet introduced. On no occasion has a bed of hollyhocks received as much attention as ours did last season. It was the wonder and admiration of all who saw it. Growing well in almost any soil, they form magnificent screens for fences and many other unsightly places. The spikes of this strain are extraordinarily large. These plants are fast becoming popular, and the demand is rapidly increasing. The following is a list of carefully selected colors, and we will put the price low enough so all can try some: Pure white, pink, purple, cream, red, purple and white, rose, sulphur, canary, maroon. Any of the foregoing, separate colors, pkt., 10c.; 3 for 25c. All the above colors mixed, 10c. per pkt.

NEW HIBISCUS.
CRIMSON EYE.

The flowers are immense in size, often measuring twenty inches in circumference. The color is of the purest white, with a large spot of deep, velvety crimson in the center of each flower. It is a striking combination of color, and one that must be seen to be appreciated. It is a robust grower, with dark red stems and foliage. A well developed plant will produce several hundred of these flowers in a season. It will succeed anywhere, and is perfectly hardy, blooming the first year from seed sown in the open ground. The root is semi-tuberous. Always comes true from seed. Seed, per pkt., 5c.; strong plants, 25c. each.

MARGARET CARNATION.

This new race of carnations has created a universal sensation, not only on account of their beautiful flowers of all colors, and the remarkable percentage that come double, but also from the great fact that unlike all others they bloom in about four months from sowing the seed. The plants bloom until checked by frost.

Just think of growing carnation pinks as easily and quickly as Chinese pinks. Fully 80 per cent are double, and they embrace a fine range of brilliant colors. The plants are dwarf, branching and compact and neat in habit, standing upright without any support. They are very free bloomers and flower throughout the year. Pkt., 10c.

A Wild Flower Garden.

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 trees, and in beds on which no care will be bestowed, or even for sowing in exposed situations, where wildness is preferred to order and precision. The mixture comprises Mignonette, Candytuft, Larkspurs, Marigolds, Poppies, Foxgloves, and many other garden favorites, which will flower successively and yield an abundance of bloom. Large pkt., 10c.
CANNA BULBS.

**Madame Crozy.**—Immense flower heads of the deepest vermillion, gold bordered, and are double the diameter of a gladiolus spike. These flower heads follow each other so rapidly that the plant is always in bloom. The petals are very wide and broadly rounded. Foliage, green. Height 4 feet. Undoubtedly the finest Canna. 25c. each, 5 for $1.00.

**Star of '91.**—Good foliage, and has a persistent habit of throwing up fresh sprouts from the base. Every sprout produces a flower stalk. The color is glowing orange scarlet, not so clear a vermilion as Madame Crozy, and faintly banded with golden yellow. 25c. each, 5 for $1.00.

**Childsii (Tiger Canna).**—Foliage strong, color light green. Flowers good size, clear yellow, brilliantly spotted crimson. This variety differs from most of the Crozy sorts in that it generally yields four good-sized petals, instead of three, making the flower very large. Very broad emerald green leaves. 20c. each.

**Ehmanii.**—Leaves clearly veined and most luxuriant in growth. The flower heads are well above the foliage, and each individual flower has a long crimson tube, distinguishing it from all others. 15c. each. All colors mixed, 10c. each, $1.00 per doz.

CANNA—CROZY'S MIXTURE.

These seeds, if sown in February and March and kept in good beds, will become strong, beautiful and massive plants, in full bloom from the end of July until frost. Crozy's strains are quite new and distinct in habit and foliage, mostly dwarfs. Per pkt., 10c.

MOUNTAIN FLEECE.

POLYGONUM AMPLEXICANLE VAR. OXYPHILLUM.

This is one of the loveliest and most deliciously fragrant white fleecy flowers that has yet been introduced. It is a hardy perennial, easy to grow, robust and extremely profuse, and blossoms in the fall from the middle of September until the middle of October, after most summer flowers are through blooming and before Chrysanthemums come in, thus coming at a time when fine hardy flowers are scarce and much appreciated. It is a native of the Himalaya Mountains. A plant makes a mass of snowy bloom some ten feet across. The stems are 2½ to 3½ feet high, leavy from the base, and arise from a stout spreading root. The flowers are numerous, small white, changing to pink, stained with age. The panicles last long and perfectly as dried flowers. Fine plants which will bloom this year, 20c. each, 3 for 60c.

**HYDRANGEA.**

**PANICULATA GRANDIFLORA.**

This is one of the most valuable hardy shrubs. It attains a height of three or four feet, and is perfectly hardy in all parts of the country. The flowers are white, borne in immense pyramidal panicles nearly a foot in length. It commences flowering in July and continues until November. The plant should be cut back every spring at least one-half of last season's growth, as the flowers are borne on new wood and are much finer when the plant is treated in this way. An excellent shrub for cemetery planting. Strong flowering plants, 25c.; small plants, 15c.
JAPAN SNOWBALL.
A shrub that will give satisfaction to whoever grows it.
The plant is a strong grower of upright habit, but at the
same time making a good, bushy growth. The leaves are
dark olive green above, and the young shoots are a copper
color underneath. They do not change color with the
close of summer, and the foliage is retained far into the
fall, dropping off long after other shrubs have lost their
leaves. The large flower balls are five inches in diameter
and are borne on short shoots along the stem, and are pure
white in color.
Large, strong plants that will bloom, 25c. each.

ALTHEA—Rose of Sharon
This is one of the most showy and beautiful flowering
shrubs; the flowers are of large size, very double and
full, and of various brilliant and striking colors. It blooms
freely during August and September when scarcely any
other tree or shrub is in blossom.
Double Rose, 15c.
Double White, 15c.
Double Purple, 15c.
Totus Albus—Flowers single, large, pure white, very
free flowering; distinct and fine. 15c.

CALYCANTHUS FLO-
RIDUS.
This is the well known "sweet scented" shrub. It
bears in May a great profusion of double purple blossoms,
which have a strong, delicious pine-apple fragrance.
Very popular. 15c. each.

LILAC.
Lilac, Common (Syringa vulgaris). The common purple
species, and one of the best.
Each, 15c.; doz., $1.50.

HARDY ORNAMENTAL SHRUBS.

Lilac, Common White (S. vulgaris alba). Flowers pure white;
very fragrant; beautiful. Each, 15c.; doz., $1.50.

HERBACEOUS PEONIAS.
Magnificent hardy plants, almost rivaling the Rose in brilliancy of
color and perfection of bloom. They thrive in almost any soil or
situation, and when planted in large clumps on the lawn make a
magnificent display of flower and foliage. Some of the varieties are
very fragrant. They are perfectly hardy, require little or no care,
and produce larger and finer blooms when well established. We offer
Bol. White, Rose and Crimson. Price, 25c. each, for strong flowering
roots.

SPIREA VAN HOUTTEI.
The most showy of all Spireas, and one of the best flowering shrubs
in cultivation.
The plant is a tall, upright grower, with long, slender branches that
drop gracefully with their weight of foliage and flowers.
Flowers pure white, in great clusters and whorls, forming cylin-
drical plumes two feet long. Few shrubs present a more charming
appearance. 20c. each; 3 for 50c.

Japan Snowball.

Bridal Wreath or Spirea Van Houttei.
SUMMER-FLOWERING PLANTS AND BULBS.

**Lilies.**

**Lilium Auratum.**—The Golden-Banded Lily of Japan. This is justly entitled to the name so often given it—the Queen of Lilies—as it is definitely the most beautiful of all Lilies. The immense blooms, measuring nearly a foot when fully expanded, are produced in the greatest profusion, and are deliciously fragrant. In beauty of color and markings it surpasses all other Lilies. The large white petals are thickly spotted with rich chocolate-crimson, and have a bright, golden-yellow band through the center of each. This magnificent Liliaceous plant, upon which it is a decided and marked improvement in every way. The flowers are large, trumpet-shaped, pure white, symmetrically formed; as beautiful and characteristic as can well be imagined, lasting from ten days to two weeks. The ends of the petals are recurved, giving it a very graceful appearance. Its fragrance is delightful. It is perfectly hardy, and is one of the finest plants for the garden border, shrubberies, and cemetery decoration. An additional superiority consists in its earliness, being more than a month earlier than any other sort now grown. Large size, each, 25c.

**Helvella Easter Lily.** (L. Harrisii). In general appearance, and more especially in the shape of its flowers, this Lily resembles the well-known *L. Longiflorum*, upon which it is a decided and marked improvement in every way. The flowers are large, trumpet-shaped, pure white, symmetrically formed; as beautiful and characteristic as can well be imagined, lasting from ten days to two weeks. The ends of the petals are recurved, giving it a very graceful appearance. Its fragrance is delightful. It is perfectly hardy, and is one of the finest plants for the garden border, shrubberies, and cemetery decoration. An additional superiority consists in its earliness, being more than a month earlier than any other sort now grown. Large size, each, 25c.

**Longiflorum.** A variety bearing in clusters beautiful snow-white, trumpet-shaped flowers of rare fragrance: fine for forcing and house culture. Bulbs, each, 25c.

**Spectus Rubrum, or Roseum.** One of the hardest varieties, with flowers white and red. The red varying from a delicate rose to a bright crimson. Very fragrant. Strong bulbs, each, 25c.

**Superbum.** The finest of the native Lilies; flowers bright orange; under high cultivation, the stem has reached eight feet in height, and borne from twenty to fifty blooms. It is desirable for the greenhouse. Bulbs, each, 70c.

**Coral Lily of Siberia.** *(Tenufolium).* One of the most charming, fully developed; the dazzling purple flowers suspended fairy-like in narrow foliage, are simply exquisite. They are so bright that they attract attention at a great distance, and blooming in early spring, calèn the surroundings when flowers are scarce. Plant them in loose, sandy soil; avoid a place where water stands during the winter. Will produce flowers from six to twelve feet high, flowers per bulb. Bulbs, each, 25c.

One bulb each of the Ten Lilies described on this page delivered to your address for 8c.

**Gloriosa.**

We wish especially to call attention to our Gloriosa, as they are the most desirable of all bulbs, and claimed by many to be the "flower of all flowers." To have the immense spikes of bloom develop in the greatest perfection they should be cut when the first four flowers open, place them in water nearly up to the lower flower and the entire spike will develop into great loneliness, lasting from a week to ten days in bloom.

**Succulent Gloriosa.** These are unusually fine, embracing every shade of color, white, pink, crimson, yellow, orange, rose, dark maroon, scarlet, and beautifully variegated and marked varieties. No two alike, and many of them are equal to the highest priced named sorts. Good flowering bulbs of the very best seedlings, sure to delight all who plant them. 6c, per doz., or $1.50 per 100, postpaid by mail, or larger bulbs by express at purchaser's expense.

We cannot too highly recommend our Mixed Gloriosa. They embrace a magnificent variety of beautiful colors, all the poorer sorts having been discarded when in flower. We trust that many of our friends will act on this excellent recommendation. They will produce flowers at less than half the cost of the finest colored varieties, at prices within the reach of any one. One bulb each of the Ten Lilies described on this page delivered to your address for 8c.

**Spotted Calla.**

**Egyptian Lily.**

**Calla Lilies.**

Richardia Ethiopica is the well known Egyptian Lily, or Lily of the Nile, with large white flowers, broad foliage, and it will prosper under very adverse circumstances if given plenty of water. It is an excellent plant for aquariums. In the spring it may be planted in the garden until the autumn.

**Egyptian Lily.**

Our Calla roots are large and fine, as we have them grown for us in California, where the Calla is perfectly at home. Each, 25c.

**Alba Maenaita, or Spotted Calla.** This is a fine plant for summer. The bulbs must be kept in dry sand in the winter. Each, 25c.

**Spider Lily.** *(Panerium Curillosum).* A bulb of easiest culture, which freely produces clusters of large white flowers of delightful fragrance. They may be grown in pots in good, rich soil, and will bloom well in the house or conservatory. When planted out in summer they must be taken up in the fall, potted, and little or no water given until the next season, when the bulb will have increased in size, and will bloom more abundantly. It is, indeed, a curious and beautiful flower, and one which will delight all beholders. Large bulbs, for immediate blooming, 25c each.

For Dahlia Roots see bottom of page 66—all the new kinds of single and double are listed there.
Summer-Flowering Plants and Bulbs.

Double Dwarf Sun-Flower, or Helianthus Multiflorus. This variety of Helianthus we have a gem, one that should be in every garden. It is perfectly hardy in this location, but in colder regions a protection of coarse litter will be required. The plants attain a height of about four feet, and, in their blooming season, which is in August and September, they are nearly covered with bright golden yellow, double flowers, about the size of a Dahlia. In fact, at first sight it may be easily taken for a plant of yellow Dahlia. The flowers are very desirable and showy for cutting, remaining bright and fresh for several days. A perfect gem. It never needs to be replaced and will come up every year. Roots, each, 15c.; 10 for $1.00.

Tuberoses.

Our extensive large wholesale trade with the florists places us in position to supply the finest selected bulbs, and we only send out each as are certain to bloom with ordinary care. We want every customer to try our bulbs of this delightful flower.

Tall Double. The stem is three and a half to five feet in height: strongly and very free-blooming. Prepaid, each, 8c.; doz., 75c.; not prepaid, each, 9c.; doz., 85c. 10c.; each, 8c.; doz., 75c.; not prepaid, each, 9c.; doz., 85c.; doz., 100, $3.50.

Excelsior Pearl. An improved strain of the Dwarf Pearl, bearing very heavy spikes of large double flowers. Prepaid, each, 10c.; doz., 90c.; not prepaid, each, 11c.; doz., 95c.; not prepaid, each, 12c.; doz., 100, $3.50.

Cape Hyacinth.

Or Hyacinthus Candicans. Very showy for the centres of large beds, or if grown in groups it grows luxuriantly; flower spikes 4 to 6 feet high, bearing from 30 to 70 large white bell-shaped fragrant flowers. Each, 10c.; per doz., $1.00.

Tigridias.

(Peacock Tiger Flower, or Mexican Shell Flower.)

A genus of Mexican bulbs, so-called shell flower, growing about one and a half feet high, producing flowers of the most exquisite beauty: flowers large, about four inches across, of singularly curiously shape, and the color of each variety gorgeous and purely contrasted. No flower can surpass it in beauty. In bloom from July to the first of October. The bulbs may be planted any time in May, or the first of June, about two inches deep, in any garden soil, and require no particular care. In autumn, take up and keep in a dry place until time of planting in the spring. They are one of the easiest plants in the world to cultivate, and always sure to bloom abundantly in any situation. At the large flower show held in New York City, the Tigridias attracted universal attention.

Tigridia Conchiflora. (Mexican shell flower.) Dark yellow, large red spots. 5c. each; per doz., 30c.

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. 5c. each; per doz., 75c.

Caladium Esculentum. (Elephant's Ear.)

One of the most beautiful and striking of the Ornamental foliage plants, in cultivation, for culture in large pots or tubs, or for planting out in the lawn. When of full grown size, it stands about five feet high, with immense leaves, often measuring four feet in length by two and a half in breadth, very smooth, of a light-green color, beautifully veined and variegated with dark green. They should be preserved in dry sand in the cellar during the winter, out of reach of frost. Large roots, each, 5c.; small roots, each, 10c.

The Living Rock. (Analonium Pusatum.)

A distinct variety. Sarcely anyone looking at this curiosity will think it was a plant; indeed it looks more like some indiscreetly carved piece of woodwork, upon which days of labor have been spent. So tenacious of life is it that scarcely needs watered more than once a month. When in bloom it is yet more fascinating. Our price reduced to 85c.
Beautiful Climbers.

Centrosema Grandiflora, Look at Me, or Butterfly Pea.

Many old and neglected plants are really valuable, and prove eminently satisfactory, but, after all, it cannot be denied that one which is absolutely new to cultivation, and at the same time is one of the very best in actual merit, is decidedly most desirable.

Just such a plant is Centrosema Grandiflora. I have had the pleasure of watching the growth and development of it during the last few seasons. It is a hardy, perennial vine of rare and exquisite beauty, which blooms early in June, from seed sown in April, and bears in the greatest profusion inverted pea-shaped flowers from 1½ to 2½ inches in diameter, and ranging in color from a rosy violet to a reddish purple, with a broad feathered white marking through the center. The large buds and back of the flowers are pure white, making it appear as if there were many different colored flowers at one time. Occasionally other blooms are cast with a white feathering. The flowers are produced in the greatest abundance, sometimes six to eight in a cluster.

The stem and foliage are very graceful, and of a delightful color. It is well adapted for every garden purpose, and especially as a climber, running from six to eight feet in a season. It will bloom until frost, and, if potted, will also bloom freely in the house.

One of its most attractive features is the way in which the flowers look up at you in the face. Ever suggestive person sees faces in the petals, and this is even more suggestive in Centrosema. This is the reason it has been given the name, “Look at Me.”

Chinese Yam or Cinnamon Vine.

The Chinese Yam (Dioscorea Batatas) is one of the most valuable esculents in cultivation. The stem is 12 to 20 feet in length, of rapid growth and climbing habit, forming an excellent covering for screens, arbors and unsightly places.

The flowers are small, delicate, white, in clusters, and when the peculiar spicy fragrance which scents the air for a long distance, they are also properly called the Cinnamon Vine. The Yams are hardy and will remain in the ground over winter without protection. The leaves are heart-shaped, edging crimson, and make a pretty contrast with the white flowers. 10c. each, 5 for 25c.; large roots.

Manettia Vine.

One of the most beautiful, attractive and desirable of all vines. Can be grown either in the house or garden. It is a continuous bloomer.

The flowers are 1½ to 2 inches long and of the most intense fiery scarlet, shading off into a yellow tip. They are also covered with a short moss or hairy substance which adds greatly to their beauty.

Easily grown and commence to bloom at once from the smallest cuttings, and continues to bloom most profusely at all times. It is quite unknown and of such striking beauty either for screens, baskets, vases, windows, etc., that it strikes the admiration of every eye. Strong plants, 15c. each; 2 for 25c.

Ampelopsis Veitchii or Japanese Ivy.

This climber is of great value. If once planted it will always remain, growing larger and better every year. It is invaluable for covering arbors, old stumps, trees, etc., and should be planted freely. It will cling firmly to the side of the wall or house, and soon forms a perfect mass of foliage. It may be covered to climb all over the house or be confined to the foundation wall only. A most beautiful climber, it is becoming a great favorite, clinging to the smoothest surfaces perfectly, and maintaining its graceful beauty of its foliage (which is a very dark purple, glossy green, every leaf lapping), makes it give excellent satisfaction to those who grow it. Strong roots, each, 25c.

Ampelopsis Quinquefolia. The old Virginia Creeper. Invaluable where a coarse, rapid climber is desired. Large plants, 25c.

Madeira or Mignonette Vine.

The Madeira Vine is a beautiful climber, with thick, glossy, light green, almost transparent leaves and climbing in twenty feet or more and twining in any desired form. Plant the tubers of this in the spring and it will commence to grow at once. In the autumn cut off the tops, dig up the tubers and keep them in the cellar over winter. They are excellent for house climbers. The flowers are white, small, in long racemes. When planted in the garden, to produce rapid growth and plenty of flowers give it a sunny situation. Roots, each, 5c.; per doz., 25c.
LEONARD'S SELECT LIST
OF
Flower Seeds
EMBRACING ONLY THE MOST POPULAR VARIETIES AND CHOICEST STRAINS OF
Annuals, Biennials and Perennials for Cultivation in the Flower Garden.

ANNUALS are raised from the seed, perfect the flowers, mature their seed, the same season, and then perish. They are divided as follows: Hardy, half-hardy and tender. Hardy annuals are such as will bear a hard frost; half-hardy annuals will bear but very little; tender annuals will not bear the frost at all.

BIENNIALS flower the second and sometimes the third year from the time the seeds are sown, and then perish.

PERENNIALS do not in their growth form either trees or shrubs, but lose their tops, wholly or in part, every year after they have done flowering. The roots continue to live and generate for several years, successfully.

BIENNIALS AND PERENNIALS are hardy, half-hardy and tender. Hardy biennials and perennials stand the hardest winter without protection; half-hardy require to be well protected; and tender biennials and perennials must be kept where frost will not touch them.

Abronia.
Beautiful trailing plants, with pretty Verbena-like clusters of sweet scented flowers, valuable for hanging baskets or vases. *Half hardy, annuals.*

*Abronia Umbellata.* Rosy lilac, white eyes, 5c.

Acroclinium.
The Acroclinium is a pretty everlasting, of strong growth, about eighteen inches in height, and bears a great number of daisy-like flowers. Should be gathered the first day they open.

*Acroclinium.* Mixed, 5c.

Adonis.
Also known as Phiantant's Eye. Showy, hardy annuals of easy culture, with pretty, fine cut foliage and lasting a long time in bloom.

*A. Festivals.* Dark crimson, flowers with a lighter center. 1 foot, 5c.

Ageratum.
Clusters of charming fragrant flowers, admirably adapted for bouquets.

*A. Azerea Setosa.* Sky blue, 1 foot Ht., 5c.

*Olorata.* (Sweet Woodruff). Flowers have a delicious odor when dried that imparts an agreeable perfume to clothes, etc., when kept among them. White, 6 to 12 inches. H.P., 5c.

Ageratum.
Whether grown for summer flowers or used for winter blooming, this plant keeps up an almost constant bloom from early summer until the closing days of the season. It has the further merit of being the easiest culture. *Half-hardy annuals.*

Ageratum Mexicanum.
Lavender blue, 2 ft., 5c.

Alonsoa.
Showy plants, extraordinarily well adapted to bedding and indoor culture. Does well in any rich garden soil. Height, 16 inches.

*Alonsoa.* Mixed, 5c.

Adlumia.


Alyssum.

*Allysum.* Mixed, 5c.

Agrostemma.
An attractive free flowering, hardy perennial of easy culture, producing masses of lovely flowers on long wiry stems like a single pink. Blooms the first season. Fine for cutting.

*Agrostemma.* Mixed, 5c.

Abutilon.
Beautiful plants for green-house and window culture, blooming almost continually; also succeeding well in the open ground in a sunny exposure. Flowers bell-shaped, 1 to 2 inches across. H.P. 2 to 4 feet.

*Abutilon Fireball* Dwarf compact habit, large deep crimson flowers borne in profusion, 25c.

Alyssum, sweet.
Flowers white. 1 foot. 5c.

*Little Gem.*—In this distinct variety the plants are of very compact, spreading habit. They attain only three to four inches in height, and a single plant will completely cover a circle twelve to fourteen inches in diameter. They bear their bloom very early from seed, the plants becoming profuse while quite small. They soon become densely studded with beautiful miniature spikes of pure white flowers in wonderful profusion and of delicious fragrance. More than four hundred perfect spikes of flowers in full bloom at one time have been counted on a single plant.

*Sixtale Compactum.* Flowers yellow. Half hardy perennial, 5c.
For beauty and variety of habit, form and color, the Aster is incomparable, and of all flowers is adapted best to gratify the taste and win the admiration of every lover of floral beauty. One of the most popular, pleasing and prettiest of annuals, it is the most effective of our garden favorites, producing in profusion, flowers in which richness and variety of colors are combined with the most perfect and beautiful forms.

Our seed is very choice, being grown by a Florist who has had many years' experience in growing Asters, and who is entirely satisfied with it.

**Dwarf Pyramidal Bouquet.**—This variety is bred exclusively for cutting and when in bloom forms an immense pyramidal bouquet and flowers so freely that the foliage is sometimes entirely out of sight. This magnificent sort is unequalled for edging. Mixed, 5c.

**Leonard's Snowball.**—A very large double white variety. Its flower bearing qualities are unequalled, and the plants are literally small mounds of pure white blossoms when in bloom extra fine. 10c.

**Chrysanthemum, Flowered.**—A splendid variety. Compact, robust and a profound late bloomer. Immense flowers, 5c.

**Pure White.** 10c.

**Bleteridge's Quilled.**—Flowers composed of tube or quill-shaped petals. This is an Improve strain, with large numerous flowers and of beautiful colors; 2 feet. Mixed colors. (See cut), Pkt., 5c.

**Washington.** Without exception the largest Aster in the world. The flowers being from 4 to 5 inches in diameter, and of perfect form; mixed colors, 5c.

**Triflants, Peony Flowered.**—The most perfect of all the peony flowered Asters. The flowers are perfect in quality, and form, while in size and color they are unequalled. Our strain of this variety is exceptionally fine. Mixed, 5c.

**New Victoria.**—An extremely beautiful variety of Irregular Asters. The flowers are very large, and, as the petals overlap, it gives these flowers a distinctive character. The growth is an elegant pyramidal, and each plant carries from twenty to thirty flowers. Mixed, 5c.

**Rose Flowered.**—Flowers large and double, the outer petals finely recurved and the inner ones incurved like a rose. 25c. Mixed colors, 5c.

**Miniature Bouquet.**—Grows 6 to 8 inches high. The little round plants are fairly hidden with very double button-like flowers. Mixed colors, 5c.

**Goliath.**—Flowers of enormous dimensions and perfect form; 25c. Mixed colors, 10c.

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**Amaranthus.**

Plants grown exclusively for their foliage, and in late summer and early fall, when they have reached their fullest development, the glowing effect produced by their mass of rich foliage is scarcely equalled by any similar class of plants. Half hardy annuals.

**Amaranthus Caitatus.**—(Love Lies Bleeding), red drooping panicles of flowers, handsome 3 ft. 5c.

**Cruentus.** (Prince's Feather), crimson; highly ornamental. 5c.

**Tri-color.**—Joseph's Coat, foliage scarlet, yellow and green. 5c.

**Gibbosus.**—Long drooping panicles, frequently 2½ ft. long. of purplish red. 5c.

**Stamine.**—One of the finest of this showy class of annuals which produces numerous stalks covered with long thick panicles of crimson flowers. It commences to bloom shortly after sowing and continues until late in the fall. Height 15 inches. 5c.

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**Ammobium.**

Ammobium is a small but pretty little white flower. The plant grows about eighteen inches in height and is stiff and angular in appearance. One of the handsomest Everlastings.

**Ammobium Alatum Grandiflorum.** 5c.

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**Anagallis.**

(Flapernickels.)

Dwarf, compact plants; adapted for baskets, rock, work, edgings and small beds. Succeed best in any sunny situation; covered with various shades of colors the whole summer. Hardy annuals; 6 inches.

**Amphigallis Grandiflora.** Mixed, 5c.

**Amphelopsis Veischi.**

"Japanese Ivy" or "Boston Ivy."—The young growth, during summer is a dark purplish green, changing in fall to the brightest shade of scarlet, crimson and orange; it is our finest hardy climber for perfectly covering stone and brick buildings, old trees, etc. It climbs by rootlets thrown out along the stem and climbs to a height of several feet, 15 ft. 5c.

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**Anagallis Quinquifolia.**—(Virginia Creeper), One of the best varieties for covering screens or unsightly places, 5c.

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**Antirrhinum.**

(Snap Dragon.)

Unsurpassed for summer and fall flowering. The strain we sell is particularly fine, and will readily plant the Columbine in the variety of stripes and spots. Perennials.

**Antirrhinum.**

Mixed, 5c.

**Aquilegia.**

(Viola Campanula.)

The odd and peculiar formation of the flower renders them well worthy of cultivation. They are exceedingly hardy, and rank among the best plants for early summer blooming. Hardy perennials.

**Aquilegia.** Mixed, 5c.

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**Auricula.**

Free bloomer, with large flowers resembling a single Poppy. The leaves are armed with prickles resembling Thistle leaves. It is called Prickly Poppy almost everywhere.

**Auricula Grandiflora.** White, 5c.

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**Bartonia.**

Plants of succulent character, with large golden flowers, expanding only in the middle of the day. When in perfection this is a fine plant, and although its habit and foliage are less attractive than some other annuals, in size and brilliancy of blossoms it is next to none. Hardy annuals.

**Bartonia.** Mixed, 5c.
Balsams or Lady Slippers.

These plants are old and well-known favorites with everyone, owing to their gorgeous masses of beautiful bright and brilliant colored blossoms.

In order to have the best quality of Double Balsams, they must be transplanted from the seed bed, if left where grown, they will only be semi-flowering.

We take special care in the selection of our seed for doubleness, and in the great variety of colors which they present.

Balsam Camellia—Flowered. The largest and most perfect double variety. Rare colors, mixed, 50.

Perfection Double White.—A double camellia—flowered Balsam pure white flowers.

Extra Choice mixed sorts, containing the above varieties, 5c.

Brachycome.

(Swan River Daisy.)

Free-flowering dwarf-growing plants, covered during the greater part of the summer with a profusion of pretty Chrysanthemum-like flowers; suitable for edgings and small beds, or pot culture; half-hardy annual.

B. Theridifolia. Mixed. Light blue and white; 6 inches, 5c.

Cacalia.

Half-hardy annual. Very pretty plants, with small flower-like blossoms, and from the form of the flower, often called Flora’s Paint Brush. They keep in bloom from early summer until autumn, and are particularly valuable for small bouquets.

Cacalia, Mixed, 5c.

Calandrinia.

Creeping plants, well suited for planting in rock-work or similar situations, where they bloom freely. Hardy annual.

Calandrinia grandiflora—Rose pink, 1 ft., 5c.

Umbellata—Violet Crimson, 1 ft., 5c.

Mixed Colors, 5c.

Calliopsis.

Or Coreopsis.

Showy and useful free flowering plants; the tall varieties are effective in mixed borders, while the dwarf, from their close clustering habit of growth, make fine bedding plants; of easy cultivation; hardy annuals.

Calliopsis, Mixed, 5c.

Callirhoe.

While the plants are yet very small this begins to bloom profusely, continuing throughout the summer and fall. Hardy annuals.

Cardiospermum.

(Cardoon Vine.)

Cardiospermum, also known as Balloon Vine, is a curious half-hardy annual. Sow the seed under glass, or if planted in the garden it is sheltered spot.

Cardiospermum Halicocabum, 5c.

Campanula.

Queen Ann’s Lace.

Well-known beautiful hardy herbaceous perennials, bearing a great profusion of attractive flowers, thriving best in light rich soil; some of the varieties flower the first season, if planted early.

Campanula Bell. Double, mixed, 5c.

Single, mixed, 5c.

Ragged Sailor, Corn Flower or Blue Bottle, (Centaurea cyanus, ft. pl.)

The National Flower of Germany and celebrated as the late Emperor William’s Favorite Flower.

Corn flowers have ever been favorites with all. This new variety produces double flowers of unusually large size and filled up to the center with florets, forming handsome globular flower heads. We offer the seed in mixed colors, which contain, in addition to the usual colors of light and dark blue, white, pink and red; several striking new shades, such as dark red with light blue edges, striped with red and blue, etc. About 70 per cent. of the seed will reproduce double flowers. Our cut illustrates the difference between the old style or single flower and the new double Cornflower. A continuous bloomer of great value as a cut flower, destined to unparalleled popularity and highly recommended. Pkt., 5c.

New Double Flowered.

Centaurea Americana.—A strong growing reddish purple, 1 ft., 5c.

Cyanus Minor,—Bachelors Button. One of the finest annuals grown for cut flowers; blooms all summer. 5c.

Candytuft.

Hardy annual. A very popular and useful flower. It blooms freely, and its neat clusters of flowers are quite a treasure to the bouquet maker. The seed may be sown where the plants are to bloom.

Candytuft, Mixed, 5c.

White Rocket, 5c.

New Empress.

One of the finest varieties of recent introduction. It is intermediate in height between the old Rocket and the newer 6 cm. 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. 5c.

Snow Queen.—The very handsome tufted, pure white flowers are produced in such great abundance that each plant resembles a ball of snow, and would seem at a little distance, to be a single mass of white, but bears but little foliage, which is entirely invisible, and the stalks are more gracefully disposed. It is effective in formal beds, borders, or for massing alone in a bed, where even a single plant is a most attractive object. To have this variety in perfection, the seed should be started in the house, and the young plants transplanted as close as possible. 5c.

Canna.

(Indian Shot Plant.)

Highly ornamental plants, producing a rich effect by their large, and massive foliage, terminated by racemes of crimson, orange or scarlet flowers. Sow the seed 12 hours in hot water before planting; sown in sandy loam and peat, and placed in a hot bed when up to the second leaf, pot off singly and keep under glass until the proper season for planting out; take up the roots before frost, and preserve in a warm cellar of the half-hardy perennial variety.

Canna. Mixed, 5c.
Carnation.
The most magnificent of all the Dianthus family. Flowers large, beautiful and delightfully fragrant.
Carnation. Choose mixed varieties, 5c.

Calendula.—(Pot Marigold.)
The Calendula is the fine old Marigold family, and for many years has been a general favorite, blooming from June until frost. Very desirable for house plants in winter. They may be potted in the fall and placed in a sunny window, will not be without flowers during the entire winter. They derive their name from a peculiarity of many of its species, viz: being in bloom every month in the calendar.

Semi-dwarf. Hardy annual. 5 cents.
Metem.—The handsomest of all varieties, perfectly double, and beautifully striped, the petals having a creamy centre, edged with orange yellow. 5c.

Canary Bird Flower.—(See Tropaeolum.)
Catch Fly.
Small flowers, white, red and rose. A sticky moisture on the plants sometimes entraps the flies, hence the same name.
Catch Fly (Silene Armenica). Finest mixed colors, 5c.

Castor Oil Bean.—(See Ricinus.)

We shall always be pleased to have our Customers call on us whenever they are in Chicago. The Haymarket Square is now historical and you visit it when you visit our store.

Celosia or Cockscobmb.

Free blooming graceful plants, growing best in rather light soil, not too rich, producing spikes of beautiful fathery comb-shaped flowers: grown in pots they are fine for the greenhouse or conservatory. The colored varieties are fine for cutting and drying for winter bouquets, which should be done when in full bloom, and before they fade. The Christia varieties are ornamental, curious looking flowers, of the well known variety. Cockscobmb seed saved from the combs selected for their red and brilliant colors. All the Celosia are half-hardy annuals.

Cockscobmb, Dwarf Varieties. Mixed, 5c.

President Thiers.—A very dwarf variety, with intense crimson flowers, used for edging borders in the Chicago parks. Seeds saved from plants less than eight inches in height. The combs are large, ruffled dark crimson, and some last year season direct from one of the park gardeners, and it is, without doubt, the finest Cockscobmb grown. 5c.

Cleome.

In recent years, flowers have been introduced, in the manner we employ the Palaon Drummondii, and with the same good results. They do not seem to thrive so well under the bright summer sun. Seed sown in the autumn give early summer flowers. They have been much improvement in this flower in recent years, in single and double sorts, both in size and form of flower, so that for early spring flowers, or for cool, shady places, we can cheerfully recommend the Cleome. The seeds we offer are of the newest and best kinds of both the double and single varieties.

Cleome. Double, of best varieties, mixed colors, 5c; Single, the latest and best varieties, choice colors, 5c.

Clematis.

Singluar looking rose-colored flowers; the stamens look like spider’s legs, and present a very handsom appearance.
Grandiflora. 5c.

Climaxia. (Tiburon.)
They are perfect hydras, a very rapid climber, literally covering itself with large bunches of white, sweet-scented flowers.

Clematis, pure white, 5c.

Cosmos.

An autumn-flowering plant, requiring treatment similar to the Dahlia. Should be sown early in spring and the plants transplanted in the open border when danger from frost is past. It begins blooming in August and continues until cut down by frost.
Hydrus, mixed, 5c.
Hydrus, pure white, 5c.

Clematis.

Beautiful, hardy climbers, unrivalled for covering arbors, fences, verandas, etc.; will succeed in any good garden soil.
Climaxia, (Tiburon.)

Greavescen.

A free-growing, hardy variety, with beautiful yellow flowers over one and a half inches broad. Bloom from June until November. 15c.

Chrysanthemum.

Showy and effective garden favorites, extensively grown for cut flowers. They are similar to annuals are summer flowering border plants, good for pot culture. The Annual Chrysanthemums have no resemblance whatever to the Perennial varieties, also so popular, but have a distinct beauty. The plants grow 18 to 20 inches high and produce on long stems, beautiful large flowers of many bright colors, the rich colors having the appearance of being laid on with a paint brush. For bouquets and vases, the flowers are very attractive.

Venusia.—Crimson centre, white, 1 ft., 5c.

Flowers, handsome border plants. 2 ft. 5c.

Double White.

Very showy, 2 ft., 5c.

Mixed Varieties, including new hybrids, 5 cents.

Centranthus.

The Centranthus is one of the most beautiful of our Climbing Plants. It has a narrow growth, fine foliage and large bell shaped flowers.

Put the seeds in moist ground, oil down and, do not water until the young plants appear, unless in a warm place and the earth is dry.

Cobaea.

Splendid, free-flowering, green-haused climbers, with large, elegant pea-shaped flowers. For training on trellis-work, wire-glass, etc.

Cistus. Coelestis. Sky-blue from East Indies. 10c.

Columbine.—(See Aquilegia.)

Cockscomb.—(See Celosia.)

Cucumis.—(Ornamental Cucumber.)

Remarkable for the extremely ornamental and picturesque character of its fruitlet and foliage, rapidity and hardiness of growth, it has the most of the useful vines cultivated.

Cucumis Metulans. (Snake Cucumber.)

Wild Cucumber.—A very desirable vine, on account of its early growth and handsome appearance. Seed planted in the fall will come up readily in spring, and will form a vine to beautify unsightly places in a very short space of time. Per ounce, 10c; 5c.

Cucurbita.—(See Gourds.)

Cuphea (Cigar Plant).

Bears curious blossoms somewhat resembling a lighted cigar. Pretty for bedding purposes and for house culture; very ornamental. 1 ft.

C. Purpurea. Mixed, 5c.

Platycentra. Bright scarlet. 10c.

Rezz. 1 ft. Pyramidal habit, flowers vermilion and orange. 10c.

Cyclanthera.

A free-growing climber, with handsome foliage, and pretty oval-shaped flower, exploiting when ripe, half-hardy annual.

Cyclanthera Exsulans. 10 ft., 5c.

Cypress Vine.

Among the most beautiful climbing plants which adorn the flower gardens. The dark green, very graceful, firm-like foliage, thickly studded with bright red flowers, is very effective. Half-hardy annual.

Cypress, Mixed. Including many new and attractive varieties. 5c.

Clynnthus Dampieri (Gloxy Psa.)

A shrubby climber, with nest foliage and drooping clusters of large red, scarlet pea shaped flowers, three inches in length. Each flower is beautifully marked with a black, cloak-blotch. It requires a dry, warm soil, and should be watered but sparingly. Remove to the house when cold weather comes. 25c.

Colens.

These gorgeous colored plants, with their variegated foliage, are deservedly called the most popular plants in culture. Their leaf markings are rich and varied. Start the seed in a hot-bed or pot in the house, and plant out in May. 30c.

Colens. New large-leaved. Six sorts selected from the largest and most superbly variegated foliage plants. 30c.

Cuphea (Cigar Plant).

Fine varieties, mixed, 25c.


Datura. (Angel’s Trumpet).

The Datura or Ghost Flower is a very interesting plant. It grows several feet in height, and branches freely, producing trumpet shaped flowers a foot or more in length. They always attract a good deal of attention. Sow seed in the open ground or they can be started early in pots.

Fastuosu. Double mixed colors, 5c.

Sweet Nightingale. A grand evening Flower, opening about sunset and lasting till near noon the next day. Flowers pure white, 9 inches long and 3 or 4 inches wide at the top. Its delicious fragrance fills the evening air and can be detected a long distance. It is a free bloomer, producing one or more flowers every evening all summer. Seed can be sown in the open ground or started in pots; 5c.

Dahlia. The Queen of Single Flowering Dahlias.

This new variety has created quite a stir in floral circles, and naming its 'Duke' of the Single Dahlias we do not in the slightest exaggerate its claim to prominence. It has been awarded numerous first prizes at various exhibitions and has elicited general admiration wherever shown. The flowers are of the brightest of colors—white, pink, cheery, magenta, orange, yellow and deep purple, and striped, mottled and blotched in the most grotesque and charming manner. The habit of the plant is extremely graceful, its many beauties combining to render it the most gorgeous of recent introductions. Taking into consideration that the culture of Dahlias from seed is one of the easiest, they being sown in February, March or April, will flower the same season. This novelty cannot fail to be universally grown all over the country; 5c.

Daisy. (Bellis Perennis).

A favorite plant for beds or patios, or for edging in shady situations. In bloom from April to June. The seed we offer is saved from the largest double varieties half hardy perennial. Daisies may be easily raised from seed sown in the spring and had in flower in short space of time.

Daisy. Double. Mixed, all colors, 4 inches 15c.

Delphinium. (Larkspur).

One of the most showy and useful plants, possessing almost every requisite for the adornment of the garden, the hardy perennial producing splendid spikes of flowers in profusion throughout the summer. If sown early they bloom the first year from seed. The hardy annuals are pro- fuse bloomers and succeed best if sown in the autumn or very early in the spring.

Double. Mixed, branching, 5c.

Dodecatheon Media Elegans. (Shooting Star, or American Cowslip).

Very ornamental, perennial, well worthy of general cultivation. This is a very excellent form of the Shooting Star growing wild in the West, having flowers of a deeper color, the leaves are shorter and broader, the flower stems shorter and the umbels more numerous than in the old type. It is an excellent plant for borders or shaded places in the garden, and does equally well in the room, for this purpose it should be taken up in the fall and placed in a cool greenhouse. They should not be planted exposed to the sun. Pkt, 50c.

Dianthus. (Pinks).

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The hardy biennials, or Chinese and Japanese varieties, bloom the first season, same as the hardy annuals, Height, 1 ft. The hardy perennial varieties are very fragrant and of easy culture for the garden or greenhouse.

Dianthus Chinensis. (China or Indian Pink). Extra double, all colors, mixed, 5c.

Dianthus. (Pinks).

Dianthus. (Pinks).

It is not known by all admirers of this handsome plant that plants grown from seed will produce beautiful and quite perfect flowers the first summer. Our customers seem as well satisfied with the results from seed as flowers grown from bulbs. The seeds should be started early under glass.


Dahlia Gracilis. April, will flower the same season. This novelty cannot fail to be universally grown all over the country; 5c.

Dianthus. (Pinks).

Euphorbia. (Snow on the Mountain).

A native of the west. Foliage is beautifully veined and margined with white. 1½ feet. H. A., 5c.

Eschscholtzia. (California Poppy).

Very attractive plants for beds, edgings or masses; produce flowering and fine cut foliage. In bloom from June till frost; hardy annuals, 1 foot.

Everlasting Flowers. Showy border plants, the dried flowers of which are highly prized for winter bouquets. Hardy annuals.

Eschscholtzia. Mixed, 2 cents.

Eupatorium Fraseri. Valuable plants for fall and winter blooming; flowers white, 10c.

Daisy. (Bellis Perennis).

Dianthus. (Pinks).

Dianthus. (Pinks).

Dianthus. (Pinks).

Eupatorium Fraseri. Valuable plants for fall and winter blooming; flowers white, 10c.

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Eschscholtzia. (California Poppy).

Everlasting Flowers. Showy border plants, the dried flowers of which are highly prized for winter bouquets. Hardy annuals.
**Digitalis.** (Foxglove.)
Handsome plants of stately growth, especially adapted for shrubbery. Hardy perennial.

**Mixed Colors.** Splendid for mixed borders, 5c.

**Dolichos.** (Hyranth Bean.)
Beautiful climbing plants of free growth, flowering in clusters; 10 ft. Tender annuals.

**Dolichos Lablab.** Purple. Very fragrant, 5c.

**Feverfew.** (See Pyrethrum.)
**Fox Glove.** (See Digitalis.)

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**Forget-Me-Not.** (Myosotis.)
Nest and beautiful little plants, with star-like flowers, succeeding best in a sharply, moist situation; half hard; blooming the first year from seed if sown early.

**Myosotis Palustris** (True). Blue, 1/2 ft., 5c.

**Gomphrena.** (Bachelor's Buttons.)
The seed of Gomphrena does not germinate very well in the open ground; it is best, therefore, to sow it in a hot bed, if possible. By removing the cottony substance from the seeds they will be more certain to grow.

**Gomphrena,** Mixed, 5c.

**Gypsophila.**
Pretty, free flowering, elegant plants for rock work, baskets and edgings, and borders, succeeding in any garden soil.

**Gypsophila Paniculata.** White flowers, beautiful for bouquets, imparting a light, airy appearance; Hardy perennial. 2 ft., 5c.

**Gaillardia.** Splendid bedding plants, remarkable for the profusion, size and brilliance of their flowers; continuing in bloom during the summer and autumn; half-hardy; perennial, 3 ft. 5c.

**Pia Lorenziana (New Double Gaillardia).** As will be seen by the illustration, this new double-flowering Gaillardia is entirely distinct. It succeeds well everywhere, and is large, gay-colored, double flowers are produced most abundantly, without intermission, from July until frost, and are valuable for cutting. The colors embrace sulfur, golden-yellow, orange, amaranth, and claret.

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**Geranium.** (Pelargonium.)
**Zonal, or "Horse-shoe" Geraniums.** Great attention is now given to the improvement of the Geranium. To the amateur purchasing seed it is of the utmost importance to make sure what his chances are of having really fine flowers. To place bets in this position we have had seed collected from the very best named kinds. Plants raised from seed sown early in spring are decorative in summer. Half-hardy perennial.

**Geranium.** Fine mixed, 10c.

**Double Mixed.** Includes many varieties, 25c.

**Gilia.** Very pretty dwarf plants, early, free blooming, fine for masonry and rock work; hardy annuals, 1 ft. Gilia. Mixed, all varieties and colors, 5c.

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**Gourds.** (Ornamental.)
A large and interesting class, producing a great variety of curious fruits, many of which are peculiarly marked. The fruit is hard shelled and will keep for years, exciting much satisfaction.

**Japanese Disheloth Gourd.** A natural disheloth, and a most desirable one, made famous by the peculiar lining of the fruit, which is sponge-like, porous, very tough, elastic, and durable. Many ladies prefer this disheloth to any. The fruit grows about 2 feet in length, vine is ornamental, producing clusters of yellow blossoms, in pleasant contrast with the silvery-barked, dark green foliage. The dried interiors of this gourd have become an article of commerce. They are sold by druggists in Philadelphia, New York, Boston, and Chicago, while in England their sale and use are quite general.

**Sweet Lemon.** Small, yellow, 5c.

**Pear-shaped, yellow and green, cream striped, 5c.

**Gooseberry,** small, bright green, 5c.

**Red Apple.** Small, yellow, 5c.

**Orange,** the well known Mock Orange, 5c.

**Sugar Trough, or Sap Bubble.** A view of Serpent Gourd. Carmin, fruil 5 to 6 long, 5c.

**Dudain.** Fragrant orange fruit, 5c.

**Tushkent.** Very, very high growing species with handsome small white flowers, 10c.

**Turk's Turban.** Very showy, scarlet fruit, 5c.

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**White Egg Formed Gourd.** Also called Japanese. As they exactly resemble in color shape and size, the egg of hens, and do not crack, and are armed by cold, or wet, they make the very best nest eggs. Our illustration is a photograph. All the fruit are hardy and are particularly valuable for dipping hot liquids—the handles do not readily become hot. Dippers of various sizes, of a capacity of from a pint to a quart and a half, can be had from a few 5c.

Our New Building is two doors West of our present one; always address S. F. LONDON, 153 & 155 W. Randolph St.

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**Grasses.** (Ornamental.)
**Agrostis Nebulosa.** Very delicate and graceful, 10c.
**Avena Styrilis.** (Animated Oat.) 5c.
**Briza Maxima.** (Quaking Grass.) Perfectly hardy. Sow in open ground, and thin out in spring.
**Briza Media.** (Small Quaking Grass.) 5c.
**Echinochloa Brizantha.** Fine for bouquets. In appearance something like Briza Maxima, 5c.

**Coix Lachryma.** (Job's Tears.) Grows about 2 feet; broad-corn-like leaves, 5c.
**Erianthus Ravennae.** Resembles Pampas Grass, and being hardy is superior to it for growing in the northern climate, 10c.
**Hordeum Jutatum.** (Squirrel's Tail Grass) 5c.
**Lagurus Ovatus.** (Hard's Tail Grass) 5c.
**Stipa Pennata.** (Feather Grass.) Very graceful and much prized for bouquets, 5c.

**Zea Japonica.**—Ornamental variety of Corn; has beautifully striped leaves. 5 cents.
Helianthus. (Sunflower.)

Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens. The seed is also good for feeding poultry.

Helianthus Globosus Fistulosus.—Flowers large, double, globular, of a rich salmon color. The best of all sunflowers; 6 feet. Pkt. 5c.; oz. 10c.; lb. 50c.

Mammoth Russian.—Single. Pkt. 5c.; oz. 15c.; lb. 30c.

Common.—Single. Pkt. 5c.

Oscar Wilde.—A small, black centered variety of great utility as a border and as a most attractive as a one foot pot. Pkt. 5c.

Helichrysum. (Everlastings.)

Helichrysum flowers are very large and full, and of a good variety of colors, CUT just before the flowers expand. Seeds germinate readily in the open ground.

Helichrysum.—Mixed. Pkt. 5c.

Hollyhock. (Alcea rosea.)

The distinctive character and massive beauty of the Hollyhock render them unrivaled as a picturesque relief to the dark background of evergreen shrubs. For distant effect in large groups they are matchless. They also form a showy and effective outline in flower gardens and borders and an admirably bounding line for an extensive boundary in park scenery. The seed offered has been saved from the finest collections in England, and is of two to three price varieties. Pkt. 15c.

Dwarf Chinese.—Showy, hardy annual variety, two and a half feet high. Start early in hot bed, and transplant one foot apart. Flowers can be had the first year from seed. Pkt. 5c.

Ice Plant. (Mesembryanthemum Crystalllinum.)

A pretty, little trailing plant of dwarf habit, suitable for rockwork and flower borders. The leaves are covered with crystal-like joy globules, and are extensively employed in garnishing. Half hardy annual.

Ice Plant.—Pkt. 5c.

Ipomea. (IPOMOEA.)

Of all flowers in general cultivation the Ipomea ranks pre-eminent for delicates and intrinsic beauty. The brilliant and varied hues of its many species and varieties are marvelously beautiful and their fine, graceful forms render them indispensable adornments for the greenhouse, conservatory and flower garden. For covering arbors, walls, trellises, etc., they are unsurpassed. Tender annuals and biennials.

Ipomea Bonita. (Evening Glory.) Beautiful white, very large blossoms, which expand in the evening, emitting a delightful perfume. 10 ft. 5c.

The Moon Flower.—We think every one will be pleased with The Moon Flower, both on account of its rapid growth and beauty of its flowers. It is impossible to over rate the many excellence of this Ipomea. We offer two varieties this season. The black seeded variety produces immense flowers, quite 4 inches in diameter, some of inner blue and others pure white color. They are produced in hundreds all over the trailing branches of the plant. The flowers placed in saucers of water, are very handsome table decorations, the blue flowers being set in clear water, a yellow flower in the gaslight. Pkt. 10c.

Noctiflora, sometimes called Grandiflora Alba. The seed we offer of this variety is white. This variety grows more rapidly than the black seeded and produces blossoms fully an inch larger in diameter, of a purer white in color, firmer in texture, emitting a rich essenscent perfume. It is handsome in appearance and has every way a decided advantage in its opening an hour earlier than the black-seeded, which is not near so firm in texture and is easily torn by the wind, etc. A magnificent flower. Pkt. 15c.

Kafusia. Desirable, compact dwarf free flowering plants, resembling Single Asters, Hardy annual. Kafusia.—Mixed. 5c.

Larkspur. (See Delphinium.)

Lady Slipper. (See Balson.)

Lavender. (Lavandula Spica.)

This favorite plant is much prized for the delicious fragrance of its violet flowers; 2 ft. Hardy perennial. Lavender.—Pkt. 5c.

Love Lies Bleeding. (See Amaranthus Caudatus.)

Linum. (Flowering Flax.)

Linum Grandiflorum Coecleum.—One of the hardiest annuals ever introduced. For brilliancy of color and duration of bloom it is unsurpassed. Brilliant scarlet, 1 ft. Hardy annuals.

Lobelia. A charming genus of dwarf plants, admirably adapted for beds, edgings and rockwork. Their delicate, drooping foliages and pretty little blue and white flowers render them very attractive in pots or hanging baskets. Half hardy annuals.

Lobelia Erinus.—A very profuse blooming variety, with pretty deep blue flowers. ½ ft. 5c.

Crystal Palace Compacta.—Intense blue. dark foliages, best for bedding. ½ ft. 5c.

Spectabilis, dark blue, best for hanging baskets. 5c.

Finest Mixed Varieties. Including the above sorts; 5c.

Lupinus. Ornamental, free flowering, easily grown, garden plants, with long, graceful spikes of rich and varied colored pea-shaped flowers. Valuable for mixed, flower borders and beds. The seed should be sown where they are to bloom as they do not transplant well. 1. Mixed.—All colors of annual varieties; 2 ft. 5c.

Lobelia. (Lobelia.)

Handsome plants of easy culture, growing in any rich garden soil. For massing in beds and borders, blooming the first year if sown early. Hardy perennials.

Lobelia.—Pkt. 5c.

Lupinus. (Lupinus.)

Grandiflora. 15c.

Malope. Handsome plants of branching habit, producing their large flowers in great profusion, on spikes in mixed borders. Succeed in common garden soil. Hardy annuals.

Malope Grandiflora. 5c.

Marvel of Peru. (Four o'clocks.)

Mirabilis. The Mirabilis, or Four o'clock, grows two feet high, has bright foliage, fragrant flowers and desirable color. Sets plants two feet apart. Makes a nice summer hedge if set in a row about a foot apart. Seed should be planted in the open ground where the plants are desired. Flowers open in the afternoon; hence the name Four o'clock. Pkt. 10c.

Mirabilis Jalapa. (Marvel of Peru.) Mixed colors. Pkt. 5c.

Manrandia. These beautiful climbers can not be too highly recommended, whether for the adornment of the conservatory or the greenhouse or for trellis or trellis work, verandas, etc. Blooms the first season from seed. Half hardy perennials.

Manrandia.—Mixed colors. Pkt. 5c.

Malva, or Mallow. Shoyy and desirable plants, with pretty salmon-colored flowers. Blooms freely all the season. Pkt. 5c.
Marigold

The African is the tallest and most striking in large beds, while the French varieties are admirable adapted for small beds, or as a foreground to taller plants. Half hardy annuals.

Marigold, African Orange. Brown and yellow, mixed; 2 ft., 5c.
French Dwarf. Orange, brown and yellow, mixed; 1 ft., 5c.

Mimulus

Comprising numerous varieties, with white, sulphur and yellow grounds, spotted crimson, scarlet and pink. They luxuriate in damp shady situations, and bloom freely during the early summer months, blooming the first year from seed if sown early. Half hardy perennials.

Mimulus Moschatus. — (Mask Plant). Yellow, 1 ft., 5c.

Finest Mixed Colors. 10c.

Morning Glory. (See Convulvulus)

Morning Bride. (See Scabiosa)

Mimosa. (See Sensitive Plant)

Myosotis. (See Forget-Me-Not)

Musa Ensete. (Abyssinian Banana)

This is one of the grandest and most picturesque of the banana family; as a solitary plant or in groups on the lawn it has a very majestic and tropical effect. The leaves are very long and broad, of a beautiful green, with a crimson midrib in striking contrast. If planted in a warm spot, in a well-manured mixture of leaf mold, rich loam and sand, it will attain a height of from ten to eighteen feet. An occasional application of liquid manure and frequent watering are necessary. If the seed is sown early in hot-bed and repeated several times, the plants will attain a height of over ten feet the first summer. Pkt. of 5 seeds, 25c.

Nasturtium Tall

(Majus Tropaeolum)

Elegant profuse flowering plants for verandas, trailing, etc. The seed pods can be gathered while green and tender for pickling. Hardy annuals. 10 seeds.

Nasturtium Tall, Scarlet. Mixed. Fine colors. 5c.

Nasturtium Dwarf

(Minis Tropaeolum)

The dwarf varieties are all desirable, and are among our most popular plants, standing any amount of heat and drought, growing vigorously and flowering freely all summer and fall; excellent for massing and ribboning, doing well even in poor soil. Hardy annuals. Pkt. 1 foot.

Nemophila. (Love Grove)

This is one of the best Dwarf hardy annuals, of compact growth, comprising varied and beautiful colors; blooms freely all summer. X. Damascena. Blue and white mixed. Pkt. 5c.

Nigella.

(Love in a Mist, or Devil in the Bush)

A compact, free blooming plant with fine cut foliage, curious looking flowers and seed pods; of easy culture, growing in any sandy soil. Hardy annual, 1 foot.

X. Damascena. Blue and white mixed. Pkt. 5c.

Nolani

Very pretty trailing plants with Convolvulus-like flowers, excellent for rustic work, or hanging baskets. Showy also for borders. ½ foot, Hardy annuals.

Nolana. Atriplicifolia. Blue, violet and white. ½ foot, 25c.

Oxalis

A splendid class of plants, with brilliantly colored flowers and dark foliage; suitable either for greenhouse decoration, rock-work or rockery baskets out of doors. Half hardy perennials. Mixed. 5c.

Primula

(Chinese Primrose)

A charming, profuse flowering plant, indispensable for winter and spring decoration in the conservatory or sitting-room. The seed we offer has been saved from the finest collection in Europe, and is of unsurpassed quality. Greenhouse perennials.

Primula, Finest Mixed. From fringed varieties. 25c.

EVERY lover of flowers knows and cultivates the pansy. As it is an almost universal favorite, we have devoted a great deal of time and attention toward getting the seed of the largest and most perfect blossoms, the truest types in colors and also the wonderful marked varieties of Prize Pansies, and we can honestly claim that our stock is unsurpassed by any.

Seed can be sown any time of the year but for summer and fall flowering it is best to sow the seed in early spring.

It will flower better in the summer if planted where it is shaded from the hot sun and is also watered freely.

Young plants give the largest blossoms, and, if all flowers are picked as soon as they begin to fade, the plants will bloom much more freely, giving larger flowers and better colors.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>Giant Odier</td>
<td>A handsome variety, the blossoms being very large and perfect in form, with very dark, deep, velvety blotches, marked with an endless variety of colors. Extra large and fine.</td>
<td>.10</td>
</tr>
<tr>
<td>Giant Trimardeau</td>
<td>This is, without doubt, the largest of all the Pansies. The blossoms are simply enormous, perfect in form, and run through all the varieties of colors, from the lightest shade to the darkest purple, and are marked with three large blotches.</td>
<td>.10</td>
</tr>
<tr>
<td>Lord Beaconsfield</td>
<td>A deep purple violet shading off in the upper petals to a white blue.</td>
<td>.05</td>
</tr>
<tr>
<td>Emperor William</td>
<td>Fine large flower, ultra-marine blue, with violet-purple eye.</td>
<td>.05</td>
</tr>
<tr>
<td>Leonard's Giant Prize</td>
<td>Saved from the largest prize varieties only. For enormous size, the numerous and grand rich velvety colors this strain is incomparable, and it is of undoubted merit.</td>
<td>.25</td>
</tr>
<tr>
<td>German</td>
<td>Choice colors. Good sized and perfect blooming sorts.</td>
<td>.15</td>
</tr>
<tr>
<td>Mixed</td>
<td>Very fine; good colors.</td>
<td>.05</td>
</tr>
</tbody>
</table>
Phlox Drummondii.

An indispensable, constant blooming favorite, which should occupy a prominent place in every garden, for its beauty or massing, quite as desirable as the single flowers, for their duration of bloom and display of brilliant, dazzling colors; hardy annuals; 2 to 3 ft.

**Pure White.** Valuable for florists

*Rosea.* Bright rose. Beautiful, 3c.

*Isabellina.* Pale yellow, 5c.

**Striped.** Striped scarlet and white, 5c.

**Fimbriata.** This entirely new and distinct form of Phlox Drummondii, presents a feature of great oddity and beauty. The petals are beautifully fringed, most of them

drawn out to long points, as shown in the cut, giving the flower a splendid long pointed, regular starlike form, whose beauty is improved by broad white margins, which border the edge of the petals. The flowers are usually of bluish purple color, but we are fortunate enough to have a strain embracing nearly all the colors usually found in Phloxes, white, scarlet, pink, 5c, 10c.

**Double White.**—A much improved strain. Last season’s introduction of the first really double Phlox ever offered, and will undoubtedly prove very valuable. They produce a profusion of charming, densely double white flowers, and about sixty per cent. comes true from seed, 10c.

**Star of Geddesburg.**—A very striking novelty of extraordinary character. The growth is generally dwarfer, and the habit more compact than that of the Phlox Drummondii; the chief difference, however, consists in the flowers, the centre petals, which are five in number, being much elongated, from four to five times the length of the lateral ones, thus giving the flowers a most distinct and regular starlike appearance, their attractiveness being greatly enhanced by the broad white margins, which border the edges of the petals. 5c.

**Petunia.**

For outdoor decoration or house culture, few plants are equal to this class. They commence flowering early, and continue a mass of bloom throughout the whole season, until killed by frost; easily cultivated, requiring rich soil and a sunny situation. Of late years the single striped, mottled and double varieties have been greatly improved; hardy annuals; 2 to 3 ft.

**Petunia.** Striped, mottled, blotched and mixed, 5c.

**Extra Large Flowering Double.**—A magnificent large flowering strain with flowers twice the size of the old sorts, and of the most beautiful shades of crimson, white rose, maroon, etc., blotched, striped, veined bordeaux, marked and fringed in an odd and and artistic manner. This strain we believe to be the finest in the world, and will produce a large percentage of double.

**Mixed Colors.** See cut.

**Superbissina Minor.** Gorgeous red flowers, with large jet black throats. Very fine. 3c.

**Portulaca.** (Moss Rose).

Most perfect, double flowers, and will produce a large proportion of double blossoms. The colors are beautiful and brilliant, of great variety. 10c.

**Pyrethrum.** (Feverfew)

The Pyrethrum or Feverfew is an exceedingly ornamental plant, succeeding in any good garden soil.

**Pyrethrum (Feverfew).** Double white flowering, 10c.

**Partheniollum Aureum.** (Golden Feather). Bright golden foliage. One of the best bedding plants; 1 ft., 10c.

**Cocinea.** Brilliant Scarlet—splendid, 5c.

**Black Warrior.** A very dark deep red, 5c.

**Mixed.** Splendid varieties, 5c.

**Petunia.**

For outdoor decoration or house culture, few plants are equal to this class. They commence flowering early, and continue a mass of bloom throughout the whole season, until killed by frost; easily cultivated, requiring rich soil and a sunny situation. Of late years the single striped, mottled and double varieties have been greatly improved; hardy annuals; 2 to 3 ft.

**Petunia.** Striped, mottled, blotched and mixed, 5c.

**Extra Large Flowering Double.**—A magnificent large flowering strain with flowers twice the size of the old sorts, and of the most beautiful shades of crimson, white rose, maroon, etc., blotched, striped, veined bordeaux, marked and fringed in an odd and and artistic manner. This strain we believe to be the finest in the world, and will produce a large percentage of double.

**Mixed Colors.** See cut.

**Superbissina Minor.** Gorgeous red flowers, with large jet black throats. Very fine. 3c.

**Rocket.** (Hesperis).

A very interesting, useful and free-flowering plant. Blooming early, it remains beautiful for a long time in beds, ribbons, etc., and is much admired for the delicious fragrance of its flowers. Hardy perennial. Rocket, Mixed. 1'/2 ft., 5c.

**Ricinus.** (Castor Oil Bean).

Ornamental plants of small growth and picturesque foliage, with brilliant colored foliage, producing a tropical effect; fine for lawns, masses, as a border, for ribbon or mixed beds. Half-hardy annuals. Ricinus, Sanguiineus Tri-color, exceedingly ornamental, red spotted fruit in clusters, fine foliage, 10 ft., 5c. Mixed Varieties. Containing the above, 5c.
Passion Flower. (Passiflora) Magnificent winter clinging flower of unrivaled elegance and incomparable beauty. The flowers have a double flat, purple, white or crimson bloom, and the flowers truly gorgeous. Passion Flower. Mixed, 5c.

Rhodanthe. A charming everlasting of great beauty. Very hardy and a great asset for the conservatory and flower garden. It forms a very compact and ornamental plant, producing a beautiful effect in beds or borders. Plants 6 to 12 inches high and 8 to 15 inches wide when grown in the garden. They require a mixed soil of east, loam and sand. Tender annual. Rhodanthe, Mixed, 5c.

Salvia. (Flowering Sage) A favorite greenhouse and bedding plant, it produces long spikes of flowers in great profusion. It is hardy and a great asset for the conservatory. Salvia, Scarlet and Blue Mixed, 5c.

Scarlet Runners. P. Multiflora. Valuable alike as an ornamental climbing plant and as a bee food. It grows to a height of ten feet, producing clusters of scarlet flowers. Fr., 25c.; qt., 5c.; 5c.

Sensitive Plant. (Mimosa) Curious and interesting plant, with pinkish white flowers. The leaves close and drop when touched or shaken. They require a mixed soil of east, loam and sand. Tender annual. Mimosa, 1½ ft., 5c.

Stocks, Gillyflower. The Stock Gillyflower is one of the most popular plants, either for bedding and massing or culture. For brilliancy and diversity of color, for value and duration of blooms, it is unsurpassed. The Ten Weeks Stocks (Mathiola Sinuata) are generally cultivated and bloom from June to October. Half hardy perennial. Stocks, Mixed, 11½ ft., 10c.

Stock, New Large Flowering. The variety is known. Many magnificent colors, mixed, 1½ ft., 10c.

Pure White. Very superb, 1½ ft., 10c.

Bright Crimson. Very effective. 10c.

Purple. 1½ ft., 10c.

German Dwarf. Finest mixed colors; 10c.

Teu-Week. All colors, mixed, 5c.

Notice the change in our address to 153 & 155 W. Randolph St.

Scabiosa. (Morning Bride) One of our handsomest summer border plants, producing in great profusion very double flowers in a variety of shades and colors. A splendid flower for table bouquets, etc. Hardy annual. Scabiosa. Finest Varieties Mixed, 5c.

On bottom of page 63 will be found a choice list of single and double Dahlia Bulbs—don't fail to read it.

Sweet Peas. (Lathyrus Odoratus) Very lovely, beautiful, fragrant, free blooming, climbing plants, Sweet Peas are grown quite extensively by florists and gardeners for cut flowers, and when placed in water will last many days, and their sweet perfume delights many. Supported by common pea sticks they form admirable screens for protecting tender plants and excelling unsightly objects. They are invaluable for trailing and trellis work and covering fences, etc. The more the flowers are cut the more freely they will bloom.

Sweet Peas, Invincible Scarlet. Flowers remarkably fragrant and color rich. Deep scarlet. 5c.

Painted Lady. Rose and White. 5c.

Pure White. 5c.

Vesuvius. The upper petals are spotted on rosy ground, color shading into purple at the throat. The lower petals or standard, is of a velvety violet, shading off to lilac at the edge. 5c.

Eckford's New Large Flowering, while possessing the same delicious perfume as any of the ordinary varieties, the flowers, produced in profusion, are nearly double the size, are more perfect in form and present combinations in markings and colors hitherto unknown in this exquisite flower. 5c.

Choice Mixed, including the above and many other new sorts; per oz., 10c.; ½ lb., 50c.; 5c.

Everlasting Pea. Very ornamental, free flowering plants, useful for covering trellises, old stumps, fences or walls; growing in any soil. 5c.

Salpiglossis. (See Catchfly)

Silene. (See Catchfly)

Sweet Sultan. (Centauria) A free flowering, very effective hardy border plant. The flowers have a double bright purple and are bluish prized for bouquets. Hardy annual. Sweet Sultan. Mixed colors, 5c.
Sweet William
(Dianthus barbatus.)
A well known, free flowering favorite, universally admired for the endless variety and matchless beauty of its massive heads in bloom. Many of the late improvements of this magnificent plant are marked by features of a distinct and striking character. *Hardy perennials.*

**Sweet William, Double Flowering.** Various beautiful colors, mixed; 1 ft., $10c.

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**Tropaeolum.**
Very elegant and beautiful climbers, flowering most profusely. Admirably adapted for greenhouse or conservatory decorations, especially during the winter months. Very useful for covering verandas, trellises and rustic work out of doors. *Half hardy annuals.*

**Tropaeolum Perigrinum.** (Canary Bird Flower). This variety, with its beautifully fringed, rich yellow flowers and pretty foliage, is universally known and admired; 5c.

**Verbena.**
Verbenas are easily grown from seed. If sown early in the spring they will flower quite early in the season and continue until destroyed by frost. Owing to their dwarf habit of growth and brilliancy of color they are indispensable for bedding and edging and furnish many flowers for cutting. The seed we are offering has been saved from one of the finest collections in Germany.

*Choice Mixed.* 5c.
*Pure White.* 10c.
*Red Varieties.* Brilliant colors, 10c.
*Purple.* 15c.
*Striped.* 10c.

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**Mammoth.** Obtained by careful selection of the largest and most striking flowers. This strain has been improved and we think it cannot be surpassed. 10c.

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**Vincas.**
A genus of beautiful greenhouse shrubs. If sown early in heat and transplanted to a warm situation in the garden, about May or June, they will flower beautifully in the summer and may be planted for the house before frost.

*Vincas, Mixed Colors.* 5c.

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**Violet.** (*Viola Odorata.*)
Well known fragrant early-spring blooming plants for edgings, groups or borders, thriving best in the summer in a shady situation, in a rich, deep soil. Externally used, by florists, for forcing for cut flowers during the fall and winter months. *Hardy perennials.*

**V. Single Blue.** (Oclratn perforata). Very sweet scented blue flowers, 5c.

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**Xeranthemum.**
Xeranthemum are free blooming annuals of a neat, compact habit growing less than a foot in height. The leaves are silvery and flowery abundant.

**Xeranthemum, Mixed.**

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**Thrift.**
A pretty plant with delicate foliage and drooping clusters of blue and white bell-shaped flowers. *Hardy perennials.*

**Thrift.** Mixed varieties, 5c.

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Wallflower.
Wallflowers are highly prized for their delicious fragrance. In the spring they are indispensable for beds, groups and borders. The large, massive and conspicuous spikes of the double German varieties have a charming effect, while the more busly, compact growth and profuse blooming of the single varieties render them exceedingly attractive. *Hardy perennials.*

**Wallflower, Fine Mixed.** 1½ ft., 5c.
**Wallflower, Finest Double Mixed.** 1½ ft., 10c.

Always address
S. F. LEONARD
135 & 159 W. Randolph st.
Chicago.

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We are now in our New Store, built especially for our trade, notice the change of address.

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Zinnia.
Zinnia Elegans (Youth and old age)
Double Zinnias are quite an acquisition to that list of garden favorites, being branching habit and splendidly brilliant colored double flowers, rivaling the Dahlia in beauty and form. The seed can be sown early in the hot-bed and transplanted or sown later in the open ground. *Half hardy annuals.*

**Zinnia Elegans Coccinea.** Dazzling scarlet, 1½ ft., 5c.
**Alba.** Pure white. 1½ ft., 5c.
**Finest Mixed.** Brilliant colors, 1½ ft., 5c.
**Striped Zebra.** This is the finest strain ever offered. Several colors not provided in usual Zinnia strains. 2½ ft., 10c.

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**Verbena, Lemon-Scented.** (*Aloysia citrrodora.*)
This well known garden favorite seems to have other qualities to recommend it than that of fragrance, for which it is usually cultivated. The author of a recent work, entitled "Among the Spanish People," describes it as being systematically gathered in Spain where it is regarded as a fine food and highly prized for flavor. It is either used in the form of a cold decoction, sweetened, or five or six leaves are put into a teapot and hot tea poured over them. The author says that the flavor of the tea thus prepared "is sim® delicious and no one who has drunk his Pekoe with it will ever drink without a sense of inferiority"!

**Verbena, Lemon Scented.** *Half hardy perennial.* 2½ ft., 10c.

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**Vine.**
A genus of beautiful greenhouse shrubs. If sown early in heat and transplanted to a warm situation in the garden, about May or June, they will flower beautifully in the summer and may be planted for the house before frost.

**Vine, Mixed Colors.** 5c.

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**Zinnia.**
Zinnias are quite an acquisition to that list of garden favorites, being branching habit and splendidly brilliant colored double flowers, rivaling the Dahlia in beauty and form. The seed can be sown early in the hot-bed and transplanted or sown later in the open ground. *Half hardy annuals.*

**Zinnia Elegans Coccinea.** Dazzling scarlet, 1½ ft., 5c.
**Alba.** Pure white. 1½ ft., 5c.
**Finest Mixed.** Brilliant colors, 1½ ft., 5c.
**Striped Zebra.** This is the finest strain ever offered. Several colors not provided in usual Zinnia strains. 2½ ft., 10c.
AILANTHUS, OR TREE OF HEAVEN.

This grand ornamental tree was introduced some time ago. It is the most rapid grower of all trees, perfectly hardy in all parts, succeeding in any soil, no matter how poor, and growing from six to ten feet high the first summer from seed, with magnificent leaves five to six feet long, giving it a grand tropical appearance. In fact, nothing so luxuriant can be found outside the tropics. It is a native of China, where it is known as the Tree of Heaven, a name suggested by its majestic form and great beauty. Trees grow to a good height and bear in the greatest profusion, large panicles of bloom, which are followed by the seed pods having to grow clusters and colored like autumnal leaves. The cut represents a panicle of bloom, and a seedling tree four months from sowing. These seedlings are beautiful for lawns and flower beds, even finer than Richhous or Cannas. Pkt., 5c.

STACHYS AFFINIS.

A new and valuable ground fruit. The bulbs are the size and shape as seen in the cut, and taste exactly like the tuber of an artichoke, and are cooked in a variety of ways—fried, roasted, boiled, etc., but are particularly valuable for feed, considering their enormous productiveness. They are probably the most valuable feed to raise for swine. With us, the past season, planted in ordinary soil, they yielded a bushel of tubers to every ten feet of row. The bulbs are very sweet, tender and nutritious. Dec. 50c.; per 100, 75c. (See cut.)

SPANISH PEANUT.

Peanuts can be cultivated in the north as easily as potatoes. They yield largely and are a paying crop. The Spanish is a desirable variety, because it is early and large. It grows like the common kinds of peanuts, and therefore much more easily cultivated, the show doing nearly all the work: also in harvesting, all the ears hang to the roots, and can be gathered in bunches. Planted in April they ripen in August, and planted as early as July 1st to 10th, will make fall crops before frost. Post-paid, pkt. 10c.; pt., 25c.; qt., 40c.

ENSILAGE CORN

Red Cob Ensilage.—A pure white corn growing on a red cob. It is sweet, tender, juicy, has short joints and produces an abundance of foliage. Dairy farmers should grow this sort; it will produce 25 to 30 tons per acre. 50 bushels per acre. Pkt., 60c.; bu., $1.00.

Southern Fodder.—Another white variety that every sheep owner or dairy farmer should not overlook. It grows 12 to 16 feet high, has broad foliage and tender stalks. There is no better fodder to keep sheep in winter. It will yield 30 to 40 tons per acre. Pkt., 60c.; bu., $1.00.

Blench’s Prolific White (Ensilage Corn).—This variety bears 4 to 6 ears per stalk, grain plump and white; it is very productive and is also considered the best variety for making ensilage. Pkt., 60c.; bu., $1.50.

MAMMOTH RUSSIAN SUNFLOWER.

The accompanying illustration was drawn from a mammoth head of this variety. Single heads measure 12 to 22 inches in diameter, and contain an immense quantity of seed which is highly valued by all farmers and poultry breeders, who have tried it as an excellent and cheap food for fowls. They cut it greedily, fatten well on it and obtain a bright lustrous plumage and strong, healthy condition, better than on almost any other food. It is the best egg producing food known for poultry. It can be raised cheaper than corn, and is destined to be an article of great value as soon as it becomes generally known. Every farmer should plant some of the seed in any waste piece of ground, any time from early spring up to the middle of June. It is a wonderful improvement over the old native sunflower, and besides the ordinary setting the seed as a poultry and stock food, it’s strong, thick stalks can be properly used as fuel. Three quarts of seed will plant one acre. The seed is also recommended as an excellent food for horses. Pkt., 5c.; lb., 25c.; 50c.; by express, 10 lbs., $1.00.

CHUFAS, OR EARTH ALMONDS.

The nuts resemble almonds in taste, and are much relished by boys and girls. They are also eaten greedily by hogs and poultry. The nuts grow underground, near the surface, and are easily reached. Plant 30 inches apart, in 5-foot rows. If seed is dry, soak before planting. One peck plants an acre. Pkt., 5c.; lb., 25c.

Russian Sunflower.

Spanish Peanut.

Chufas, or Earth Almonds.
French Imperial.—A semi-hard, bearded, red spring wheat, especially adapted to soils of ordinary richness, and where Fife wheats do not produce. It is a heavy yielder, and has given remarkable yields, even as far south as Texas. In quality it ranks as Extra No. 1. One of the heaviest wheats grown. Post-paid, lb., 25c.; 1 lb., 50c. By express or freight, pk., 60c.; bu., $1.50.

Saskatchewan Fife.—This wheat is beyond question the hardest and best milling wheat known. Other favorably-mentioned wheats have been surpassed in both yield and in size of kernel. The hard, dry, and thin yields the largest quantity of high-grade flour. Post-paid, lb., 25c.; 1 lb., 50c. By express or freight, pk., 60c.; bu., $1.50.

Velvet Chaff Blue Stem.—This wheat is a distinct variety from all other spring wheats. It is a broad, white chaff and the chaff has a velvet-like surface. It has a very dark green, has a beautiful blue bloom on it, which entirely disappears as the wheat ripens, and then the stem and straw assume a beautiful golden yellow hue, and entirely free from rust. The wheat kernel is of the hard variety, quite similar to the renowned Scotch Fife, but much more productive, and equal to any other spring wheat. Post-paid, lb., 25c.; 1 lb., 50c. By express or freight, pk., 60c.; bu., $1.50.

WINTER WHEAT.

Hemp.—Jones' Winter Fife, Red Wonder, Early Flax.—Sown early in spring, and sown broadcast at the rate of one-half bushel per acre and dragged in. Harrowing and rolling in the spring are recommended. If cut before fully ripe the grain makes more and better flour; if harvested for seed it should be fully ripe. Sow some rye among standing corn, hoewing it in, leaving the ground level as possible, after the corn has been removed, rolling the ground. It succeeds best on sandy soils. Bu., $1.50.

Red Spring.—Although this grain is often planted by farmers, especially for the paper makers, who prefer it to any other, its principal value is as a "catch" crop, to sow where winter grain has failed. The straw is shorter and stiffer than that of the winter variety, and is always easier secured, while the grain, although smaller, is of equal value. Bu., $1.50.

SEED BARLEY.

Highland Chief Barley.—This is an entirely new and distinct two-rowed variety of barley. It is very robust, a vigorous grower, and the size of the grain when compared with any other is immense. It is less liable to be damaged by wet than other kinds, insomuch as it is more closely covered with broad awns or spikelets, consequence it is less liable to lose color by the wet weather. Has strong, upright straw, yields from fifty to sixty bushels per acre, and usually weighs over fifty pounds to the measured bushel. Pk., 60c.; bu., $2.00; by mail, 50c.

Mansury Barley.—A six-rowed barley, with long, heavy, well filled heads, containing large, plump grains. Straw bright, very strong, and is not apt to lodge, even on the richest soil. Ripens about a week or ten days later than the common six-rowed barley, or about the same time as two-rowed barley. Express or freight, pk., 40c.; bu., $1.50. By mail, 25c.

Barley, Common.—Barley succeeds best on lands more sandy and lighter than those adapted to wheat. It is grown in the spring and can be grown farther north than spring barley. Sow from 2 to 3 lbs. bushels per acre. Weight, 4 lbs. per bushel. Bu., $1.00.

SEED BUCKWHEAT.

Japanese Buckwheat.—The kernels are at least twice the size of those of any other variety, and of a shape peculiar and distinct from all others. The color of the kernels is also most distinct, being a rich, dark shade of brown. The straw is heavier, very bright and does not need to be sown as thickly as other kinds. The quality is excellent and the yield is enormous. It is about a week earlier in ripening than the Silver Hull. By mail, 25c. By express or freight, pk., 40c.; bu., $1.50.

Buckwheat, Silver Hull.—This improved variety is much better than the old sort. It is in bloom longer, matures sooner, and yields double the quantity per acre. The husk is thinner and the corners less prominent, and the grain of a beautiful light gray color. The flour is said to be better and more nutritious. Pk., 40c.; bu., $1.70.

Buckwheat, Common.—Buckwheat should be sown about the 20th of June, broadcast, at the rate of from one to three pecks per acre. The average yield is from twenty-five to thirty bushels per acre. It should be threshed as soon as dry, on the ground or barn floor. If allowed to stand in mass it quickly gathers moisture. Pk., 35c.; bu., $1.25.
The Giant French Hybrid Side Oats.

The Giant French Hybrid Side Oats were introduced here in 1889, and have been carefully tested in all parts of the United States, and the most flattering reports have been received, all stating that they have out-yielded every other variety tested beside them. In one case, at the Illinois Agricultural College, at Champaign, they yielded fifteen bushels more per acre than any of seventeen varieties.

They grow four to five feet tall, with stiff straw, never lodge, always stood freely and yield prolifically—heads measuring sixteen to eighteen inches in length and containing 150 to 200 grains, being of common occurrence. By actual count, 1,632 grains have been produced from a single grain, or in other words a product of over 1,600-fold.

They are medium early in ripening, consequently should be planted early. We have a good supply this season, and offer them at the following low prices: By mail, post-paid, pk., 10c.; pt., 15c.; qt., 25c.; by express or freight, pk., 40c.; bu., $1.00; 10 bu., $9.00; bags free.

Royal Victoria Oats.—This new variety is a wonderful yielder. The grain is plump and heavy. The straw is stiff and strong, stands out remarkably, and is not inclined to lodge. In earliness it is not surpassed by any variety, while the plumpness and weight of the grain make its productiveness one-fourth more than the ordinary kinds, even should it thresh out but the ordinary quantity in measured bushels. Pkt., 5c.; pt., 15c.; qt., 25c.; by mail, post-paid; by express or freight, at purchaser’s expense, pk., 40c.; bu., $1.00; 10 bu., $9.00; bags free.

Black Russian Oats.—After repeated trials and comparisons we consider this the best black oats in existence. It is exceedingly hardy, yielding 80 to 100 bushels per acre of measured oats. It is perfectly hardy, and can be sown in the fall. The grain is plump and heavy, weighing forty-two pounds to the struck bushel. For the past three seasons we have sold this oats, and our reports from it have been favorable always. Pkt., 5c.; lb., 20c.; by mail, post-paid; by express or freight, pk., 40c.; bu., $1.00.

White Bonanza Oats.—By mail, lb., 20c.; by express or freight, pk., 40c.; bu., $1.00. Prices for larger quantities on application.

American Banner Oats.—Every customer who raises grain should try the American Banner oats. By mail, lb., 20c.; by express or freight, pk., 40c.; bu., $1.00. For larger quantities, special prices on application.

Welcome Oats.—This has had a large sale. It is a very handsome white oats, weighing from forty-five to fifty pounds per measured bushel. Extremely early. Pk., 40c.; bu., $1.00; 2½ bu., $2.25.

Race Horse Oats.—This new variety, lately imported from England, has proved to be the best oats of any we have had, for earliness and yield. By freight or express, pk., 40c.; bu., $1.00.
Red Top (Agrostis Vulgaris).—A valuable grass for moist soils and low lands. It is a good permanent grass, standing our climate as well as any other, and consequently well suited to our pastures, in which it should be fed close, for if allowed to grow up to seed the cattle refuse it. On moist, rich soil it will grow two feet, and on poor, gravelly soil, about half that height. 14 bu.; 2 bu. to acre. Lb., 5c.

Kentucky Blue Grass (Poa Pratensis).—This is known in some sections as “Green Meadow Grass” and “June Grass,” but should not be confounded with “Poa-compressa,” called by some “June, or Wire Grass.” It is the best pasture for our climate and soil, succeeding finely on hill lands and producing the most nourishing food for cattle, retain its qualities to a late period in winter, and further south, affording abundant food throughout the winter. Sow early in the spring or during the months of October and November. Fancy clean seed, per lb., 15c.

Orchard Grass or Rough Cockfoot (Dactylis Glomerata).—This is one of the most valuable and widely known of all pasture grasses, coming earlier in the spring and remaining later in autumn than any other. It grows about two and a half feet high, producing an immense quantity of leaves and foliage. Blooms with red clover, and making with it an admirable hay. It is well adapted for sowing under trees or orchards, and very valuable either for grazing or for hay. 14 lb. bu.; 2 bu. to acre. Lb., 15c.

Timothy (Phleum Pratense).—This is decidedly the best grass for hay, making a large return of strong, rich clay, of medium state of moisture. Though somewhat coarse and hard, especially if allowed to ripen its seed, yet, if cut in the blossom, or directly after, it is greatly relished by all kinds of stock, and especially so by horses, while it possesses a large percentage of nutritive matter in comparison with other agricultural grasses. It grows very readily and yields very large crops on favorable soils. It can never be used effectively as a pasture grass. 45 lb. bu.; 12 bu. to acre. Write for market price. 100 lbs $5.00.

Italian Rye Grass (Lolium Italicum).—A valuable European variety, adapted to any climate, and produces large and nutritive crops. Per bu. (18 lbs.), per lb. 10c.

English Rye Grass (Lolium perenne).—A very nutritious, rapid-growing variety, valuable for meadows and pastures. Per bu. (24 lbs.), per lb. 10c.

Creeping Bent (Agrostis stolonifera).—An excellent variety for lawns or pastures; succeeds well in damp soils. Per lb., 25c.

Johnson Grass.—A large, strong-growing grass, especially adapted for southern cultivation. Succeeds well in the south, and is very popular where grown. It is also called Guinea Grass, Means Grass, Egyptian Grass, Cuba Grass and Green Valley Grass. Good for hay or pasture; stands drought well. Sow one bu. per acre. Write for market price.

Tall Meadow Oat Grass (Avena Elator).—This produces an abundant supply of foliage, and is valuable for pastureage on account of its early and luxuriant growth. It is recommended for hay, and shoots up very quickly after being cut, and produces a thick crop of aftermath, which also makes it valuable as a sowing crop. Per bu., 25c.

Sweet Vernal Grass (Anthoxanthum Odoratum).—This grass yields but a moderate percentage of herbage. It is remarkable for giving out a pleasant sweet smell during the process of drying, and it is to the presence of this grass that hay from natural meadows owes its peculiar fragrance. Permanent pastures should not be sown without a portion of this grass. Per lb., 35c.
Rhode Island Beut (*Agrariae var*).—Excellent for lawns or pastures. 1 lb. 12 lbs. $1.00.

Wood Meadow Grass (*Poii nemoralis*).—A very productive and nutritious grass, adapted for lawns or pastures. Thrives well under trees. 1 lb. 30c.

Yellow Oat Grass (*Avena Lutescens*).—Good for dry pastures and meadows. About seven pounds to the bushel. 1 lb. 30c.

Hard Fescue (*Festuca Rubra*).—One of the most desirable dwarf grasses. Excellent for dry soils. 1 lb. 10c.

Meadow Fescue (*Festuca Pratensis*).—A valuable grass for permanent pastures. Very productive and nutritious. 1 lb. 30c.

Sheep's Fescue (*Festuca Ovinus*).—An excellent grass for sheep pastures. 1 lb. 30c.

Meadow Fossil (*Alopecurus Pratensis*).—One of the earliest and best pasture grasses. Grows rapidly when cut or eaten down by stock. 1 lb. 30c.

Crested Dogstail (*Cynosurus Cristatus*).—An excellent grass for hard, dry soils. Valuable for pastures and lawns. 1 lb. 40c.

Rescue Grass (*Bromus Scaber*).—A valuable forage plant from Australia. 1 lb. 50c.

Common Millet (*Panicum Miliaceum*).—Requires a dry, light, rich soil and grows two and a half to four feet high, with fine bulk of stalk and leaves, and is excellent for forage. Sow broadcast from May 1 to June 30 if for seed, or until the last of July if for hay. 100 lbs. $2.50.

German (or Golden) Millet.—This variety is not so early as the common millet, but yields a much larger crop. Southern grown seed is much preferred, as it will produce more hay. Northern grown seed is usually hybridized with other millets and will not grow as tall. We furnish southern grown seed. 100 lbs. $2.00.

Hungarian Grass (*Panicum Germinans*).—A valuable forage plant. Succeeds well on dry, light soil. Withstands the drought remarkably, remaining green when other vegetation is parched up, and if its development is arrested by dry weather the latter rain will restore it to vigor. 100 lbs. $2.50.

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**GRASS SEEDS—CONTINUED.**

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**LAWN GRASS SEEDS.**

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**SPECIAL MIXTURE OF NATURAL GRASSES ADAPTED FOR GARDEN LAWNS, LAWN TENNIS AND CROQUET GROUNDS.**

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**SPECIAL MIXTURE OF NATURAL GRASSES ADAPTED FOR GARDEN LAWNS, LAWN TENNIS AND CROQUET GROUNDS.**

**SPECIAL MIXTURE OF NATURAL GRASSES ADAPTED FOR GARDEN LAWNS, LAWN TENNIS AND CROQUET GROUNDS.**

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**West Chicago Parks Mixture.**—This is a special mixture prepared by us for Chicago's West Side parks during the past six years. It is composed of those grasses which form an enduring velvety turf, adjusted in such proportions as to enable it to withstand the summer drought and meet the requirements usually expected of the grass in public pleasure grounds. For lawns, tennis courts and croquet grounds it will be found admirable, and with slight variations it can be prepared to suit light, medium or heavy soils. 1 lb. post-paid, 2c.; 3 lbs. $1.00; bu. (14 lbs.) $5.00; 4 bu. $9.00. Purchaser to pay freight or express charges; bags free.

**Evergreen Brand.**—This lawn grass has given universal satisfaction to all purchasers, and where beauty of lawn is especially desired it is the perfection of mixture. It is composed of more expensive grasses than the others and is therefore higher in price. 1 lb. post-paid, 40c.; 3 lbs. $1.00; bu. (14 lbs.) $5.00; 3 bu. $10.00. Purchaser to pay freight or express charges; bags free.

**Good Lawn Mixture.**—For an ordinary yard where a cheaper mixture is deemed sufficient, we recommend this grass seed. It is well adapted to patching up bare spots where the grass has been trodden off during winter. 1 lb. post-paid, 2c.; 3 lbs. 6c.; bu. (14 lbs.) $1.00; 5 lbs. $2.00. Purchaser to pay freight or express charges; bags free.

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**CLOVER SEEDS.**

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**The prices on clovers constantly change, and it is always best to write for latest market prices, previous to ordering. But to customers at a distance, who cannot lose the time required to do this, we will say that if prices are lower they will get the benefit, and if prices are higher we will ship all that the money will pay for.**

**Medium Red or June (Trifolium Pratense).—This is by far the most important of all varieties for the practical purposes of agriculture. Sow in spring or fall, and when no other grasses are used, at the rate of eight or ten pounds per acre, more being required on old, stiff soils than on new and lighter ones. Sixty pounds per bushel. 1 lb. 15c.**

**Hairy or Large Red (Trifolium Pratense).—It grows five or six feet high, but its stalks are so coarse and large that stock will eat only the leaves. By its judicious use, lands which have been exhausted, may be reclaimed, as it will grow where the common clover will fail. Sow at the rate of about eight pounds per acre. Sixty pounds per bushel. 1 lb. 6c.**

**White Dutch (Trifolium Ripes).—A small creeping, spreading, perennial variety, valuable for pasture and lawns. It accommodations itself to a variety of soils, but prefers moist ground. In conjunction with Blue Grass it forms the most nutritious food for sheep or cows. Sow in spring at the rate of six pounds per acre, or when used with other grasses half that amount will be sufficient. 1 lb. post-paid, 4c.; 3 lbs. $1.00.**

**Aisike or Swedish (Trifolium Hybrida).—This valuable variety is fast gaining great popularity. It is the most hardy of all the clovers; perennial. On rich, moist soils it yields an enormous quantity of hay or pasture, and may be cut several times in a season, and its greatest value is for sowing with other clovers and grasses, as it forms a thick bottom and greatly increases the yield of hay, and cattle prefer it to any other forage. Sow in spring or fall at the rate of six pounds per acre, where used alone. Sixty pounds per bushel. 1 lb. post-paid, 3c.**

**Bokhara (Melilotus Albus).—Sweet clover. This is exceedingly valuable as pastureage for bees. 1 lb. post-paid, 40c.**

**Crimson Trefolli or Scarlet Italian (Trifolium Incarnatum).—This is an annual variety in common use in Italy and south of France for feeding green. Makes good hay. Sow in April or May, eight pounds of seed per acre. 1 lb. post-paid, 2c.**

**Alfalfa or Lucerne (Medicago Sativa).—One of the best varieties, succeeding in almost every situation and bearing heavy crops of forage. Will bear cutting three or four times during the season. For bringing up poor land it is the best of the clovers, as it not only produces large masses of foliage, but forces its roots down fully three feet into the earth. Sow early in spring to secure a good stand before winter if to be used for pasture or for curing. 1 lb. post-paid, 30c.; 10 lbs., $2.00.**
Bellows.—Used for dusting plants with sulphur. Two sizes, each $1.00 and $1.45.

Dibbers.—For transplanting vegetable plants, steel points. Each 50c.; by mail 60c.

Fumigators.—For fumigating plants with tobacco smoke. No. 1, $1.50; No. 2, $2.50; No. 3, $3.50.

Ives’ Hand Fumigator.—A neat little fumigator for use of ladies and others who grow only a few pot plants. Postpaid, 85c.; 4 for $1.00.

Garden Lines.—Best braided, 200 ft., $1.35; 100 ft., 65c.

Glass Cutters.—Diamond Universal, $3.50.

Glass Cutter and Glazing Tool.—Each, 10c.; doz., $1.00.

Hand Cart.—Has 3/4-in. iron axle, 29 1/2 in. long; wheels 30 inches high and tire 1 x 3/4. Box 20 x 32 inches outside, and 10 inches high. Weight, 50 lbs. A very handy cart for light work. Price, $7.00.

Hoes, Scuffle.—Price, without handles, 5-inch, 35c.; 7-inch, 45c.; 8-inch, 55c.; 9-inch, 65c., each.

Dutch Garden.—Each, 40c.

Warren.—No. 1, 65c.; No. 2, 85c.

Hose Nozzle.—Standard, with stream and 2-inch spray, each, 80c. With 2 1/2-inch spray, $1.00.

Horse Radish Grater.—No. 1, capacity 50 lbs. of roots per hour. Weight 38 lbs. Price, $7.00.

Knives, Asparagus.—Imported, each, 90c. American, 35c.

Budding.—Blades are of best English steel. Handles German Silver or Horn. Two styles of blades, A and B. Each, 50c.; postpaid.

English Budding.—Ivory Handle, No. 1, each, $1.00.

English Budding.—Black Handle, Ivory Tip, No. 2, each, 75c.

Pruning.—Stag Handle, bent blade, No. 3, each, 90c.

Pruning.—Stag Handle, No. 4, each, $1.55.

Pruning.—Straight blade, each, $1.15.

Seed Potato.—Humphrey’s Concave Potato Knife.

Mole Traps, Hales.—The best trap in use, each, $2.00.

Perfection.—A good trap highly recommended by Eastern seedsmen, each, $2.00.

Potato Fork, Nine Tined.—Each, $2.25.

Rakes.—Steel Garden Rakes, 16 teeth, each 75c. Davis Lawn Rake, each, 65c.

Saws, Boynton’s Pruning Saws.—The best pruning saw made, has boles in handle for attaching pole. Each, 18-inch, 85c.; 15-inch, $1.00; 20-inch, $1.25.

Sprinklers, Scollay’s Rubber.—Very fine for floral work or pot plants. Also very useful for dampening clothes or any kind of sprinkling. Made of the very best rubber, 1st size, prepaid, $1.10; medium, 70c.; small, 60c.

Transplanter, The Avery.—An indispensible tool for gardeners. It is by far the best transplanter on the market, saves time and plants enough to pay for itself in a short time. Small, hand size, 90c.; large, two-hand size, $2.00.

Tree Pruners, Waters.—Length of pole, 4 feet, $1.20; 6 feet, $1.40; 8 feet, $1.60; 10 feet, $1.80. Extra Knives, each, 25c.

Turf Edger.—For trimming walks, round edge, 80c.; square edge, 60c., including handle.

Weeders, Bee.—Each, 15c., prepaid.

Noyes’.—An old standard tool, each, 25c.; prepaid, 30c.

— Hazeltine.—Made of best steel, good size and very durable, each, 29c.; prepaid, 25c.

— Excelsior.—A very useful tool for the garden, each, 15c.; prepaid, 20c.

— Lang’s Hand.—A very good tool, allowing the use of hand while using, each, 20c.; prepaid, 25c.


— Solid Steel.—(prepaid) 6 in., 50c.; 7 in., 60c.; 8 in., 70c.

Putty Bulb.—Rubber, excellent for glazing. A pressure with the hand ejects the putty along the sash bars; makes tight and neat joint, does not daub the glass nor stick to the hands. $1.00 each; by mail $1.10.

Thermometers, Siex’s Self-Registering. This is perfectly true, and registers both heat and cold; you can tell exactly how hot or how cold your house has been during the night; it is easily reset with a horse-shoe magnet which accompanies each. $3.00.

— Tin Case.—8 in., each, 25c.; not prepaid.

— Standard.—Wood Case, each, 45c.; not prepaid.

Imported German.—All Glass, for propagating beds and hot beds; each $1.00.
THE McGEE CULTIVATOR.

THE MOST PRACTICAL HAND CULTIVATOR IN THE MARKET.

In 1868 our attention was first called to this cultivator by Mr. Jas. McGee of Davenport, Iowa, one of the largest onion raisers in Scott Co. He had invented it for his own use, and had found it to be such a labor-saving machine, and it had reduced the expense of growing onions to such a small amount, that he concluded to have the cultivators manufactured for the public. Although it was late in the season, and our sales of cultivators had ceased, we sold some thirty of the McGee's to gardeners in the vicinity of Chicago, who were convinced at sight that it would save them money, which they would otherwise have to pay out for hands to weed. Some who bought it had previously bought the Gem of the Garden, the Matthews and the Richmond. We have been persuaded that the cultivator manufactured for the public with the following. Henry Brunz, Bowmanville, Ill., writes: "The McGee Cultivator will do the most thorough work killing weeds of any machine I ever tried. Working on both sides of the row, and being able to move the blades up or away from the plants at will, I can cut every weed in cultivating the first row. The blades cut the weeds half the distance from one row to another, so that when you return on the next row the other half is cut, making a complete job of it." John Jacobs writes: "I used the McGee Cultivator last season; and am convinced that there is nothing in the Cultivator line made that can compare with it for thoroughness in killing weeds, and it is easiest to work and lightest running tool we ever used."

Price Cultivator, with Weeding Knives and Cultivator Blades, $4.00; other parts are extra. Onion Puller, 75c; Flows, $1.25 pair; Scroll Knives, $1.00 pair; Rakes, $1.00 pair; Leaf Guards, 60c. pair.

THE NEW MODEL SEED DRILL.

The New Model is the result of careful experimenting in the field and factory. It is in close comparison with leading drills, and being constructed with the view of avoiding all radical defects of said drills, but in a workmanlike manner, of best materials and in neat style and finish, we venture to assert that it will be found to be the best seed drill in use, and indeed a MODEL in every respect. We invite attention to some of the leading features of the New Model.

Regulation of Discharge.—Drills of similar construction are usually provided with a series of holes of varying sizes through which the seed is passed, which, of course, do not always give an opening of the exact size required. The operator is usually told in substance, "if the hole don't suit, try another." As will be readily seen, by reference to the sectional cut, this adjustment is accomplished in a very simple and effective manner by the use of a slide with a pointed shaped opening passing under the bottom of the seed reservoir, which is provided with a perforation of similar shape, in a reversed position. This slide can be instantly adjusted to size indicated by Index, or to a hair-breadth variation between, a vital point in a perfect seed drill.

Index.—As shown by large cut, the Index or indicator is plain, consistent and reliable. It is placed in open sight, immediately under the eye of the operator, and as stated above, can be quickly adjusted to the slightest variation desired. As the names of the principal seeds are plainly shown on the Index itself, it is not necessary to refer to any table of reference.

Cut-off.—The flow of seed can be instantly stopped by a swinging cut-off, conveniently operated by a cord and ring on handle. This cut-off prevents all loss of seed on end of rows and its swing or gravity form will be found far preferable to one that slides under, as it cannot be jammed by the falling seed.

Sectional Cut showing the parts, index and manner of regulating the flow of seed by the Slide, in connection with Index. It also shows the application of the Swinging Cut-off. All who have used the new Model are enthusiastic in its praise.

Marker.—Is simple, easily adjusted and firmly held.

Broad Wheel.—The main wheel is of a large size and of unusual width, preventing its sinking into soft earth.

Covering Roller.—Is attached by swinging frame, enabling operator to roll lightly or otherwise, by varying the pressure on handles.

Opening Plow.—Is of steel, adjustable in depth.

Handle.—Firmly bolted, braced and adjustable in height.

Each drill carefully packed for shipment. Packed weight, about 40 lbs. Price, $6.00

NEW IRON FRAME CULTIVATOR HARROW.

This Harrow Cultivator we offer to the public, believing that it is sure to become a general favorite. It has all the advantages of our former Expanding Harrow, while its reversible diamond-pointed teeth, about one inch wide, play havoc with weeds and mellow the soil. It has a light, open frame, more durable and not so likely to clog as a wooden one, while each tooth, being secured to the frame by a steel clip, can, by the simple loosening and tightening of a nut, be reversed in depth, reversed, taken out, sharpened and replaced without the old-time fashion of drilling out, wedging up, getting loose and—swearing. It has the same style of expanders and clamps as the "Iron Age," but open wide. For very close rows, every other tooth can be removed. Price, $4.00
THE "PLANET JR." SINGLE-WHEEL HOE, Combined.

1 pair of curved point hoes, 1 pair of cultivator teeth, 1 wide cultivator tooth, 1 pair of rakes, 1 large garden plow, 2 narrow cultivator teeth, 1 detachable leaf guard.

All the blades are steel, hardened in oil, tempered and polished. This single-wheel hoe is considerably lighter than the double, and does almost the same variety of work; the attachments are nearly identical. Owing to its lightness, it is more pleasant to some than the double-wheel hoe. Though intended chiefly to work between the rows. it can be used to hoe both sides at once, while plants are small, by placing the wheel to one side of frame.

THE "FIRE-FLY" SINGLE-WHEEL HOE, CULTIVATOR AND PLOW COMBINED.

This neat and convenient machine is almost identical with the "Planet Jr." single-wheel hoe. The tools supplied with it are the same pattern, and consist of one pair of curved point hoes, a set of three cultivating teeth, and a large garden plow. The blades are all hardened in oil but one main slot, all changes are easily understood and quickly made. The wheel is quickly adjusted for depth, and we construct the frame so that the wheel can be used at one side, so as to hoe both sides of a row at once. This is a good tool for the boys, and a pleasant one, though a thorough, strong, all-day tool for a hard working laborer.

THE "PLANET JR." DOUBLE-WHEEL HOE, CULTIVATOR, RAKE AND PLOW COMBINED.

The "Planet Jr." Double-Wheel Hoe for 1893 is compact and rigid. The equipment consists of- 1 pair of curved point hoes, 1 pair of rakes, 1 pair of plows, 1 pair of narrow cultivator teeth, 1 pair of wide cultivator teeth, 1 pair of detachable leaf guards.

The depth is regulated accurately by raising or lowering the wheels; they are ten inches high, just right for a wheel hoe, as they are simply depth regulators, and not load carriers like wagon wheels. In cut the wheel is shown complete, with all its attachments. It will straddle plants until eighteen inches high, and finish rows from six inches apart up to eighteen inches at one passage. In still wider rows, or in very heavy work, the "Planet Jr." double-wheel hoe can be used with great satisfaction by first going down the center and then straddling the rows, cutting out the remainder. The improved hoes are not quite opposite each other, and thus avoid dragging out young plants by sticks and stones lying across the row, and when working between the rows they can be set much narrower.

"PLANET JR." PLAIN DOUBLE-WHEEL HOE.

To meet a demand from onion growers and others who want a hoe only, we offer the Double-Wheel Hoe just described, supplied simply with one pair of long curved point hoes. This tool has the same adjustment of hoes and wheel as above, and any or all of the other attachments may be added to this at any time, and will be found to fit.

THE "PLANET JR." No. 2 SEED DRILL. NO CULTIVATOR ATTACHMENTS.

For a number of years this has been a standard drill, and it is favorably known the world over. It holds two and one-half quarts of seed, is well constructed in every particular, and a number of improvements have been made for 1894, making the most perfect garden drill known. Price, $6.25.

WATERPROOF PLANT BED CLOTH.

This article is of great value to market gardeners and others who have hot beds. It can be tacked to the frames and used in the place of glass. It is preferable to glass when shading is desired, and for covering open frames when late frosts threaten it is invaluable. It may be used for every purpose of glass at all times on hot beds or cold frames. It comes in three grades, light, medium and heavy. Light, yd., 5c.; 100 yds., $4.25; medium, yd., 8c.; 100 yds., $8.25; heavy, yd., 10c.; 100 yds., $12.50.
The "Planet Jr." Combined Drill, Wheel Hoe, Cultivator, Rake and Plow.

This is the most popular combined garden tool known, and deservedly, for we combine in its construction strength, simplicity and efficiency; and for 1894 we make important improvements. Holds one seed and as a drill is exactly the same as the No. 2 drill, except in size. Unequaled as a seed planter, it is also provided with a most varied and satisfactory set of cultivating attachments. The 1892 "Planet Jr." combined drill was made from entirely new patterns; the increased satisfaction with which they were received was gratifying, and now we offer them with entire confidence and with some additional improvements. Price, $8.00.

THE "PLANET JR." HILL DROPPING GARDEN DRILL.

Note the low prices on all our tools.

This is an entirely new machine, the latest and best of the "Planet Jr." family. It holds two quarts, and sows all kinds of garden seed with the greatest regularity. The plow and any depth from one-eighth to two inches. It saves in drills as well as the No. 2 drill (described below), and will also drop in neat line hills of four, six, eight or twelve inches apart. It can be changed from a hill to a drill dropping machine or the reverse, or can be thrown in or out of gear in a moment, and will not sow when run backwards. It is nicely adapted to working all conditions of land, especially well in fresh ground or when planting on a ridge. It has a force-feed, so that the sowing is regular, no matter whether the drill is full or nearly empty. The discharge of the seed can be stopped instantly at the end of the row, so that none need be wasted. The opening plow and coverer are specially adapted for the work they have to do, while the marker can be set any distance desired up to twenty inches. The ability to drop in hills is a great advantage, as it saves considerable seed, insures vigorous plants at even distances, and saves an immense amount of hand-labor in thinning out. The machine is thoroughly well made and the best tool on the market. Price, $8.75.

The "Planet Jr." Combined Hill Dropping and Fertilizer Drill.

This tool is also new for 1894, and as a drill is exactly the same as the machine just described. The fertilizer hopper holds one peck. The fertilizer can be sown in any quantity necessary, either above or below the seed as desired, by setting that plow deeper or shallower than the other. The drills may be satisfactorily used also to sow either seed or fertilizer alone. The amount sown is regulated accurately by the dials, and the discharge of both may be stopped and started instantly, either separately or together, thus avoiding all loss at the ends of the rows. Like the plain Hill Dropping drill, it does not sow when drawn backward, and can be quickly thrown entirely out of gear. This machine will be a great boon to all farmers and market gardeners. It is thoroughly well made and guaranteed to do satisfactory work. Price, $13.00.

IRON KING SEED DRILL.

A special feature of this drill is the shoe which makes the V-shaped groove to receive the seed, thus obviating scattering, and insuring a uniform depth to all the seed, consequently it comes up at the same time and in an exact line. The seed plate is made with holes varying from one-sixteenth to five-eighths of an inch, leaving it to the operator to choose opening in proportion to size and amount of seed to be sown.

Points of Superiority.—It cannot tip over. The markers are governed without stopping, it sows all kinds of seed in an exact line and at a uniform depth; it sows commercial fertilizer by simply changing hoppers; it is an invaluable shoe for sowing seed any required depth.

Single Drill, $7.00.
Fertilizer attached, $9.00.

MATTHEWS' GARDEN SEED DRILL.

We know of no hand garden drill for sowing vegetable seeds, etc., which has met with more popularity than the Matthews Garden Seed Drill among market gardeners everywhere. It is designed for use in field and garden. When in operation it opens the furrow, drops the seed accurately at the desired depth, covers it and lightly rolls the earth down over it, and at the same time marks the next row. It will sow beet, carrot, onion, turnip, parsnip, sage, spinach, sorghum, peas, beans, fodder corn, broom corn, etc., with a certainty, regularity and rapidity impossible for the most skillful hand. A valuable feature in this drill is its patent indicator, with names of different seeds on it for adjusting the drill to sow different kinds of seed, which is done by simply turning the indicator until the name of the seed you want to sow comes to the top. The drill is made of the best material throughout, and is complete in all its arrangements. Beware of cheap imitations of this drill. None genuine but those having the patent indicator. All drills are now furnished with the new seed cut-off, so no seed is wasted in turning at ends of rows, and with improved markers.

Price, $7.00.
Matthews' Hand Cultivator.
One of the best as well as one of the cheapest hand cultivators. We deliver it boxed to railroad depot or express office in Chicago for $3.50.

The Weed Slayer.
Cheap, useful, durable, and a great time saver.
Price, $1.50.

The Queen of the Garden, Hand Cultivator.
The wheel is 24 inches in diameter; shovel is 5-1/2 inch thick, 18 inches long, made from best crucible cast steel, polished. It is a combination of two shovels in one. One end is a bull tongue, 23/4 inches wide. The end, as shown above ready for operation, is 4-1/2 inches wide. It can be reversed by loosening one bolt. It is fastened to the standard with a malleable iron shovel and back sleeve. The slot in the sleeve is 8-1/2 inches long; this is to adjust the shovel so the handle will be the right height for a tall or short person. Each cultivator is neatly painted and ornamented, and is built with the greatest care to combine lightness with a proper degree of strength. The construction is the best that can be produced with skilled workmen and improved machinery.

"The Garden King" Cultivator.
Try one and you will find that it will pay you. Can be used as a cultivator, hand plow, hand hoe, seed coverer, marker or hiller. Every tool sold on its merits.
The wheel being high (23 inches), brings the power applied against instead of down on the axle. This advantage alone makes the "Garden King Cultivator" run one-half easier than other tools. With the exception of the handles the "Garden King" is made entirely of wrought iron and steel, making it indestructible.
WILSON'S BONE MILL.

All poultry owners should have one of these mills. One hundred pounds of bone will more than pay for the mill in the increased production of eggs. Weight of mill, 55 pounds. Made to bolt fast to a plank or bench. It also grinds shells, grain and many other substances.

Price, $4.50.

WILSON'S GRIST MILL.

This mill is highly appreciated by pioneers of the west and south, and by all farmers who live at a distance from a customary grist mill. The grinding surfaces are very hard, made especially for the purpose designed, and will last for years.

Price, $4.50.

FAMOUS CORN SHELLER.

This corn sheller is cheap, simple and effective. It is fully warranted against breakage when properly used. It has no small springs or parts to break loose or get out of order, and by a little practice you can easily shell one bushel of ears in about four minutes or less. It takes but little room to store or use, and will do the work of many larger machines.

Price, $4.50.

Thompson's Broadcast
Seedee, No. 1. For Grass
and Clover.

Fifteen thousand of these machines are now in use, guaranteed to do its work well. It is warranted to do no more on rough ground than smooth.

Price, $7.00.

THE EMPIRE 14-TOOTH ALL-STEEL LEVER HARRIOW.

JUST THE TOOL FOR SMALL PLANTS. ADJUSTABLE IN DEPTH.

Our 14-tooth steel harrow is a tool that is taking well among the farmers and gardeners over the whole country. This tool is used for working very closely to small plants of tobacco, cotton, potatoes, etc., it thoroughly pulverizes, but throws no dirt on plants. It is also used as a straight diamond tooth harrow; also as a smoother with sharp points down in order to cut and level the surface, the tooth, with sheared end down, being less liable to injure young plants when smoothing over corn, potatoes, etc. For very close work every other tooth can be quickly removed.

Price, $4.50.

EMPIRE ALL-STEEL CULTIVATOR
AND HORSE HOE WITH LEVER AND WHEEL.

This machine is one of the best made. In workmanship it is unexcelled, and can be used to cultivate all kinds of crops. All its parts are durable and easily adjusted, and we recommend it highly.

Price complete, $7.00.

"PLANET JR." ALL-STEEL HORSE HOE AND CULTIVATOR
WITH LEVER AND WHEEL.

Perhaps no single cultivating tool now made is so widely and favorably known as the "Planet Jr." Combined Horse Hoe and Cultivator. The improvements have been very gradual, but at the present time its adaptability to almost every locality and crop is thoroughly proven by its extensive use.

Price complete, $7.00.
BREED'S UNIVERSAL WEEDER.

The weeder consists of a head of ash or oak, into which is fastened a double row of steel fingers 5-16 of an inch in diameter. These fingers, from the head, pass at different angles through a check-bar containing a double row of 3/8 inch holes, to the ground, being 30 inches in length, and so set as to be 4 inches apart each way at the bottom. The check-bar is kept in place by a chain attaching it to the head, and can be raised or lowered, as may be necessary to increase or diminish the flexibility of the fingers. Upon the head are fastened by means of bolts and braces, the shafts and whiffletree, handles and cross-handles, thus completing a machine ready for immediate use. It is almost needless to say that there is a time when the weeds seeds germinate and send forth their tiny feeders and rootlets, and also when they first appear above the surface, that it does not take but a little disturbance to root up and destroy them. This is the time to use the weeder. It will not matter what kind of a crop you have to weed nor whether it is well up above the ground, the teeth are so flexible as to take out all the small weeds without doing the least harm to the growing crop. Continue to use the weeder when necessary until the crop is too large to work. It will cultivate fifteen acres in ten hours, and no man ever saw corn or potatoes grow as fast as they will after an application of this weeder. It takes out the little weeds, breaks up the crust, loosens the soil to the depth of 1/2 or 1/4 of an inch, stops evaporation, and leaves the crop in the most favorable condition for rapid growth. From some sections, during the last season, there has been a call for a weeder with removable teeth—for the cultivation of tobacco, cabbage, cauliflowers and other broad leaf plants—a weeder that, by taking out certain of the teeth, would cover well the ground, except that occupied by the plant. The advantage of such a machine is obvious. To supply this demand, we are able to furnish our patrons with a weeder which meets the requirements. Each tooth is fastened into an independent malleable socket, which in turn is secured to the head of the weeder by bolts and screws. One or more teeth can be removed without in any way affecting those that remain. For cultivation of ordinary field crops, this machine has no advantage over the permanent tooth. Standard length, 7 ft. 4 in., $10.00; with removable tooth, $12.00.

STEEL BEAM POTATO DICER.

Solid steel beam and steel shoe. The gauge wheel regulates the suck of the shoe and receives the weight of the plow. Has been in use several years in different states, and given general satisfaction. It has been tried and tested successfully, and is pronounced by extensive potato growers superior to any heretofore offered on the market.

It is well made, simple and durable, and with ordinary care will last a life-time. It will dig potatoes as fast as a team can walk, and do its work well. Price, $7.00.

THE BEST AND CHEAPEST POTATO DICER MADE.

BRADLEY IRON FRAME STEEL TOOTH CULTIVATOR.

The best cultivator now on the market. It is equal in every respect to the wood frame cultivator, and has the advantage of being lighter and stronger. It can be adjusted to do such a variety of work that we feel it must come into general use wherever introduced. It can be furnished with either oval or diamond point teeth, as desired (price the same), and where it is desired to be used as a horse hoe, as in Fig. 2, the attachment may be had at a slight additional cost. At the extreme low prices these tools are offered at, they are within the reach of all. Price of plain cultivator, Fig. 1, with five teeth, either oval or diamond point, as desired, $4.00: horse hoe attachment, containing two hilling blades and standards, and rear plow blades, $2.00; front wheel, $1.00. I will furnish cultivator complete, with horse hoe attachment and wheel, for $7.00.

The Little Giant Hand Broadcast Seed Sower.

For sowing timothy, clover, Hungarian millet, wheat, oats, flax, buckwheat, rye, barley, and all of the field seeds. Will sow, as fast as a man can walk, a strip fifteen to twenty feet wide as perfectly as any machine made. We are able to offer them this season to our customers at the extreme low price of $1.50. Every farmer should have one of these seed sowers.

Price only $1.50.
PHOTOGRAPHIC VIEW OF CHICAGO HAYMARKET, TAKEN AT EAST END OF MARKET LOOKING WEST, SHOWING THE HAYMARKET MONUMENT ERECTED WHERE THE POLICEMEN WERE KILLED AT THE TIME OF THE ANARCHIST RIOT, ALSO SHOWING EAST SIDE OF LEONARD'S SEED STORE.