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1894
SEEDS
FOR THE
GARDEN, FARM
& FIELD

ESTABLISHED 1845

DESCRIPTIVE CATALOGUE

Plant Seed Company

812 & 814 N. FOURTH ST.
ST. LOUIS.
Plant Seed Company Publish the following Catalogues during the Year, which will be mailed free upon application.

Plant Seed Company’s Illustrated and Descriptive Catalogue and Price List of Field, Grass, Vegetable, Flower and Tree Seeds, Seed Corn, Seed Grain, Seed Potatoes, Onion Sets, Garden Seed Drills, Cultivators etc., is published about January 1st, every year, and will be mailed free to all applicants.

Plant Seed Company’s Descriptive Catalogue, in German, ready January 1st, and mailed free to all applicants.

Plant Seed Company’s Wholesale Market Gardeners’ Price List, containing special prices of Vegetable Seeds to Market Gardeners and large buyers of Seeds, ready January 1st, and mailed to Market Gardeners and Truckers upon application.

Plant Seed Company’s Seed Wheat Circular, ready in August, and mailed free upon application.

Plant Seed Company’s Price List of Dutch Bulbs, ready in September, and mailed free to all applicants.

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To Our Friends and Customers:

ST. LOUIS, JANUARY 2, 1894.

In accordance with the regular custom at this season of the year, we issue our Annual Catalogue; trusting that it will meet with the usual welcome which for so many years past it has received.

It has been, and will continue to be, our constant aim to supply our customers with pure Seed, and such as will produce a perfect type of the vegetable or flower desired.

That our efforts in the accomplishment of this end have been successful we feel assured by the many unasked testimonials which we have received, and by that which is the surest sign, a steady increasing trade. We therefore feel much encouraged to increase our efforts to give our patrons perfect satisfaction in every respect.

**PRICES:**—Our seed crops with some exceptions having turned out satisfactorily as to quality and also as to quantity, during the past season, enables us to offer strains of unusual excellence at prices which we think will compare favorably with those of any other reliable house. No matter how fierce competition may be we shall maintain our reputation for offering seeds of superior quality only, and to meet this competition shall not reduce our prices below rates at which choice stocks can be produced and sold. Quality should be the first consideration, not price.

**WARRANTY:**—We select our stocks with great care, and pay liberal prices for growing our Seeds, thus we secure The Best. Our importations are from the best known and most reliable growers in Europe. We feel justified in saying that all our seeds are the *purest and best to be found*; but at the same time it must be distinctly understood that we sell no Seeds with warranty, express or implied, in any respect, and will not be in any way responsible for the crop. *If our Seeds are not accepted on these terms they must be returned at once.*

When it is considered how many are the contingencies pending upon the success of any crop, the justice of the foregoing remarks will be appreciated.

**SUGGESTIONS TO PURCHASERS.—READ CAREFULLY.**

**HOW TO ORDER.**—With every Catalogue we always send an Order Sheet and printed envelope. This order blank will be found to be much more convenient than an ordinary sheet of paper, and by using the addressed envelope there will be no danger of your remittances being miscarried.

**NAME AND ADDRESS.**—We earnestly request our correspondents to be particular and give their Name, Post-Office Address, County and State in full, distinctly written. We are often in receipt of orders from customers who not only forget to sign their names, but also their place of residence, thus causing a delay of weeks in the execution of their orders, and sometimes we find it impossible to trace them up at all.

**SHIPPING DIRECTIONS.**—We particularly request our patrons to give shipping directions. Where no particular mode of transportation is designated, we shall exercise our best judgment, and forward by express, freight or mail, as may seem to us most advisable.

**REMITTANCE.**—Parties ordering will please send the money at the time they send us their order; and if the money is sent with the order and received by us, we guarantee the safe arrival of all packages, but we cannot assume any responsibility for delay in transit. Money may be sent at our risk in the following manner: Post Office Order, Draft on St. Louis or New York, or by Express; remittances for small amounts may be made in Postage Stamps. In remitting, purchasers will be particular to send a sufficient amount to cover their orders. When only a part is remitted, goods will be sent only to the amount of remittance.

**GOODS C. O. D.—**No goods will be sent by us C. O. D., unless one-half the amount accompanies the order.

We respectfully solicit your orders, and thanking our many correspondents for past favors, both for orders received and for speaking so kindly of us to their friends, we await further favors, which shall receive our best care and prompt attention.

We remain, respectfully yours,

812 N. FOURTH STREET.

Plant Seed Company,

ST. LOUIS, MO.
SOME PEAS OF SPECIAL VALUE.

If to be sent by mail, add 15 cents per quart to prepay postage.

PLANT'S EXTRA EARLY.

This is the Earliest Pea in the World, the most profitable for the Market Gardener, being the earliest and most productive; we know of no better Pea for first early than our Plant's Extra Early. It is of vigorous growth, vines about 24 inches high and wonderfully productive, the pods being numerous and well filled, and its uniformly ripening makes it the most profitable for every purpose. See page 12.

Quart, 25c.; Peck, $1.50; Bushel, 5.00.

P. S. CO.'S SECOND EARLY.

This variety ripens about two weeks later than our Plant's Extra Early, just in time when Peas are scarce and command a good price. It is a wrinkled variety; the vines are uniformly two feet high, and very even and regular in growth. It is a prolific bearer, and yields more per acre than any other American variety. The pods, although of medium size, are numerous, and are literally packed with peas of a delicious flavor.

Quart, 25c.; Peck, $1.50; Bushel, 5.00.

HEROINE.

Fairly Melting in Your Mouth for Sweetness.

The Heroine is a medium early, green wrinkled Pea, grows uniformly about two and one-half feet high, and is literally covered with well filled long, heavy, pointed pods; so striking and distinct is this variety that it would be picked out at once in a field of one hundred other varieties. The quality of this pea is simply perfection—that rich, buttery, marrow-like flavor for which the peas grown in the gardens of Old England are celebrated. Per Packet, 10c.; Pint, 30c.; Quart, 50c.; Peck, $3.00.

MELTING SUGAR PEA—Edible Pods.

Well deserves its name, for this new Pea is unquestionably the best in size of pod, prolific bearing and delicious quality of all the edible pods. It grows to the height of five feet, bears a profusion of large, broad pods, which are generally found in pairs, and which are so brittle that they snap without any string. The pods when cooked are very sweet and tender. Per Packet, 15c.; Pint, 40c.; Quart, 75c.

SWEET CORN—Country Gentleman. (Improved Shoe Peg.)

This very distinct variety is one of the sweetest and choicest sorts grown, always commanding higher prices than any other variety, and is certainly desirable for family use. The ears are not only of good size, but are produced in great abundance, frequently bearing four good ears, while the average is three ears to a stalk. 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. A medium early variety.

Per Packet, 10c.; Quart, 25c.; Peck, $1.25; Bushel, 4.50.
Burpee's Large Bush Lima Bean.

The following is the introducer's description of this valuable Bush Lima.

"The bushes grow eighteen to twenty-two inches high, of stout growth and always erect, yet branching so vigorously that each plant develops into a magnificent circular bush, from two feet to three feet in diameter. The leaves are of very large size and great substance. The bush character is thoroughly established, not one plant in a thousand showing any disposition to 'run.' The thickness of the main stalk and branches of the plant, as also the unusual size, healthy green color and thick leathery substance of the leaves, indicate the strong constitution of this variety, by which it is enabled to bear large crops, and is also a sure cropper. It is an immensely yielder, each bush bearing from 50 to 200 of the handsome large pods, well filled with very large beans, which are identical in size and luscious flavor to the well-known large pole Lima. By the introduction of this variety the largest and best Lima Beans can now be raised in quantity at small cost, without the expense and labor attached to the use of poles.

Per packet, 10c.; ½ pint, 25c.; pint, 50c.; quart, 90c., postpaid.

Two Self-Blanching Celeries
Which every Market and Family Gardener should Grow.

The Golden Self-Blanching Celery, first introduced to the American public in 1885, since which time it has been pronounced by thousands who have grown it the very best and most profitable Celery in cultivation. It is of handsome form and even growth, reaching a very large size, but very stocky and robust. The stalks grow vigorously, with large ribs, very thickly and closely set. It is very early, self-blanching, and needs but little banking; even the outer ribs assuming a yellowish-white color of a very fresh and pleasing appearance. The heart is of a beautiful golden yellow color, very large, crisp and solid, and unsurpassed in delicious quality and flavor. It is unequalled in striking appearance on the table or market stall, and decidedly the best keeper of all the Self-Blanching varieties. True seed.

Per pkt., 5c.; oz., 30c.; ¼ lb., $1.00; 1 lb., $3.50, postpaid.

The White Plume Celery—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 processes 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 Golden Heart, but it is unsurpassed for fall and early winter use and is the earliest Celery known.

Per pkt., 5c.; oz., 30c.; ¼ lb., $1.00; 1 lb., $3.50, postpaid.

Mansfield Tree Tomato.

Mansfield Tree Tomato—(Description as given by originator). This variety has been originated by careful selections and special methods until it has attained the height of ten feet for the tree and a weight for a single Tomato of 80 ounces and 6 inches in diameter, with testimonials of over 69 pounds of ripe fruit to a single tree of a quality that surpasses all others. Fruit ripens from July 4th until frost; they are as solid all the way through as a hard boiled egg, and but few seed in a Tomato. The fruit is very similar to Henderson's Ponderosa. Packet, 10c.; ounce, 50c.
New Japanese Climbing Cucumber.

While all Cucumbers are running vines, yet this variety is much more creeping or climbing in its habit, so much so that it quickly climbs on poles or trellises in the same manner as the Pole Lima Bean. It is entirely distinct, being much more rugged in its constitution and less susceptible to disease than the ordinary Cucumbers, and is immensely more prolific, each vine producing from 25 to 30 splendid Cucumbers, even on poor soil. The quality is splendid, and is pronounced by connoisseurs to be superior to the ordinary varieties of Cucumbers. It is well adapted for pickling as well as slicing for salads. Like many of our most valuable horticultural products it comes to us from Japan. Per pkt., 10c.; oz., 35c., postpaid.

New Cos Lettuce Trianon.

This is the favorite class of Lettuces in Europe, and this variety is the very finest of its class; already they are becoming more popular here. The long, narrow leaves, which form solid heads, almost like a Wakefield Cabbage, bleach and quickly become snowy white. They excel all other Lettuce in quality, having a taste and crispness unequalled. The leaves when bleached are stiff like Celery stalks and can be eaten in the same manner.

Per pkt., 5c.; oz., 25c.; ½ lb., 75c., postpaid.

Louisville Drumhead Cabbage.

Finest strain of Drumhead in existence; bright green foliage and short stem; heads large, round and thick; valuable for winter, also suitable for a fall crop if sown early.

Per pkt., 5c.; oz., 25c.; ½ lb., 75c.; lb., $2.50 postpaid.

Improved Oval Purple Thornless or Spineless Egg Plant.

The New York Improved Egg Plant has been the standard variety for years, but this selection is vastly superior in every respect. The habit of the plant is low and branching, and is quite free from spines both on the plant and calyx of the Egg. The Eggs are of largest size, and perfect form and from eight to ten are produced on a plant. Another most valuable feature of this Egg Plant is its extreme earliness, maturing its fruit four to six weeks ahead of the old variety. The splendid quality and great productiveness of this selection will greatly increase the popularity of this delicious vegetable.

Per pkt., 10c.; oz., 50c., postpaid.

Mammoth Rock Red Cabbage.

This is the best and surest-heading red cabbage ever introduced. The head is large, round, very solid, deep red.

Per pkt., 5c.; oz., 35c.; ½ lb., $1.00; lb., $3.50, postpaid.

Improved Long Dixie Water Melon.

This new and already popular melon is from the land of Dixie where water melons attain to the highest state of perfection. It originated with an extensive melon grower and shipper by crossing the old reliable Mountain Sweet with the new reliable Kolb Gem. It is now well established and retains the rich and juicy quality of the Mountain Sweet and at the same time equals the Kolb Gem as a shipper, is earlier, more productive and longer in shape. It is of a very fine appearance, dark green and beautifully striped, extremely hardy and its eating quality is unequalled.

Per packet, 5c.; ounce, 10c.; ½ pound, 30c.; pound, 60c., postpaid.
CHOICE SEED FIELD CORN.

The Seed Corn we offer is grown for this purpose, carefully selected and shelled. We make it an invariable rule to test our Seeds Corn carefully before sending out, and our customers may depend on getting Seed Corn that will grow perfectly under favorable circumstances.

Terms: Cash with Order.

FREIGHT CHARGES PAID BY THE PURCHASER. PRICES INCLUDE SACKS.

MURDOCK’S OLD FAVORITE OR NINETY DAY.
Per peck, 35c.; per bush., $1.25; 2 bush., $2.25.

This is a medium sized, extra early and exceedingly handsome Yellow Dent variety, with deep, rich oily grain, and small red cob. Will mature in from eighty-five to one hundred days; average yield is from seventy-five to eighty bushels per acre.

PRIDE OF THE NORTH—Yellow.
Per peck, 35c.; bush., $1.25; 2 bush., $2.25.

An extra early Dent variety, ripening with the Flint sorts, and can be successfully grown farther north than any other variety of Dent corn. Stalks small, with broad leaves. Ear short, twelve to sixteen rows, well filled. Grains long, yellow, making an extra quality of meal. Matures in ninety days.

EARLY ECLIPSE—Yellow.
Per peck, 35c.; bush., $1.25; 2 bush., $2.25.

In this variety we have a corn with all the good qualities of the Leaming but devoid of its flinty characteritics. It has been bred up from a cross between the Leaming, Riley’s Favorite, and Illinois Premium Dent. It is a very vigorous grower and immensely productive, having a proven record of 125 bushels and 65 pounds upon one measured acre. Ear averages in length about 9 inches, rows from 16 to 26 in number. Grain very long and deeply dent; color deep orangy yellow. Cob very small and red; quality very sweet and nutritions. Stalks very leafy and make excellent fodder. In short a general purpose corn, giving the best of satisfaction to all who have tried it.

THE LEAMING YELLOW.
Per peck, 35c.; bush., $1.25; 2 bush., $2.25.

A Yellow Dent variety; very small red cob, with a deep, long grain, of a rich golden color, matures a crop in ninety days, and will, if planted by the last of June, under ordinary culture, grow, ripen and be fit to husk and erih by September 1st. Very productive, yielding from 90 to 100 bushels to the acre.

PIASA QUEEN—Yellow.
Per peck, 35c.; bush., $1.25; 2 bush., $2.25.

A very large moderately late variety of pure yellow Dent Corn. This has a proven record of 105 bushels and 87 pounds upon one measured acre under ordinary field culture. May be described as follows: Ear very large, from 10 to 16 inches in length; having from 14 to 28 rows. Color deep yellow; grain broad and long and deeply dented, of very best quality; stalk stout and vigorous, very leafy. In short a variety that cannot fail to give satisfaction. Does well upon all soils, but is sure at its best upon Black Prairie or Strong Bottom Land.

CHAMPION EARLY WHITE PEARL.
Per peck, 35c.; bush., $1.25; 2 bush., $2.25.

An extra early, pure white variety of the Dent family; very productive and exceedingly heavy, maturing in 55 to 90 days from the time of planting. It is very even in hybridization and maturity, giving a good grade of corn and the highest price to be realized for it; very prolific, and has yielded 132 bushels of shelled corn per acre. The grain is extra deep and wide, two of which will more than span the cob, which is very small, indeed, for the size of the corn. The stalk is short and thick, and often bears two good ears. It roots deeply and stands the storms well.

WHITE GIANT NORMANDY.
Per peck, 35c.; bush., $1.25; 2 bush., $2.25.

An excellent late White Dent variety, grains very large and long, pearl white; cobs very small; stands drouth well; producing as high as 150 bushels per acre. Wherever exhibited at fairs or exhibitions, it takes the premium for being the largest and finest White Dent Corn.

ST. CHARLES—White.
Per bush., $1.00; 2 bush., $1.75.

An old, well-known variety. Red cob. Extensively used for ensilage.

SWEET CORN FOR FODDER.
Per peck, 40c.; bush., $1.50; 2 bush., $2.50.

There is nothing better for green feed, or for carming for winter, than Sweet Corn. Cattle highly relish it, and when fed on it keep in fine condition and give an abundance of milk. It has the great merits of being of a variety which can be quickly grown; and the ears are so sweet and palatable, that cattle eat every part of the stalks and leaves. Also excellent for soiling. Sow in drills or broadcast.

POP CORN.

If wanted to be sent by mail, add 10 cents per lb. to prepaid postage.

MONARCH WHITE RICE POP CORN.
Per lb., 15c.; 10 lbs., $1.00.

A superior quality of Pop Corn, very easily popped and very sweet, tender and white after being popped. It is very productive.

SNOW BALL POP CORN.
Per lb., 15c.; 10 lbs., $1.00.

This fine large eared variety is a cross between White Rice and Pearl Pop Corn, and is a very meritorious variety.

QUEEN’S GOLDEN POP CORN.
Per lb., 15c.; 10 lbs., $1.00.

This variety, the ears of which are from six to eight inches in length, is the largest and most productive of this class of corn. Kernels large, rich yellow color.
CHOICE SEED POTATOES.

Terms: Cash with Order. Prices given include Packing.
Express or Freight charges always to be paid by the purchaser.

The potato crop last season in most localities was fair. We have a choice stock of Seed Potatoes on hand, and have put prices very low for the quality we offer, and we will fill orders at prices given as long as our present stock will last. All orders subject to approval.

Potatoes will be shipped in favorable weather only. We ship them in good condition, carefully packed; but we will not be responsible for damage the may sustain during transit, from either cold or heat.

ON LATE ORDERS it will save time to state, in case supply of some kinds is exhausted, whether you wish us to return money or substitute other sorts of same value.

A New Potato—The Wonderful Freeman.

Per peck, 75c.; ½ bushel, $1.25; bushel, 2.25; barrel, 5.00.

The originator, Mr. Freeman, gives the following history and description of this variety:

"The Freeman Potato came from true seed of what is here called the 'Silver Tip' Potato, the seedling being grown in 1883. The tuber is oval-shaped, round in shape, russet in color; flesh very white, both raw and when cooked, very fine grain and of very best flavor. The greatest merits of the variety are its extreme earliness, and long-keeping qualities. From the time they are at large as hen's eggs until new potatoes come in the next year, they burst open when boiled with their jackets on, and appear snow-white and floury. Last year (1889) I planted some of my Freemans on June 4th, and on July 13th—thirty-nine days from planting—I dug the first mess of the potatoes for dinner. They grew very quickly, and ripen here several weeks in advance of Early Rose. My first general planting this year was ready to be put into the cellar August 1st, being then thoroughly ripe, and vines dead. They are also a first-class yielder: I have frequently dug six to nine pounds from a single hill, and in rich ground there are few small ones."

Since this wonderful Potato has been introduced in 1891, it has not only equalled, but surpassed all claims made for it, and it is unanimously pronounced by all who planted it a perfect wonder. The Freeman Potato is unquestionably the strongest grower, one of the earliest, enormously productive and of the best eating qualities. The stock we offer is true and genuine and an excellent sample.

Early Ohio.

Per peck, 50c.; bushel, $1.60; bbl., 4.00.

Now widely known and deservedly one of the most popular sorts. The quality of the Early Ohio is excellent, and the yield enormous. True stock.

Ohio Junior.

Per peck, 50c.; bushel, $1.60; bbl., 4.00.

Ohio in the form of thetumors, habit of the growth, etc. It is an excellent Keeper, very productive, and of fine quality. Our stock is

This variety is almost identical with the Early Ohio in color, shape, size, and general appearance. Our stock is very choice.
Crown Jewel.
Per peck, 50c.; bushel, $1.60; barrel, 4.00.
A self-seedling 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 in the soil, resisting drought, and its keeping qualities are equal to the best. The potato is an immense yielder, and is two to three days earlier than the Early Ohio and a week earlier than the Early Rose.

CHAS. DOWNING.
Per peck, 50c.; bushel, $1.60; barrel, 4.00.
Extra early, excellent quality, pure white in color, with a beautifully netted skin. The shape is accurately shown in our illustration, reduced in size.

PEARL OF SAVOY.
Per peck, 50c.; bushel, $1.60; barrel, 4.00.

Very early and fine flavored. The tubers are oblong, fair and of large size; flesh beautiful pearl white, hardy; vigorous habit exempts it from disease. It is very productive, yielding from 300 to 400 bushels per acre under favorable conditions.

EXTRA EARLY VERMONT.
Per peck, 50c.; bushel, $1.60; barrel, 4.00.
Similar in color, form and general appearance to the Early Rose. It is, however, much more hardy, a better keeper, more productive, of better quality, and a week earlier.

NEW YORK EARLY ROSE.
Per peck, 40c.; bushel, $1.25; barrel, 3.00.
Standard variety for earliness, quality and productiveness.

EARLY BEAUTY OF HEBRON.
Per peck, 40c.; bushel, $1.25; barrel, 3.00.
An early, rapid growing variety, earlier than the Early Rose, and excelling from 25 to 40 per cent. in yield. Too well-known to need description.

BURBANK’S SEEDLING.
Per peck, 40c.; bushel, $1.25; barrel, 3.00.
This old standard is still quoted high in the market. Well-known.

MAMMOTH PEARL.
Per peck, 40c.; bushel, $1.25; barrel, 3.00.
Handsome in appearance, free from rot and never hollow; skin and flesh very white; oblong to round in shape; tubers large.

WHITE STAR.
Per peck, 40c.; bushel, $1.25; barrel, 3.00.
Tubers are oblong, large and handsome; in yield it has proved remarkably prolific; flesh pure white, very mealy, medium in season. It is a good variety for a general crop.

PEERLESS.
Per peck, 40c.; bushel, $1.25; barrel, 3.00.
A well-known productive variety.

SEED SWEET POTATOES.
These should Never be Shipped Except in Boxes or Barrels.
Grown, stored and handled especially for seed purposes. We have a full supply of the following named varieties in planting season.

Early Red Bermuda.
Yellow Nansemond.
Red Nansemond.
Southern Queen, White.

SWEET POTATOES AND SWEET POTATO PLANTS.
On account of the early publication of our Catalogue, we cannot make prices. Prices of Seed Sweet Potatoes will be given on application about March 10, and of Sweet Potato Plants about April 15th.

HUMPHREY'S CONCAVE POTATO KNIFE.
Price, postpaid, 30c. each; six for $1.50; twelve for $3.25.

FOX'S POTATO BUG EXTERMINATOR.
The Best Machine for Applying Liquid Poison.
PRICE, $5.00.
Hammond’s Slug Shot.
INSECT DESTROYER.
Express or Freight Charges always to be paid by the purchaser.

HAMMOND’S SLUG SHOT destroys all insect injuries to House and Garden Plants, Shrubs, Trees, Tomatoes, Melons, Cabbages, Currents and Vegetables and Fruits of all kinds.

This preparation, though poisonous to insects, does not injure the foliage in the least, and acts in some measure as a fertilizer to the plants.

DIRECTIONS FOR USE—Dust the powder lightly over the infected plants, so as to cover every part of them. One application is generally sufficient, but if a new brood appears, repeat the operation at once.

For further information, send for our little book on Slug Shot.

Price per 5 lbs., 30c.; 10 lbs., 50c.; 50 lbs., $3.25; 100 lbs., $4.25; bbl., 235 lbs., loose in bulk, $8.50.

Implements for the Economical and Effective use of Slug Shot.

THE DUSTER is for applying Slug Shot. These dusters are two sizes, holding half gallon and one gallon, and are bottomed with very finely perforated material. Price, 30c. and 45c. each.

THE COMPLETE GARDEN BELLOW—This implement is intended for use among the roses, shrubs and small trees. The tubes are sectional. You can get under the leaves, over the leaves, or sideways. Price, $1.25.

HAMMOND’S ARSENIA TED THRIP JUICE.
A liquid insecticide. Kills all the various scale insects, Mealy Bugs, Caterpillars, Codling Moths, Aphis, Red Spiders, Canker Worms, etc., etc. For use dilute 400 to 450 times its bulk with water, making probably the cheapest, handiest liquid insecticide used. Price per quart, 8c. per gallon, $1.00. This liquid cannot be sent by mail.

How to make a Hot Bed and a Cold Frame.
The time must vary according to the latitude. Provide a quantity of fresh horse manure from the stables, mix them thoroughly, tramping down the mass in successive layers, and form into a large pile, so that fermentation will proceed even in severe cold weather. In two or three days fermentation will be apparent by the escape of steam from the heap. Now turn again, and allow the heap to remain two or three days longer, or until the second fermentation commences. Make an excavation two feet deep, and of a size suited to the number of plants required. It should be made in some dry, sheltered spot, facing the south or east if possible. Hotbed sashes are usually 6x3 feet, and two or three sash will generally give early plants enough for a large family. The frame for sashes should be eighteen inches high at the back and twelve inches in front, which will give the proper slope to catch the sunlight. Cross-pieces should be placed for the sashes to slide on, to facilitate opening and shutting the frames. When everything is ready, the manure is placed in the bed and trodden down firmly in layers to the required depth, two feet. Then put on the sashes, and keep the bed closed until the heat rises. At first it will probably be 100° or more, which is too hot to sow the seed in; but in two or three days it will subside to 80° or a little less, when the soil may be put on to the depth of six to eight inches. The heat may be readily ascertained by plunging a thermometer in the manure. The soil should be mixed with about a third of fine, old manure, and in this the seeds may be sown thinly in drills two or three inches apart, and afterwards (as soon as out of the seed-leaf) either thinned out or else transplanted to another frame. Air must be given every mild day by raising the sashes at the back. Water with tepid water whenever necessary, and during cold nights and snow storms keep covered with straw mats or board shutters. The same directions may apply to hot-beds made on the surface of the ground, except that the manure should be at least a foot wider on all sides than the frame.

A Cold Frame is formed by placing the ordinary hot bed frame upon a bed of light, rich soil, in some place in the garden where it will be protected from cold winds. They should both be shaded from the sun by mats during the middle of the day.

LIBERAL DISCOUNTS ON VEGETABLE SEEDS IN PACKETS.
To induce our patrons to form Clubs to purchase SEEDS in quantity, we offer the following LIBERAL DISCOUNTS on Vegetable Seeds in Packets:

<table>
<thead>
<tr>
<th>Purchaser remitting</th>
<th>VEGETABLE SEEDS in Packets</th>
<th>Discount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1.00</td>
<td>totaling $1.25</td>
<td>2.50</td>
</tr>
<tr>
<td>$2.00</td>
<td></td>
<td>2.50</td>
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<tr>
<td>$3.00</td>
<td></td>
<td>3.75</td>
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<tr>
<td>$4.00</td>
<td></td>
<td>5.00</td>
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<tr>
<td>$5.00</td>
<td></td>
<td>6.25</td>
</tr>
</tbody>
</table>

We wish it distinctly understood that the discount allowed is for Vegetable Seeds in Papers only, and not for Collections of Seeds or Seeds by weight or measure.
SELECT LIST OF

VEGETABLE
SEEDS

WITH
Direction for Cultivation,
Which are plain and simple and if carefully
carried out, success is sure
to follow.

PRICES.

It is Our Constant Aim to make Highest Quality a First Consideration, and then to make our Prices as Low as Good, Honest Seeds can be sold. Our Prices, therefore, will in all cases, be found as Low as those of any other Reliable House, for seeds of the Highest Standard of Excellence.

Terms Cash with Order. Our prices of Vegetable Seeds given here include Postage or Free Delivery, except of Beans, Corn and Peas; for cost of mailing those see remarks under their respective headings. If any of our customers desire to pay Express or Freight charges on Vegetable Seeds themselves, they are allowed when remitting to deduct at the rate of 10 cents per pound from prices given. Market Gardeners or large Planters of Seeds requiring large quantities, are invited to write for Special Price List; in writing please state, either that you are a Market Gardener, Farmer, or Dealer in Seeds.

ASPARAGUS.


<table>
<thead>
<tr>
<th>Variety</th>
<th>Packet</th>
<th>Ounce</th>
<th>Pound</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conover's Colossal</td>
<td>5c</td>
<td>10c</td>
<td>35c</td>
<td>75c</td>
</tr>
<tr>
<td>Palmetto—An improvement on</td>
<td>5c</td>
<td>10c</td>
<td>30c</td>
<td>$1.00</td>
</tr>
<tr>
<td>Conover's</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ASPARAGUS—Plants.
See Roots, Etc.

ARTICHOKE.


Drop the seeds early in spring, and transplant in the following spring to hills four feet apart, setting from one to three plants in a hill. The soil should be deep and rich.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Packet</th>
<th>Ounce</th>
<th>Pound</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Large Green Globe</td>
<td></td>
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</tr>
</tbody>
</table>

BRUSSELS SPROUTS.

French, Chou de Bruxelles. German, Sprossen Kohl. Spanish, Berza de Brussels.

Sow early in spring, transplant and cultivate as cabbage. It grows about two feet high, bearing numerous small heads, which are in perfection for boiling in autumn.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Packet</th>
<th>Ounce</th>
<th>Pound</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Improved Roseberry—Very fine</td>
<td></td>
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</tbody>
</table>
DWARF OR BUSH BEANS.


We sell ¼ peck at peck and ½ bushel at bushel rates. Express or Freight Charges on Beans, always to be paid by the purchaser. If to be sent by mail, 15 cents per quart must be added to prepay postage.

Drop the Beans two or three inches apart, in rows standing eighteen inches to two feet apart. Hoe often, never when the vines are wet, or they will rust, drawing the earth slightly towards them. They require but six to eight weeks to make green pods and can be sown as late as August. 1 quart will plant 100 feet drill; 2 bushels to the acre in drills.

GREEN PODDED Sorts.

Price per Packet 7 cts., Postage included.

Improved Early Round Pod Red Speckled Valentine—A select strain of the popular Early Red Valentine. Ripening very uniformly, and producing enormously. Pods very tender and succulent.

Quart, 30c.; peck, $1.35; bush, 5.00.

Early Brown Mohawk—Early and hardy, large flat pods. Quart, 20c.; peck, $1.25; bush, 4.50.

Early Long Yellow six Weeks—Early, Beans yellow, kidney shaped, pods large, flat, green.

Quart, 20c.; peck, $1.25; bush, 4.50.

Early Round Yellow Six Weeks—Beans round, yellow; pods, green.

Quart, 20c.; peck, $1.25; bush, 4.50.

Best of All—Very early, dwarf compact growing, with round, green, glossy pods; very popular in the South.

Quart, 25c.; peck, $1.35; bush, 5.00.

White Seeded Valentine—Early and prolific; the bean being white, can be used as a Shell Bean.

Quart, 25c.; peck, $1.35; bush, 5.00.

Refugee, or Thousand to One—Hardy, yields abundantly.

Quart, 20c.; peck, $1.25; bush, 4.50.

Royal Dwarf White Kidney—Late Beans, large kidney-shaped, slightly flattened, can be used green or dry.

Quart, 20c.; peck, $1.25; bush, 4.50.

WAX PODDED SORTS.

Price per Packet 7 cts., Postage included.

Improved Golden Wax (Stringless)—An early stringless Bean; pod of golden wax color and excellent quality; very prolific.

Quart, 30c.; peck, $1.75; bush, 6.50.

Dwarf Prolific German Black Wax (Stringless)—An improved strain of the old German Black Wax Beans. Pod perfectly round, straight, long and an even rich color.

Quart, 30c.; peck, $1.75; bush, 6.50.

Wardwell’s Kidney Wax—Extra early, hardy and productive. Pods long, broad, flat and of a delicate, waxy yellow, entirely stringless and remarkably free from rust.

Quart, 30c.; peck, $1.75; bush, 6.50.

Dwarf Red Flageolet Wax—Pods very large, sometimes 10 to 12 inches in length, entirely stringless, very fleshy, exceedingly tender and succulent.

Quart, 30c.; peck, $1.75; bush, 6.50.

Dwarf Golden Eyed Wax—Very early and a vigorous grower, yielding a great profusion of tender, large, flat, fleshy pods of a beautiful golden waxy appearance. Hardy and singularly free from blight and rust. Very valuable.

Quart, 30c.; peck, $1.75; bush, 6.50.

DWARF BUSH LIMA.

See next page.
**DWARF BUSH LIMA—Continued.**

The True Bush Lima grows without the aid of stakes or poles, in compact bush form, from 18 to 18 inches high, and produces enormous crops of delicious Lima Beans, which can be as easily gathered as the common garden bush beans. The Bush Lima is at least two weeks earlier than any of the climbing Limas, and produces a continuous crop from the time it comes into bearing until frost. A very small patch will keep a family supplied with this splendid vegetable throughout the season.

<table>
<thead>
<tr>
<th>Henderson's Bush Lima</th>
<th>The Beans are of the size of the Sieva or Small Lima.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packet, 10c.; quart, 35c., peck, $2.00.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Burpee's Bush Large Lima</th>
<th>This variety is what has long been desired. A perfect bush form of the True Luscious Large Lima Bean. Each bush bears from 50 to 150 of the large handsome pods filled with the large beans. They come absolutely true from seed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packet, 10c.; pint, 40c.; quart, 75c.</td>
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</tbody>
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**POLE BEANS.**

**French, Haricots à Rames.** German, Stangenbohnen. Spanish, Judias.

If by mail, add 15 cents per quart to prepay postage.

Packet price, 7 cents, includes postage.

Culture—Less hardy than the Dwarfs, and are not usually planted so early. Plant in hills 3 feet apart, with a stake or pole to run up on. 1 quart to 100 to 150 hills.

Lazy Wives Pole Beans—Great favorite. The pods grow from four to six inches long, entirely stringless, and of a rich, buttery flavor when cooked. The pods remain green and retain their tender, rich, stringless flavor until nearly ripe. The Beans are white, and can be used as a shell bean.

- **Quart, 50c.; peck, $3.00; bushel, 10.00.**

White Cornfield Pole—A well-known, popular variety, particularly in the West; beans white, pods round and succulent; very productive.

- **Quart, 30c.; peck, $1.75; bushel, 6.50.**

Early Dutch Case Knife Pole—Beans Kidney-shaped, white, very prolific, with broad long pods.

- **Quart, 25c.; peck, $1.50; bushel, 5.50.**

Horticultural Cranberry Pole—Beans, round, oval, speckled; a popular variety; equally serviceable in the green state or when shelled.

- **Quart, 25c.; peck, $1.50; bushel, 5.50.**

Scarlet Runner Pole—Very productive as a table variety, and also used for ornamental purposes, producing dazzling, scarlet flowers.

- **Quart, 30c.; peck, $1.75; bushel, 6.50.**

Southern Prolific Pole—Habit vigorous, prolific, bearing till frost; pods borne in clusters; succulent, delicious.

- **Quart, 30c.; peck, $1.75; bushel, 6.50.**

German Black Wax Pole—Early; pods golden yellow; very succulent.

- **Quart, 35c.; peck, $2.00; bushel, 7.50.**

Giant Red Wax Pole—Pods long, thick and fleshy, of a pale, yellow color and wax appearance.

- **Quart, 50c.; peck, $3.00; bushel, 10.00.**

Early Golden Cluster Wax Pole—Begin to bear early in July, and continues until frost. Pods are six to eight inches long, borne in clusters of three to six, and are of a beautiful golden yellow color, and the flavor is most delicious.

- **Quart, 50c.; peck, $3.00; bushel, 10.00.**

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**Pole Lima Beans.**

Packet, 7 cents; postage included.

Culture—Set the poles, if possible, before planting. They should not be put into the ground before May, or not until the ground is dry and warm, for if planted too early, the seed is apt to rot, and unless the eye is placed downward it may not come up at all. They are very tender and cannot bear the slightest frost.

<table>
<thead>
<tr>
<th>Jersey Extra Early Lima</th>
<th>This variety is from 8 to 10 days earlier than any other Pole Lima Bean. The vines are vigorous in growth, bearing profusely large broad pods in clusters of four. The Beans are nearly as large and fully as good as the Large Lima.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packet, 35c.; peck, $2.35.</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Deer's Improved Lima</th>
<th>Very productive and of excellent quality; when green they are nearly as large as the Large Lima, thicker, sweeter, and more tender and nutritious, remaining green in the pod for a long time after maturing.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packet, 30c.; peck, $2.25; bushel, 7.50.</td>
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<table>
<thead>
<tr>
<th>Large White Lima or Butter</th>
<th>Most universally grown both for market and private use.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quart, 35c.; peck, $2.50; bushel, 8.00.</td>
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</table>

<table>
<thead>
<tr>
<th>Small Lima or Sieva</th>
<th>Early and hardy.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packet, 30c.; peck, $2.00; bushel, 7.50.</td>
<td></td>
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</tbody>
</table>

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<thead>
<tr>
<th>King of the Garden Lima</th>
<th>They are vigorous growers, setting their beans early at bottom of pole, producing continuously to the end of the season. They are very prolific, bearing their pods five to seven inches long, in clusters of four and five, with five to six beans in a pod.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quart, 35c.; peck, $2.35.</td>
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</tbody>
</table>

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**ENGLISH BEANS.**

Drop early in spring, three inches apart, in drills two or three feet apart.

<table>
<thead>
<tr>
<th>Early Long Pod</th>
<th>Good and productive.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quart, 25c.; peck, $1.50; bushel, 5.50.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Broad Windsor</th>
<th>Largest and best.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quart, 25c.; peck, $1.50; bushel, 5.50.</td>
<td></td>
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</tbody>
</table>
GARDEN PEAS.
French, Pots. German, Erbse. Spanish, Guizante.

We sell 1/2 peck at peck and 1/2 bushel at bushel rates. Express or Freight charges on Peas always to be paid by the purchaser. If to be sent by mail, 15 cents per quart must be added to prepaid postage.

Culture—The planting of an early crop of Garden Peas should be made in the spring, as soon as the ground can be worked, in a warm, dry situation, and covered about three inches. The ground must be manured the year previous, or the peas will be apt to grow too much to straw. The height to which all peas grow depends in great measure upon the richness of the soil and the wetness of the season. They are usually planted in double rows from three to four feet apart, and those requiring it, bushed, when about six inches high. They should be kept clean, and earthed up twice in their growth. In dry weather the peas should be soaked five or six hours before planting, and if the ground is very dry, they should be watered in the drills. 1 quart will plant 80 feet drill; 1/2 to 2 bushels to the acre.

EXTRA EARLY PEAS.
Price per Packet 7 cts., Postage included.

Plant's Extra Early—Bearing our name—is the most profitable Pea for market gardeners and truckers to grow; it is entirely distinct and superior to any other Extra Early Pea. It is the earliest, maturing from forty to forty-five days from germination; it is the most productive, the pods are of a dark green color, of a full round shape and of strong texture, which especially fits it for shipping long distances. On average soil it will not exceed twenty inches in height. The pods fill up evenly, and frequently the entire crop can be gathered at one picking, which is very valuable to the market gardener. While hundreds of market gardeners have pronounced this pea unequalled in earliness, yield and regularity of growth, and in every sense a perfect trucker's pea, yet at the same time we know of no other variety more popular or better adapted to private gardens.

Quart, 25c.; peck, $1.50; bush., 5.00.

Carter's First Crop—One of the earliest in cultivation, very productive, good flavor, two feet high.

Quart, 25c.; peck, $1.50; bush., 5.00.

Alaska—True—One of the earliest peas known; 90 per cent. of the pods can be gathered at the first picking. The dark green color of the pods make it extremely desirable. Two feet high.

Quart, 25c.; peck, $1.50; bush., 5.00.

Rural New Yorker—Very robust and branching habit. It is one of the earliest, most hardy, most productive, and ripens uniformly. The pods are very large and contain from six to nine peas. Height of vine, 2 feet.

Quart, 25c.; peck, $1.50; bush., 5.00.

Laxton's Alpha—(Wrinkled)—A blue wrinkled marrow; very early, produces pods from the bottom to the top of the plant well filled with peas, which are of the finest flavor; two feet high.

Quart, 25c.; peck, $1.50; bush., 5.00.

Improved Dan O'Rourke—A very popular market variety; pods well filled; two feet high.

Quart, 25c.; peck, $1.50; bush., 5.00.

DWARF EXTRA EARLY PEAS.
(No Sticks Required.)
Price per Packet, 7 cts., Postage included.

American Wonder—(Wrinkled)—This variety stands unrivalled in point of productiveness, flavor and quality, and is without exception, the Earliest Wrinkled Pea in cultivation. It is of dwarf and robust habit, growing from ten to twelve inches high, and produces a profusion of good sized and well filled pods of the finest flavor.

Quart, 25c.; peck, $1.75; bush., 6.50.

Plant's Earliest Dwarf or Tom Thumb—Very early and prolific, and very dwarf, growing only ten to twelve inches high.

Quart, 25c.; peck, $1.75; bush., 6.50.

Little Gem—(Wrinkled)—A dwarf, prolific, green, wrinkled marrow; habit similar to the Tom Thumb; it has all the sugary flavor of the late Wrinkled Peas, besides being early; height one foot.

Quart, 25c.; peck, $1.50; bush., 6.00.

Carter's Premium Gem—(Wrinkled)—A valuable extra early, dwarf Wrinkled Pea, robust in growth, with long pods, height one foot.

Quart, 25c.; peck, $1.50; bush., 6.00.
GARDEN PEAS—Continued.

SECOND EARLY AND LATE SORTS.

Price per Packet, 7 cts., Postage included.

Advancer—(Wrinkled) — A green wrinkled marrow, of fine flavor; long pods, well filled; very prolific; two and one-half feet high.

Quart, 25c.; peck, $1.50; bush., 6.00.

Early Frame or May—Pods round, hardy, prolific; two feet high.

Quart, 20c.; peck, $1.35; bush., 4.50.

P. S. Co.'s Second Early—This variety ripens about two weeks later than our Plant's Extra Early, just in time when peas are scarce and command a good price. It is a wrinkled variety; the vines are uniformly two feet high, and very even and regular in growth. It is a prolific bearer, and yields more per acre than any other variety. The pods, although of medium size, are numerous, and are literally packed with peas of a delicious sweet flavor.

Quart, 25c.; peck, $1.50; bush., 6.00.

Stratagem—(Wrinkled) — One of the finest second early peas grown. The strong sturdy ham is literally covered with immense pods. Many of the pods measure nearly 3 1/2 inches in length, and contain as high as ten large, fine flavored, wrinkled peas of excellent quality, very sweet; two feet high.

Quart, 35c.; peck, $2.25; bush., 7.50.

Bliss' Ever-Bearing—The great value of this variety is found in its long continued bearing; pods three to four inches long, well filled. Peas very large, half an inch or over in diameter; unsurpassed in sweetness and flavor. Two feet high.

Quart, 35c.; peck, $1.50; bush., 5.00.

Horsford's Market Garden—A grand wrinkled variety, coming in between Little Gem and Advancer. The vines are two feet high, very regular in growth. It is a prolific bearer, and yields abundantly. Pods, medium size, numerours and full with peas of a delicious sweet flavor. Grows uniformly two feet high.

Quart, 25c.; peck, $1.50; bush., 5.00.

Champion of England (Wrinkled) — One of the richest and best flavored peas grown; large, long pods; four to five feet high.

Quart, 30c.; peck, $1.25; bush., 4.00.

Blue Peter—A dwarf variety, dark green foliage, with large, well filled pods, of an exquisite flavor; one foot high.

Quart, 25c.; peck, $1.50; bush., 5.00.

Large White Marrowfat—A favorite market sort; large, broad pods; well filled; five feet high.

Quart, 15c.; peck, $1.00; bush., 3.50.

Black-Eyed Marrowfat—A well-known variety; large pods, well filled; hardy and productive; four feet high.

Quart, 15c.; peck, $1.00; bush., 3.50.

EDIBLE PODDED, OR SUGAR PEAS.

Very Dwarf Sugar—This variety is unusually dwarf, being very similar in habit to the well-known American Wonder Pea. The pods are of unusual size for such a small growing sort, and are of exquisite, melting quality. Of recent years the demand has increased very much for Sugar Peas and we have no doubt that this little variety will be welcome, as it has a great advantage from the fact that it does not require brushing or sticking as other Sugar Peas do.

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

Dwarf Gray Sugar—A desirable Sugar Pea; very early and prolific; pods broad, flat and crooked, and contain five or six peas; two feet high.

Quart, 35c.; peck, $3.00; bush., 7.00.
SWEET OR SUGAR CORN.

French, Mais. German, Mais-Welschkorn. Spanish, Maíz.

Price per Packet, 7 cts., Postage included.

We sell 1/2 peck at peck and 1/2 bushel at bushel rates. Express or Freight charges on Corn always to be paid by the purchaser. If to be sent by mail, 12 cents per quart must be added to prepay postage.

Culture—Drop in hills three feet apart, and leave four plants to the hill. Plant at intervals of ten days from early spring to midsummer, which will insure a constant supply of Green Corn throughout the season. 1 quart for 100 hills; 9 to 10 quarts to the acre; in hills.

EXTRA EARLY VARIETIES.

Extra Early Adams—The hardiest and earliest white corn known; is not a Sugar Corn, but on account of its being largely sold for table use we class it among the Sugar Corns. It can be planted earlier than any other; ear short, grain white, indented.
Quart, 20c.; peck, $1.25; bush., 4.00.

Early Cory Sweet—This has a much larger ear than the Early Marblehead Sweet, holding its size to the tip. It is also eight days earlier, and produces more marketable ears; very dwarf growth, setting its ears low down; kernel white, tinged with red.
Quart, 20c.; peck, $1.00; bush., 3.50.

Early Minnesota—This old favorite is one of the earliest sorts of sweet corn, and is highly esteemed for its excellent qualities.
Quart, 20c.; peck, $1.00; bush., 3.50.

Shaker's Early—A splendid market sort, ready about the same time as Early Minnesota, but the ears are much larger. The stalks, in good soil, attain a height of six feet, bearing usually two large ears, well filled out to the tips of the cob; the kernels are large, white, and of delicious flavor.
Quart, 20c.; peck, $1.00; bush., 3.50.

SECOND EARLY VARIETIES.

Adams Early White—An early market variety; similar to Extra Early Adams; larger, but not so early. Used for the table, particularly in the South.
Quart, 15c.; peck, $1.00; bush., 3.50.

Early Bonanza Sweet—This excellent variety is not as early as Minnesota, Crosby's and other early varieties, but the ears are much larger; its table qualities are unequalled in rich, sugary flavor; white cob. It is exceedingly prolific, bearing two or three good ears to the stalk.
Quart, 20c.; peck, $1.00; bush., 3.50.

Perry's Hybrid Sweet—This is a second early, twelve rowed variety, growing only four to five feet high, with ears as long as the Crosby, and set very low on the stalk; red cob, kernels white, large, sweet and very tender.
Quart, 20c.; peck, $1.00; bush., 3.50.

Moore's Early Concord—Produces its very large, handsome, fourteen rowed ears very low on the stalk; comes into use after Early Minnesota; the quality is faultless a fine intermediate variety.
Quart, 20c.; peck, $1.00; bush., 3.50.

FOR GENERAL CROP.

Hickox Improved Sweet—Is valuable alike in the market or family garden, or for canning. The ears are twelve-rowed; quality of the very best.
Quart, 20c.; peck, $1.00; bush., 3.50.

Stowell’s Evergreen—Grown more extensively than any other; a great favorite with canners and market gardeners for late use. The ears are of large size; kernels very deep, tender and sugary; very productive, and remains for a long time in fit condition for table use.
Quart, 15c.; peck, $1.00; bush., 3.50.

Mammoth—One of the best late varieties; stalk good size, ears enormously large, twelve to sixteen-rowed, very tender and sweet, cob white, large and well filled.
Quart, 15c.; peck, $1.00; bush., 3.50.

For Country Gentleman Sweet Corn, see page 3.
Our Prices of Vegetable Seeds given here include Postage; if you desire to pay Charges upon arrival you can deduct at the rate of 10 cents per pound from prices given.

GARDEN BEETS.


Price per Packet, 5 cents each, Postage included.

**Cultivation—** Require a deep, rich and mellow soil, and may be sown from early spring to commencement of summer. Drop about one inch deep in drills twelve to eighteen inches apart. Thin to six and twelve inches, and hoe often until the tops cover the ground. 1 ounce to 50 feet drill. 4 to 5 pounds to the acre in drills.

- **Extra Early Egyptian Dark Red**—The well-known favorite; extra early and of a deep crimson color.
  - Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

- **Eclipse**—An early variety, globe shaped, smooth, with firm, small top; very sweet; flesh fine, and dark blood color; very desirable for market gardeners.
  - Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

- **Mitchell's Perfected Earliest Dark Red**—We recommend this variety as containing all the valuable essentials of an early beet. It is nearly as early as the Egyptian, but larger, of fine, dark red color, tender and sweet at all times, whether old or young. It has a very small top and will produce a crop in six weeks from time of planting the seed. It is very productive and a perfect keeper.
  - Ounce, 10c.; ¼ pound, 25c.; pound, 85c.

- **F. S. Co.’s Improved Early Blood Turnip**—A selected type of the Early Blood Turnip, remarkable for perfected symmetry of shape, freedom from side or fibrous roots, and fine quality. It grows uniformly to a good, large size, deep blood red, fine grained, very sweet and tender.
  - Ounce, 10c.; ¼ pound, 25c.; pound, 85c.

- **Early Blood Turnip**—The old standard sort; tender and sweet; keeps well.
  - Ounce, 10c.; ¼ pound, 20c.; pound, 65c.

- **Dewing’s Blood Red Turnip**—Grows to a large size.
  - Ounce, 10c.; ¼ pound, 20c.; pound, 65c.

- **Early Flat Bassano**—Early and flat, flesh white and rose, very tender, sweet and juicy.
  - Ounce, 10c.; ¼ pound, 20c.; pound, 65c.

- **Early Yellow Turnip**—Fleshy yellow and tender.
  - Ounce, 10c.; ¼ pound, 20c.; pound, 65c.

- **Long Smooth Blood Red**—Tender and sweet; excellent for winter use.
  - Ounce, 10c.; ¼ pound, 20c.; pound, 65c.

- **Swiss Chard or Sea-Kale Beet**—Cultivated for its leaves. The mid-rib is stewed and served as Asparagus. The other portion of the leaf being used as a Spinach.
  - Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

**SUGAR BEET.**

In many sections of the country immense factories have been built for the production of sugar from Sugar Beets, and entire farms are now devoted to the raising of Beets for this purpose. The farmers begin to see that this is one of the best crops that can be grown, not only for stock feeding but for this new industry. Five to six pounds will sow one acre.

- **White Sugar Beet**—Grown extensively for feeding stock; also for the extraction of sugar.
  - Ounce, 10c.; ¼ pound, 15c.; pound, 40c.

- **Vilmorin's Improved Sugar Beet**—A greatly improved variety of the preceding, very valuable as a sugar producing Beet.
  - Ounce, 10c.; ¼ pound, 20c.; pound, 50c.

By Express, pound 40c.; 5 pounds, $1.75; 10 pounds, 3.00.
MANGEL WURTZEL.

German, Runkelwurzel. French, Betterave Champetre.

The value of these for stock raising cannot be over-estimated, analysis having demonstrated the fact that 400 lbs. of Mangels are equivalent to 100 lbs. of the best hay. During the past year crops of 1,000 to 1,500 bushels on one acre were raised.

Culture—As all Mangels require a deep soil in order to grow well, plow and subsoil at least a foot to eighteen inches, and apply plenty of rich stable manure or P. S. Co.'s Universal Fertilizer at the rate of 600 to 800 pounds to the acre. Sow in April to June, in rows eighteen inches to two feet apart, and thin to eight inches in the rows. Young plants may be transplanted to fill up vacancies. As soon as frost occurs dig the crop. 4 to 5 lbs. are required for an acre.

Prices include postage, but if quoted by Express, purchaser must pay charges. Price per Packet, 5 cts., postpaid.

☑ Norbiton Giant or Red Mammoth Mangel Wurtzel—Enormous size and very productive.
   Oz., 10c.; $1 lb., 30c.; lb., 50c. By Express, lb., 40c.; 5 lb., $1.75; 10 lb., 3.00.

☑ Red Globe Mangel Wurtzel—A large, globe-shaped variety; red, keeps well.
   Oz., 10c.; $1 lb., 30c.; lb., 50c. By Express, lb., 35c.; 5 lb., $1.50; 10 lb., 2.50.

☑ Long Yellow Mangel Wurtzel—Differing from the Long Red in color only.
   Oz., 10c.; $1 lb., 30c.; lb., 50c. By Express, lb., 35c.; 5 lb., $1.50; 10 lb., 2.50.

☑ Yellow Globe Mangel Wurtzel—Similar to the Red Globe, except in color; keeps well.
   Oz., 10c.; $1 lb., 30c.; lb., 50c. By Express, lb., 35c.; 5 lb., $1.50; 10 lb., 2.50.

☑ Golden Yellow Mammoth—This variety resembles the Red Mammoth, except in color; the flesh, leaf stalks and mid rib of the leaves are golden yellow. It is a heavy cropper, the root grows about half above ground, and, like that of other yellow-fleshed varieties, is very rich in saccharine matter.
   Oz., 10c.; $1 lb., 30c.; lb., 50c. By Express, lb., 40c.; 5 lb., $1.75; 10 lb., 3.00.

CAULIFLOWER.

P. S. Co.'s Erfurt Earliest Dwarf Extra Selected—The best for forcing and open ground; the earliest and finest of all varieties. Scarcely a plant fails to produce a good head. It is of dwarf habit, compact growth, short outside leaves, and can be planted twenty inches apart each way. The best for early market and family use, and can be entirely relied upon, as the seed was grown with extra care by one of the most careful growers in Erfurt. A very shy Seeder on account of its compact solid heads.
   Packet, 40c.; ounce, $0.60; pound, $2.00.

Lenormand's Short Stemmed—A very fine large, late variety of good quality.
   Packet, 10c.; ounce, 60c.; $2 pound, $2.00.

French, Choufleur. German, Blumenkohl.

Spanish, Califlor.

Early Snowball—Highly esteemed by market gardeners for its earliness and reliability as a sure header; it grows on a robust stem, and produces magnificent white heads of fine quality.
   Packet, 25c.; ounce, $3.00; $4 pound, 11.00.

Erfurt Early Dwarf Small-leaved—A favorite early market variety, for forcing or open ground; large, compact, solid, pure white heads of finest quality.
   Packet, 25c.; ounce, $3.00; $4 pound, 11.00.

Early Paris—Head rather large, white and compact, stalk short.
   Packet, 10c.; ounce, 60c.; $2 pound, $2.00.

Early London—A well-known variety, fine, white and compact heads.
   Packet, 10c.; ounce, 50c.; $2 pound, $1.50.

Italian Early Giant Autumnal—Extra fine sort, produces large, white heads, and comes to maturity early in autumn.
   Packet, 10c.; ounce, 60c.; $2 pound, $2.00.

Large Late Asiatic—A late, large, white compact variety.
   Packet, 10c.; ounce, 50c.; $2 pound, $1.50.

Cultivation—The Cauliflower is esteemed as one of the most delicious vegetables. It requires the same treatment and culture as the Cabbage, and with good seed of a pure strain, it is as easily grown. Sow the seed in a cold frame early in spring, or in a sheltered and well prepared seed bed, in the open ground, in a warm sunny exposure; keep the plants sufficiently well thinned out to secure a vigorous and stocky growth, and when of the usual size of Cabbage plants, transplant them about two feet apart, in good well-enriched soil bearing in mind not to use ground where any of the Cabbage tribe grew the previous year. The best fertilizer is thoroughly rotted stable manure and bone dust. One ounce will produce about 2,000 plants.

BROCCOLI.

German, Spargelkohl.

Culture same as Cauliflower.

White Cape—Early, with large, close head.
   Packet, 25c.; ounce, 50c.; $2 pound, $1.00.

Large Purple Cape—A good, early variety.
   Packet, 25c.; ounce, 50c.; $2 pound, $1.00.
Reliable Cabbage Seeds.


There is nothing of greater importance to the market or family gardener than reliable cabbage seeds. We need say nothing to those who have purchased our cabbage in former seasons, as to them its high quality is already known. To those who have never tried us, we can only say that our cabbage is the very best procurable and vastly superior to the seed generally sold. Every grain of seed produced is from carefully selected heads, and our stocks are unsurpassed in this country.

**EXTRA EARLY VARIETIES.**

**Per Packet, 5 cts., Postpaid.**

**Early Jersey Wakefield Selected—True American**—The most popular and most valuable variety with market gardeners for early use, and is justly considered the best early Cabbage in cultivation, and sure to head. The heads are large sized, pyramidal in shape, having a blunted or round peak with small outside foliage. Select quality.

Ounce, 25c.; ¼ pound, 90c.; pound, $3.00.

**SECOND EARLY VARIETIES.**

**Per Packet, 5 cts., Postpaid.**

**Henderson’s Early Summer**—The earliest large-heading Cabbage; growth compact, so that it may be set as close as the smaller sorts. Heads large, flat or slightly rounded, handsome, and they keep longer without bursting than most of the early sorts. Valuable for both family and market. Select quality.

Ounce, 25c.; ¼ pound, 90c.; pound, $3.00.

**All Season—True—A Sure Header**—This excellent strain of early Drumhead Cabbage is as early and good as the Early Summer, and growing a third to half as large again. As the name indicates, it can be planted at all seasons, and makes both a splendid early and late variety. It forms a fine, large hard head of superior quality, not bursting after heading. The heads are of great thickness, which makes it a capital sort to keep through the winter.

Ounce, 25c.; ¼ pound, 90c.; pound, $3.00.
CABBAGE—Continued.

SECOND EARLY—Continued.

Per Packet, 5 cts., Postpaid.

Early Dwarf Flat Dutch—An excellent variety for summer use; flat, compact, solid head, of fine flavor.
Ounce, 25c.; ¼ pound, 75c.; pound, $2.50.
Early Large French Oxheart—Heads close and firm; fine flavor and good quality; well known.
Ounce, 15c.; ¼ pound, 50c.; pound, $1.75.
Early Winningstadt—An old German variety; heads large, conical shaped, very tender and of good quality.
Ounce, 20c.; ¼ pound, 60c.; pound, $2.90.

Early Drumhead, or Johnsdal Drumhead—Heads round, flat; one of the latest among the early sorts.
Ounce, 15c.; ¼ pound, 50c.; pound, $1.75.

Early Large York—The old well known sort.
Oounce, 15c.; ¼ pound, 50c.; pound, $1.50.

FALL AND WINTER SortS.

Per Packet, 5 cts., Postpaid.

Plant Seed Company's Superior Premium Late Flat Dutch—This is a superior strain of the Premium Late Flat Dutch Cabbage, and is now the most popular late variety with St. Louis and Western Market Gardeners and large growers of Cabbage. It is a sure header.
Ounce, 25c.; ¼ pound, 75c.; pound, $3.50.

Premium Late Flat Dutch—Select Quality—The standard winter variety, low growth, heads large, bluish green, round, solid, broad and flat on top, select quality, and often tinted with red and brown; an excellent keeper.
Oounce, 25c.; ¼ pound, 75c.; pound, $2.50.

Improved White Brunswick Shortstemmed—Potters—The earliest and very best Drumhead yet offered; heads large, tender, solid and highly flavored. Very popular with Missouri market gardeners.
Oounce, 25c.; ¼ pound, 75c.; pound, $2.50.

Succession—Henderson—Early maturing, a little later than Early Summer, and is twice its size. Although this variety will be largely grown to come in for midsummer use, it will also be valuable as a fall or winter variety, as its firm, solid head makes it an excellent keeper.
Oounce, 25c.; ¼ pound, 75c.; pound, $2.50.

COLLARDS.

Southern—A species of Cabbage, very popular in our Southern States.
Oounce, 15c.; ¼ pound, 50c.; pound, $1.50.

Large Late American Drumhead—Select Quality—Excellent winter variety, with a broad, flat or round head, very compact and solid short stump, tender and good flavored, an excellent keeper.
Oounce, 25c.; ¼ pound, 75c.; pound, $2.50.

Marblehead Mammoth Drumhead—The largest variety in cultivation, heads growing to an enormous size, being compact and hard.
Oounce, 25c.; ¼ pound, 75c.; pound, $2.50.

Stone-Mason Drumhead—A good fall and winter variety. Heads flat and solid.
Oounce, 25c.; ¼ pound, 75c.; pound, $2.50.

Danish Bull Drumhead—A good variety adapted for the south. Head round, solid, good for fall and winter. Keeps well. Excellent for shipping.
Oounce, 25c.; ¼ pound, 75c.; pound, $2.50.
CABBAGE—Continued.

RED CABBAGE.

German, Roth-Kraut.

Early Blood or Dark Red Erfurt—Early, heads round and solid, fine color and excellent quality.

Ounce, 25c.; ½ pound, 75c.; pound, $2.50.

Red Dutch for Pickling—Medium size, very hard oblong heads; first quality.

Ounce, 20c.; ½ pound, 60c.; pound, $2.00.

Mammoth Rock Red—This is by far the best, largest and surest-heading red cabbage ever introduced. The plant is large, with numerous spreading leaves. The head is large, round, very solid, and of deep red color.

Ounce, 30c.; ½ pound, 60c.; pound, $3.50.

Cultivation—The early varieties, where the winters are mild, are frequently sown in seed beds in the autumn, protected during the winter and transplanted early in the spring. It is customary also, for the early crop, to sow in hot beds during January and February, and in cold frames under glass in March, and for later crops, in the open ground through the month of May. For early crop of the late Cabbages, seed may be sown in the open ground, as early as the middle of April, and earlier in hot beds. For the fall and winter crop of late Cabbages, the seed should be sown in the month of June—indeed, almost to the end of the month will do. To produce fine Cabbages, the soil must be deep, rich and highly manured. The early varieties may be transplanted in rows, eighteen or twenty inches apart, and twelve to fifteen inches distant in the row. The late varieties should be set twenty or more inches apart, in rows two feet or more apart. One ounce will produce about 2,000 plants.

CORN SALAD OR FETTICUS.

Fr., Mache. Ger., Rabinschen, Feldsalat.

Span., Canonigos.

1 oz. will sow fifteen square feet. Sow five to six pounds to the acre.

Sow early in fall or first of the spring, in shallow drills, about twelve inches apart. Cover lightly, and if very dry, occasionally water. To protect the winter, cover with straw or light evergreen bush. It is used as salad, and is esteemed very highly on account of its very early appearance in the spring.

Large Leaved—The best variety cultivated.

Packet, 5 cts.; ounce, 10c.; ½ pound, 30c.; pound, $1.00.

CRESS.


The peppergrass sow early in spring, in shallow drills; cut often, as it will continue to grow. The winter cress sow in autumn, in drills one foot apart. The Water Cress must be sown in a very moist location.

Curled or Peppergrass—Common and well-known.

Packet, 5c.; ounce, 10c.; ½ pound, 25c.; pound, 75c.

Broadleaved Winter—Large, fleshy leaves.

Packet, 5c.; ounce, 15c.; ½ pound, 40c.; pound, $1.25.

True Water Cress—Leaves tender and highly flavored.

Packet, 5c.; ounce, 40c.; ½ pound, $1.25; pound, 4.50.
CARROT.


Price per Packet, Postage included, 6 cts. each.

Culture—1 ounce to 100 feet drill; 2 to 3 pounds to the acre in drills. Sow during any of the spring months, in drills from twelve to fifteen inches apart, and thin to three or four inches in the drill. Requires deep, rich, mellow soil and thorough culture. Esteemed a most valuable root crop for table use, also for feeding cattle and horses. To keep them, they must be well dried and put in a place free from wet and frost, and should be often examined and overhauled if they should sweat.

Early Scarlet Horn, Pointed Rooted—A fine variety, of medium size; color, deep scarlet; fine flavor. Ounce, 10c.; ½ pound, 30c.; pound, $1.00.

Best four kinds for Field Culture for feeding Cattle and Horses.


Long Orange Improved—One of the most desirable for either garden or field culture. It grows to a large size, fair specimens averaging twelve inches in length, and three inches diameter at the top. All who have cattle should raise a surplus of this carrot for feeding milch cows during winter. It increases the flow of milk and imparts to the butter a delicious flavor and a rich golden color. Ounce, 10c.; ½ pound, 30c.; pound, $1.00.

Danvers Half Long Orange—One of the most productive, and good for field culture, for stock and horse feeding. Tops medium, dark colored; roots large, but short, tapering abruptly at the point, very uniform and handsome; flesh, deep orange, with yellow center, sweet and tender. See Figure 3.

Ounce, 10c.; ½ pound, 30c.; pound, $1.00.

Long Red Altringham—Roots long, with top an inch or two above ground; of medium size; skin deep scarlet, flesh bright, crisp and of fine flavor; excellent for field culture; requires deep cultivation.

Ounce, 10c.; ½ pound, 30c.; pound, $1.00.

Large White Belgian—Grows one third out of the ground; roots pure white; green above ground, with small tops. Valuable for horses and stock.

Ounce, 10c.; ½ pound, 30c.; pound, $1.00.

CARDOON.

French, Cardon. German, Kardon. Spanish, Cardo.

Cardoon is grown for the mid-rib of the leaf, which requires to be blanched.

Large Spanish—Packet, 5c.; ounce, 30c.; ½ pound, $1.00

Extra Early Forcing—The earliest variety in cultivation. Tops small, root round, two inches in diameter, with slender tap, reddish orange. See Figure 1.

Ounce, 10c.; ½ pound, 30c.; pound, $1.25.

Early Short Horn, Stump Rooted—A very early variety, excellent for table use; color, deep scarlet. See Figure 6.

Ounce, 10c.; ½ pound, 30c.; pound, $1.25.

Early Half Long Scarlet, Stump Rooted—An excellent variety for market gardeners; color, scarlet; good for shallow soils. See Figure 5.

Ounce, 10c.; ½ pound, 30c.; pound, $1.00.

Oxheart, or Half Long Guerande—This is one of the most valuable, either for family use or market. It is an intermediate between the Half Long and Horn varieties, attaining a diameter three to four inches at the neck, and of most beautiful shape and color. See Figure 5.

Ounce, 10c.; ½ pound, 30c.; pound, $1.00.

Rubicon Half Long—Very symmetrical in shape and of dark, orange color. It is earlier than the Danvers and about the same length; the leaves are one-third shorter, fewer and finer than this well-known sort. It grows without neck, the crown is hollow and it grows well under the ground, which prevents it from becoming sunburnt. See Figure 4.

Ounce, 15c.; ½ pound, 35c.; pound, $1.25.
**CELERY.**


Price per packet, 5 cts. each, Postpaid.

Culture—One ounce will produce about 3,000 plants. Sow in April and May, and rake the seed in lightly; water, and shade from strong sun. Prepare trenches two to four feet apart, a foot wide and a foot deep; dig into the bottom plenty of well rotted manure, and set the plants when they are three or four inches high, six to eight inches apart in each trench. Keep them shaded until started, and gradually earth them up as they grow. Set them from May to July.

**The Most Popular and Valuable Sort.**

**White Plume.**

White Plume—Self-blanching; the stalk and portions of the inner leaves and heart are naturally white; needs very little banking up to blanch; crisp, solid and of a nutty flavor, while its white feather-like foliage places it ahead of all others as a table ornament. Our seed can be relied upon as the “True White Plume.”

Ounce, 30c.; ¼ pound, $1.00; pound, 3.50.

**Paris Golden Self-blanching.**—A fine solid variety on the style of the White Plume, except that it is golden yellow where the Plume is white, and contrasts well with that sort. It is as self-blanching as any; yet neither it nor any other kind can reach perfection without some artificial method of blanching. True seed.

Ounce, 30c.; ¼ pound, $1.00; pound, 3.50.

**Golden Heart.**

Henderson Golden Heart Dwarf—Very fine; when blanched the heart is of a waxy, golden yellow, rendering it a most showy and striking variety for either market or private use.

Ounce, 25c.; ¼ pound, 75c.; pound, $2.50.

**Boston Market.**

Boston Market—A favorite variety; remarkable for its tender, crisp and succulent stems and its peculiar mild flavor.

Ounce, 35c.; ¼ pound, 75c.; pound, $2.50.

**Henderson White Half Dwarf.**—The leading variety for market gardeners. When blanched it is of a yellowish-white, entirely solid and of nutty flavor.

Ounce, 25c.; ¼ pound, 75c.; pound, $2.50.

**Giant Pascal.**

Kalamazoo Broadribbed—Very distinct and handsome, of a beautiful cream-white color throughout, attains a very large size, of quick growth, stiff and close habit, is remarkably solid, crisp eating and fine flavored.

Ounce, 25c.; ¼ pound, 75c.; pound, $2.50.

**Incomparable Dwarf Crimson—Dwarf habit; exceedingly solid, of fine, dark crimson color.**

Ounce, 25c.; ¼ pound, 75c.; pound, $2.50.

**CELERIAC.**

A variety of celery, having turnip-shaped roots, which are cooked and sliced and used in vinegar, making a most excellent salad.

**Koollen-Sellerie.**

Celeriac—Erfurt Improved Turnip Rooted—The old standard sort, well known.

Oz., 25c.; ¼ lb., 60c.; lb., $2.00.

Celeriac—Apple-Shaped—A great improvement over the old variety, having small foliage, large tubers, almost round in shape and smooth.

Oz., 25c.; ¼ lb., 75c.; lb., $3.50.

Price per Packet, 5 cts. each.

Jersey Pickle or Long Green Prickly—A very excel lent long and prolific variety, sometimes growing from ten to twelve inches long; rather pointed at both ends, dark green, firm and crisp. It is excellent for the table, and makes a hard, brittle pickle.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

London Long Green—The old standard sort; one foot long; flesh greenish white, firm, crisp.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

Boston Pickling—An early, short variety of good form and very productive, one of the best for pickling.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

Westfield's Chicago Pickle—This variety combines all the qualities desired by those who raise cucumbers for commercial pickles.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

Extra Long Green Turkey—A distinct variety; growing about eighteen inches long; flesh firm and crisp.

Ounce, 15c.; ¼ pound, 35c.; pound, $1.00.

Giant Pera—Grows very smooth and straight; free from spines, and retains its clear green color until nearly ripe. The green cucumbers are fit to eat at any stage, the flesh is entirely white, very clear, perfectly crisp, tender and brittle. A mature Giant Pera eighteen to twenty-two inches long will hardly give as much seed as a small, short green cucumber.

Ounce, 15c.; ¼ pound, 40c.; pound, $1.50.

West India Gherkin or Burr—Oval shaped; for pickling only.

Ounce, 30c.; ¼ pound, 50c.; pound, $1.75.

FORCING CUCUMBERS.

The forcing varieties are of fine quality and of wonderful size, often 2½ to 30 inches long, but they require a hot bed to help them along, until the weather is warm.

General Grant—Green; twenty to twenty-five inches long.

Packet, 15c.; ounce, $1.50.

Giant of Arnstadt—Green; one of the finest; twenty inches long.

Packet, 15c.; ounce, $1.50.

Glory of Erfurt—Snow white; twenty to twenty-four inches long.

Packet, 15c.; ounce, $2.00.

Swan Neck—Green; twenty-six to thirty inches long.

Packet, 15c.; ounce, $1.25.

CHICORY.

French, *Chicoree*. German, *Chicoreumwortzel*.

Large Rooted or Coffee—Sown in drills, the roots become well developed. When they are dried, roasted or ground, they become the Chicory of commerce, and are used in adulterating coffee.

Packet, 5c.; ounce, 10c.; ¼ pound, 30c.; pound, $1.00.

Wild Chicory—The leaves are used for salads.

Packet, 5c.; ounce, 10c.; ¼ pound, 40c.; pound, $1.50.

DANDELION.


Cultivated for spring greens and for salad. Sow in May or June, in drills half an inch deep and twelve inches apart.

Large Thick-Leaved—Cultivated.

Packet, 5c.; ¼ pound, 30c.; pound, $1.00.
EGG PLANT.

Culture—One ounce will produce about 1,000 plants. Sow in hot-beds very early in the Spring, and transplant two or three feet apart, in very rich, warm ground. Hoe often, and hill up gradually till they blossom. For want of hot-beds, sow the seed in window-pots early in the Spring or later, in a warm, light, sheltered place.

New York Improved Large Oval Purple—The best variety in cultivation, being early, a sure cropper and of fine quality. Plants large, vigorous with light green leaves; fruit very large, oval, deep purple; flesh white, tender and of superior quality.
Packet, 10c.; ounce, 50c.; ¼ pound $1.75.
Black Pekin—Fruit globular, almost black, skin smooth; flesh white, fine grained and highly flavored.
Packet, 10c.; ounce, 40c.; ¼ pound, $1.50.
Early Long Purple—Earliest and most productive; fruit long, dark rich purple, and of fine quality.
Packet, 5c.; ounce, 35c.; ¼ pound, 75c.

ENDIVE.—LETTUCE.
French, Chicoree Endive. German, Endivien. Spanish, Endivia.

Price per Packet, 5 cents each.

Culture—One ounce will sow about 50 feet square. Sow in June to August, in shallow drills, twelve to fifteen inches apart, and thin one foot in the drills; when fully grown tie over the outer leaves of a few plants every week or ten days to blanch. Draw a little earth to the base of the plants. An open situation with rich, mellow soil, is most suitable.

Green Curled—Leaves curled; dark green, crisp and tender; early blanched.
Ounce, 20c.; ¼ pound, 60c.; pound, $2.00.
White Curled—Self-blanching; very fine flavored and tender.
Ounce, 25c.; ¼ pound, 75c.; pound, $2.50.
Green Broad-Leaved—Escarole—Leaves broad, light green and plain.
Ounce, 20c.; ¼ pound, 60c.; pound, $2.00.
White Broad-Leaved—Escarole.
Ounce, 20c.; ¼ pound, 60c.; pound, $2.00.

KALE OR BORECOLE.
French, Chou-vert. German, Blaetter Kohl. Spanish, Breton.

Culture—One ounce will produce about 2,000 plants. The Kales make excellent greens for winter and spring use. The Tall and Dwarf Green Curled are sown about the end of spring, and then transplanted and cultivated like cabbage. The Dwarf German Greens are hardy, and for spring use are sown as late as September in drills a foot apart, with slight protection stand the winter, and are improved rather than injured by frost. It will take from two to three pounds Dwarf German Greens Seed to sow an acre.

Tall Green Curled Scotch—A popular variety, very hardy, and much improved by frost.
Packet, 5c.; ounce, 15c.; ¼ pound, 40c.; pound, $1.25.

Dwarf Green Curled Erfurt—A sort of special excellence, being a very fine curled variety of yellowish green color, growing very close to the ground.
Packet, 5c.; ounce, 15c.; ¼ pound, 46c.; pound, $1.25.

Dwarf German Greens—Very hardy, leaves curled, highly flavored and of excellent quality; extensively grown for winter greens.
Packet, 5c.; ounce, 10c.; ¼ pound, 30c.; pound, $1.00.
KOHLRABI.

French, Chou Rave. German, Glas-Kohlrabi.
Spanish, Cal de Nabo.

The quality of our Kohlrabi Seed cannot be surpassed. Price per Packet, 5 cents each.

Culture—1 ounce will produce about 2,000 plants. Kohlrabi is in form not unlike a Globe-shaped Turnip. While young, the flesh is tender and delicate, possessing the combined flavor of the Cabbage and Turnip. Cultivation same as directed for cabbage, taking care to set the plants no deeper than they stood in the seed bed, and in hoeing, not to heap much earth about them.

Earliest White Erfurt—An excellent forcing variety, also good for open ground.
Ounce, 35c.; ¼ pound, $1.00; pound, 3.50.

Earliest White Vienna—The earliest and best for forcing; very tender; excellent for table use. Above ground.
Ounce, 35c.; ¼ pound, $1.00; pound, 3.50.

Earliest Purple Vienna—Differs from the Early White Vienna only in color, which is of a bluish-purple. Above ground.
Ounce, 35c.; ¼ pound, $1.00; pound, 3.50.

Large Green or White—Good open ground sort; stands long without becoming stringy. Above ground.
Ounce, 25c.; ¼ pound, 75c.; pound, $2.50.

LEEK.

French, Poirea. German, Lauch-Poivre.
Spanish, Puerro.

Price per Packet, 5 cents each.

Large Musselburgh or Scotch Champion—Leaves broad and tall, spread like a fan; hardy and of excellent quality. Ounce, 25c.; ¼ pound, 75c.; pound, $2.50.
Large London Flag—Broad leaves growing on both sides; of strong and vigorous growth; hardy.
Ounce, 25c.; ¼ pound, 75c.; pound, $2.50.

LETTUCE.

French, Laitue. German, Salat. Spanish, Lechuga.

Per Packet, 5 cents. Postpaid.

Culture—One ounce will produce about 2,500 plants. Lettuce to produce fine heads, wants good ground and moisture in abundance. Several sowings are required during the season. For an early crop, sow under glass in February, and transplant on a well-prepared bed in some sheltered place in April. For successional crops, sow in beds of well pulverized soil in March, and at intervals of about two weeks. The Hardy Green Winter and Brown Dutch varieties may be sown in September, in a dry sheltered situation, and if protected by a loose covering of straw and evergreen boughs, will stand the winter well.

CURLED VARIETIES.

Grand Rapids—As a distinctively forcing lettuce this variety undoubtedly stands at the head of the list, it originated at Grand Rapids, Mich., where it is largely grown for shipment to distant points and it is considered by many the best loose headed lettuce for forcing under glass. Leaves medium size, of light, yellowish-green color, much crimped and frilled, thin but of very upright growth; forms a fair sized but loose head; crisp, tender and of good quality. Owing to its upright habit it may be planted very closely. It is of extremely rapid growth; very little liable to rot; will stand, without spoiling, a week to ten days after it is set to cut, and retains its freshness a long time after cutting. It will stand shipping a longer distance than any other variety of this class and still be in good marketable condition.
Ounce, 25c.; ¼ pound, 75c.; pound, $2.50.

Black Seeded Simpson—An excellent forcing variety. In Chicago and other western cities, this is the most popular and best selling lettuce that can be grown. It differs from the Early Curled Simpson in being much lighter in color, the leaves being nearly white and attaining nearly double the size of that variety. It also stands the summer heat when grown outside. The quality is exceptionally fine.
Ounce, 20c.; ¼ pound, 60c.; pound, $2.00.

Early Curled Simpson—Very early; an excellent sort for forcing. An improvement on the Curled Silesia.
Ounce, 15c.; ¼ pound, 50c.; pound, $1.50.
LETTUCE.

**St. Louis Black Seeded Forcing**—This is the leading forcing variety with St. Louis Market Gardeners, and should be used by all who grow Head Lettuce for Market. It is the best for forcing under glass or early planting out doors. Plants medium size, having thick green leaves, and when well grown forming very compact solid heads, which blanch easily and are very crisp and tender.

Ounce, 20c.; ¼ pound, 50c.; pound, $2.00.

**Early Tennisball or Boston Market**—Forms a close, hard head, with a few outer leaves; a favorite forcing variety.

Ounce, 15c.; ¼ pound, 50c.; pound, $1.75.

**St. Louis Market**—One of the best for all purposes; we cannot too highly recommend it. A large, white cabbage variety, equally valuable for forcing or out of doors; very slow to run to seed; solid heading sort. Wherever tried has given perfect satisfaction.

Ounce, 20c.; ¼ pound, 60c.; pound, $3.00.

P. S. Co.'s **Early White Cabbage or Butter Lettuce**—This is our leading and standard sort and one of the best; heads large, solid, close and well formed, very tender, crisp and of excellent flavor, and always free from bitterness. Desirable for forcing and for out of doors.

Ounce, 20c.; ¼ pound, 60c.; pound, $3.00.

All the Year Round, or Black Seeded Butter—A hardly, crisp-eating and compact growing Cabbage Lettuce, with medium size, close heads of a dark green color; an excellent Lettuce all the year round.

Ounce, 15c.; ¼ pound, 50c.; pound, $1.75.

Royal Summer Cabbage or Drumhead Lettuce—Excellent for summer; color light yellow, leaves uniform, head well formed, good size, close and a little flattened.

Ounce, 15c.; ¼ pound, 50c.; pound, $1.75.

P. S. Co.'s **Standwell**—This lettuce will stand longer than any other known variety before running to seed. The heads are very large, firm and solid, yet extremely tender and delicious in flavor. Its heat and drought resisting properties are greater than those of any other lettuce.

Ounce, 20c.; ¼ pound, 60c.; pound, $2.00.

Yellow Seeded Butter Lettuce—Like the Standwell, 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.

Ounce, 20c.; ¼ pound, 60c.; pound, $2.00.

HEAD OR CABBAGE VARIETIES.

**Prize Head**—Plant large, deep green, so washed with red as often to appear more red than green; forming a head of a dense mass of leaves rather than one like a cabbage, and very slow to run to seed; leaves large, nearly round, frilled at the edge and densely blistered. They are exceedingly crisp, tender and good flavored.

Ounce, 15c.; ¼ pound, 50c.; pound, $1.75.

**Hanson**—One of the best; heads very large, solid, tender, crisp and of fine flavor. It stands the hot sun and drought better than most varieties. It is of a beautiful green outside and white within, and free from any bitter or unpleasant taste.

Ounce, 15c.; ¼ pound, 50c.; pound, $1.75.

**Golden Buttercup**—An improved Golden Yellow Stone-head, it is an excellent forcing variety, but is equally suitable for summer use, forming solid heads of bright citron-colored foliage, crisp, tender and delicate in flavor. Used extensively by market gardeners.

Ounce, 20c.; ¼ pound, 60c.; pound, $2.00.

**Large India**—Withstands summer heat better than most kinds; forms an immense solid head.

Ounce, 20c.; ¼ pound, 60c.; pound, $2.00.

**COS OR ROMAINE LETTUCE.**

**Paris Green Cos or Romaine**—Grows upright, with long, narrow and dark green leaves; requires tying up to blanch.

Ounce, 20c.; ¼ pound, 60c.; pound, $2.00.

**Paris White Cos or Romaine**—Similar to the above, with leaves of a lighter color.

Ounce, 20c.; ¼ pound, 60c.; pound, $2.00.

**WINTER LETTUCE.**

**Hardy Green Winter**—One of the very best winter varieties; very hardy and forms a solid head.

Ounce, 20c.; ¼ pound, 60c.; pound, $2.00.

**Brown Dutch Winter**—A very hardy sort; medium size, fine flavor.

Ounce, 20c.; ¼ pound, 60c.; pound, $2.00.
MUSK MELON.

Culture.—One ounce will plant 60 hills; two to three pounds in hills for an acre. Late in the spring drop a dozen seeds in hills, five or six feet apart; and when about to danger from Thistles, thin to three or four plants to the hill. When the plants have four or five rough leaves, pinch off the end of the main shoot, which will hasten the lateral branches and strengthen the growth of the vines, and the fruit will come to maturity earlier. When the stem will cleave from the fruit they have arrived at perfection.

Miller Cream Nutmeg.—The flesh is of a rich salmon color, very thick, sweet and melting in quality. The rind is very thin, slightly sutured and finely netted. They average about the size of the Golden Gem, but of handsomer shape and appearance. Vines grow strong and are very productive, covering the ground with fruit. They retain their bright, fresh appearance, and remain solid several days after being pulled.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

The Osage grows to medium size and is egg-shaped, as shown in our illustration. The skin is very thin, of dark green color, and slightly netted. The flesh is of a salmon color, remarkably sweet and spicy in flavor, extremely thick and delicious to the rind. The seed cavity is very small. All lovers and shippers of fine melons should plant the Osage.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

Golden Netted Gem.—One of the earliest, globular in shape, very uniform in size and weight, weighing from 1½ to 1¾ pounds each; flesh light green, and of a very fine flavor. Exceedingly productive, and will keep well for nearly a week after picking.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

Emerald Gem.—This most excellent musk melon is of superior flavor and quality; the skin is of an emerald green color and is quite smooth; they ripen early and produce well, being about the size of our Golden Gem; the flesh is light red or salmon, very thick, juicy and luscious in flavor.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

Early White Japan.—Very early, medium size; skin cream white; flesh thick, pale green, sweet and delicious.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

Early Hackensack.—This valuable variety is ready for market fully ten days ahead of the well-known Hackensack. The melons are of good size, weighing from five to ten pounds each.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

Hackensack.—Attains a large size, is round in shape, flattened at the ends; is of most delicious flavor, and wonderfully productive.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

Champion Market.—Very early. The melons are uniform in size, averaging about six pounds each. The flesh is thick, light green in color, and of rich, sweet flavor. An excellent shipper.

Ounce, 10c.; ¼ pound, 30c.; pound, 75c.

Montreal Market.—The fruit is nearly round, slightly flattened at the ends, deeply ribbed, skin green and netted. They grow to a very large, uniform size, averaging from fifteen to twenty pounds in weight. The flesh is green, very thick, and of good flavor for so large a melon.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.
MUSK MELON—Continued.

Bay View Cantaloupe—The largest, most prolific, best flavored and finest Cantaloupe in cultivation. It can be picked quite green, will ripen up finely, and carry safely for a long distance; flesh green, sweet and spicy.

Ounce, 10c.; $1/4 pound, 25c.; pound, 75c.

Acme or Baltimore Cantaloupe—The most popular variety in Baltimore, where it originated a few years since, and pronounced the finest shipping musk melon. It is quite early, strongly netted, thick, green flesh.

Ounce, 10c.; $1/4 pound, 25c.; pound, 75c.

Giant—This is a Giant amongst the Musk Melons. They are round in shape and of a light green color, turning cream-yellow when ripe. Skin is smooth with little netting. Flesh is a deep salmon color, thick and fine grained, very sweet and luscious. A distinct variety.

Ounce, 15c.; $1/4 pound, 50c.; pound, $1.75.

WATER MELON.

Culture—1 ounce to 40 hills; four to five pounds in hills to an acre. Drop, middle of spring, in hills six to eight feet apart, six to ten seeds, one inch deep, and thin to three best plants. Hoe often, and gradually hill up, and after the fruit appears cut off the extreme ends of the most luxurious shoots.

Price per Packet, 5 cents each, Postpaid.

Kolb Gem—This variety is more largely grown by Southern shippers than any other. The rind, though quite thin, is very tough, standing handling and shipment long distances without breakage. The flesh is bright red and of excellent flavor. All who have grown it agree in pronouncing it one of the largest, most productive, best keeping and shipping melons.

Ounce, 10c.; $1/4 pound, 25c.; pound, 75c.

Phinney’s Early—Very early; flesh bright red, sweet, tender and well flavored.

Ounce, 10c.; $1/4 pound, 25c.; pound, 75c.

Peerless—The best melon for general use. Vine vigorous, hardy, productive; fruit medium, oval, finely mottled, light and dark green, somewhat in stripes; rind thin; flesh bright scarlet.

Ounce, 10c.; $1/4 pound, 25c.; pound, 75c.


Mammoth Iron Clad—Grows to a very large uniform size, frequently weighing sixty pounds and over, and resembles in its markings the popular Cuban Queen. In shape and seed, however, it is quite distinct, being deeper and fuller at both ends, with seeds of drab-white color. They are enormous yielders, flesh very red, solid, and of excellent flavor. The rind is extremely tough and hard, hence the name, Iron-clad—rendering them valuable for shipping. Ounce, 10c.; $1/4 pound, 25c.; pound, 75c.

Cuban Queen—The largest and one of the best grown, often reaching 50 and sometimes 70 pounds; an excellent keeper; skin beautifully striped dark and light green. The flesh is red, solid, delicate in flavor and very sweet.

Ounce, 10c.; $1/4 pound, 25c.; pound, 75c.
WATER MELON—Continued.

Price per Packet, 5 cents each, Postpaid.

Florida Favorite—This variety is very early and one of the finest table melons extant; oblong in shape, and growing to very large size; rind dark with light green stripes; flesh light crimson, very crisp and deliciously sweet; seed rather small and of a light creamy-white color.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

The Boss—This is one of the first among the earliest; in shape, it is oblong and of nearly the same diameter throughout its entire length. Color very dark; flesh deep scarlet; rich in sugar, delicious melting flavor.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

Seminole—Extra early, enormously productive, large delicious flavor. It is of two distinct colors, gray and light green. Melons of both colors are exactly the same in size, shape, color of seed, flavor, etc., etc., and pronounced by competent judges as exactly the same melon in every respect. Flesh brilliant carmine, very solid, of rich melting flavor.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

Dark Icing Rind—This has become exceedingly popular wherever grown; oblong in shape, rind dark green, while seeded, of good size and very prolific; flesh dark red, melting and of fine flavor.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

Scaly Bark—The skin is dark green, quite smooth and has a peculiar scaly appearance. It is unusually productive, the average weight of the melon being forty or fifty pounds. The flesh is light crimson, solid, tender and of exquisite flavor. The rind, though quite thin, is remarkably tough.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

Pride of Georgia—This variety is striped light and dark green in color, oval in shape, an excellent shipping variety of large size. Flesh bright red, very crisp and sweet.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

Black Spanish—Earliest; round, skin dark green; flesh red, rich sugary flavor.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

Mountain Sweet—A large oval variety; flesh scarlet and quite solid; very sweet and delicious.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

Mountain Sprout—Fruit of large size, long oval shaped, flesh red, of excellent quality.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

Orange—The rind separates from the flesh when fully ripe; flesh red, tender and sweet.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

Citron—Flesh white and solid; used only for preserves

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.
MUSTARD.

1 ounce to about 80 feet of drill; ten pounds to sow one acre. For Salad and Greens, sow broadcast early in spring.

Price per Packet, 5 cents each.
Yellow or White London—Best for salad. Ounce, 10c.; ¼ pound, 25c.; pound, 50c.
Brown or Black—More pungent than the white. Ounce, 10c.; ¼ pound, 20c.; pound, 50c.
Chinese Curled—Leaves twice the size of the white, stems more succulent, of deeper green, flavor pleasantly sweet and pungent. Ounce, 15c.; ¼ pound, 40c.; pound, $1.25.

MARTYNIA, FOR PICKLES.
Sow in May, in the open ground, about three feet each way, where the plants are to remain.

MARTYNIA Proboscidea.
Packet, 5c.; ounce, 30c.; ¼ pound, 90c.; pound, $3.00.

OKRA OR GOMBO.

Price per Packet, 5 cents each.
1 ounce to about 80 hills. Sow about middle of spring, in drills, and thin the plants to a foot or more apart. Cultivated for its green seed pods, which are used in soups or stews; gather white young and tender, and for winter use slice into rings and dry on strings.

Long Green or Long White—Long ribbed pods. Ounce, 10c.; ¼ pound, 25c.; pound, 50c.
Improved Dwarf Green—Early and very productive; smooth pods. Ounce, 10c.; ¼ pound, 25c.; pound, 75c.
White Velvet—The pods of this variety are round and smooth, and are produced in the greatest abundance. Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

NASTURTUIUM or Indian Cress.
The young leaves are used as a salad, the green seeds for pickling. Flowers very ornamental.

Tall Yellow—The common sort.
Packet, 5c.; ounce, 15c.; ¼ pound, 50c.; pound, $1.50.

RELIABLE ONION SEEDS for 1894.

The American Onion Seed we offer is all grown from selected bulbs, every Onion examined before planting, and we believe it to be the best in the States. Anyone who plants 100 seeds, and gives them good care, may not only reasonably expect 90 good plants, but 90 good sown round Onions, unless they are sown too thick as to make it necessary to remove part of them. From the very great care we have taken with this article, our trade has been yearly increasing, and our Seed we offer this season is certain to give the same universal satisfaction, and it will pay as usual to sow P. S. Co.'s Reliable Onion Seed.

Beware of cheap seed; it is worse than worthless.

The Onion is usually a very profitable and satisfactory crop, and it is only occasionally that the market is overstocked and the prices low. It is useless, however, to try to grow Onions on a poor, unsuitable soil, or in a careless manner. Three days' neglect when the weeds are growing rapidly, will sometimes ruin a crop, and a week too late in sowing often makes the difference between a good and a bad harvest.

The Onion must have a clean and very rich soil. Use well rotted manure freely, and be sure to get the seed in as early as possible in the spring; no matter if it is ever so cold and unpleasant, for if Onions do not get a good growth before hot, dry weather, the crop may be a failure. Thin out early, and keep the soil mellow and clear of weeds. Sow in shallow drills, not less than a foot apart, and thin out when the young Onions are about the size of quills. In doing this, isturb those that remain as little as possible. In hoeing to destroy weeds and keep the ground mellow, do not cover the young bulbs with earth.

With proper manuring, Onions can be grown on the same land for many years.

To grow large, full size Onions, four to five pounds black seed should be sown to the acre. To raise Pickling Onions and Onion Sets, forty to fifty pounds of black seed are required per acre, and for this purpose the best varieties are the Yellow Danvers, Yellow Strassburg, Early Red, White Silver-skin and Round White Hard Dutch.

As Onions grow on top of the ground they may be allowed to remain pretty thick, no matter if they crowd each other, particularly if they are growing for sets.

For further information we recommend—How to Grow Onions, or the New Onion Culture, by F. Greiner, mailed postpaid upon receipt of 40 cents.

P. S. Co.'s Special Prices for Onion Seed.
Express or Freight Charges to be Paid by the Purchaser.

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<thead>
<tr>
<th>5 lb. lots and 10 lb. lots and over per lb.</th>
<th>5 lb. lots and 10 lb. lots and over per lb.</th>
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<tr>
<td>Wethersfield Large Red...... $1.75</td>
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<td>Extra Early Red Flat........ 1.75</td>
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<td>Early Red Globe............. 2.00</td>
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<td>Large Red Globe.............. 2.00</td>
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<tr>
<td>Danvers Yellow.............. 1.75</td>
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<td>Danvers Yellow Globe........ 1.75</td>
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<td>Yellow Dutch or Strassburg... 2.00</td>
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<tr>
<td>Yellow Giant or Prizetaker.... $2.50</td>
<td>$2.25</td>
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<td>Extra Early White Pearl...... 2.75</td>
<td>2.60</td>
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<td>White Portugal or Silver Skin.. 2.25</td>
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<td>White Globe.................. 2.25</td>
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<td>Round White Hard Dutch........ 2.25</td>
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<tr>
<td>El Paso or New Mexican........ 2.75</td>
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<td>White Mammoth Silver King...... 2.75</td>
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For smaller quantities and description see following pages.
ONION.

French, Oignon. German, Zwiebel. Spanish, Cebolla.
Per Packet, 5 cents each, Postpaid.

Large Red Wethersfield—This is the favorite onion, where immense crops are grown for shipment. It is very productive, the best keeper in cultivation, of large size, skin deep, purplish red; shape round, somewhat flattened; strongly flavored, with purplish white flesh, and moderately fine grained. The most popular onion for family use and general cultivation.

Ounce, 20c.; ¼ pound, 60c.; pound, $2.00.

Extra Early Red Flat—Ten days to two weeks earlier than the Large Red Wethersfield, of medium size and deep red color, an abundant producer, and of good form and flavor, keeping well. It is well adapted to the cold, mucky soils of the North and Northwest, where other varieties fail to produce full-sized onions.

Ounce, 20c.; ¼ pound, 60c.; pound, $2.00.

Early Red Globe—A new variety, maturing as early as the Extra Early Flat Red, but of a beautiful globe shape; skin deep red, flesh mild and tender; an excellent keeper and very desirable for market use. We recommend it highly for the Northern States.

Ounce, 30c.; ¼ pound, 65c.; pound, $2.25.

Large Red Globe—Matures nearly as early as the flat sorts. It grows to a large size, skin deep red, flesh fine grained and is particularly mild and tender. A good keeper, and considered one of the best of the red onions.

Ounce, 20c.; ¼ pound, 60c.; pound, $2.25.

Red Bermuda—This is the well-known large onion of commerce, particularly adapted for the south; bulbs grown in this country are equal in size to imported ones; the seed we offer is genuine and select.

Ounce, 20c.; ¼ pound, 65c.; pound, $2.25.

Creole or Louisiana—Largely grown in the Southern States where it gives much satisfaction; should be sown in the fall, transplanted and the large onion will be ready for shipment in April. An excellent keeper; skin light red.

Ounce, 25c.; ¼ pound, 75c.; pound, $2.50.

Extra Early White Pearl—This remarkable Onion is the earliest and the best of all the white varieties. It grows to an enormous size and shape, of pearly white color, the outer skin having a most showy, waxy appearance, flesh of a pure snow white, and flavor so mild that it can be eaten like an apple. It grows with wonderful rapidity, reaching a fine, large size the first season from seed.

Ounce, 30c.; ¼ pound, 90c.; pound, $3.00.

El Paso or Large Mexican—This variety grows to an enormous size, often weighing from two to three pounds. Skin and flesh white, flavor very mild.

Ounce, 30c.; ¼ pound, 90c.; pound, $3.00.
ONIONS—Continued.

White Portugal or White Silver Skin—The most popular white Onion grown, and very desirable for family use. Our white Onion sets are grown from seed from this variety. Flavor mild and pleasant, skin and flesh pure white. Ounce, 30c.; ¼ pound, $1.00; pound, $3.50.

White Globe—This is one of the finest onions in cultivation, both in appearance and quality. It is large, globe-shaped, firm, fine grained and of excellent flavor, and commands a higher price in the market than any other white onion grown. Its skin is pure white, and its keeping qualities particularly good. Ounce, 30c.; ¼ pound, $1.00; pound, $3.50.

Early Round White Hard Dutch—An excellent pickling Onion; small, round, hard and white, surpassing every other variety for this purpose. This variety needs to be planted thickly at the rate of 60 pounds per acre to produce the small pickling size. Ounce, 25c.; ¼ pound, 75c.; pound, $2.50.

Yellow Giant Globe or Prizetaker.

The Handsomest, Largest Yellow Globe Onion.
An excellent keeper, of finest flavor, handsome shape and enormous size. It is of the same type as those immense imported Onions. It grows always to a perfect globe shape, with bright straw colored skin; the necks are very small and the onions always ripen up hard. Ounce, 25c.; ¼ pound, 85c.; pound, $8.75.

Danvers Yellow—This fine variety is a thick, flat, heavy, straw-colored Onion, mild flavored, and yields most abundantly, ripens early and keeps equal to the best. Ounce, 20c.; ¼ pound, 65c.; pound, $3.25.

Danvers Yellow Globe—Distinct in form, being nearly globular; of a beautiful silver yellow color, mild flavor and good keeper. It is the earliest yellow variety, and very productive, in fact, it is all that could be desired as a table or market onion. Sow our strain of Yellow Globe Danvers, if you want a big crop. Ounce, 20c.; ¼ pound, 65c.; pound, $3.25.

Yellow Dutch or Strassburg—Flat shaped, excellent flavored. The best variety for yellow Onion sets. Ounce, 20c.; ¼ pound, 65c.; pound, $3.25.
ITALIAN ONIONS. These varieties grow to a very large size in strong soil. May be sown as early as February or March, and should be transplanted, and their rapid growth will produce a splendid crop early in the year. They are of mild flavor, and much liked by all who have grown them.

Red Giant Rocca—A splendid large Onion of globular shape, light brown skin, and of delicate flavor. Ounce, 20c.; $ pound, 60c.; pound, $2.00.

Yellow Giant Rocca—This variety is as large as the Red Rocca, which it resembles in every respect except that the skin is of a beautiful rich, yellow color. Ounce, 30c.; $ pound, 60c.; pound, $2.00.

Neapolitan Marzajola—A beautiful white-skinned variety; a good keeper. In the South the seed can be sown in the autumn, and large onions produced in March.

Ounce, 20c.; $ pound, 60c.; pound, $2.00.

Price per Packet, 5 cents each.

WHITE MAMMOTH SILVER KING.

This mammoth variety is one of the largest in cultivation, averaging from 15 to 20 inches in circumference, and often weighing 2½ to 4 pounds each. It matures early and is of uniformly large size and fine shape, being flattened, but very thick. The skin is of a beautiful silver-white, flesh snowy and tender, of a mild, sweet flavor. We know of no variety of this vegetable which has attracted so much attention as this. Its striking size and handsome appearance, as well as mild flavor, recommend it for exhibition at fairs, for the fancy market, as well as the home table.

Ounce, 30c.; $ pound, 60c.; pound, 5.00.

PARSLEY.


Culture—1 ounce will sow 150 feet drill. Sow early in spring after soaking the seed a few hours in warm water, in rows one foot apart. Used for garnishing and for seasoning. Remove some plants to light cellar to have them green through winter.

Price per Packet 5 cents.

Plain Parsley—Leaves dark green, plain, longer than the Curled, and better flavored for seasoning.

Ounce, 10c.; $ pound, 25c.; pound, 75c.

Curled or Double—Leaves yellow with green, very beautifully curled; used as a garnish for the table.

Ounce, 10c.; $ pound, 25c.; pound, 75c.

Moss Curled or Myatt’s Garnishing—The leaves are very finely curled and moss like; a good variety.

Ounce, 10c.; $ pound, 30c.; pound, $1.00.

Hamburg or Turnip Rooted—A fleshy-rooted kind; the roots are used for flavoring soups, etc.

Ounce, 10c.; $ pound, 30c.; pound, $1.00.

RHUBARB.

French, Rhubarbe. German, Rhabarber.

1 ounce will produce about 800 plants. Sow in drills, one foot apart, early in spring. In the fall or next spring, transplant to three feet apart. Stalks used for pies, tarts, etc.

Early Tobolsk—Earliest; fine flavor, very red color; a good variety.

Packet, 5c.; ounce, 20c.; $ pound, 60c.; pound, $2.00.

Myatt’s Victoria—Very large, rich flavor, and in high estimation.

Packet, 5c.; ounce, 20c.; $ pound, 60c.; pound, $2.00.

Giant White Tripoli—Grows to an enormous size, especially in the South. White skin, flat and of mild flavor.

Ounce, 20c.; $ pound, 60c.; pound, $2.00.

White Queen—An early variety; white, small and of fine flavor. Size of Onion about two inches in diameter.

Ounce, 35c.; $ pound, 75c.; pound, $2.50.

White Barletta—This variety is at least two weeks earlier than the Queen; skin white; flesh very mild in flavor and snowy white. The bulbs are one and a quarter inches in diameter; beautifully rounded and flattened at the top.

Ounce, 25c.; $ pound, 75c.; pound, $2.50.

Price per Packet, 5 cents each.

PARSNIP.


Culture—1 ounce will sow about 150 feet drill, four to five pounds in drills to the acre. Spade the soil deep and sow early in the spring in fifteen inch drills, and thin to 8 inches apart. Keep the ground free from weeds, and the surface open by frequent deep stirring with the hoe.

Long Smooth White—Long white; smooth, no side roots; tender and excellently flavored.

Ounce, 10c.; $ pound, 25c.; pound, 75c.

Large Sugar or Hollow Crown—The best variety in cultivation; roots 10 to 15 inches long, white, smooth, tender, sugary, excellent flavor.

Ounce, 10c.; $ pound, 25c.; pound, 75c.

RAPE—For Greens.

Fr., Colza. Ger., Raps.

Span., Col.

Sow early in the spring, in drills or broadcast, and also in September, to stand in open ground over winter, with but slight protection; affording abundance of fine greens very early in spring; in some localities it is largely cultivated for its seed, which is fed extensively to birds.

Ounce, 10c.; $ pound, 25c.; pound, 50c.
PEPPER.

French, Piment. German, Spanischer Pfeffer. Spanish, Pimiento.

Price per Packet, 5 cts. Postpaid.

Squash or Tomato Shaped—Fruit more or less ribbed. Color, red; flesh, thick, mild and pleasant to the taste.
Ounce, 30c.; ¼ pound, $1.00.

Golden Dawn—Color, bright golden yellow; very brilliant and handsome; entirely exempt from fierce flavor; seeds and pulp may be chewed without detecting the slightest smartly taste.
Ounce, 30c.; ¼ pound, $1.00.

Long Red Cayenne—Long, red, hot and pungent; dwarf growth.
Ounce, 25c.; ¼ pound, 85c.

Cherry Red—Red, round, very hot, and a great bearer.
Oounce, 30c.; ¼ pound, $1.00.

Cherry Yellow—Resembling the above, except in color, which is bright yellow.
Oounce, 30c.; ¼ pound, $1.00.

Chili—In growth like the Cayenne, but smaller and later; used for pepper sauce.
Oounce, 30c.; ¼ pound, $1.00.

PUMPKIN.


Price per Packet, 5 cts. each.

Tennessee Sweet Potato Pumpkin—Grows to a medium size, pear shaped, a little ribbed, color creamy white, sometimes lightly striped with green; flesh thick, creamy-white, remarkably fine grained, dry and brittle, and of most excellent flavor. True.
Oounce, 10c.; ¼ pound, 25c.; pound, 75c.

Cushaw (Crooked Neck)—Solid flesh, fine and sweet; keeps well.
Oounce, 10c.; ¼ pound, 25c.; pound, 75c.

Large Cheese—Flat shaped; flesh yellow, fine grained and sweet.
Oounce, 10c.; ¼ pound, 25c.; pound, 60c.

Mammoth Tours—Grows to an immense size, often weighing over one hundred pounds.
Oounce, 15c.; ¼ pound, 50c.; pound, $1.75.

Kentucky Field—Large, round, a little ribbed, soft shell; salmon color, productive and best for stock feeding.
Oounce, 10c.; ¼ pound, 20c.; pound, 50c.

Connecticut Field—A large yellow variety, hard shell; excellent for field culture.
Oounce, 10c.; ¼ pound, 20c.; pound, 50c.

Oyster Plant or Salsify.

Oyster Plant—"Mammoth Sandwich Island"—This variety is of enormous size, being at least twice as large as the ordinary sort; it is very tender and delicious, and resembles a good sized parsnip.
Oounce, 15c.; ¼ pound, 50c.; pound, $1.75.

Scorzonera or Black Oyster Plant—Root black before cooking.
Oounce, 15c.; ¼ pound, 40c.; pound, $1.50.

Culture of Salsify—Sow early in spring, in drills fourteen inches apart, and thin to two inches apart. Cultivate same as Carrots or Parsnips. It assimilates closely to the taste and flavor of the oyster, when boiled, mashed and fried in butter. Gather what may be wanted for the winter, and let the balance stand in the ground for next spring's use.
One ounce to about 100 feet of drill; eight to ten pounds for an acre. The soil for Radishes should be very rich, light and mellow, well broken by digging, as their tender and mild qualities depend much upon their rapid growth. For very early use sow on gentle hot-beds in February, and in the open air as soon as the ground can be worked, at intervals of ten or twelve days for a succession, as long as they may be wanted. The Turnip-rooted and the Olive-Shaped are the best for sowing in the summer. The winter varieties should be sown in August, and lifted before severe frost and stored in the cellar.

Early Long Varieties.

Early Short-Top Long Scarlet—The standard sort grown for private gardens and for market.
Ounce, 10c.; 1/4 pound, 25c.; pound, 75c.

Market Gardener’s Early Long Scarlet Short-Top—An excellent strain and improved variety of the above. It is fully six days earlier, has a shorter and more compact top. In shape it is somewhat shorter and thicker. In color the upper portion is of unusually deep brilliant red, which gradually shades to a deep, waxy pink towards the tip. Gardener’s everywhere should plant this fine strain. No other can equal it.
Ounce, 10c.; 1/4 pound, 25c.; pound, $1.00.

Wood’s Early Frame—In shape between Olive and Long; excellent for forcing; very early. A favorite with market gardeners. Color scarlet, fine flavor.
Ounce, 10c.; 1/4 pound, 25c.; pound, 75c.

Early Half-Long Deep Scarlet—This variety is very popular. They are of rapid growth, with deep, rich, scarlet skin, white flesh, very tender and crisp.
Ounce, 10c.; 1/4 pound, 30c.; pound, $1.00.

Early Long White Lady Finger Radish—This is unquestionably the finest Long White Radish in cultivation. Shape handsome; color beautiful; snow white. It is of very rapid growth, and its flesh is remarkably crisp, brittle and tender.
Ounce, 15c.; 1/4 pound, 50c.; pound, $1.50.

Non Plus Ultra, Earliest Scarlet Turnip—This is unquestionably the earliest forcing Radish extant. It grows very rapidly, and is fit for use within three weeks from the time of sowing; very short top, flesh tender and of delicate flavor.
Ounce, 15c.; 1/4 pound, 40c.; pound, $1.25.
RADISHES—Continued.

Early Round—Shaped Sorts. Continued.

Early Scarlet Turnip, White Tipped.

Philadelphia White Box.

Early Scarlet Turnip, White Tipped—Very early; color bright scarlet, tipped with white; an excellent market variety; fine for forcing.
Ounce, 10c.; ¼ pound, 30c.; pound, $1.00.

The Gem—Extra Scarlet Turnip, White Tipped—In earliness it surpasses the Early Scarlet Turnip White Tipped, and is admirably adapted for forcing under glass, on account of the small size of foliage. The white tip is sharply delineated, and gives a fine appearance to the bunches ready for marketing.
Ounce, 15c.; ¼ pound, 40c.; pound, $1.25.

Philadelphia White Box—An early white turnip Radish, with remarkably short top, rapid growth, perfect turnip shape, extra fine quality, and showing no disposition whatever to become pithy with age, but on the contrary remains juicy and solid long after fully grown.
Ounce, 15c.; ¼ pound, 40c.; pound, $1.25.

Early White Turnip—In form like the Early Scarlet Turnip; color white; excellent flavor.
Ounce, 10c.; ¼ pound, 30c.; pound, $1.00.

Early Yellow Turnip—Early; round, golden yellow; good quality. Ounce, 10c.; ¼ pound, 30c.; pound, $1.00.

Summer Varieties.

St. Louis White Summer—This valuable variety is now the most popular Summer Radish grown. It is of handsome tapering shape, pure white and almost transparent, tender and of pungent taste.
Ounce, 15c.; ¼ pound, 40c.; pound, $1.25.

White Delicacy Summer—This is a very early, semi-long, snow white variety, root quite smooth, crisp and tender. We recommend it to Market Gardeners for a trial.
Ounce, 15c.; ¼ pound, 40c.; pound, $1.25.

Summer Varieties—Continued.

Chartier, or Long Rose, White Tipped—Exceedingly handsome and attractive, being of a deep crimson color at the top, and blending off to almost white at the bottom; very tender. A good summer variety.
Ounce, 15c.; ¼ pound, 40c.; pound, $1.25.

White Summer Turnip—An excellent summer sort; best to stand the heat; can be sown late; a general favorite with market gardeners; large, oblong, russet color. Select quality.
Ounce, 10c.; ¼ pound, 30c.; pound, $1.00.

Long White Summer or Naples—Large and long; excellent for summer.
Ounce, 15c.; ¼ pound, 40c.; pound, $1.25.

Golden Yellow Globe Shaped, or Yellow Summer Turnip—An excellent summer sort; best to stand the heat; can be sown late; a general favorite with market gardeners; large, oblong, russet color. Select quality.
Ounce, 10c.; ¼ pound, 30c.; pound, $1.00.

Fall and Winter Sorts.

Long Black Spanish or Fall—One of the hardiest and best for winter use.
Ounce, 10c.; ¼ pound, 30c.; pound, $1.00.

Round Black Spanish or Fall—Sow about the last of summer—for fall and winter use. Grows to a large size; quite solid.
Ounce, 10c.; ¼ pound, 30c.; pound, $1.00.

Long White Spanish or Fall—Very large size and firm texture.
Ounce, 10c.; ¼ pound, 30c.; pound, $1.00.

Round White Munich or Fall—An excellent white winter sort; very fine and long keeping.
Ounce, 10c.; ¼ pound, 30c.; pound, $1.00.

California White Mammoth—Eight to twelve inches long, and about two and a half inches thick; flesh white, solid and tender. A very good fall variety.
Ounce, 15c.; ¼ pound, 40c.; pound, $1.25.

Rose Colored China Winter—Very popular with market gardeners. Form conical, very smooth; bright rose color; large size, firm and tender; flesh of fine flavor.
Ounce, 10c.; ¼ pound, 30c.; pound, $1.00.

White China Winter—Similar to above except in color.
Ounce, 15c.; ¼ pound, 40c.; pound, $1.25.

Round Scarlet China—A new round China Winter Radish of a fine scarlet color, medium size, about 3 inches in diameter; the flesh is a pure white and of a pleasant flavor. The seed may be sown at intervals from spring until fall. An extra good sort.
Ounce, 20c.; ¼ pound, 60c.; pound, $2.00.
SPINACH.

French, Épinard.  German, Spinat.  Spanish, Espinaca

Special prices given on large quantities.

Price per Packet, 5 cents each.

Culture—One ounce will sow sixty feet of drill; ten to twelve pounds in drills for an acre. The main crop is sown in September. It is sometimes covered up in exposed places with straw or salt hay during the winter, which prevents it from being cut with the frost; but in sheltered fields there is no necessity for covering. For summer use it may be sown at intervals of two or three weeks, from April to August. Spinach is best developed and most tender and succulent when grown in rich soil.

Bloomdale Curled Savoy Leaved—A variety highly popular among market gardeners. The leaf of this variety is wrinkled in the same manner as the Savoy Cabbage. It is very hardy and produces nearly twice the weight of the old varieties in crop, the leaves being very numerous and succulent.

Ounce, 10c.; ¼ pound, 20c.; pound, 50c.

Round, Thick-Leaved—Excellent market sort; equally good for spring and fall sowing; leaves large, thick and fleshy.

Ounce, 10c.; ¼ pound, 15c.; pound, 40c.

Long Standing—The leaves are thick, fleshy and crumpled, equal to the Bloomdale Curled Savoy leaved and standing at least two weeks longer than any other variety without running to seed, making it invaluable for spring sowing.

Ounce, 10c.; ¼ pound, 15c.; pound, 40c.

Prickly or Fall—Triangular, arrow shaped leaves; one of the hardest and generally used for fall planting.

Ounce, 10c.; ¼ pound, 15c.; pound, 40c.

New Zealand—Its superiority over other varieties consists in its luxuriant growth of succulent leaves which can be cut through the entire summer.

Ounce, 15c.; ¼ pound, 40c.; pound, $1.25.

SQUASH.

French, Courge.  German, Speise Kuerbis.  Spanish, Calabaza Tomatana.

Price per Packet, 5 cents each.

One ounce will plant 30 to 40 hills (depending on size of seed), 4 to 6 pounds to the acre. Sow about the middle of spring, in hills, the early sorts about four feet apart and the late varieties six to eight feet. Drop enough seed to be thinned to three plants in a hill. The hills should be highly manured, and prepared in a similar manner as those for cucumbers.

Bush Scallop.

Early White Bush Scallop, or White Patty-Pan—Light cream color; large, flat, scalloped shaped; grows to a large size.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

Early Yellow Bush Scallop, or Yellow Patty-Pan—Orange, yellow color; flat, scalloped shape; smooth rind.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

White Pine Apple—Very peculiar and distinctive in shape. The blossom end of the Squash is smooth and rounded, the stem end blunt and serrated. The color of the skin is a pure, creamy-white.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

Early Bush, Summer Crookneck—Very productive; small crooknecked, with water excrescences; color, yellow; shell very hard when ripe.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

Hubbard—The leading Squash for fall and winter use; good in any climate; hard skinned, splendid keeper, flesh dark yellow, fine grained, very dry, sweet and rich.

Ounce, 10c.; ¼ pound, 25c.; pound, 75c.

Mammoth Chili—This is the largest variety known, and in rich soil often grows to the weight of 150 to 200 pounds.

Ounce, 20c.; ¼ pound, 60c.; pound, $2.00.

SEA KALE.

French, Crabe Maritime.  German, Meerkokh.

Cultivated for its blanched shoots. Sow one inch deep, in drills two feet apart, thin out to six inches, and the next spring plant in hills three feet apart.

Ounce, 20c.; ¼ pound, 60c.; pound, $2.00.
**TOMATO.**


**Price per Packet, 5 cents each.**

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**The Stone.**

The fact of this Tomato coming from the same originator of such excellent varieties as the Paragon, Livingston, Beauty, Acme and Perfection, is of itself sufficient recommendation to strongly endorse it. In describing it we cannot do better than to quote the following from the originator, who writes: "The Stony Tomato ripens for main crop; is very large, and of bright scarlet color; very smooth, with occasionally a specimen very slightly octagon-shaped; ripening evenly to the stem without a crack; exceedingly solid and firm-flushed (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."

**Acme.**—One of the earliest and handsomest; very productive; fruit of medium size; form perfect, round, very smooth; color dark purplish red; bears continually until frost; delicious in flavor, no core; a splendid market and canning variety.

**Livingston’s Favorite.**—One of the largest, perfect shaped Tomatoes in cultivation; smoother than the Paragon, darker red than the Perfection, ripens evenly and as early as any good variety; holding its size to the end of the season; very prolific; bears shipping long distances.

**Livingston’s Beauty.**—This highly esteemed variety grows in clusters of four or five large fruits (on a strong vine), retaining its large size very late in the season. It ripens with the Acme or Perfection, which are as early as any good varieties. It is free from rot, and for shipping and early market it cannot be excelled, on account of its solidity, toughness of skin, and especially on account of its color, as it can be picked quite green, and will look well and ripen up nicely, while all strictly red varieties have a yellowish shade until quite ripe. It is a perfect beauty.

**Culture.**—One ounce will produce about 1,500 plants; one-quarter pound to transplant for an acre. Extensively grown near the large markets, where its high price early in the season is a great inducement to market gardeners to undertake to produce an early crop. For early use sow in February or March, in boxes or pots, and place near a window or in a hot bed. When about two inches high, prick them out singly in small pots, and nurse carefully in frames, and when the danger of frost is past, plant them out in a sheltered situation, where they may have the full influence of the sun. To hasten the maturity of the first fruit which sets, pinch off the extremities of the tops and all the secondary shoots which afterwards appear above the flowers.

**The Beauty.**

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**Livingston’s Perfection.**—Very large and very early; color blood red; perfectly smooth; has few seeds, is a good shipper and excellent for canning.

**Mayflower.**—This is the earliest large Tomato we know, and of splendid shape, perfectly smooth, of a bright red color, and ripens uniformly up to the stem. The flesh is solid, free from seeds, and of a pure, rich flavor; in productiveness it is unequaled.

**Paragon.**—An excellent variety. In color it is of a bright glossy crimson, while in all other respects it is similar to the Acme.
Dwarf Champion—This is one of the most distinct and valuable Tomatoes of recent introduction. The foliage has a peculiar corrugated appearance, and is of a very dark green color. It is very early and wonderfully prolific. The fruit is of a glossy, dark purplish red, of medium size, perfectly round and smooth, and coutains so few seeds that it is really more "meaty" than many Tomatoes twice the size.

Ounce, 25c.; ½ pound, 80c.; pound, $3.75.

Atlantic Prize—One of the EARLIEST OF ALL; not only ripens its FIRST FRUITS but a LARGE PROPORTION of the crop earlier, being valuable to all with whom EARLINESS is an object. Ounce, 25c.; ½ pound, 80c.; pound, $3.75.

Mayflower—This is the earliest large Tomato we know and of splendid shape, perfectly smooth, of a bright red color, and ripens uniformly up to the stem. The flesh is solid, free from seeds, and of a pure, rich flavor; in productiveness it is unexcelled.

Ounce, 25c.; ½ pound, 80c.; pound, $3.75.

Ignotum—This is one of the earliest and finest market Tomatoes grown. Very large, smooth, extraordinarily solid, very productive and ripens uniformly, the last pickings being scarcely inferior to the best of the season. It is of a very handsome, deep red color, ripens perfectly up to the stem, and remarkably free from cracking and rotting.

Ounce, 25c.; ½ pound, 80c.; pound, $3.75.

MANSFIELD TREE TOMATO.

Mansfield Tree Tomato—(Description as given by originator.) This variety has been originated by careful selections and special methods until it has attained the height of ten feet for the tree and a weight for a single Tomato of 30 ounces and 8 inches in diameter, with testimonials of over 60 pounds of ripe fruit to a single tree of a quality that surpasses all others. Fruit ripens from July 4th until frost; they are as solid all the way through as a hard boiled egg, and but few seeds in a Tomato. The fruit is very similar to Henderson's Ponderosa. Pkt. 10c.; ounce, 50c.

Ponderosa—In growing it we have found it of immense size, solid, almost seedless, and of good sub-acid flavor. The single fruits were large, but somewhat scattered on the vine, and did not yield near so much as the Beauty. Quite a large percentage of the fruits were too rough to please growers of the strictly smooth kinds, especially for large growers to use as a main crop.

Pkt. 10c.; ounce, 50c.

The Trophy—Well-known; large, shiining red; smooth; solid; very prolific and fine flavored.

Ounce, 25c.; ½ pound, 80c.; pound, $3.75.

Yellow Pear-shaped—A good pickling sort; fruit handsome and solid.

Ounce, 25c.; ½ pound, 90c.; pound, $3.00.

Yellow Plum—Shape uniformly oval and perfectly smooth; color lemon yellow; used for preserves.

Ounce, 25c.; ½ pound, 90c.; pound, $3.00.

Red Cherry—A small, round, red Tomato of the shape and size of a cherry; fine for pickling and preserves.

Ounce, 25c.; ½ pound, 90c.; pound, $3.00.

Yellow Cherry—In form and shape same as above; color bright yellow.

Ounce, 25c.; ½ pound, 90c.; pound, $3.00.

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.; Ounce, 40c.

TOBACCO SEED.

Culture—The seed should be sown very early in the spring, and as early as possible after the danger of frost is over. When the plants are about six inches high, transplant into rows four feet apart each way, and cultivate thoroughly with plow and hoe.

Connecticut Seed Leaf—This variety is a staple crop.

Ounce, 25c.; ½ pound, 75c.; pound, $2.50.

Yellow Prior—A good variety for bright, yellow grades.

Ounce, 25c.; ½ pound, 75c.; pound, $2.50.

Big Oronoko—A favorite Virginia variety.

Ounce, 25c.; ½ pound, 75c.; pound, $2.50.

Price per Packet, 5 cents each.

Culture—One ounce to 100 feet drill; one and a half pound to sow one acre. For spring crop sow the Early Munich or the Extra Early Milan or the Flat Dutch as early as the seed can be got into the ground, in fourteen-inch drills, and thin to five or six inches. For the fall and main crop, sow from the middle of July to the middle of September, in drills, as directed for the spring sowing. In the field, turnips are more generally sown broadcast, though much the largest crops are obtained by drill culture.

**Extra Early Purple Top Milan**—This strap-leaved variety is fully a week earlier than the Munich, which has heretofore been considered the very earliest. It is of medium size and flat shape; pure, white flesh of excellent flavor; very small top and a good keeper. *True.*

Ounce, 15c.; ½ pound, 25c.; pound, $1.00.

**Early Purple Top Munich**—A German variety, remarkably handsome; very early, with a bright, purplish, red top, and a fine mouse-tail root; very distinct and valuable.

Ounce, 10c.; ½ pound, 22c.; pound, 75c.

**Early Flat Dutch, or White Top Strap-Leaved**—Standard variety, good marketable size, pure white, small top, with but few strap-shaped leaves.

Ounce, 10c.; ½ pound, 20c.; pound, 50c.

**White Egg**—A quick growing fall turnip; should be sown in August; oval or egg-shaped; flesh very firm and fine grained; flavor mild and sweet.

Ounce, 10c.; ½ pound, 20c.; pound, 50c.

**Long White or Cow Horn**—Flesh white, fine grained and sweet; used mostly for stock feeding.

Ounce, 10c.; ½ pound, 20c.; pound, 50c.

**Large White Globe**—A very large, globe-shaped variety; one of the best varieties for stock.

Ounce, 10c.; ½ pound, 20c.; pound, 50c.

**Large Yellow Globe**—Large, handsome, globular shape; very valuable for table use or stock.

Ounce, 10c.; ½ pound, 20c.; pound, 50c.

**American Yellow-Purple Top Rutabaga**—Very hardy and productive; flesh yellow, solid, sweet and fine-flavored; equally good for stock and table use.

Ounce, 10c.; ½ pound, 20c.; pound, 50c.

**Kitching's Yellow-Purple Top Rutabaga**—Flesh yellow, of solid texture; a very popular variety.

Ounce, 10c.; ½ pound, 20c.; pound, 50c.

**Large White French Rutabaga**—Flesh firm, white and solid; has a very rich and sweet flavor.

Ounce, 10c.; ½ pound, 20c.; pound, 50c.
SEEDS FOR SWEET HERBS, ETC.

Aromatic Herbs are those which possess medicinal as well as culinary properties, and should be found in every garden. They impart a pleasant, spicy odor, and are quite savory to the taste. To secure the herbs for use, cut them on a sunny day, and spread thinly in the shade to dry.

<table>
<thead>
<tr>
<th>Plant</th>
<th>Pkt.</th>
<th>Oz.</th>
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</thead>
<tbody>
<tr>
<td>Anise (Ger., Anis)</td>
<td>5</td>
<td>15</td>
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<tr>
<td>Balm (Ger., Melisse)</td>
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<tr>
<td>Basil Sweets (Ger., Basilicum)</td>
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<td>Benez</td>
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<td>Borage (Ger., Gurkenkraut)</td>
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<td>Caraway (Ger., Kummel)</td>
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<td>Chervil (Ger., Kerbel)</td>
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<td>Coriander (Ger., Korander)</td>
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<tr>
<td>Dill (Ger., Dill)</td>
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<td>Fennel (Ger., Pfenikel)</td>
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<td>15</td>
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<tr>
<td>Hoarhound</td>
<td>5</td>
<td>25</td>
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<tr>
<td>Lavender (Ger., Spiklavendel)</td>
<td>5</td>
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<thead>
<tr>
<th>Plant</th>
<th>Pkt.</th>
<th>Oz.</th>
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<tbody>
<tr>
<td>Marjoram, Sweet (Ger., Majoran)</td>
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<tr>
<td>Pimpernell (Ger., Pimprenelle)</td>
<td>5</td>
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<td>Rosemary (Ger., Rosmarin)</td>
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<tr>
<td>Rue (Ger., Rautle)</td>
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<td>Sage (Ger., Salbei)</td>
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<td>Safron (Ger., Safran)</td>
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<tr>
<td>Summer Savory (Ger., Bohnenkraut)</td>
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<tr>
<td>Garden Sorrel (Ger., Sauerampfer)</td>
<td>5</td>
<td>25</td>
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<tr>
<td>Sweet Thyme (Ger., Thymien)</td>
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<tr>
<td>Tarragon (Ger., Estragou)</td>
<td>25</td>
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<tr>
<td>Wormwood (Ger., Wormsalz)</td>
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<tr>
<td>Woodroof (Waldmeister)</td>
<td></td>
<td>10</td>
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</tbody>
</table>

MUSHROOM SPAWN.

French, Blanc de Champignon. German Champignonaut.

English Mushroom Spawn in Bricks. Per pound 20c.; 10 pounds, $1.75. If by mail, add 10 cents per pound to prepay postage.

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

Collect fresh horse droppings, spread them out in an airy shed to dry, and turn them frequently. When in a proper state as to dryness, which will soon be learned by experience, add one huscil Mellow Loam to each two bushels horse droppings, make these into a bed from nine inches to one foot thick, heating them firmly together. If the compost has been properly prepared, gentle fermentation will soon commence, and when the temperature of the bed is from 70° to 90°, with no danger of its rising higher, put in the spawn. This is done by makeing shallow holes about nine inches apart, inserting pieces of spawn about the size of a hen's egg and covering with the dung, pressing this closely about the spawn. It is of the greatest importance that the temperature of the bed should not decline below 70°, nor rise above 80° for a month after spawning. Within a fortnight after putting in the spawn, cover the bed about two inches thick with good mellow moist soil, making this firm; and if under this a covering one or two inches thick of cow dung, in about the same state as to moisture as the soil, can be afforded, this will cause the bed to last longer, and also to produce a larger crop than if covered with soil only. The most suitable temperature for beds in bearing is 80° to 85° and as a high temperature causes the mushrooms to come small, this should be avoided. Watering beds in bearing often causes the small mushrooms to damp off; therefore, water only when the bed ceases to be productive, and then use the water about the same temperature as the bed. One pound of spawn is enough for a bed two feet by six.

RHUBARB ROOTS.

Rhubarb Roots may be planted early in Spring or Fall, setting the roots three feet apart each way; if planted in Spring on ground well prepared, a full crop may be gathered the succeeding season. It requires but little labor; once planted it will remain in bearing condition for three or four years, only requiring a top dressing of manure dug in Spring or Fall. Choice Selected Plants, with three to four eyes, per dozen, $1.50. Twelve good roots weigh about ten to twelve pounds. If wanted to be sent by mail, add 1.25 per dozen or 15 cents a piece to prepay postage.
MISCELLANEOUS ROOTS, ONION SETS, ETC.

Express or Freight Charges always to be paid by the Purchaser.

ASPARAGUS ROOTS.

Secure strong, healthy, two-year old plants and set out in spring, in a rich, sandy loam, dug eighteen inches deep, into which has been worked plenty of well-rotted manure. If a stiff clay soil is all that can be had, add plenty of sand and sifted coal-ashes to loosen it up, and also see that it is well underdrained. In planting for private use, set out in beds five feet wide, three rows in a bed, the outer being each one foot from the edge, and allow twelve inches in the rows; set the plants at least six inches below the surface. If set out in autumn, top-dress with six inches of manure. For market on a large scale, set out 5 by 1½ feet. Every fall a good dressing of coarse manure should be applied after the tops have been cut, and in the spring forked in after which sow on a good dressing of salt. Never cut too close. The roots need the benefit of some foliage during the year, else they will weaken and die. Asparagus Culture, by James Barnes, 50c. postpaid.

Conover's Colossal—Strong two-year old roots.
Per 100, $1.00; per 1000, $8.00.

ARTICHOKE ROOTS.

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 over 800 bushels per acre. It is used mostly in feeding sheep and hogs. Eight to ten bushels are planted to the acre.

Per peck, 50c.; bush. (50 lbs.) $1.50.

PEANUTS.

Peanuts yield largely and are a paying crop. Planted in April, they ripen in August, and planted as late as July first, they will mature full crops before frost.
Per pound, 15c.; 10 pounds $1.25.
If by mail add 10 cts. per pound to prepay postage.

Bottom Onions, or Onion Sets, are produced by sowing the seed thickly during the spring in beds or drills, and about the end of July, or whenever the tops die down, the little bulbs or sets are gathered and kept spread thinly in a dry, airy loft, and reset in the spring to make large Onions.
Yellow Bottom Sets—Quart, 25c.; peck, $1.50; bushel, 5.50.
White Bottom Sets—Quart, 25c.; peck, $1.50; bushel, 5.50.

Red Top, or Button Onions, planted early in the spring in shallow twelve-inch drills, about four inches apart, slightly covered, and will produce large Onions maturing much earlier than from the seed. If the large Onions are planted again in the spring they will produce a number of small bulbs, growing on the top of the stalk. Weight, twenty-eight pounds per bushel.

Potato, 35c.; peck, $1.75; bushel, 6.50.

ONION SETS, ETC.

Garlic. (Knoblochus) — Plant in April or May, one inch deep, in drills fourteen inches apart, from five to six inches apart in the rows.

Pound, 20c.; 10 pounds, $1.75.

Wild Top, or Winter Onions—These Onion Sets look like Top Onions. They are planted in September, and are used for early spring Onions, for eating green. They do not produce an onion, but top sets or fillers only. Ready for shipment end of August. Price upon application.
PLANT SEED COMPANY'S

Selected ★ Collection

FLOWER SEEDS.

Containing 20 Choicest Varieties, One Packet Each. Price, $1.00.

The large number of this P. S. Co.'s Star Collection, containing twenty of the most beautiful Annuals and Biennials, we sold last season, and the universal satisfaction it has given to whoever bought it, has induced us to put up the same collection again, and hope it will meet with the same favorable approval. Below find list of contents; compare catalogue numbers and you will find that we give a very choice assortment, and more than value of the money.

<table>
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<tr>
<th>No.</th>
<th>Description</th>
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<tr>
<td>116</td>
<td>Aster Trufants Perfection, Double Mixed.</td>
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<tr>
<td>121</td>
<td>Balsam Rosedowered, Double Mixed.</td>
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<tr>
<td>141</td>
<td>Coxcomb Feathered, Mixed.</td>
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<tr>
<td>159</td>
<td>Chinese Diadem Pink, Mixed.</td>
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<tr>
<td>179</td>
<td>Jacobaea, Double Mixed.</td>
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<td>194</td>
<td>Marigold, French, Double Mixed.</td>
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<tr>
<td>199</td>
<td>Mignonette, Golden Queen.</td>
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<td>210</td>
<td>Pansy, Large Flowering, Mixed.</td>
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<tr>
<td>215</td>
<td>Petunia, Choice Large Flowering, Mixed.</td>
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<td>218</td>
<td>Phlox Drummondii, Large Flowering, Mixed.</td>
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<td>231</td>
<td>Portulaca, Double Mixed.</td>
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<tr>
<td>233</td>
<td>Salpiglossis, Choice Mixed.</td>
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<tr>
<td>232</td>
<td>Ten Week Stock, Large Flowering, Double Mixed.</td>
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<tr>
<td>238</td>
<td>Verbena, Large Flowering, Choice Mixed.</td>
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<tr>
<td>246</td>
<td>Zinnia Elegans, Double Mixed.</td>
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<tr>
<td>309</td>
<td>Cypress, Fine Mixed.</td>
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<td>323</td>
<td>Sweet Peas, Eckfords' Mixed.</td>
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<td>324</td>
<td>Nasturtium, Tall Mixed.</td>
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<td>404</td>
<td>Elychrisum, Everlasting Flower, Choice Mixed.</td>
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<tr>
<td>506</td>
<td>Carnation, Margaret, Double Mixed.</td>
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</tbody>
</table>

Splendid Collections of Choice Flower Seeds.

In making up the following Choice Collections (all our own selections) we discounted liberally from Retail List prices, and therefore it will be understood that the prices of the collections are net:

**A COLLECTION OF ANNUALS**, containing twelve different varieties (our selection). One packet each $0.40.

**ASSORTMENT OF ASTERS**—Dwarf Chrysanthenum-flowered, in eight distinct colors. One packet each $0.50.

**BAISAMS**—Balsam's Trufants' Peony-flowered, in eight distinct colors. One packet each $0.50.

**PANSIES**—Double French Rose-flowered, in eight distinct colors. One packet each $0.60.

**PHLOX DRUMMONDI**—Large-flowering, in eight distinct colors. One packet each $0.60.

**STOCKS OR GILLYFLOWER**—German Ten Week, Double Large-flowering, in eight distinct colors. One packet each $0.60.

In ordering Flower Seeds, put down the Numbers; it will save you and us both time and writing.

**NOTICE.**—We have made the selections of Choice Flower Seeds a specialty for years, and all the Flower Seed we offer are imported by us direct from the best and most careful Florists and Flower Seed Growers in Europe; the quality is the best that can be had and we have made prices very low. If you wish a nice Flower Garden, plant P. S. Co.'s Choice Flower Seeds. Full directions of cultivation is printed on each paper. We put up our Flower Seeds in papers in advance, and as a rule we do not sell half papers.

All Flower Seeds sent Free by Mail on Receipt of Price.
Liberal Discounts on Flower Seeds in Packets.

To induce our patrons to form Clubs to purchase SEEDS in quantity, we will offer the following LIBERAL DISCOUNTS on Flower Seeds in Packets:

Purchaser remitting $1.00 may select Flower Seeds in Papers amounting to $1.25

<table>
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<th>Packets</th>
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<td>2.00</td>
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<td>5.00</td>
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</tbody>
</table>

The discount allowed is for Flower Seeds in Packets only, and not for Collections of Flower Seeds or Flower Seeds by weight.

Annuals and Biennials.

Annuals. Plants known as annuals are raised from the seeds, perfect their 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 little; tender annuals will not bear the frost at all.

Biennials. Are those plants that flower the second, and sometimes the third year from the time the seeds are sown, and then perish.

A Collection of Annuals, in twelve different varieties (our own selection) ........................................ $0.40
A Collection of Annuals and Biennials, in twenty-five different varieties (our own selection) ....................... 75

Price per Pkt.

Alyssum—Rock Madwort (Steinkraut). Very pretty little plants for edging; also used for bouquets. 104—Sweet. Flowers white and fragrant. 5 Per oz., 30c.

Amaranthus No. 107. Snapdragon No. 110.


Do not fail to order some of our choice Pansy Seed. The Non Plus Ultra, Odier and Trimmardex or Giant are the most showy. See page 48.
DOUBLE GERMAN ASTERS.

Per Pkt.

Aster—Rose-flowered, No. 118.
Per Pkt.

114—Dwarf Pyramidal Bouquet. Finest Mixed, 10 oz., 50c.
115—Dwarf Chrysanthemum-flowered. Very good for pot culture; splendid mixture, 10 oz., 50c.

DOUBLE BALSAMS.

LADYSLIPPER—The well-known Balsams, or Lady's Slippers, are one of the finest summer blooming annuals, free bloomers and highly colored. By transplanting them once or twice, the flowers are apt to be more double.

120—Double. Fine Mixed, 5 oz., 5c.
121—Double French Rose-flowered. Magnificent double varieties; mixed, 10 oz., 50c.
122—Double White Perfection. Flowers snow white, of immense size and solidity, thoroughly double, 10 oz., 50c.

BARTONIA—(Bartonia). A beautiful hardy annual.
124—Aurea, Goldenyellow, 5 oz., 5c.
BRACHYSTEME—Swan River Daisy. (Kurzschloof). Fine for edging.
125—Iberidifolia, Blue and white mixed, 5 oz., 5c.

BROWALLIA—Very handsome plants, covered with rich, beautiful flowers; half-hardy.
125½—Elata. Mixed, 5 oz., 5c.

CASCALYPIS—Coreopsis. (Wanzenilume). Useful for beds, hardy annual.
126—Choice Varieties. Fine mixed, 5 oz., 5c.
132—Pedata. Color, velvet purple, white eyes; 2 feet, 10 oz., 10c.

CAMPANULA—(Glockenblume). Very valuable on account of their fine habit and brilliancy of their flowers.
134—Speculum, Venus' Looking Glass. Mixed, 5 oz., 50c.
135—Speculum, fl. pl. Double Venus' Looking glass; blue, 10 oz., 10c.

136—White Rocket. (Iberis amara), 10 oz., 15c.
137—Different Colors. Fine mixed, 10 oz., 15c.

44 Plant Seed Company, 812 N. Fourth Street, St. Louis, Mo.
Calliopsis No. 130. Candytuft No. 136.

CELOSIA—Coxcomb, (Hahnenkamm.) Highly ornamental for decoration of the greenhouse and garden.

138—CELOSIA—Cristata Nana, Dwarf Coxcomb. Finest colors mixed; 1 foot. 5

139—Coxcomb, Glasgow Prize, Tom Thumb. Very fine dwarf sort, with dark leaves and crimson combs, distinct and constant. 10

Coxcomb No. 140. Celosia No. 151.

140—Japonica, (Japanese Coxcomb). A branching variety, branches are scarlet or crimson, and the combs are delicately cut, often in pyramidal masses 10

141—Pyramidalis. Feathered; beautiful colors; fine mixed; 3 feet. 10

CENTAUREA—Centuary, (Flockenblume). Showy, free flowering plant.

142—Cyanus—Corn Flower. All colors, fine mixed. 5

143—Moschatu, Sweet Sultan. All colors, mixed. 5

CHEIRANTHUS—Virginia Stock (Meeravogel). A pretty hardy annual; sweet scented; 6 inches high.

144—Maritimus, Bed and white, fine mixed. 5

Clarkia No. 146. Summer Chrysanthemum, No. 145.

CHRYSANTHEMUM (Goldblume). One of the most showy and effective of summer flowering plants.

145—Double Annual Varieties. All colors mixed. 5

CLARKIA (Clarkía). An old favorite, very pretty and free flowering; hardy annual.

146—Finest Varieties. All colors mixed. 5

Per Pkt. Per Pkt.

COLLINSIA (Collins). Very free bloomers; very showy; hardy annual. 147—Finest Mixed Varieties. 5

COLLOMIA—(Collomie). A free-flowering annual. 148—Cocculina. Scarlet flowers in clusters. 1 foot. 5

CONVOLVULUS, TRICOLOR MINOR—Dwarf Morning Glory (Niedrige Weide). A beautiful class of hardy annuals, affording a large, showy mass of flowers, from July to October. 149—All Colors. Mixed; 1 foot. 10 per oz., 10c.

COSMOS—Cosmea Bipinnata. Plants 3 to 5 ft high; literally covered in the autumn with large single flowers, resembling single Dahlias. Colors range through shades of rose, purple, white, etc. 150—All Colors. Fine mixed. 5

CREPIS—Hawkweed (Habichtskraut). Very showy in beds and borders; hardy annual. 151—Bed and White. Fine mixed. 5

CUPHEA (Cuphee). A shrubby plant of great beauty, remarkable for the curious blossoms. Annual. 152—Purpurea. All colors, mixed; 2 feet. 5

CYNOGLOSSUM—Venus Navelworth (Garten Färgsmalme). A hardy annual; good for edging. 153—Light Blue and White, mixed. 9 inches. 5

DAPLTA—Trumpet Flower (Steckapfel). These plants are strong growing, producing large trumpet-shaped flowers. Tender biennials. 154—Huberiana. Double; mixed. 4 feet. 5

CHINESE PINKS—DIANTHUS.

The Pink family is so well known that hardly a garden is without them; their beautiful color; their fragrance and neatness, can hardly be surpassed; they are easily raised from seed, and delightful in a mellow, sandy soil; all varieties are desirable, either for beds or massing.

Chinese Pink, No. 155. Diadem Pink, No. 159.

155—Dianthus, Chinensis fl. pl. Double Chinese Pink; extra fine; mixed. 5

Per oz., 25c.

156—Heddwegi, fl. pl. Finest double Heddwegi Pinks; mixed. 10

Per oz., 25c.

157—Lacinatus. Flowers very large, deep; fringed; all colors; mixed. 10

158—Diadematus, fl. pl. Diadem Pink. Of dwarf, compact habit, flowers very large, double; of various tints of rose, maroon and purple, etc. 10
**EGG PLANT**—Not edible (Eierschoten). Ornamental, fruit-bearing plants, growing freely in rich, light, warm soil.

101-White-fruitl. Egg-shaped.................................. 5
102-Scarlet-fruitl. Handsome, dark green foliage. 5

**CRYSTALM**—Hedge Mustard (Hellerluch). Hardy annual, sweet scented, good for bouquets, etc.

163-Artia. Light yellow............................................ 5

**BUSCHGELBIA (Falchliezit)**—Annual plants with showy flowers. Hardy annual.

164-California. Bright yellow and white, mixed. Per oz., 15c.

**RUPHORIA**—A hardy annual, with white and green leaves, giving a variegated appearance.

165-Variegata. Showy.................................................. 5

**GAILLARDIA**—Blanket Flower (Gailardia). A striking looking class of plants, presenting quite a diversity of color. Fine for bedding.

166-Pluca. Fine mixed colors........................................ 5

**GAURA** (Prochters). Curious, with spikes of white and red tinted flowers.

167-Lindheimerii. Very pretty.................................... 5

**GILIA** (Gilie). Very pretty dwarf plants; free flowering. Admirably adapted for massing.

168-Tricolor. White, purple and rose, mixed; 1 foot Per oz., 15c.

**GODETIA** (Godetie). Free flowering annuals; fine for bedding; beautiful colors.


**GYPSOPHILLA** (Gypsokraft). Pretty, free-flowering; fine for bouquets.

170-Elegans. Small, starry-purple and white flowers.......................... 5

**HELIIANTHUS**—Sunflower (Sonnenblume). Well known; tall growing plants.

171-Nanus, fls. Variegata. Fine double, with green and yellow variegated foliage. 5
172-Macrophylus Giganteus. About 10 feet high, with but one large flower. 5

**HERICUS** (Ribich). Hardy annuals, with large showy flowers, highly ornamental.

173-Africanus. White, dark brown center. 5

**HONESTY**—Satin Flower (Adlatsblume). An old, but interesting flower. Biennial.

175-Lunaria biennis. Purple, very showy.................. 5

**ILPOMOSIS**—Very showy and beautiful plants, with long spikes of dazzling flowers.

177-Elegans. Different colors mixed; 2 feet. 10

**ICE PLANT** (Klebmschrub). A most singular trailing plant, with thick, fleshy leaves, that have the appearance of being covered with crystals of ice.

178-Mesembrianthemum Crystallinum

**JACOBEA**—Hardy, face flowering border plants, of easy cultivation, with beautiful colored flowers.

178-Seneio Elegans. Double, fleshy colors, mixed.

**LUPINUS** (Lupine). Very useful for edging, baskets or pot culture.

183-Different Varieties. Fine mixed.

**LUNARIA**—Toadflax (Frauenrachse). Flowers resembling the Snap Dragon, very useful for edging.

186-Bipartita. Fine Mixed.
### Mignonette

<table>
<thead>
<tr>
<th>Per Pkt</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>197</td>
<td>Large-flowering Sweet. 1 foot</td>
</tr>
<tr>
<td>198</td>
<td>Large-flowering Pyramidal. A pyramidal variety, very beautiful</td>
</tr>
</tbody>
</table>

**Mignonette (Reseda.)** A well-known favorite that continues to bloom and send forth its sweetness all the season, performing the whole region about the premises.

199—Golden Queen. A very good and distinct Mignonette. It is stout growing, but forms compact tufts, and the whole plant has a golden glow, owing to the presence of yellow instead of red anthers. **Per oz., 25c.**

300—MACHET. A dwarf French variety, with broad spikes of very fragrant red flowers; one of the best for pots. Fine seed **10**

**Mimulus No. 201. Nasturtium No. 203.**

### Petunia

**Petunia (Petunia, Tabaksblume).** The Petunia will flower the first season. Those sown in the house or hot bed in April will bloom in June. **Per Pkt.**

<table>
<thead>
<tr>
<th>Per oz.,</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>Hybrida, Fine mixed</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Per oz.,</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>301</td>
<td>Hybrida Grandiflora. Beautiful large flowering varieties; fine mixed</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Per oz.,</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>302</td>
<td>Hybrida Flora Pleno, Double Large flowering. This is without a doubt, the finest strain of Double Petunia ever offered. In the past few years we have received many flattering testimonials from growers of this superb Petunia, speaking in the highest terms of the immense size of flowers and exquisite colors, shades and markings. They will produce from 60 to 60 per cent. of splendid, large double flowers, and even those that come single of immense size and beautiful markings. <strong>Extra mixed</strong></td>
</tr>
</tbody>
</table>

### Portulaca

**Portulaca—Flowering Rose Moss (Portulak).** Portulacas are unsurpassed for brilliancy and richness of color. They are adapted for beds, clumps, edgings, pots, vases or rock work.

**Portulaca No. 210.**

319—Hybrid Pinks, Mixed. Very good and distinct. **Per oz., 15c.**

**319—Hybrid Red, Mixed. Fine seed.**

**320—All Colors, Single Mixed.**

<table>
<thead>
<tr>
<th>Per oz.,</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>303</td>
<td>Tom Thumb, Fine Colors, Mixed. 1 foot</td>
</tr>
</tbody>
</table>

**304—Finest Colors Mixed. One-half foot | 5**

**305—Hispanica, Love-in-a-mist. Mixed.**

**306—Damascena, Devil-in-a-Bush. Mixed.**

**307—Atriplicifolia. All colors; fine mixed.**

**308—Evening Primrose (Nach Kresse). A free-flowering class of plants for beds or borders. Hardy biennial.**

### Portulaca No. 216.

321—Portulaca, Large, Double-flowering Rose Moss (Gefülltes Portulakrosen.) Saved from double-flowering plants, reproducing a large proportion of double flowers, in white, blood red, purple, crimson, orange, etc., resembling roses. **Extra fine mixed**

<table>
<thead>
<tr>
<th>Per oz.,</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>3 oz.</td>
</tr>
</tbody>
</table>
P. S. CO.'S CELEBRATED PANSY SEED.

Our Direct Importations from the Best Growers in Europe.

PANSY—Heartsease—Viola Tricolor (Stiefmutterchen). An old but universally admired plant, producing an endless variety of color, marking and texture; they may be treated as annuals, as they flower the first season from seed; 6 inches.

PHLOX DRUMMONDII.

PHLOX DRUMMONDII—Drummond's Phlox (Flammenblume). These flowers are of extreme beauty, and are greatly admired by all; their long duration in bloom combined with their almost unequalled richness of color, renders them of invaluable service in the flower garden. Half-hardy annuals.

216$\frac{1}{2}$—PHLOX CUSPIDATA—Star-Shaped, flowered. Extraordinary, of high merit. The center of each petal runs out into a point one-quarter to one-third of an inch beyond the edge, which gives the flowers a regular star-like form. The plant grows about 1$\frac{1}{2}$ feet in height, and is of compact habit. All colors fine mixed.......................... 15

217—Drummondii. Finest mixed............................. 5
Per oz., 50c.

218—Drummondii, large flowering, extra mixed .......................... 10
Per oz., 75c.

218$\frac{1}{2}$—Drummondii, large flowering. A collection in eight distinct colors, one packet each............... 50

219—Carnation Flowered. Double mixed....................... 5
Per oz., 15c.

PERILLA—(Perilla). Ornamental-leaved plants, with black, purple-colored foliage. 213—Nankinensis. 2 feet high ......................... 3

PAPY—Papaver (Orgienmooh). Showy, free-flowering plants. Hardy annuals.

219—Carnation Flowered. Double mixed....................... 5
Per oz., 15c.

PANSY—VIOLA TRICOLOR.

Per Pkt.
209—Fine Mixed. All colors, 5
Per oz., 60c.

210—German Extra Choice. Viola Tricolor Maxima. Saved from finest named sorts, producing large flowers in great variety of colors, 10
Per oz., $1.25.

211—A collection of 8 beautiful varieties of choice Pansies, 1 packet each .................. 50

211$\frac{1}{2}$—Non Plus Ultra. Carefully selected, the richest mixture ever sent out, containing the finest blotted varieties in far the greater proportion. Highly effective; very choice mixed .................. 25

212—Odier or Blotted, superb large-eyed. These favorite pansies have been much improved, the flowers, of very good shape, are beautifully blotched with red and varied colors .................. 25

212$\frac{1}{2}$—Trinardeau or German Giant Pansies. Entirely distinct and splendid race of vigorous and compact growth; the flowers are of refined shape and immense size hitherto unknown in the Pansy family .................. 25
<table>
<thead>
<tr>
<th>Plant Name</th>
<th>Description</th>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Castor Oil Plant</td>
<td>Tall, stately growing plants, of tropical appearance and exceedingly ornamental.</td>
<td>Fine mixed</td>
<td>5 oz.</td>
</tr>
<tr>
<td>Sensitive Plant</td>
<td>因其美观的花朵，适合用于边缘或苗圃。</td>
<td>半硬性年生</td>
<td>5 oz.</td>
</tr>
<tr>
<td>German Ten Week Stocks</td>
<td>十周花，枝条细长的植物，带有非常美丽的花朵，适合用于边缘或苗圃。</td>
<td>半硬性年生</td>
<td>5 oz.</td>
</tr>
<tr>
<td>German Ten Week</td>
<td>大花型，半硬性年生</td>
<td>1 foot</td>
<td>10 oz.</td>
</tr>
<tr>
<td>Ten Week Stock Double</td>
<td>十周花的双胞胎，适合用于边缘或苗圃。</td>
<td>半硬性年生</td>
<td>1 foot</td>
</tr>
<tr>
<td>Ten Week Stock Snowflake</td>
<td>适合用于边缘或苗圃的十周花。</td>
<td>半硬性年生</td>
<td>1 foot</td>
</tr>
</tbody>
</table>

**SCHIZANTHUS** *(Spalathrene).* Elegant, slender-branching plants, with very conspicuous flowers, good for borders or pot cultures. Half-hardy annuals.

228—Grandiflorus. Finest mixed | 5 oz. | 50c. |

**SENSITIVE PLANT** *(Schampfianze).* Curious and pretty.

229—(Mimosa Pudica) | 1 oz. | 10c. |

**SILKEN**—Catchfly *(Leinbrant).* Suitable for the open border or rock work. Hardy annuals.

230—Armeria. Different colors, fine mixed. | 6 oz. | 10c. |

**German Ten Week Stocks.**

**STOCKS—Gillyflower** *(Leroyen).* The Ten Week Stocks are exceedingly valuable plants, producing an abundance of flowers of various colors and tints, and of the most delicate fragrance. Well-known.

231—German Ten Week. Fine double mixed | 5 oz. | 50c. |

Ten Week Stock Double, Ten Week Stock Snowflake | 5 oz. | 50c. |

232—German Ten Week, Large-flowering. Finest double mixed | 1 foot | 10 oz. | 25c. |

233—German Ten Week, Large-flowering. A collection in eight distinct colors; one packet each | 50 oz. | 25c. |

233½—BRANCHING TEN WEEK WHITE | 15 oz. | 25c. |

234—German Early Autumn-flowering or Intermediate *(Herboloyen).* Will bloom in fall if grown early; 1½ feet. Fine mixed. | 15 oz. | 25c. |

234a—Intermediate White | 15 oz. | 25c. |

234b—Intermediate Scarlet | 15 oz. | 25c. |

235—German Winter or Brompton *(Winterlev- koye).* Extra fine double, mixed; 1½ feet | 15 oz. | 25c. |

Tagetes, No. 236. | Rose of Heaven, No. 241. | FLATAN |

**TAGETES SIGNATA**—A delicate fern-leaved plant, with bright yellow blossoms, striped with reddish brown. Half-hardy annual.

236—Fumaria. About one foot high | 5 oz. | 10c. |
### Ornamental Climbers

This class of plants is very important. The strong growing varieties can be made in a short time to cover fences, walls and buildings, and gives both beauty and shade; those of more delicate growth are very valuable for low screens, hanging baskets and other decorative purposes.

**Seeds for Climbing Plants**, a collection of eight different varieties (our own selection) .................................................. $0.50

**ARISTOLOCHIA**—Dutchman's Pipe. A quick-growing climber, attaining a height of 30 feet, with large heart-shaped foliage.
- **301**—Sipho. Hardy perennial ........................................... 10

**BALLOON VINE**—Cardiospermum (Hersszeazam).
- **302**—Love in a Puff. Very curious looking seed ................... 5

**BALSAM APPLE** (Momordica Balsamina).
- **303**—Fine for trellises, fences, etc.................................... 5
- **Per oz.,** 25c. .......................................................................... 5
- **Per oz.,** 25c. .......................................................................... 304—Pear (Momordica Charantia) ............................................... 5

**CANARY FLOWER**—Tropaeolum Peregrinum. Well known climber. Half-hardy annual. 15 feet.
- **305**—Canary Flower. Bright yellow fringed ......................... 10

**CIBEA** (Colbea). A rapid-growing climbing plant.
- **306**—Scandens—Large purple, bell-shaped flowers ............ 10

**CYPRUS VINE**—Ipomea quamoclit. A tender, climbing annual. Well known.
- **307**—Scarlet. 15 feet ......................................................... 5
- **Per oz.,** 25c. ........................................................................ 308—White. 15 feet .................................................................. 5
- **Per oz.,** 25c. ........................................................................ 309—Scarlet, Rose and White. Mixed ......................................... 5
- **Per oz.,** 25c. ........................................................................ 310—Fine Purple and White Mixed ........................................... 5

**DOLICHOS**—Hyacinth Bean. Quick-growing climbers, flowers in clustered spikes.
- **310**—Fine Purple and White Mixed ..................................... 5

---

**VERBENAS.** Price per pkt.

**VERBENA** (Verbena). The brilliancy and great variety of color render it one of the most valuable of plants, both for bedding and pot culture. For garden beds or making the Verbena is unrivalled; flowers of the most brilliant colors, blooming continually from spring until late in the autumn. Although perennials, these form luxuriant plants, and bloom profusely the first season from seed.

- **237**—Hybrida. All colors mixed .......................................... 5
- **Per oz.,** 75c. ........................................................................ 238—Hybrida. Choicest Mixed. From named sorts ..................... 10

**VISCATIA**—Rose of Heaven. Adapted either for beds, edgings or clumps; their profuseness of bloom will always rank them among general favorites. Hardy annuals.
- **241**—Oculata. Fine mixed; ½ feet ........................................ 5

**WALLFLOWER** (Goldakc). Useful and ornamental class of plants, very fragrant.
- **242**—Fine Single Mixed; 2 feet .......................................... 5

**WALLFLOWER**—German Extra Double, tall sorts. Fine mixed.
- **243**—German Extra Double, dwarf sorts. Fine mixed .......... 15

**WHITTLAVIA**—Very effective for bedding, ribboning, or mixed borders.
- **244**—Grandiflora. Blue and white mixed ........................... 5

**ZINNIA DOUBLE—Youth and Age** (GefueUte Zinnie). A grand genus of autumn flowering plants, combining the greatest richness and diversity of color, with unequalled profusion and duration of bloom. Half-hardy annual.

- **Zinna, No. 246.** .................................................................... 246—Elegans fl. pl. Extra Double. Finest colors mixed; 2 feet ...... 5
- **Per oz.,** 25c. ........................................................................ 247—Zinnia Zebra Double. Very pretty strain of striped flowers, beautiful colors. Mixed ................................. 10

### WILD FLOWER SEED.

This is a mixture of over seventy-five varieties of hardy flower seeds, and being mixed together can be offered at a much lower price than when sold in separate quantities.

**Splendid Mixture.** Per ½ oz., 15c.; Oz., 25c.
Everlasting Flowers and Grasses.

The Everlasting Flowers and Ornamental Grasses retain both form and color for years, and make excellent bouquets, wreaths and every other desirable winter ornament. The flowers should generally be picked as soon as they expand, or a little before, and hang up in small bunches, and so that the stem will dry straight.

Everlasting Flowers, a collection of six different varieties (our own selection).......................... $0.25
Ornamental Grasses, a collection of six different varieties (our own selection).......................... 25
EVERLASTING FLOWERS. Price per pkt.

ACROLINIUM. Very elegant and pretty. 401—Roseum. Rose and white mixed; 1 foot ............... 10
AMMOBIA. Very desirable. 403—Alatum. White, very pretty; 2 feet .................. 5
ELICHRYSIUM. Everlasting flowers (Strobilum). Very ornamental, and much admired when dry. 404—Monstrosum fl. pl. Fine double mixed; 3 feet .......... 5
GLOBE AMARANTH—Comphrena Globosa (Kagelamaranth). Very well known. 405—All Colors Mixed. Per oz., 50c. 5
HELIANTHUM—Pretty Everlasting. Producing large clusters of yellow flowers. 406—Sanfordii. 5
KOH NLTHE. 407—Finest Varieties Mixed. 10
STATICE. Free-flowering; remaining long in beauty. 408—Hybrida. Purple, yellow, white, etc., fine mixed. 5
XERANTHEMUM. (PapaverFlume). Very showy. 409—Plenosimum. Extra double, fine mixed 5

Price per pkt.

ADLUMIA—Mountain Fringe. Hardy climbing plant, 12 to 16 feet high. Foliage ornamental. 501—Girrbosa. Flowers in fringy clusters; white. 1

ADONIS—Perennial Adonis Flower. Flowers early in season. 502—Vernalis. Yellow; 1 foot ... 5
CAMPANULA—Canterbury Bells. (Glockenblume). Well known. 503—Medium fl. pl. Double Canterbury Bells. All colors; mixed; 2 feet .... 10
504—Medium Single Canterbury Bells. Blue and white, mixed; 2½ feet ...... 5
CANNA—Indian Shot (Blumenrohr). Highly ornamental, handsome foliage, brilliant flowers. 5
Campanula No. 503.
503—Canna. Finest Varieties, mixed .......... 5
CLEMATIA—Handsome hardy climbers for training on walls, trellises, etc., or drooping over rock-work. 6 to 15 feet. 509½—Large Flowering. Superb mixture........... 10

DAISY—Bellis Perennis fl. pl. (Tausendseelen). A well-known, pretty hardy perennial; will bloom the first season if well grown in season. 512—Double. Finest colors mixed; 4 inches........ 10

Seeds for Perennials.

Our list comprises only the best and most desirable. They are very valuable, from the fact that they (with few exceptions) will survive the winter without special care. Some come into flower early in the spring, some in summer and some in autumn.

Seeds for Perennials, a collection of eight different varieties (our own selection). .......... $0.50

ORNAMENTAL GRASSES. Price per pkt.

420—Agrostis Fulchella. Feathery; 1 foot .......... 5
421—Avena Sterilis (Animales Oats). 2½ feet .... 5
422—Briza Maxima, Quaking Grass. ............... 5
423—Briza Gracillii, Slender Quaking Grass ....... 5
424—Brizoporum Siculum. Shining green leaves. 5
425—Bromus Briziformis. A hanging grass; 1 foot. 5
426—Chrysanthemum Cynosuroides. Yellow spikes; 1 foot .......... 5
427—Coix Laciniatus. Job's Tears; 2 feet .......... 5
428—Eragrostis Elegans. Graceful habit; 1 foot .... 5
429—Gymnium Argenteum, Pampas Grass. The most noble grass in cultivation; 10 feet .......... 10
430—Hordeum Jubatum, Squirrel Tail Grass. 5
431—Lagurus Ovatus, Hare's Tail Grass .......... 5
432—Pennisetum Longistylum. Graceful .......... 10
433—Stipa Pinnata, Feather Grass. Beautiful .. 10
434—Tricholeena Rosea. Beautiful rose-tinted grass; 10 feet ............ 10
435—Ornamental Grasses. Best varieties, mixed .... 10

CARNATION. Price per pkt.

Well known favorites; the flowers are large, fragrant, with colors extremely rich and beautiful. The seeds we offer were saved from the finest German collections.

506—CARNATION—"Margaret.") This new class has justified the highest expectations. Seedlings begin blooming the fourth month from time of coming up and supply the florist or gardener with large and very sweet-scented flowers when other Carnations are over; 80 per cent. of them are double and produce a rich display of colors. It is the semi-dwarf class which we offer and which may be considered the most valuable. ....... 15

507—CARNATION—Double Early-flowering Vienna. Extra fine mixed, excellent for cutting. The true and shy-seeding strain of this class ...... 10
508—CARNATION—Double. Finest Mixed. Having been saved from flowers of very fine quality only, this seed will give highly satisfactory results. ....... 10
509—CARNATIONS AND PICTURES—Double Stage flowers, all classes, Extra Fine Price Mixture. This seed is of unrivalled quality and certain to give unqualified satisfaction to the most critical growers .................. 25
Seeds for Greenhouse Plants.

The following list contains only such varieties as are indispensable to the greenhouse or conservatory, some of which can also be planted out in the garden during the summer, to be taken up in autumn and kept in a greenhouse or conservatory over winter. Although our list is small, the seeds offered are obtained from the best collections of the European continent, and we recommend them as first-class in every respect.

Seeds for Greenhouse or Conservatory Plants, a collection of eight varieties (our own selection) $1.25

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price per pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Begonia, Tuberosum Rooted</td>
<td>These Begonias are of easy culture, and are exceedingly useful in producing brilliant masses of coloring on lawns, etc., as well as for the decoration of the Conservatory or Greenhouse, for which purpose no other genus is more suitable. Choice varieties mixed</td>
<td>15</td>
</tr>
<tr>
<td>Cactus</td>
<td>Curious and interesting; magnificent flowers of brilliant and striking colors. Finest varieties mixed</td>
<td>25</td>
</tr>
<tr>
<td>Calceolaria Grandiflora</td>
<td>Flowers large, elegant and showy; distinct colors, mixed</td>
<td>25</td>
</tr>
<tr>
<td>Camellia Japonica</td>
<td>Fine double mixed</td>
<td>25</td>
</tr>
<tr>
<td>Dahlia</td>
<td>A well known, tender perennial. Finest mixed, from select varieties</td>
<td>15</td>
</tr>
<tr>
<td>Digitalis</td>
<td>Fox-glove (Fingerhut). An old, well known perennial</td>
<td>5</td>
</tr>
<tr>
<td>French Honey-Suckle</td>
<td>Hedysarum (Hohnenkoepf). Well-known, blooming freely the first season from seed</td>
<td>5</td>
</tr>
<tr>
<td>Hollyhock</td>
<td>Althea Rosea (Stockrosen Malven). An old favorite variety with many; well-known</td>
<td>5</td>
</tr>
<tr>
<td>Lychnis</td>
<td>Extris (Feuerelkel). Striking and handsome</td>
<td>10</td>
</tr>
<tr>
<td>Myosotis</td>
<td>Forget-me Not. If sown early, will bloom the first season</td>
<td>5</td>
</tr>
<tr>
<td>PAPAVER</td>
<td>Perennial Poppy (Pereantrender Mohr). Very bright and showy</td>
<td>10</td>
</tr>
<tr>
<td>Peas, Everlasting</td>
<td>Lathyrus Latifolius (Bouquetweide). Flowers in large clusters, resembling the Sweet Peas</td>
<td>10</td>
</tr>
<tr>
<td>Penstemon</td>
<td>Barbatus. The long spikes of their tubular flowers are very ornamental</td>
<td>5</td>
</tr>
<tr>
<td>Phlox</td>
<td>Perennial Phlox (Perenniender Phlox). One of the finest herbaceous perennials for beds or mixed borders</td>
<td>5</td>
</tr>
<tr>
<td>Primula</td>
<td>Primula elatior—English Primrose (Schlesseblume). A beautiful class of dwarf growing plants, about 8 inches high; well-known</td>
<td>10</td>
</tr>
<tr>
<td>Pyrethrum</td>
<td>This family contains the well-known “Golden Feather,” a low growing plant, with yellow foliage, for ribbon beds, edgings, etc.; also, the Pyrethrum, from the flowers of which the “Persian” insect powder is made</td>
<td>5</td>
</tr>
<tr>
<td>Rose</td>
<td>Campions</td>
<td>Agrostema Coranoria (Lichtnelke). Exceedingly handsome, free-flowering</td>
</tr>
<tr>
<td>Rose</td>
<td>Rose-colored</td>
<td>1½ feet</td>
</tr>
<tr>
<td>SWEET ROCKET</td>
<td>Hesperis (Nachtviole). Early flowering and free growing</td>
<td>5</td>
</tr>
<tr>
<td>SWEET WILLIAM</td>
<td>Dianthus Barbatus (Bartnelke). Well-known hardy perennial</td>
<td>5</td>
</tr>
<tr>
<td>Violia</td>
<td>—Sweet Scented Violet (Früchen). Well known plant, suitable for cuttings, groups, etc</td>
<td>10</td>
</tr>
<tr>
<td>Violets</td>
<td>—Blue and White mixed</td>
<td>6 inches</td>
</tr>
</tbody>
</table>

SEEDS FOR GREENHOUSE PLANTS—Con’t.

Price per pkt.  

Begonia, No. 601.  
606—Cineraria, No. 607.  
605—Centauria Candiissima. A splendid silver-leaved plant for beds, ribbons, vases, baskets and pots. ........................................ 10  
606—Centauria Gymnocarpa. A very graceful, fine-cut, silvery gray foliage variety; 18 inches high.  
CINERARIA—Magnificent flowering plants for conservatories, etc., in the winter and spring. The flowers of the Grandiflora or Large Flowering type, measure two inches across, are of white, blue, violet, crimson, etc., covering the plant with a sheet of bloom 1 foot.  
607—Hybrida, Large flowering, finest colors mixed 20  
608—Chantois Dammerii. Splendid class of plants, with brilliant scarlet, black centered flowers, very beautiful ........................................ 20  
609—Coleus. Very popular as a greenhouse as well as a bedding plant. Finest varieties mixed 20  
610—Cyclamen Persicum. Beautiful winter and spring blooming bulbous plants, sweet scented; fine mixed 25  

Centauria, No. 606.  

6101—Chrysanthemum Indicum. The well known Autumn flowers. Choice colors mixed 20  
611—Ferns. Well known and highly appreciated. Finest varieties mixed 24  
612—Fuchsia—Ladies’ Ear Drops. Finest single and double varieties, mixed 25  
613—Geranium Zonal. Fine colors of this popular and well-known plant, mixed 10  

Fuchsia, No. 612.  
616—Gloxinia Hybrida. The very finest and choicest varieties, mixed ........................................ 20  
615—Heliotrope. Very popular, fragrant, fine mixed, 10  
616—Lantana. A fine bedding plant; different colors, mixed 10  
617—Passiflora. A splendid climber with curious flowers 1  

Gloxinia, No. 614.  
Chinese Primrose No. 619%.  
PRIMULA—Chinese Primrose (Primula). A charming, profuse flowering plant, indispensable for winter and spring decoration and a universal favorite. Our seeds are imported from one of the best growers in Europe.  
612—Chinensis Fimbriata Rubra. Red fringed 25  
619—Chinensis Fimbriata Alba. White fringed 25  
619½—Chinensis Fimbriata. Fringed varieties, fine mixed 25  

ROSES—Well-known.  
620—Bengal, Tea, Hybrid Perpetual and Bourbon. Finest mixed 10  
622—Smilax (Myriphylhum Asparagoides). An elegant twiner. Used extensively for bouquets and floral decorations of every description 10  

Tree, Fruit and Hedge Seeds.  

Вinges of Tree and Fruit Seeds given here, except when quoted by the bushel, include Postage or Free Delivery. Special prices given on large quantities.  

Box Elder—Per oz., 10c.; ¼ lb., 25c.; lb., 75c.  
Catalpa, Hardy—Per oz., 10c.; ¼ lb., 25c.; lb., 75c.  
Mulberry Russian—Per oz., 20c.; ¼ lb., 60c.; lb., $2.00.  
Tree of Heaven—Per oz., 10c.; ¼ lb., 25c.; lb., 75c.  

Currant Seed—Large varieties, mixed  $0.50  
Gooseberry Seed—Large English, mixed  “ .75  
Raspberry Seed—Finest sorts, mixed  “ .50  
Strawberry Seed—Large varieties, mixed  “ .50  

Apple Seed—Per X lb., 20c.; lb., 50c.; bush., 40 lbs. $6.00.  
Peach Seed—Per oz., 15c.; ¼ lb., 50c.; lb., $1.50.  
Quince Seed—Per oz., 15c.; ¼ lb., 50c.; lb., $1.50.  
Peach Pits—Per bush., 50 lbs., $1.50.  
Black Locust—Per oz., 10c.; ¼ lb., 15c.; lb., 60c.  
Honey Locust—Per oz., 10c.; ¼ lb., 15c.; lb., 50c.  
Osage Orange—Per X lb., 20c.; lb., 50c.  

Price per bushel upon application.
SUMMER FLOWERING BULBS.

FOR SPRING PLANTING.

Bulbs will not be forwarded until severe frosts are over, so that there will be no danger of injury on the way. When bulbs are ordered with seeds, the seeds will be forwarded at once, and bulbs as soon as the weather will permit.

GLADIOLUS BULBS IN MIXTURES.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Per dozen</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>White and Light Colored Varies Mixed</td>
<td>60c</td>
<td>$4.00</td>
</tr>
<tr>
<td>Striped and Variegated Varies Mixed</td>
<td>60c</td>
<td>4.00</td>
</tr>
<tr>
<td>Pink Varies Mixed</td>
<td>50c</td>
<td>3.50</td>
</tr>
<tr>
<td>Red and Scartlet Varies mixed</td>
<td>50c</td>
<td>3.50</td>
</tr>
<tr>
<td>Yellow Varies Mixed</td>
<td>75c</td>
<td>5.00</td>
</tr>
<tr>
<td>Lemoine's Butterfly Varieties</td>
<td>75c</td>
<td>5.00</td>
</tr>
<tr>
<td>All Colors Mixed</td>
<td>30c</td>
<td>2.60</td>
</tr>
</tbody>
</table>

If by mail, add 10 cts. per dozen to prepay postage.

This magnificent family contains hundreds of varieties, comprising all imaginable colors, shades and variegations. For cutting they are invaluable, the flowers lasting in water a week. They can be planted at any time from May to July 15th, and never fail to flower the same season; they grow in any garden soil, commence blooming in July, and by successive plantings every two weeks, can be had in flower the entire season.

TUBEROSES—DOUBLE.

The Tuberose is a beautiful, pure white, wax-like, very sweet scented, double flower, growing on tall stems, each stem bearing a dozen or more flowers. In cold latitudes, obtain tubers early, plant them in boxes of earth, and keep them in a warm place in the house; when warm weather transplant to the garden. Those who want this beautiful flower in the early winter can plant a few bulbs in pots in July or August, sink them to the rim in earth in the garden, where they can remain until the cool nights of autumn, then to be removed to the house.

TALL DOUBLE TUBEROSES.

Extra Size Bulbs—Each, 5c.; per dozen, 50c.; per 100, $3.00.

DOUBLE PEARL TUBEROSES.

Grows only twenty to twenty-four inches high. Flowers are imbricated like a double Camellia, very large.

Extra Size Bulbs—Each, 5c.; per dozen, 50c.; per 100, $3.00.

If wanted to be sent by mail, add 15c. per dozen to prepay postage.

ELEPHANT EAR—Caladium Esculenta.

The Caladium is one of the handsomest of the ornamental leaved plants. Roots obtained in the spring will make good plants in the summer, and in the fall they should be taken up and stored in the cellar. Leaves three feet or more in length, nearly as broad. There is nothing so good as the Caladium Esculenta for a grand bed of foliage in the garden or in the lawn.

Good Roots, each, 20c.; per dozen, $2.00.

Extra Large Roots, each, 40c.; per dozen, $4.00.

If by mail, add 5c. respectively, 10c. per root to prepay postage.
DOUBLE DAHLIAS.

The Dahlia is the grandest autumn flower we have. Nothing is its equal in any respect in September and October. It is in its glory when everything else is faded or fading, and surrenders only to the Frost King. Plant tubers when the season becomes warm, covering the neck three inches. If many shoots start, thin them out.

As the Dahlia is a fall flower, there is no need of planting before about the beginning of May, or even later.

Double Dahlias—Assorted colors; each, 20c.; per dozen, $2.00.

If by mail add at the rate of 35c. per dozen to prepay postage.

CHINESE PÆONIES.

Magnificent hardy herbaceous plants; they thrive in almost any soil or situation. They are perfectly hardy, require little or no care, and produce larger and finer blooms when well established.

Paeonia Rubra—Double red, changing to blush; each, 30c.

Paeonia Rosea—Double crimson, changing to rose; fragrant; each, 30c.

Paeonia Alba—Double large white; each, 40c.

Per Dozen, Assorted Colors, $3.00.

If by mail, add at the rate of 30 cents per dozen to prepay postage.

MADEIRA VINE ROOTS.

The Madeira Vine is a beautiful climber, with thick, glossy, light green, almost transparent leaves, and climbing twenty feet or more and twining any desired form. Plant the tuber out of doors in the spring, and it will commence to grow at once. The flowers are white, small, in long racemes. Plant in a sunny situation.

Price, per pound, 55c.

If wanted to be sent by mail, add 10 cents per pound to prepay postage.

JAPAN LILIES.

The most desirable of all lilies for general cultivation. They are hardy, needing very little protection and will grow and flower without any special treatment.

Lilium Japonicum Rubrum—Red Spotted, Japan Lily, strong flowering bulbs, each, 25c.; per dozen, $2.50.

Lilium Japonicum Alburn-White Spotted Japan Lily, strong flowering bulbs; each, 30c.; per dozen, $3.00.

Lilium Auratum—(The Golden Banded Lily of Japan). Immense white flowers, each petal marked with a wide gold band and spotted with maroon; very free blooming. It is considered by many the finest of them all. Strong flowering bulbs; each, 30c.; per dozen, $3.00.

If by mail, add at the rate of 40 cents per dozen to prepay postage.

CANNA, OR INDIAN SHOT.

The Canna is a fine foliage plant, growing from three to six feet. The leaves are large, glossy green, tinted with red, purple or brown, and with showy spikes of flowers in various shades of red and yellow.

Assorted varieties, per dozen, $2.00; each, 20c.

Mad. Crozier Varieties, choice sorts; per dozen, $2.50; each, 25c.

If by mail, 30 cents per dozen, to prepay postage.

IMPORTED DUTCH BULBS.

In fall we have a complete and well selected assortment of Dutch Bulbs, our own importation, direct from the best Bulb growers in Holland, and they are always of first quality.

Our assortment consists of Hyacinths, Tulips, Crocus, Narcissus, Lilies, Crown Imperials, Snowdrops, Anemones, etc., etc., all of which should invariably be planted in fall.

Bulb Catalogues and Price List ready in September and mailed free to all applicants.
Our Special Grass Mixture
For Hay and Permanent Pastures.

Can be sown in either Spring or Fall.

P.S. Co.'s Grass Seed Mixtures for Permanent Pastures consists of the following varieties: Creeping Bent, Red Top, Orchard Grass, Kentucky Blue Grass, Sheep's Fescue, Hard Fescue, Meadow Fescue, Meadow Foxtail, English Perennial Rye Grass, Italian Rye Grass, Sweet Vernal, Tall Meadow Oat Grass and some suitable Clover Seeds, etc., mixed in proper proportions.

These mixtures are particularly recommended to every farmer receiving this catalogue who desires to lay any portion of his farm to permanent pasture. We have prepared these mixtures of grasses for this purpose which we consider unequalled. They contain nothing but the most desirable varieties, such as will insure a heavy stand for a number of years. When you order, write either you want to sow on light, medium or heavy soil.

On ordinary fertile soil 50 pounds of our mixtures is sufficient to seed one acre, but where the land is poor a larger quantity will be necessary.

P.S. Co.'s Grass Seed Mixtures, for pastures .......................................................... per 20 lbs., $4.00; per 100 lbs., $18.00
Will sell 10 lbs. at 20 lb. price; 30 lbs. at 100 lb. rate.

P. S. Co.'s Lawn Grass Seeds.

A country place or city residence nowadays without its lawn is seldom seen and it is no wonder, for what more beautiful sight is there than a well-kept, carefully mown lawn? But although a good lawn may be beautiful, a poor one is about as ugly a sight as one cares to see. Appreciating this point we have taken unusual pains with our Lawn Grass Mixture, selecting nothing but the most desirable grasses, that will give a luxuriant growth, Spring, Summer and Autumn, always presenting the same green velvety appearance. With the ground carefully prepared, graded and rolled, seed sown at the rate of 70 lbs. per acre, and the lawn then frequently mown and rolled, it is within the reach of everyone, at trilling trouble and expense by sowing P. S. Co.'s Lawn Grass, to have as fine a lawn as one desires. Old lawns are greatly benefited if given a thorough raking as early in the spring as the weather will permit, and then some fresh seed sprinkled on, which will renew the thin places and spots that have been killed out by weeds or other causes.

The quantity required for making new lawns is about 70 pounds per acre, or for renovating old lawns 30 to 35 pounds. For a square 15 x 20 or 200 square feet, 1 pound is required for new, or ½ pound for renovation. In order to produce the best results, grass seeds for lawns should be sown at least twice as thickly as if sown for hay. Sow in February to May, or in October.

If wanted to be sent by mail, add 10 cents per pound to prepare postage.

P.S. Co.'s Lawn Grass Seed .......................................................... Per lb., 25c.; per 20 lbs., $4.00; per 100 lbs., $18.00
Fancy Clean Kentucky Blue Grass Seed .......................................................... 25c.; 20 lbs., 3.00; 100 lbs., 12.00
Best English Perennial Rye Grass Seed .......................................................... 25c.; 20 lbs., 2.40; 100 lbs., 10.00
White Dutch Clover Seed, Extra Choice .......................................................... 35c.; 20 lbs., 6.00; 100 lbs., 25.00
Will sell 10 lbs. at 20 lb. price; 30 lbs. at 100 lb. rate.

Plant Seed Company, 812 N. Fourth Street, St. Louis, Mo.
GRASS AND CLOVER SEEDS.

Terms: Cash with Order. Two-bushel Bags, Twenty Cents Extra Each.

**Prices of Grass and Clover Seed** given below are subject to fluctuation of the market, but purchasers may depend on having them at the price ruling from store the day of shipment, and of the best quality, and that we always will send as much seed as the money received will pay for. Express or Freight charges always to be paid by the purchaser, but if wanted to be sent by mail add at the rate of 10c. per lb. to prepaid postage. If this is omitted we have to reduce the quantity.

We will sell 100 pounds at the 20 lb. price; 100 pounds at the 100 lb. rate.

**Bermuda Grass** (Cynodon Dactylon).

Per pound, $1.50; 20 pounds, 28.00.

Only suitable for the South, where the winters are not below freezing point. It is very valuable for its drought resisting properties; it stands the hottest and driest season, and is or more than average value for stock; it being a most nutritious grass in every way, and as a summer pasture it should be planted everywhere in the South. Where it is the only grass it looks poor and brown, but it roots strongly all through the winter. February, March and April, i.e., in spring, according to latitude, are the best months to sow, eight to ten seeds of seed to the acre. The land should be in good tilth and condition for sowing, and a rolling will make a good and sufficient covering. It is slow to germinate, requiring at least thirty days under the most favorable circumstances.

Crested Dogstail Grass (Cynosurus Cristatus).

Per pound, 40c.; 20 pounds, $7.00; 100 pounds, 30.00.

This Grass may be advantageously sown on lawns and other places to be kept under by the scythe. The roots penetrate deeply, from which circumstance it remains longer green than any other variety. Sow twenty to twenty-five pounds to the acre.

Creeping Bent Grass (Agrostis Stolonifera).

Per pound, 25c.; 20 pounds, $4.00; 100 pounds, 18.00.

Very valuable for lawns, also well adapted for permanent pastures, especially in moist situations. Sow twenty to twenty-five pounds per acre.

**English Perennial Rye Grass** (Lolium Perenne Tonne).

Per pound, 15c.; 20 pounds, $2.40; 100 pounds, 10.00.

A highly esteemed grass in Europe, either for lawns or pastures. On good soil it yields a large return of valuable forage. For pasture sow about forty to fifty pounds to the acre, and for lawns about sixty to seventy pounds.

Hard or Evergreen Fescue (Festuca Duriscula).

Per pound, 20c.; 20 pounds, $3.00; 100 pounds, 14.00.

The Hard Fescue may be classed among the best Grasses for general purposes. Well adapted for sheep pasture. Sow from twenty-five to thirty pounds to the acre.

Hungarian Grass (Panicum Germanicum).

Per pound, 10c.; 20 pounds, 80c.; 100 pounds, 2.00.

A valuable forage plant. Sow broadcast at the rate of twenty to thirty pounds to the acre, and cultivate the same as Millet.

**Italian Rye Grass** (Lolium Italicum).

Per pound, 15c.; 20 pounds, $2.60; 100 pounds, 12.00.

This variety is similar to the English Rye Grass. It is very nutritious and valuable for pastures, especially for early sheep feeding; also excellent for lawns. Sow fifty to sixty pounds to the acre.

Johnson Grass (Sorghum Halapense),

*Extra Clean Seed.*

Per pound, 15c.; 20 pounds, $2.00; 100 pounds, 8.00.

A perennia, a rapid grower, long, cane-like roots, the leaf, stalk and panicle of this Grass resembles those of other Sorghums. It grows on any land where corn will grow, and, like corn, will bear heavy manuring, yielding richly in rich ground. Twenty-five to thirty pounds will sow one acre.

**Kentucky Blue Grass** (Poa Pratensis),

*Fancy Extra Clean Seed, best quality.*

Per pound 20c.; 20 pounds, $3.00; 100 pounds, 12.00.

This is the best pasturage, succeeding finely on hill lands, and producing the most nourishing food for cattle, retaining its quality to a late period in winter, and farther South affording abundant food throughout the winter. In combination with White Clover it forms the finest and closest lawns; for this purpose an extra quantity of seed should be used—say fifty to sixty pounds of Blue Grass and two pounds of White Clover per acre. If sown by itself for pasture, twenty pounds may be sufficient. Sow early in the spring or during the month of October.

**Meadow Fescue—True English Blue Grass** (Festuca Pratensis).

Per pound, 15c.; 20 pounds, $2.40; 100 pounds, 11.00.

One of the most valuable pasture Grasses; its long and tender leaves are much relished by stock of all kinds. In some Southern States it is called Randall Grass, sometimes Evergreen Grass. Sow in spring or fall, at the rate of thirty to forty pounds per acre.

**Meadow Fingall Grass** (Alopecurus Pratensis).

Per pound, 30c.; 20 pounds, $5.40; 100 pounds, 26.00.

A most valuable pasture Grass, on account of its early and rapid growth and its being greatly relished by stock of all kinds. It thrives best on a rich, moist, strong soil, and grows about two feet high. Sow sixteen to twenty pounds to the acre.

**Meadow or Wooly Soft Grass** (Holcus Lanatus).

Per pound, 20c.; 20 pounds, $3.00; 100 pounds, 14.00.

Inferior to many other sorts, but has the merit of easy culture, and accommodates itself to all descriptions of soil, from the richest to the poorest. Sow thirty-five to forty pounds to the acre.

**Common Millet** (Panicum Milliaecoeum).

Per pound, 10c.; 20 pounds, 80c.; 100 pounds, 2.00.

Sow in drills or broadcast from May 1st to June 20th, if for seed; or until the last of July, if for hay. For grain, sow in drills; use fifteen to twenty pounds per acre. If for hay, sow broadcast twenty-five to thirty-five pounds.

**German or Golden Millet.**

Per pound, 10c.; 20 pounds, 80c.; 100 pounds, 2.00.

This variety is not so early as the Common Millet, but yields a much larger crop. Sow twenty-five to thirty pounds per acre.

**Orchard Grass or Rough Cocklefoot** (Dactylis Glomerata).

Per pound, 20c.; 20 pounds, $3.20; 100 pounds, 14.00.

Well adapted for sowing under trees or orchards, and very valuable either for grazing or for hay. Sow twenty to twenty-five pounds to the acre.

**Red Fescue** (Festuca Rubra).

Per pound, 20c.; 20 pounds, $3.60; 100 pounds, 16.00.

The essential distinction of this Fescue is its creeping roots, which, in dry and sandy soil, are often as strong as those of the common Couch Grass. Well adapted for gravelly banks and dry slopes. Sow twenty to thirty pounds to the acre.
Red Top (Agrostis Vulgaris).
Per pound, 10c.; 20 pounds, $1.30; 100 pounds, 5.00.
A valuable Grass. If sown on moist, rich soil, it will grow two feet, and on poor ground, half that height. Sow fifteen to twenty pounds per acre.

Rescue Grass (Bromus Schraderi).
Per pound, 25c.; 20 pounds, $4.40; 100 pounds, 20.00.
A native of Australia; particularly recommended for resisting the drought better than any other variety, and will thrive on any soil, except where there is a superabundance of moisture. Sow thirty to forty pounds to the acre.

Rough Stalked Meadow Grass (Poia Trivialis).
Per pound, 45c.; 20 pounds, $7.60; 100 pounds, 35.00.
This is one of the most valuable of those Grasses which affect moist, rich soils and sheltered situations. Sow twenty pounds to the acre.

Sheep Fusca Grass (Festuca Ovina).
Per pound, 15c.; 20 pounds, $2.60; 100 pounds, 12.00.
This variety grows naturally on light, dry and sandy soil, and on elevated mountain pastures. Sow twenty-five to thirty pounds to the acre.

Sweet Vernal Grass (Antoxanthum Odoratum).
Per pound, 20c.; 20 pounds, $3.50; 100 pounds, 12.00.
This Grass yields a modern percentage of herbage. It is remarkable for giving out a pleasant, sweet smell during the process of drying. Sow twenty-five to thirty pounds to the acre.

Express or freight charges to be paid by the purchaser; if to be sent by mail add 10 cts. per pound to prepay postage.

CLOVER SEEDS.

Alfalfa, Lucerne or Chilian Clover (Medicago Sativa).
Per pound, 20c.; 20 pounds, $3.00; 100 pounds, 12.00.
A valuable forage plant, particularly adapted for the Southern States. It lasts from eight to ten years, as the roots penetrate from ten to fifteen feet in the ground; but it requires a deep soil, well cultivated and richly manured. The sun must have free access to Alfalfa, and the ground must be rolling to enable the water to pass off readily, for wet underground is fatal to the plant. Alfalfa claims to bear the palm as a forage plant, coming earliest in spring and remaining latest in fall. Sow in spring or fall twenty to twenty-five pounds to the acre.

Aisike or Swedish Clover (Trifolium Hybrum).
Per pound, 25c.; 20 pounds, $4.00; 100 pounds, 18.00.
A native of Sweden, perfectly hardy, and stands drought well; large return in hay, is excellent for silage, and for bees it is unsurpassed. Sow in spring or fall, about eight to ten pounds per acre.

Bokkara Clover, White (Melilotus Albus Altissimus).
Per pound, 25c.; 20 pounds, $4.40; 100 pounds, 20.00.
This is a tall, shrubby-like plant, growing to the height of four to six feet, with numerous small white flowers of great fragrance. Eight to ten pounds should be sown per acre in the spring. Hulled, extra clean seed.

Burr Clover (Medicago Maculata, California Burr Clover Spotted Medick, Yellow Clover).
Per pound, 25c.; 20 pounds, $4.00; 100 pounds, 18.00.
An excellent fodder plant for the South. The stems are creeping and soon spread over a large area. Flourishes in dry soils, and is not affected by the drought of Southern winters. The seeds are contained in small, burr-like pods, hence the name. About twenty pounds of burrs should be sown to the acre, and on good soil, lightly covered, will soon spread over the entire surface.

Crimson Trefoil or Scarlet Italian Clover (Trifolium Incarnatum).
Per pound, 20c.; 20 pounds, $3.00; 100 pounds, 13.00.
In warm climates four or five cuttings are made during the season. It grows about one foot high; makes good hay. Should be sown in Fall, about ten to twelve pounds per acre.

Esparsette or Sanforn (Hydaskarum Onobrischis).
Per pound, 15c.; 20 pounds, $2.40; 100 pounds, 10.00.
Especially adapted to dry soils, sands, gravels and barren regions, where rainfall is scarce and irrigation easily obtainable. To produce a good stand, forty to fifty pounds should be sown to the acre.

Honey or Bee Clover (Melliotus Coruleus).
Per pound, 35c.; 20 pounds, $6.00; 100 pounds, 27.00.
As the name indicates, this Clover is very valuable to bee keepers. It will take eight to ten pounds to sow an acre. Sow in spring.

Japan Clover (Lespedeza Striata).
Per pound, 20c.; 20 pounds, $3.60; 100 pounds, 16.00.
A low perennial of spreading habit, adapted by nature to withstand excessive drought. It flourishes on the poorest soils, and is very valuable in the South. Sow in spring, about 15 to 20 pounds to the acre.

Red Clover (Trifolium Pratense).
Per pound, 15c.; 20 pounds, $2.80; 100 pounds, 12.50.
This invaluable plant succeeds on any soil of moderate fertility if sufficiently dry. May be sown in autumn or winter in the South, or in this latitude upon the snow, immediately previous to its disappearance, by which the seed is distributed with regularity and carried down into the crevices of the soil. From eight to ten pounds of good seed is required for an acre.

 Sapling or Mammoth Clover.
Per pound, 20c.; 20 pounds, $3.00; 100 pounds, 12.00.

White Dutch Clover (T. Repens).
Per pound, 35c.; 20 pounds, $6.00; 100 pounds, 25.00.
An excellent pasture Grass, forming in conjunction with the Kentucky Blue Grass, the finest and most nutritious food for sheep and cattle. It is also a favorite resort for the honey bee. It succeeds on all rich, clayey lands, if not too wet. It takes six to eight pounds for an acre.

Yellow Trefoil Clover (Medicago Lupulina).
Per pound, 25c.; 20 pounds, $4.40; 100 pounds, 20.00.
A variety with yellow flowers, of spontaneous growth. Sow in March or April, about eight to ten pounds per acre.
A NEW OAT FOR 1894.

THE GREATEST NOVELTY IN THE OAT LINE IN RECENT YEARS.

BLACK MAMMOTH CLUSTER.

Price: One pound, postpaid, 30c.; 6 pounds, $1.00.
By Express or Freight, charges paid by the purchaser.
Per peck, $1.00; ½ bushel, $1.50; 1 bushel, $3.50;
2½ bushels, $5.00; 10 bushels, $17.50.

This new Black or Bronze Oats—"The Black Mammoth Cluster"—is the greatest novelty in the Oat line in recent years; never before catalogued by any seedman, and offered this year for the first time through our house. This new Oat originated in Western New York and was put out last year by one of the most reliable seed-grain growers of the State, just an acre each among twenty farmers, on all kinds of soil along side of all the standard varieties of oats, so as to give them a thorough test; the result of this method of testing them is unsurpassed, the three highest yields being 114, 105 and 104 & 1/2 bushels per acre respectively.

The average yield of 20 acres, all on different farms, was 87 bushels, 10 pounds per acre, an average of some 30 bushels per acre more than the different kinds that grew along side of them—what better proof could there be of the superiority of the "Black Mammoth Cluster" over the standard varieties of oats?

There are thousands of farmers who would buy a new black or bronze oat if they thought they would yield as well or better than the old "Black Tartarian," when just introduced. The "Mammoth Cluster" is superior to the Tartarian in every respect. It is early, has a very stiff straw—standing up well—a very strong grower, bearing along a long head, with the grains set thickly together. The illustration shows the habit of growth as it is made from a photograph, taken from heads which were over one-fourth in length. We advise every intelligent farmer who receives this Catalogue, to try this wonderful, prolific oat, and as we have put prices very low, he must conclude that it is to his advantage to sow a small or large lot of it, and we candidly believe the larger the investment of seed, the greater will be the profit in the crop.

SEED GRAIN.

SPRING SEED WHEAT.

Sow about two bushels to the acre.
Per peck, 50c.; bush., (60 lbs.) $1.75.

SEED BARLEY.

Sow about two bushels to the acre.
Barley, Common—Market price.

SEED RYE.

One and a half bushels to the acre.
Seed Rye, Common—Per bushel, (66 lbs.) $1.00.

SEED OATS.

Sow about three bushels to the acre.
Wide Awake Oats—This is one of the most productive varieties in cultivation, stools heavily, with extra strong, straight straw, standing well; succeeding in a wide range of climate and under a great variety of soils and methods of culture.
Per peck, 35c.; bush., (32 lbs.) $1.00.

TERMS: CASH WITH ORDER.
Express or Freight Charges always to be paid by the purchaser.

White Russian Oats—The White Russian Oats are prolific, and with ordinary cultivation will yield 75 to 100 bushels per acre. They are extremely hardy, enduring the coldest climate in our country without injury, and are absolutely rust proof.

Per peck, 35c.; bush., (32 lbs.) $1.00.

WINTER SEED WHEAT.

We always endeavor to have a full stock of choice Seed Winter Wheat on hand for fall sowing in due season. All the New and Newer varieties we have grown for us especially for Seed purposes, and our customers when buying from us can rely upon getting the genuine article, grown from select original stocks.

Our Seed Wheat Circular will contain full description and prices of all the different varieties we will have for sale. Ready about first week in September; if wanted, write for it; it will be mailed free to all applicants.
FARM AND FIELD SEEDS, ETC.

Terms: Cash with Order. Prices subject to fluctuation.

Freight charges always to be paid by the purchaser. If by mail 10 cents per pound must be added for postage.

DWARF FIELD BEANS.

It takes one and one-half to two bushels to plant an acre. If by mail add 15 cents per quart for postage.


Quart, 15c.; peck, $1.00; bush., 3.00.

Boston Small Pea or Soup Bean—Very early, hardy and prolific. The ripened seed is white, small, round and handsome. The vine is a rank grower, with profuse foliage, and the pods grow mainly in clusters of four.

Quart, 15c.; peck, $1.00; bush., 3.00.

Prolific Tree Beans—Growing about twenty inches in height, branching out in all directions, bearing its pods so high that they do not touch the ground. They resemble the common Navy Beans, more rounded at the ends and very white, cooking in less time.

Quart, 50c.; peck, $1.25; bush., 4.00.

BROOM CORN.

Requires similar soil and culture as corn, but should be planted later. It is frequently planted in drills three and a half feet apart, leaving the plants six inches apart. Six pounds is sufficient to plant one acre.

Improved Evergreen Broom Corn—Grows about eight to ten feet high, stands up well, and is entirely free from crooked brush. The fibre is long and fine. Its greatest value to growers is in the fact that it will not get red in the field before it is cut, but is strictly a green variety of brush, and will always command the highest price.

Per peck, 50c.; bush. (65 lbs.), $1.50.

BUCKWHEAT.

Should be sown at the rate of from two to three pecks per acre. The average yield is about thirty bushels per acre. Should be threshed as soon as dry, on the ground or barn floor. If allowed to stand in mass it quickly gathers moisture.

Common—The old well-known sort. Market price.

Silver Hullsed—Is longer in bloom than the ordinary sort. The husk is very thin, grain is rounder, of a beautiful light grey color.

Per peck, 40c.; bush. (62 lbs.), $1.25.

Early Japanese—Sown at the same time with Silver Hull, it proved two weeks earlier and yielded twice as much. The kernels are twice the size of any other buckwheat, of a rich, dark brown color, and manufacture a superior flour. Owing to its branching character, only one-half as much is required per acre, while the straw is much stiffer and stands up better.

Per peck, 50c.; bush., $1.50.

FIELD PEAS.

Sow one-half to two bushels to one acre. These are sown for making truck, for split peas or for fodder for stock.

White Canada Field—

Peck, 50c.; bush. (60 lbs.), $1.50.

COW OR SOUTHERN PEAS.

Sow from one and one-half to two bushels to the acre.

Black Eye—Seed large, round, oblong; creamy white, with a large black eye.

Peck, 60c.; bush., $2.00.

Clay Colored—Large seed of a blue clay color.

Peck, 60c.; bush., $2.00.

Whip-Poor-Will—These seed are large, speckled brown in color.

Peck, 60c.; bush., $3.40.

CANE OR SORGHUM.

Plant in warm, corn soil, in drills three to four feet apart. Sow about five pounds of seed per acre for syrup and fifty pounds for fodder.

Early Amber Cane—

Per lb., 10c.; peck, 40c.; bush. (50 lbs.), $1.25.

Early Orange Cane—

Per lb., 10c.; peck, 40c.; bush. (50 lbs.), $1.25.

Non-Saccharine Sorghums.

These varieties bear dry weather well. They grow on any land where corn will, even on land too poor for corn. It takes from five to six pounds to plant one acre.

Kafir Corn—

Per lb., 10c.; 10 lbs., 75c.

White Branching Doaura (White Millo Maize)—

Per lb., 10c.; 10 lbs., 75c.

Yellow Branching Doaura (Yellow Millo Maize)—

Per lb., 10c.; 10 lbs., 75c.

Jerusalem Corn—

Per lb., 10c.; 10 lbs., 75c.

FIELD LUPINS.

The Lupin is one of the best plants known for soil ing. Weight per bushel, 69 pounds.

White ..... per lb., 10c.; peck, $1.25; bush., 4.50.

Blue ..... " 10c.; " 1.25; " 4.50.

Yellow ..... " 10c.; " 1.25; " 4.50.

SPRING VETCHES OR TARES.

Vetches are grown for a forage crop. Sow two to three bushels per acre.

Per lb., 10c.; peck, $1.25; bush. (60 lbs.), 4.00.

SUNFLOWER SEED.

Large Russian—

per lb., 15c.; 10 lbs., $1.25.

WILD RICE.

Zizania aquatica—An annual which sows itself in the fall, about middle of September, lies dormant all winter; in spring commences to sprout, as soon as the water gets warm, reaching the surface during the first half of June. It grows very rapidly, in one to eight feet of water.

Per lb., 50c.; 10 lbs., $3.00.

BIRD SEED.

Our Bird Seeds are always reclaimed, fresh and sweet.

Mixed Bird Seed ........................................... per lb., 10c.; 3 lbs. for 25c.

Mixed Canary and Rape Seed .......................... " 10c.; 3 lbs. for 25c.

Clear Canary Seed ....................................... " 10c.; 3 lbs. for 25c.

Hemp Seed ................................................ " 10c.; 3 lbs. for 25c.

Rape Seed ................................................ " 10c.; 3 lbs. for 25c.

Maw Seed .................................................. per lb., 25c.

Lettuce Seeds for Birds .................................... per oz., 10c.

Sunflower Seed for Parrots .............................. per lb., 25c.

Cuttle Fish Bone .......................................... per oz., 5c.

Canary Bird Treat ......................................... 10c. each, 3 for 5c.

Peters' Mocking Bird Food .............................. per bottle, 40c.
THE "PLANET JR." GARDEN TOOLS.

This very complete line of Tools is popular, and quite deservedly so. They are reliable and accurate, and do not get out of order.

The "Planet Jr." Hill Dropping Drill.

Has two carrying wheels, fifteen inches high and six inches apart, has a rubber double screw agitator and a two-quart hopper. It sows in drills or drops in hills, as desired, either four, six, eight or twelve inches apart, and can be altered from one to the other in an instant. Does not sow when going backward or turning at end of row, and is altogether the most practical and accurate seed sower ever introduced.

"Planet Jr." Combined Hill Dropping Drill

The "Planet Jr." Hill Dropping Drill.

"Planet Jr." Combined Hill Dropping and Fertilizer Drill.

This is the same as the New Hill Dropping Seed Drill, except that it has a fertilizer sowing attachment. It works in a most perfect and regular manner, sowing any desired quantity, and is so arranged that the Fertilizer can be placed either above or below the seed, covering it lightly. This machine is a perfect and invaluable tool for every market gardener, onion and strawberry grower.

"Planet Jr." Combined Hill Dropping and Fertilizer Drill.

"Planet Jr." Combined Hill Dropping and Fertilizer Drill.

THE "PLANET JR." No. 2 SEED DRILL.

"Planet Jr." No. 2 Drill—It has the following important advantages: An adjustable opening plow directly between the carrying wheels, the only position and plan which insure opening and covering at a regular depth. It is shown in the engraving at work. A spring back reservoir, which can be accurately and instantly adjusted a hair's breadth at a time to every kind of seed, which it always sows with regularity, whether there is much or little in the hopper. Weight, packed, forty pounds.

"Planet Jr." Combined Hill Dropping and Fertilizer Drill.

THE "PLANET JUNIOR" COMBINED SEED DRILL.

It is, without doubt, the very best Seed Machine made for the two purposes, and does both well. The cultivating attachments furnished with each drill are a plow, a pair of protecting curved point hoes, a set of three cultivator teeth, and a pair of rakes. All the blades are steel, hardened in oil, tempered and polished. A wrench accompanies each machine, and full directions for use. By removing the roller and using the holding hoes, seed can be dropped and covered deeply. It can be seen that it is an excellent sower; it is a first-class double wheel hoe while plants are small; it is a first-class single wheel hoe; it is an excellent wheel scuffle hoe; it opens furrows for corn, beans and potatoes, and covers them; it is an admirable wheel cultivator. Weight, packed, forty pounds.

"Planet Jr." Combined Seed Drill.

"Planet Jr." Combined Seed Drill.

THE "PLANET JR." TWELVE TOOTH (SCRATCH) HARROW, CULTIVATOR AND PULVERIZER COMBINED.

This valuable tool is the very best and finest known for its intended purpose. It, too, is provided with the "81 Lever Wheel, and also with a thorough Pulverizer Attachment, which leaves the ground in the finest condition. The Pulverizer is controlled by a lever, which can be operated in an instant by the foot, while in motion. For fine cultivation, either deep or shallow, this tool has no equal. P. S. Co.'s Price.

The Planet Jr. Scratch Harrow, Cultivator, with Expander, Lever Wheel and Pulverizing Attachment $8.00
The Planet Jr. Scratch Harrow, Cultivator, with Expander and Lever Wheel, no Pulverizer $6.50
The Planet Jr. Scratch Harrow, Cultivator, with Expander, Plain, no Wheel and no Pulverizer $5.50

Complete "Planet Jr." Catalogue Describing Horse Hoes and Hand Machines sent on application.
The "PLANET JR." DOUBLE WHEEL HOE.
Weight, 25 lbs. P. S. Co.'s Price, $6.00.

Cultivator, Rake and Plow Combined.

"PLANET JUNIOR" DOUBLE WHEEL HOE, Cultivator, Rake and Plow combined, has the invaluable feature of tending both sides of the row at once. The wheels can be set four, seven or ten inches apart. It has a pair of hoes, a pair of plows, two pairs of cultivator teeth, a pair of rakes and a pair of leaf lifters, making it capable of every variety of gardeners' work.

THE "FIRE-FLY" SINGLE WHEEL HOE.
Cultivator and Plow Combined.

Weight, 20 lbs. P. S. Co.'s Price, $4.00.

This convenient tool combines lightness and strength with great adjustability. The tools are a pair of admirable hoes, a set of three reversible cultivator teeth, and a large, excellent garden plow. The whole tool is light and strong.

The "PLANET JR." SINGLE WHEEL HOE.
Cultivator, Rake and Plow Combined.

Weight, 30 lbs. P. S. Co.'s Price, $5.00.

"PLANET JR." SINGLE WHEEL HOE.
This tool combines lightness, great strength, variety, and adjustability of tools. It has one pair of garden rakes, one pair of long hoes, one set of reversible cultivator teeth, a large garden plow and a leaf-guard.

THE "FIRE-FLY" WHEEL GARDEN PLOW.

Weight, 12 lbs. P. S. Co.'s Price, $2.00.

Makes the care of a vegetable garden a pleasure. It takes the place of the plow or cultivator, requiring no wide headlands to turn on, and is invaluable during all the gardening season.

The Planet Jr. All Steel Horse Hoes and Cultivators.

"PLANET JR." ALL STEEL HOE AND CULTIVATOR COMBINED, WITH WHEEL.—This excellent tool is made entirely of iron and steel, except the handles; has a patent lever expanding frame which can be closed to five inches or opened to twenty-four; has a side adjustment for the handles, by which they may be set from one side to another by loosening a single bolt; has a lever wheel by which it may be changed to any depth in an instant; and is provided with such a variety of adjustable teeth as enables it to do all kinds of one-horse cultivation. The front two teeth are three inches wide, and of a form as is best adapted to enter the soil, cut off the roots of growing weeds, and turn them upside down, thus preparing for the easy working of the rear blades. The cultivator teeth can be set to work deep or shallow, as desired. The patent side steels are five inches wide and by means of the patent side standards can be turned at any angle desired, or completely reversed. This feature is found on the "Planet Jr." Horse Hoe alone. The rear steel is seven inches wide, and designed to fill in the furrows made by the side steels, leaving a finely shaped bed around the plants. The tool is also furnished with a plain cultivator.

P. S. Co.'s Price.
The Planet Jr. all Steel Horse Hoe, Cultivator, Lever Expander, with Lever Wheel. Weight, 75 lbs. $8.00.
The Planet Jr. all Steel Horse Hoe, Cultivator, Lever Expander, without Lever Wheel. Weight, 60 lbs. 6.00.
The Planet Jr. all Steel Cultivator, with Lever Expander and Lever Wheel. Weight, 60 lbs. 5.00.
The Planet Jr. all Steel Cultivator, with Lever Expander without Wheel. Weight, 50 lbs. 4.00.
THE ILLUSTRATION represents the Latest Improvements in Seed Drills by Mr. A. H. Matthews. It will be seen by the cut that the handles are now bolted to the frame of the machine and can be fixed at any height.

**MATTHEWS' LITTLE GEM SEED DRILL.**

This is an excellent low-priced reliable Seed Drill. "The Little Gem" will make the drill, drop and cover all seeds, such as TURNIP, CARROT, SAGE, SPINACH, ONION, PARSNIP, BEET, etc., and mark the next row as perfectly as the best ten dollar drill, and yet it costs only half the price. It has proved a "decided hit" for those who plant vegetables for home use, and whose root growing is not extensive enough to warrant them in buying a large drill. It weighs only twenty pounds, is a little beauty, and will last many years.

**Cahoon's Broadcast Hand Seed Sower.**

This Broadcast Sower is the best one of its kind in our market. The grain is held in a light sheet iron hopper, surmounted by a bag which will hold half a bushel of seed. The seed is thrown from eight to twenty feet on each side of the operator, the heaviest seed being, of course, thrown to the greatest distance. With this machine, at a common walking gait, you can sow from three to four acres per hour.

Circular sent with each machine.

**Price, Boxed.** $3.00.

It may be used in field or garden, and, when in use, it opens the furrow, drops the seed evenly and at the required depth, covers it, and lightly rolls the earth over the seeds (causing them to germinate), and marks the next row, all at one operation, with great mechanical precision. It is well and thoroughly made, and fully warranted to sow, with evenness and regularity, all the different varieties of vegetable seeds. It has never been denied that the Matthews has no superior. Has had for years the most extended sale of any tool of its kind. A special feature of this Drill is the Steel Dial Gauge and the Shut-Off Attachment. This connects a small slide beneath the hopper by a chain and ring along the handle to the hand of the operator; by this the dropping of seed can be instantly stopped. By dropping the ring the seed spout is again opened.

**OLMSTED'S RELIABLE MOLE TRAP.**

In this we have a useful trap. It is so simple in construction and so safe to handle, that a child may set it with the same facility as a grown person. It combines all the good points of traps of similar make, and on account of low price has become very popular.

**Price, $1.50.**

Express to be paid by the Purchaser.

**Hazeltine's Hand Weeder and Scraper.**

One-sixth of Full Size.

This is the most practical, thorough, rapid and easily managed weeder for Strawberries, Flowers, Onions and all small vegetables ever known. Blade is solid steel, oil tempered, 3/4-inch wide, 3/4-inch thick, and has fine, sharp edges. It is easily sharpened, and a child can use it.

**Price.** $1.25 EACH.
POULTRY SUPPLIES.

Express or Freight Charges always to be paid by the purchaser.

"You can feed for Eggs just as you can for Milk, Beef or Fat Pork," and you can get plenty of

EGGS AT ALL SEASONS

BY USING

Rust’s Egg Producer

TRADE (THE HEN PERSUADER.) MARK.

This preparation supplies just what nature needs for producing Eggs, Plumage, Growth and Development, and in the exact proportions required. This exactness makes it so much more effective and economical than other preparations or home-made mixtures.


25c. 50c. $1.00 $1.50 $3.50

If wanted to be sent by mail add 16c. per pound to prepay postage.

HAVEN’S CLIMAX CONDITION POWDER—The only positive preventive and care for Gapes and Poultry Cholera. All who have used Haven’s Climax Condition Powder once will have it again. Price, 1 ounce package, 25c.; if by mail, 50c. extra for postage. Five pound box (equal to six packages), express charges to be paid by purchaser, $1.00.

HAVEN’S ROUP PILLS—For the care of Roup, Catarrh, Cold and Distemper. Price per box, 25c.; 5 boxes, $1.00; postpaid.

CRUSHED OYSTER SHELLS, For Fowls—Prepared from oyster shells thoroughly washed, dried and made sweet. Per 10 lbs., 50c.; 20 lbs., 50c.; 50 lbs., 50c.; 100 lbs., $1.50; per ton (2,000 lbs.), $2.50.

BONE FLOUR FOR CHICKENS, Fe—Made from carefully selected bone ground to a flour, making a sweet, stimulating and highly nutritious food, which fowls and pugs eat greedily. Per 10 lbs., 40c.; 20 lbs., $1.00; 50 lbs., $1.75; 100 lbs., $3.50.

CRACKED BONE, For Fowls—Made from white, selected bone, and reduced to about the fineness of cracked corn. Per 10 lbs., 40c.; 25 lbs., $1.00; 50 lbs., $1.75; 100 lbs., $3.50.

FERTILIZERS.

FOR THE GARDEN, FARM AND LAWN.

Terms: Cash with Order. Freight Charges Always to be Paid by the Purchaser.

Ground Bone Meal for Farm Purposes consists of bone with more or less flesh, etc., adhering, subsequently pulverized. It contains a high percentage of phosphate of lime, the phosphoric acid of which is soon available to the plant, and there is also nearly three per cent. of nitrogen, available in part, at once, and the rest during the season. It will take from 200 to 500 pounds to the acre, according to crop. Per 10 lbs., 40c.; per 25 lbs., 75c.; per 50 lbs., $1.25; per 100 lbs., $2.00; per ton (2,000 lbs.), $35.00.

Plain Superphosphate—This contains no ammonia or potash, but twelve to fifteen per cent. soluble and available phosphoric acid. Per 100 lbs., $1.75; per ton (2,000 lbs.), $32.00. We do not sell less than 100 lbs.

Peruvian Guano, First Quality—Guano contains phosphate of lime in a very easily soluble condition, a large quantity of ammonia, and a small quantity of potash. The quantity applied per acre varies with soils and crops, from 200 to 500 pounds; but it must always be employed with caution. Per 10 lbs., 75c.; per 25 lbs., $1.50; per 50 lbs., $2.50; per 100 lbs., $4.50; per ton (2,000 lbs.), $75.00. Less than 10 lbs., 10c. per lb.

Nitrate of Soda—95 to 98 per cent. purity, 18% to 19% per cent. ammonia. Sow 400 to 500 pounds to the acre. Per 25 lbs., $1.25; per 50 lbs., $2.50; per 100 lbs., $4.00; per ton (2,000 lbs.), $70.00.

Land Plaster or Gypsum seems to have a specific effect upon clover, and is useful upon potatoes, grass and grain. Per bbl. (about 275 lbs.), $1.75; 5 bbls., $8.50; 10 bbls., $16.00; F. O. B. St. Louis. We do not sell less than a barrel.

P. S. Co.’s Universal Fertilizer is guaranteed to be uniform in composition, to contain not less than five per cent. of ammonia, four per cent. of actual potash, and 8 per cent. of soluble phosphoric acid. To give a spoonful to each hill of corn requires about 400 pounds to the acre; wheat requires 200 to 500 pounds; rye, 300 to 500 pounds; oats, 200 to 400 pounds; grass, 200 to 500 pounds; buckwheat, 150 to 250 pounds; potatoes, 250 to 500 pounds; turnips, 200 to 300 pounds; roots in drills, 200 to 300 pounds. Garden soil for general crops requires 400 to 600 pounds, well mixed, etc. Per 25 lbs., 75c.; per 50 lbs., $1.25; per 100 lbs., $2.25; per ton (2,000 lbs.), $40.00.

Lawn Fertilizer or Lawn Enricher—A clean, portable and convenient lawn dressing, for New or Old Lawns. The quantity required per acre varies according to the condition of the lawn, from 800 to 1,000 pounds; for a space 12 x 20 feet or 300 square feet, a 10-pound package will be sufficient. Per 5 lbs. 25c.; per 10 lbs., 40c.; per 25 lbs., 75c.; per 50 lbs., $1.25; per 100 lbs., $2.25; per ton (2,000 lbs.), $40.00.

Bowker’s Food for Flowers (For House Plants)—An excellent fertilizer for house plants. Clean to handle, without odor, produces rich, green growth and profusion of flowers, if used according to directions which accompany each package. Small package, 15c., or by mail, 20c. Large package, enough for twenty plants, six months, 25c., or by mail, 40c.