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J.S.

W. W. TRACY, Jr.

U. S. Department of Agriculture
Washington, D. C.

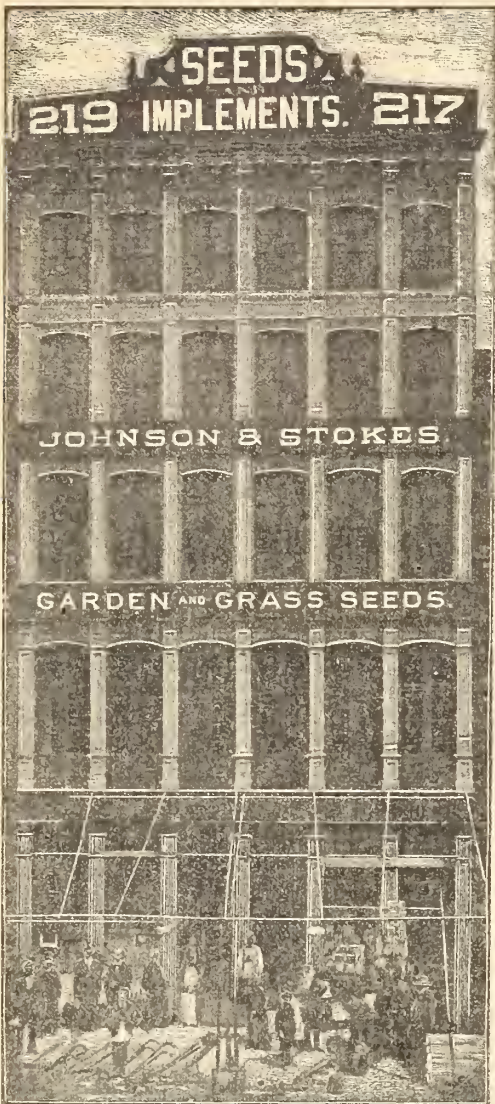
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JOHNSON & STOKES



QUICK CASH
CABBAGE

GARDEN AND FARM MANUAL 1905



OUR DOUBLE SEED WAREHOUSES

Located on the principal business street of Philadelphia, Nos. 217 and 219 Market St., extending through the block to Nos. 206 and 208 Church St., are the largest in the East, and afford us every facility for the conduct of a large business, being especially arranged to accommodate the various departments of the Seed business. Visitors to Philadelphia are always welcome at our business offices as well as at Floracraft.

Philadelphia, Pa., Jan. 1, 1905.

To Our Friends and Customers:

For nearly twenty-five years we have been catering to the most critical and exacting class of market gardeners in this country. It has been our endeavor from the commencement, not only to supply strains of absolute purity, but we have been among the leaders in the trade in keeping up *improvement in varieties*. The successful gardener knows the value of these, and is always willing to test a "novelty" offered by a seedsman in whom he has confidence. While every so-called "novelty" does not turn out, after the critical grower's test, to be as valuable as it was anticipated, yet the progressive gardener cannot afford to pass them by without careful experiment, as in many instances he is in this way enabled to get into the market with profit before his less enterprising neighbor.

Fortunate is the seedsman who can find and introduce a novelty of sterling merit, as it gives him a prominence in the trade and in the confidence of the enterprising grower. Our record in introducing new and improved varieties has been a long and successful one. We have thousands of letters on file, testifying to the merits of our introductions of this character.

In price, we do not attempt to compete with all, but endeavor to excel in quality, and make a charge which is fair to our good customers and honest to ourselves.

In the *matter of catalogue illustration*, we were the first seedsmen in this country to trust entirely to *photographic reproduction*. This has given our Manual a deserved reputation for truthfulness and accuracy. Our photographs have won for us the attention of thousands of seed buyers, and it has been our endeavor to hold their confidence by meeting the promises of our catalogue, both as to descriptions and illustrations.

Directions for ordering, modes of remitting and liberal discounts will be found on page 13.

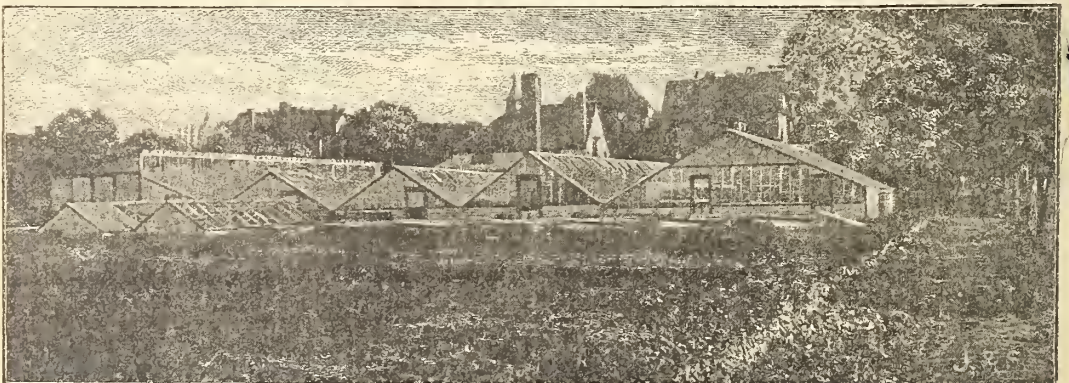
For complete index of this Catalogue, see last page.

Johnson & Stokes

217-219 MARKET STREET

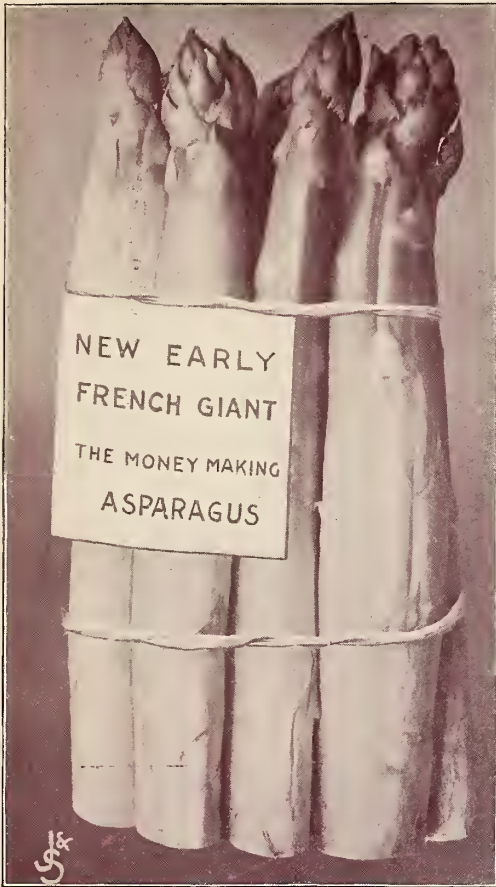
PHILADELPHIA.

Copyright, 1905



A PARTIAL VIEW AT FLORACROFT SEED GARDENS AND TRIAL GROUNDS

Novelties and Specialties in Vegetables



New Asparagus

Early French Giant

The Earliest—Large and Prolific

This new sort, the seed and roots of which we offered for sale for the first time last Spring, is a great improvement on the popular Palmetto or French Argenteuil asparagus, which was first brought to this country by Mr. John Nix, the largest asparagus grower of South Carolina. The roots were imported from Mr. Louis Lérault de Argenteuil, of France, and have proven this new asparagus to be not only 10 days earlier than Palmetto, but of larger size and superior in flavor and color. In New York market, the past two seasons, it sold for \$5.00 per dozen, while other varieties only brought \$1.50 to \$2.00 per dozen. It is by far the most promising asparagus, as a money maker, that can be grown. Our seed and roots are from the original importation that has attracted so much attention and sold so high in New York. Prices of seed: Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25. Good, strong 1 year old roots, 50 for 75c.; 100 for \$1.25, by mail, postage paid; by express or freight, \$1.00 per 100; \$7.00 per 1,000. Two year old roots, \$1.25 per 100; (by mail, postpaid, 50 roots for 85c.; 100 for \$1.50); \$7.50 per 1,000 by freight or express (500 roots at 1,000 rate).

NEW ROUND POD KIDNEY WAX

The Best Wax Bean Yet Introduced

Since our introduction of this valuable bean in 1901, it has rapidly grown in popularity with market gardeners, who now grow it in preference to all others. It originated with N. B. Keeney & Sons, the well-known bean experts of New York State, and is the first round-podded Wax Bean we have ever found possessing the excellent market and shipping qualities of the popular Wardwell's Kidney Wax. The plant grows tall, strong and sturdy, with long, round, handsome, stringless pods of large size, very solid and full of meat, crisp, brittle and free from rust; wonderfully early and productive. Seed grown by the originator. Pkt., 10c.; pint, 30c.; qt., 50c., by mail, postage paid. By freight or express, qt., 35c.; peck, \$2.50; bushel, \$9.00.



Average pods of New Round Pod Kidney Wax Bean.



LANNIER'S SUPERBA BEET.

LANNIER'S SUPERBA BEET

The Most Perfect Beet in Existence

For more than fifty years Mr. William Lannier, one of the oldest and best-known market gardeners near Philadelphia, supplied the early and late markets with the handsomest and most salable beets that could be had, and Lannier's Beets, as they were called, became much sought after by the best commission merchants of New York, Boston and Philadelphia. During all these years Mr. Lannier selected with a critical eye the most perfect beets from each crop for seed stock to plant for his own use, never allowing himself to purchase seed for planting from any one. This new beet is the result of all these years of such careful and intelligent selection, and in it we believe the acme of perfection has been reached in beet culture. The photographic illustration gives an idea of its beautiful bell shape, between a turnip and a half-long beet. It is a strong, vigorous grower, producing marketable beets very early, quite as early as the Extra Early Egyptian, but far surpassing it in size and tender quality, and of a dark splendid carmine color. Price, pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; 1b., \$1.50.

Ruby Dulcet Beet

The Ruby Dulcet is more of a globe shape than the Superba; not quite as early, but in every way is a superior market sort; small top, blood red, free from fibrous rootlets and with a very slender tap root. The skin and flesh are a deep rich purplish crimson, fine grained, and sweet and tender in all stages of growth. Price, pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; 1b., \$1.10.

The Longfellow Bush Bean

(GREEN-PODDED)

**Extra Early, Very Prolific, Tender,
Delicious Quality**

The Longfellow is an ideal snap bean, a prolific producer of perfectly round, straight, solid, fleshy pods, averaging $6\frac{1}{2}$ inches long, exceedingly tender and brittle, without any tough interlining, and without string when broken. The delicate green color of the pods, which is retained after cooking, adds to its attraction. Plants are of robust, compact habit, a very heavy cropper. It is extra early, the pods being fit to pick four days in advance of any other variety of equal size and merit. Price, pkt., 10c.; pint, 30c.; quart, 50c.; by mail, postpaid; by freight or express, quart, 35c.; peck, \$2.50.



RUBY DULCET BEET.

JOHNSON & STOKES' QUICK-CASH CABBAGE

The Earliest and Hardest Flat-Headed Cabbage



JOHNSON & STOKES' "QUICK-CASH" CABBAGE.

Johnson & Stokes' Quick-Cash Cabbage is a cross between our **Johnson & Stokes' Earliest** and **Early Spring**, made and successfully bred for us by one of the largest cabbage growers of Long Island. It is fully as early as the celebrated **Johnson & Stokes' Earliest**. Some growers who tested it the past season claim it is even earlier than that wonderful variety. It has an advantage, however, in being a round or flat-headed cabbage, which type is generally preferred to pointed heads. It grows to good size for so early a variety. The stem is short, leaves finely veined, heads very solid, with few outer leaves. It has the peculiarity of heading firmly at a very early stage of growth, so that cabbage of the finest edible and market quality can be obtained long before it has reached its mature size. These advantages, together with its large yield per acre, make it the most profitable and desirable early cabbage that can be grown for either the market or home garden. **Prices for 1905:** Per pkt., 15c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.00; lb., \$6.50.



CUTTING A "QUICK-CASH" CROP OF QUICK-CASH CABBAGE.

EARLIEST OF SIX EXTRA EARLY SORTS

R. A. CALVIN, Lawrence, Mich., August 12, 1903, writes: "I planted your new 'Quick-Cash' Cabbage this season at the same time with six other extra early varieties, and had yours in the market ahead of all the rest. It was very crisp, and more solid at the core than the others."

A WEEK EARLIER THAN ANY OTHER

CHAS. G. ADDISON, Springfield, Md., July 20, 1903, writes: "I have tested your new 'Quick-Cash' Cabbage impartially with my favorite early varieties, and found that from the start it took the lead of all others and held it to the end. They are at least a week earlier than any other, and are remarkable for their solidity and sure heading qualities."



EARLY GIANT LEADER CABBAGE.

Early Giant Leader Cabbage

This grand new cabbage is the earliest of all large cabbages having flat heads. It follows our Quick Cash Cabbage in about two weeks, making very much larger heads, remarkably solid and uniform in color, form and size. In tenderness they surpass all other cabbages, as a result of their rapid growth. The seed that we offer is pedigreed stock, carefully developed by close selection, both for earliness and size, and is without any question the best, most uniform and truest stock of early large-headed summer cabbages known. Makes equally good cabbages for winter use, being solid and hard to the centre. Per pkt., 15c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.00; lb., \$6.00.

Enkhuizen Glory Cabbage

**New, Large, Early, White,
Solid**

Last season, at our Floracraft Trial Grounds, this new cabbage from Holland attracted the favorable comment of every visitor by its absolutely uniform, large, very solid heads. It is very early, coming in with the Early Flat Dutch, but at the same time making fine, large, ball-shaped heads, particularly attractive for market purposes. Owing to its very rapid growth, the leaves are very tender, thin ribbed and fine grained. The centre is white, with very few outer leaves in proportion to the size of the head. It will be found a very desirable sort for an early summer market, and we advise all of our market gardener customers to give it a careful trial.

Price, per pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 90c.; lb., \$3.00.



ENKUIZEN GLORY CABBAGE.

Early Danish Roundhead Cabbage

An Earlier Short-Stemmed Type of the Famous "Danish Ballhead"

This new type has very round, solid, heavy heads on short, thick stalks, and is less liable to be bent over by storms than taller varieties. The heads average larger in size than those of the Ballhead type, and are heavier in weight than heads of even larger size of the best American varieties. The interior leaves are bleached to the purest whiteness.

Per pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

SEDALIA, COL., October 30, 1904.

Messrs. Johnson & Stokes.

DEAR SIR:—I must say your Early Giant Leader Cabbage is a very fine second early variety. It headed up fine and solid, although set out very late; large size and very fine every way; hard to beat. I am pleased to tell you I won first prize on your Santa Rosa Tomatoes at our Douglas County Fair.

Yours very truly,

JAMES D. PERRY.

New Sweet Corn PEEP O' DAY

The two points of this remarkable corn are its extraordinary earliness and unparalleled sweetness, surpassing in these particulars any other known variety, early or late, so that with this corn the usual practice of planting several varieties in succession is unnecessary, as you can now plant the PEEP O' DAY exclusively, arranging the plantings a week or two apart, so as to have this delicious corn throughout the entire season.

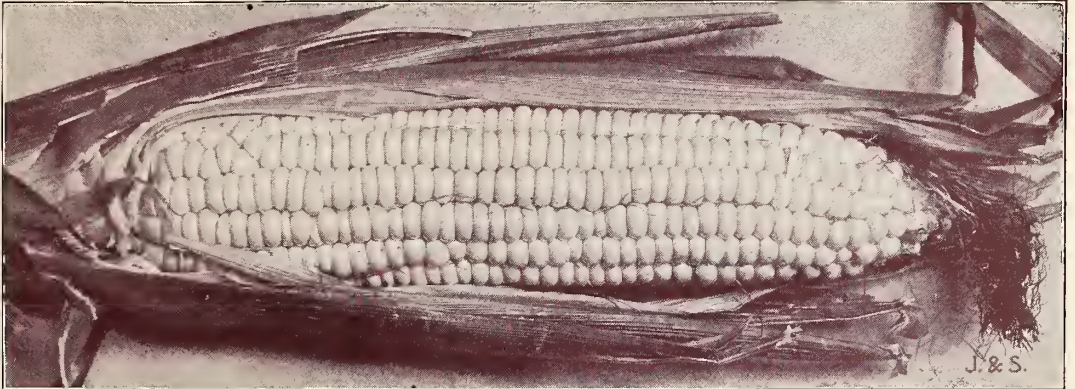
It is also wonderfully productive. The early varieties of sweet corn do not, as a rule, yield as heavily as the later sorts; but owing to the fact that the stalks bear from two to five ears each, and that they are very dwarf, which admits of their being planted close together, it not only gives an early yield, but it gives one of great productiveness as well, sometimes doubling the yield per acre of other early sorts.

Price, pkt., 15c.; pint, 25c.; quart, 45c., by mail, postpaid; by express, pint, 20c.; quart, 35c.; $\frac{1}{2}$ peck, \$1.00; peck, \$1.75; bushel, \$6.00.



"PEEP O' DAY" SWEET CORN.

Mammoth Early Epicure Sugar Corn A Large-Eared Delicious Sweet Corn



MAMMOTH EARLY EPIQUIRE SWEET CORN.

At our Floracraft Trial Grounds, we have had under test for two years a very early, large-eared sugar corn which has impressed us each year as being a new sort of sterling worth. It matures several days earlier than Crosby, but with ears measuring 8 to 10 inches long, with 10 to 12 rows of grain to the ear. It has a rich, sugary flavor, which makes it valuable for the home garden, and its large size and well-filled ears command a quick sale in any market where a truly luscious sweet corn is in demand. Depending upon the location and character of the soil, it will mature in from sixty to sixty-five days from the time of planting. You will make no mistake in sowing it liberally. Price, pkt., 10c.; pint, 25c.; quart, 45c., by mail, postpaid; by express or freight, quart, 35c.; peck, \$1.50; bushel, \$5.50.

Holmes' Premo 60-Day Sweet Corn

Mr. C. S. Clark and several other expert corn growers pronounce this new variety from five to seven days earlier than any other sweet corn in existence. In our own tests the past season it gave us good boiling ears ahead of all other corn planted, with the single exception of the New Buck Mountain. It combines all the merits of the leading early varieties, and is also really superior to many of them in size, quality and yield. Holmes' Premo can be planted fully as early as the Adams, for the young plants withstand slight frosts, while other varieties are tender and the seed will rot if planted before the soil becomes warm. The stalks grow about 5 feet high and are very vigorous, generally bearing two well-developed ears to a stalk. Pkt., 10c.; pint, 25c.; quart, 40c., postpaid; by express or freight, qt., 30c.; peck, \$1.75; bush., \$6.00.



Photograph of MYERS' QUICK-GROWING WHITE PLUME CELERY, as grown by Mr. M. Wetterling, Ionia, Mich. See his letter.

Myers' Quick-Growing White Plume Celery

A new strain of White Plume Celery, selected and improved by Myers & Bowman, the well-known Philadelphia market gardeners. It is unquestionably the earliest celery known, being ready for market 10 days to 2 weeks earlier than any other strain. It differs also from the old White Plume in size and habit, somewhat resembling the Paris Golden Self-Blanching, but more stocky and robust, throwing out from 8 to 12 hearts. Leaves are very light in color and entirely free from green celery. It has proven to be by far the handsomest, best and most salable early celery that has been offered on Philadelphia markets the past three seasons.

Choice home-grown seed, per pkt., 15c.; oz., 45c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

JOHNSON & STOKES.

DEAR SIR:—I send you to-day a photograph of a bunch of 12 stalks of Myers' Quick-Growing White Plume Celery trimmed ready for the table. The bunch weighs 8 lbs. Had it not been for the extremely backward season I would have had it in the market sooner. Last year I marketed my first celery of this variety on June 15th. I think it was nearly as heavy as this. The plants were set out in the open ground on May 15th this season, while last year I set them out first part of May. It is certainly "quick-growing."

Yours respectfully,

M. WETTERLING, Ionia, Mich.

New Klondike Cucumber

This is a hybrid sort of the White Spine type which holds its attractive dark green color longer than any other sort we have seen. When of suitable size for shipping it averages from 6 to 7 inches long, the ends are quite square and it is about 2 inches thick.

The quality is unsurpassed. Wherever it is sold to market gardeners it has become their main crop and the demand for it is growing rapidly.

Its points of superiority are:—extreme earliness; a prolific bearer; very hardy, producing fair crops under such unfavorable conditions as cause many other sorts to fail; very dark green and holding its attractive color and crispness for a long time; size just right for a slicing cucumber.

It is also quite firm when small, making an excellent pickling sort. Price, per pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.



NEW KLONDIKE CUCUMBER

New Early Black Beauty Egg Plant

This new variety was originated by Mr. W. E. Ashcroft, of South Jersey. It is fully ten days earlier than the New York Improved Purple, and fully as large in size. It is remarkably handsome and prolific.

Mr. Howard Russ, of Burlington County, N. J., who is probably the largest egg plant grower in the State, and no better authority could be given, says: "The Early Black Beauty which I obtained first from you proved to be much hardier and thriftier in growth than any other. It is also much better in shape and fuller at the top than the New York Large Purple. It gave me the handsomest patch of egg plants I ever saw. Not a plant with less than 10 and many bore 20 perfect uniform fruits, which never turned gray even after becoming dead ripe."

Seed, per pkt., 10c.; oz., 55c.; $\frac{1}{4}$ lb., \$1.50.



J. & S.

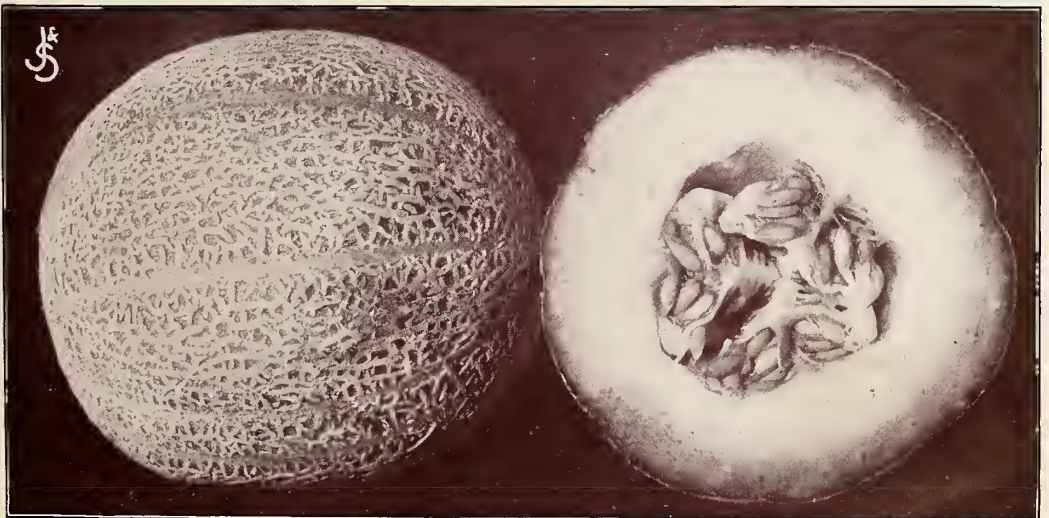
NEW EARLY BLACK BEAUTY EGG PLANT.

New Shipping Watermelon, "THE BRADFORD"

The Bradford is destined to be another valuable addition to our list of fine large market melons. It is oblong in shape; skin a dark green with darker stripes; flesh dark red, tender, very sweet and of fine flavor. The seeds are small and nearly white, flecked with a brown spot on each side. The Bradford is one of the very best general purpose melons grown. Price, pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Genuine Rocky Ford Melon

In the past few years Colorado has developed into a great melon-growing State. It is estimated that over 4,000 acres were planted in 1903, which were shipped, reaching almost every large city in the United States, where they were placed on sale as the choicest fruits in the most fashionable markets, always realizing handsome profits, owing to their fine quality and appearance. They are an improvement on and differ from the old "Netted Gem" in being a little more oblong in shape and possessing much better shipping and keeping qualities, and are unquestionably one of the best second early green-fleshed melons in existence. **Our selected strain** of this celebrated melon is unequalled. Price, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00, postpaid; by express, lb., 90c.; 5 lbs. and over, 80c. per lb.



SELECTED ROCKY FORD, THE GREAT COLORADO SHIPPING MELON, CELEBRATED FOR ITS REMARKABLY FINE QUALITY.



PHILADELPHIA LONG-KEEPING YELLOW EGG ONION

This is one of the best selling Winter Onions in the retail markets of Philadelphia. It grows to good size, with handsome thin yellow skin. Its fine-grained white flesh is of the most superior quality. It is a large cropper, and as an onion to keep over for Winter and Spring markets or home use there is nothing superior. Price, per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.



NEW NEAPOLITAN PEPPER.

New Neapolitan Pepper

Earliest of All Peppers

This pepper originated with some Italian gardeners in South Jersey, who were able to get into market with their peppers long before any other variety was ready. It is fully two weeks earlier than the Bull Nose or Ruby King. Added to this are its good size, mild, piquant flavor. The plants are of strong growth, very stocky, and peppers are borne in great profusion, as the accompanying photograph shows. The flesh is quite thick, and the fruit turns a beautiful red color, when ripe. Price, per pkt., 15c.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.50.

New Ruby Giant Pepper

In Philadelphia and many other markets there is a demand for long-shaped peppers on the style of the Ruby King. To meet this demand a New Jersey grower has successfully crossed the Ruby King and Chinese Giant, retaining the large size of the Chinese Giant with the longer shape of the Ruby King. It is unexcelled for stuffing, and its size and appearance always command the top market prices. Price, per pkt., 15c.; oz., 90c.; $\frac{1}{4}$ lb., \$3.00.

New Chinese Giant Pepper

On account of its earliness, productiveness and large size, truckers who grow for market have found this a most profitable variety. Plants grow very vigorous and stocky; flesh unusually thick, mild and sweet. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

New Early Snow-White Box Radish

By careful selection over a series of years, we have evolved an extra early type of the White Box Radish. They are rather flatter in shape than the Felton's Model White Box, and with a smaller top. The skin and flesh are a pure, brilliant, glistening snow white. It is quite early, maturing in from 25 to 30 days, uniform in shape, and most attractive when bunched for market. It is not only very crisp and tender when young, but retains these qualities until the roots attain a large size. It will be found a particularly valuable variety for early summer forcing. Price: per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.



NEW EARLY SNOW-WHITE BOX RADISH.

NEW CRIMSON GIANT FORCING RADISH

For Forcing or Open Ground Culture

A new type of early turnip radish of a striking deep crimson color, attaining a size of 6 to 7 inches in circumference, weighing over an ounce, or about four times the weight of scarlet turnip sorts. Notwithstanding its immense size, it does not get hollow or pithy, the flesh remaining white, solid, crisp and tender, and of the mildest flavor. The shape is well shown in our photograph alongside. Packets of seed, for trial, were distributed last Spring to many experienced market gardeners, who all agree that it is a very valuable acquisition to our list of fine early Radishes. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.



NEW CRIMSON GIANT FORCING RADISH.



NEW GOLDEN BRONZE SQUASH.

THE NEW GOLDEN BRONZE SQUASH

In form, this beautiful new squash takes after the celebrated Boston Marrow, having the same peculiar wrinkled appearance of the skin. In weight, it averages from 8 to 10 lbs. In color, it is a dark grayish green or bronze on the upper surface when ripe. The flesh is an exceedingly bright, golden yellow, fine grain, very thick, and of good, very sweet flavor. It matures early and is a most excellent keeper and yielder. The squashes are of very uniform size and appearance. It combines all of the desired qualities, both for the table as a vegetable and for pies. Price: per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.



GRAND NEW POTATO

Noroton Beauty



This New Potato is introduced by the old reliable house of J. M. Thorburn & Co., who give it the following description:

The Noroton Beauty is a lineal descendant of the famous Peach Blow, being a seedling from a seedling of that variety.

It is the earliest Potato ever grown.

It is by far the most productive extra-early, yielding as heavily as any of the medium early sorts.

It is handsomer in appearance and more uniform in size and shape than any other variety.

Its table quality is superb and it keeps longer than any other sort, early or late.

It is the best all-round Potato in existence.

PRICE LIST

	By mail or express, prepaid.	By express or freight, not prepaid.	By express or freight, not prepaid.
1 pound	\$0 85	\$0 75	Per peck (15 lbs.) \$7 00
2 pounds	1 50	1 30	Per half bushel (30 lbs.) 13 00
4 pounds	2 75	2 40	Per bushel (60 lbs.) 24 00
8 pounds	5 00	4 25	Per barrel (165 lbs.) 44 00



NEW TOMATO, LIVINGSTON'S GLOBE

This is a new variety originating with the Livingstons, of tomato fame. In shape it is notably distinct from all others, being a beautiful globe, which permits of a greater number of slices to be taken than is possible with flat varieties. It is among the first to ripen; fruit of large size maintained throughout the season; always smooth, firm fleshed, and has very few seeds, especially in the early fruits; ripens evenly, through and through; a fine glossy rose in color, tinged with purple; very productive, the plant is always loaded with fruit, having joints at frequent intervals with large clusters of from three to seven fruits. A remarkably good keeper; especially adapted to slicing, as the flavor is very delicate and agreeable. A good general cropper and will be found well fitted for greenhouse growing or for real early crop on stakes or trellis. Seed offered in packets (40 seeds) only this season. Each, per pkt., 20c.; 3 pkts., 50c.; 7 pkts., \$1.00.



SANTA ROSA TOMATO—Mammoth Main Crop Sort

Three years ago one of our customers at Santa Rosa, Cal., sent us a few seeds of this valuable new tomato for trial. Upon growing we found in it a new race of tomatoes, differing from all others in its brilliant crimson untinged color, thick symmetrical shape, solid, meaty and almost seedless flesh. We were also astonished at its great size, eclipsing all very large tomatoes such as Ponderosa, Enormous and all others we have ever seen, many fruits 5 to 6 inches across and almost as deep through. It is a very fine sort for the home garden, as well as enormously productive and profitable for a main crop and late market sort. Price, per pkt., 15c.; oz., 70c.; $\frac{1}{4}$ lb., \$2.00.; lb., \$6.00.



The above is the most wonderful photograph of a vegetable ever taken. It was of a single vine with the tomatoes hanging just as they grew, not as fruit is shown, but just as it was growing there naturally.

Sparks' Earliana has been one of the most successful novelties ever introduced

Sparks' Earliana Tomato **Named and Introduced by Us in 1900**

THE EARLIEST LARGE SMOOTH TOMATO IN THE WORLD

The most perfect of all tomatoes. Of large, uniform size and beautiful red color. Quality almost beyond praise. Ripens thoroughly all over, the stem-end coloring up perfectly. Almost seedless and as solid as beefsteak. Most vigorous grower. A prodigious bearer, continuing until frost.

The above claims may seem strong, but they have been abundantly proven by thousands of planters who have grown this grand tomato in the past three years. Nothing we have ever introduced has brought us so many strong unsolicited testimonials. Tomato growers of the United States have realized hundreds of thousands of dollars from this remarkable variety.

Sparks' Earliana is as near seedless as any tomato we ever saw, giving but 12 to 15 pounds of seed to the acre, while other varieties yield from 75 to 100 pounds per acre. For this reason the genuine seed can never be sold at a low price. We control the entire supply of seed grown direct from the originator's selected stock seed. Per pkt., 10c.; $\frac{1}{2}$ oz., 30c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75; lb., \$5.50.

CAUTION.—Much spurious seed is being offered for our SPARKS' EARLIANA. Make sure of getting it right by buying seed of the originators and first introducers.

READ THESE TESTIMONIALS. NOTICE THE DATES. YOU CAN DO THE SAME

C. W. SCANTLING, Crozet, Va., February 16, 1904, writes: "Last season was a very bad one for tomatoes; it kept so cold that I could not set my plants out until the 20th of May. I gathered the first ripe Earlianas on the 4th of July, and sold \$50 worth from one-quarter of an acre. From July 4th to August 15th I had full control of the market, furnishing the other truckers and gardeners with tomatoes."

G. W. BEVIS, Terre Haute, Ind., February 17, 1904, writes: "I paid the rent on ten acres of garden ground with that little ounce of Earliana tomato seed I got from you last year. It is the greatest tomato for early money ever brought to market."

HENRY BENDLAGE, Fort Madison, Ia., January 28, 1904, writes: "Your Sparks' Earliana are the best and earliest of all tomatoes. If we can get here a few ripe tomatoes by July 4th we think we are early, but I commenced selling the Earliana on the 20th of June, and for thirty days thereafter kept selling them for 20 cents per dozen."

C. M. EMORY, Knoxville, Tenn., July 4, 1904, writes: "I am again having a good thing with the Earlianas, though I have not got the field all to myself, as I had two years ago. I am now selling from 5 to 10 bushels a day, getting from \$2.50 to \$3.00 per bushel."

How to Order Johnson & Stokes' Seeds

Free Delivery by Mail

We deliver free to any post-office in the United States all vegetable and flower seeds offered in this catalogue by the packet, ounce, quarter pound and pound.

Customers ordering these seeds by the pound, to be sent by Freight or Express, may deduct postage at the rate of 10 cents per pound, except where noted. When sent in this way the purchaser pays the freight or express charges on receipt of seed.

Purchaser pays express and freight charges also on pecks, bushels and barrels, and on Farm Seeds, Implements, Live Stock, etc.

REDUCED EXPRESS RATES. By special arrangement with all the express lines in the United States and Canada, in the traffic agreement, seeds and plants are now carried at a reduced rate of 20 per cent. less than merchandise rates, when guaranteed by us.

GUARANTEE WE GUARANTEE ALL SHIPMENTS of Seeds, Bulbs, Plants, Implements, Live Stock, etc., to reach the purchaser safely and in good condition.

Large-Sized Packets

Customers frequently write us that our packets contain twice as much seed as those obtained from other houses; yet, notwithstanding our **very liberal premiums** on seeds in packets and ounces, as announced on other side of page, we shall still continue to put up, with our standard gauges, the same **liberal-sized packets**.

When possible, use order sheet opposite page 12, which can be easily detached from book at perforated line.

Cash should always accompany the order. We will be responsible for money sent by Post-Office Order, Express Money Order, Bank Draft, Express or by Registered Letter.

Post-Office Orders cost, for any amount up to \$2.50, 3 cents; over \$2.50 and not exceeding \$5, 5 cents; over \$5 to \$10, 8 cents; over \$10 to \$20, 10 cents; over \$20 to \$30, 12 cents; over \$30 to \$40, 15 cents; over \$40 to \$50, 18 cents; over \$50 to \$60, 20 cents.

Express Money Orders are issued by express companies at their agencies, and cost, for amounts not over \$5, 5 cents; \$10, 8 cents; \$20, 10 cents; \$30, 12 cents; \$40, 15 cents.

Bills, Coin or Stamps (we accept postage stamps the same as cash) can be sent safely by registered letter. Every postmaster is required to register any letter on payment of 8 cents extra postage.

Cost of remitting may, on all orders over \$1.00, be deducted from the amount sent.

Most Liberal Premiums

25 CENTS' WORTH OF SEEDS EXTRA IS ALLOWED ON EACH ONE DOLLAR SENT US FOR SEEDS IN PACKETS AND OUNCES.

Thus, any one sending us \$1.00 can select seeds in packets and ounces to the value of \$1.25; for \$2.00, to the value of \$2.50; for \$3.00, to the value of \$3.75; for \$4.00, seeds in packets and ounces to the value of \$5.00, and so on; or in other words we give you a **discount of twenty per cent.** on our prices by the **PACKET and OUNCE.** To illustrate—should an order amounting to \$3.00 contain \$2.00 worth of seeds in **packets and ounces**, you are entitled to **deduct twenty per cent.** or one-fifth on these, which would be 40 cents, and you would therefore send us \$2.60 net; while should the entire order be composed of **packets and ounces**, you would deduct 60 cents, remitting only \$2.40 net.

FOR A COMPLETE INDEX OF THIS CATALOGUE SEE PAGE 92

PHOTOGRAPHIC COMPETITION

We Will **\$200.00 in Cash** For Best Distribute **Photographs**

Of the Products of Johnson & Stokes' Seeds Grown in 1905

\$10 00 each for the best 5 photographs, total	- -	\$50.00
5.00 each for the next best 10 photographs, total	-	50.00
2.00 each for the next best 50 photographs, total	-	100.00

Grand total to be paid to our customers, Oct. 1, 1905, \$200.00

Photographs can be sent in any time during the season, and should **not be less than 4 inches by 5 inches**, with objects as large as possible. Where field crops are taken, photographs of single specimens should also be sent, as they are intended for catalogue illustrations. The awards will be made by a committee of the officers of the Philadelphia Photographic Society, but photographs should be mailed to

Johnson & Stokes, 217 and 219 Market St. Philadelphia, Pa.

JOHNSON & STOKES' NEW LEAFLET-ESSAYS ON IMPORTANT VEGETABLES, ETC.

SENT FREE to all purchasers of Johnson & Stokes' Seeds when asked for with their Seed Orders

They give in a concise, practical way complete cultural information gained from long experience on the subjects of which they treat.

- No. 1. **ASPARAGUS.** Making the Bed, Setting Roots, Cultivating, Fertilizing and Marketing.
- No. 2. **CABBAGE.** Planting Out, Cultivation, Diseases and Insects, Storing and Marketing.
- No. 3. **CELERY.** Soil, Fertilizers, Planting, Cultivating, Blanching, Storing for Winter.
- No. 4. **MELONS.** Musk or Cantaloupe and Watermelons, Cultivation, Manuring, Insect Enemies.
- No. 5. **MUSHROOMS.** How to Prepare Bed, Planting Spawn, Temperature and Marketing.
- No. 6. **ONIONS.** Preparing the Soil, Fertilizers, Planting Seeds and Sets, Cultivating, Harvesting, Storage, Marketing, etc.
- No. 7. **SWEET POTATOES.** Growing Sprouts or Plants, Setting Out, Cultivating, Harvesting, Storing for Winter, etc.
- No. 8. **FLOWER CULTURE FROM SEED.** Including Sweet Peas, Nasturtiums, Pansies and other Popular Flowers. Complete Cultural Directions.
- No. 9. **SASHES AND BEDDING PLANTS.** Treating Principally on Hot Beds and Cold Frames.
- No. 10. **THE FAMILY VEGETABLE GARDEN.** Telling How and What to Grow.
- No. 11. **HINTS ON LAWN MAKING AND GRASS SEED MIXTURES** for Lawns, Golf Grounds, Permanent Pasture and Mowing.

In asking for these essays it is only necessary to mention the number of the essay wanted. They are not for sale and cannot be sent unless the seed of the kind on which they treat is included in the order, except the last three, which will be sent, when requested, with any order of 50 cents or over.

BOOKS FOR THE FARM AND GARDEN

Standard works, written by acknowledged authorities on the subjects of which they treat. We send them postpaid on receipt of price. To customers who order them sent with seed orders, we allow a discount of 10 per cent. from publishers' prices, here quoted.

ON FARM AND GARDEN TOPICS



- EVERYTHING YOU WANT TO KNOW.** By UNCLE MIKE. A complete work for both gardeners and poultry men. Treats in the brief, boiled-down style, characteristic of the author, on vegetables and farm products, together with a complete poultry section. 128 pages, fully illustrated and bound in cloth. \$0 50
- Farm Gardening, or Quick Cash Crops and How to Grow Them.** A decided help to both the farmer and market gardener. Tells how and what to grow, how to fertilize and how to treat insect enemies, etc. 128 pages, fully illustrated, bound in cloth. Johnson & Stokes. 50
- Irrigation by Cheap Modern Methods.** A practical work. Johnson & Stokes. 50
- \$100 Prize Essays.** By practical growers. "How and What to Grow in the South." 10
- Practical Farm Chemistry.** T. Greiner. 1 00
- Spraying Crops.** Why, when and how. Covers the whole field of insect and fungous enemies. By C. M. Weed. 50
- Alfalfa.** Its Uses and How to Grow it. By F. D. Coburn. 50

ON VEGETABLES AND FRUITS

- Asparagus.** By F. M. Hexamer \$0 50
- Biggle Berry Book.** (New.) The very latest treatise on small fruits. Illustrated by colored plates. 50
- Broom Corn and Brooms.** Cloth 50
- Cabbages and Cauliflowers—How to Grow Them, Market Gardening, Success in.** By W. W. Rawson. 1 00
- Mushrooms—How to Grow Them.** W. Falconer 1 00
- New Onion Culture.** T. Greiner 50
- Squashes—How to Grow Them.** Gregory 50
- Sweet Potato Culture.** Fitz 50

ON FLORICULTURE

- A Woman's Hardy Garden.** By Mrs. Ely 1 75
- Practical Floriculture.** For florists. Henderson 1 50
- The Rose.** By Saml. E. Parsons 1 00
- How to Destroy Insects on Plants and Flowers.** 25
- Home Floriculture.** By Eben E. Rexford 1 00
- My Handkerchief Garden.** Barnard 10
- How to Plant a Place.** 20

ON POULTRY AND LIVE STOCK

- Little Chicks.** Just out. A treatise on the successful care of chicks by both natural and artificial methods. Boyer 50
- Biggle Poultry Book.** Finely illustrated 50
- Biggle Cow Book.** All up-to-date modern methods concentrated and 50
- Biggle Swine Book.** recorded for the benefit of 50
- Biggle Horse Book.** 50
- Biggle Pet Book.** map 50
- Profitable Poultry Farming.** M. K. Boyer 25
- Farm-Poultry Doctor.** Dr. N. W. Sanborn 50
- Low-Cost Poultry Houses.** Illustrated 25
- 500 Questions and Answers on Poultry Topics.** 25
- A Living from Poultry.** M. K. Boyer 25
- Capons for Profit.** T. Greiner 30
- Winter Eggs.** How to get them. John H. Robinson, 25
- Egg Record and Account Book.** 25
- Practical Pigeon Keeper.** Illustrated. Wright. 1 50
- Money in Squabs.** Brinton. 50
- American Standard of Perfection.** A complete description of all the recognized Breeds of Poultry 1 00
- Duck Culture.** Rankin 50
- Training of Shepherd Dogs.** Wickham 50
- The Collie.** Its history, points and breeding. Dalziel, 1 00
- An Egg Farm, or the Management of Poultry in Large Numbers.** H. H. Stoddard 1 00
- The Rabbit.** W. N. Richardson 25
- A B C of Bee Culture.** By A. I. Root 1 25



View of our Floracraft Trial Grounds, showing in the foreground two Planet Jr. Wheel Hoes. These implements make home gardening a pleasant recreation for the busy man from the city office, and are great labor-savers for the gardener who pursues it as a business. See the third cover page of this catalogue for Planet Jr. price list.

Directions for the Cultivation of Vegetables

The exposure for a vegetable garden should be south or southeast, or nearly so. The soil should be naturally rich and friable, a sandy loam being among the best. If wet, or inclined to hold an excess of moisture, it should be underdrained, preferably by tile.

To produce the best results, the vegetable garden should have at least one foot of good, rich soil. The roots of large trees should not be allowed to encroach on any part of the garden, though large trees, sufficiently far off, afford a valuable protection on the north and west.

Mark the garden off into squares or beds of convenient size, to facilitate the practice of a rotation of crops, which is an important matter. As a rule, never let the same crop occupy the same bed two years in succession. Potatoes, onions, and a few other things may form an exception to this rule, but it is better to keep up rotation. Every year these beds must be warmed up by a liberal coat of manure, which should be thoroughly mixed with the soil. Grow everything in drills or straight lines. Larger crops from a given surface are grown in this way, and cultivation becomes simple and comparatively easy. The ground should be frequently hoed, to kill the weeds and keep the soil mellow; proper time to hoe is just when the weeds appear above ground. Whether weeds appear or not, the ground should be frequently stirred.

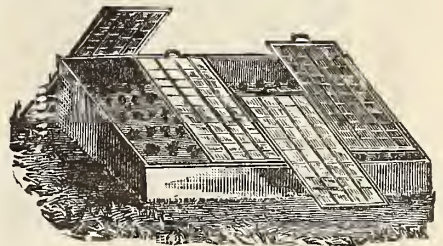
HOT BEDS For early vegetables and flowers, provision for starting certain plants earlier than can be done in the open air is desirable; for this purpose nothing is better than a good hot bed or even a cold frame, and its construction is so simple and the expense so slight that every garden should have one. A hot bed proper protects the plants from cold, and supplies *bottom heat*.

THE FRAME should be made of one-inch lumber, the back twelve to fifteen inches high and the front ten to twelve, giving it the proper slope to catch the rays of the sun as much as possible. The sash should be fitted so as to leave as little opening as possible and yet allow the sash to be easily moved up and down.

MAKING THE BED requires careful attention. Fresh horse manure, containing a liberal quantity of straw bedding, should be thrown in a loose pile and allowed to heat. It should then be forked over and allowed to heat a second time, then trodden firmly into the bed. Six to ten inches depth of manure should be covered with a light, rich, friable garden soil to a depth of six to ten inches. The heat, which will be quite violent, frequently rising to 120 degrees, will soon subside, and when it recedes to 90 degrees, the seeds may be planted or the plants set in.

MANAGEMENT OF THE BED. Great care should be exercised on bright, sunny days that the bed does not get too hot, but is judiciously ventilated. On very cold nights, the glass should be covered with mats. These we can supply either of straw or of burlap, filled with cotton.

WATERING. Water should never be sprinkled over the leaves when they are exposed to bright sunshine. In cloudy weather a bed will go several days without water, or would dry up in an hour when exposed to strong sun. So that the details of management must be learned by experience, but are easily acquired by parties who give the matter careful attention, and will yield them much pleasure and satisfaction.



HOT BED SASHES.

We can supply the best quality.

	Size	Each	Per doz.
Unglazed	3 x 6 ft.	\$1.10	\$12.00
Glazed	3 x 6 ft.	3.00	32.00

Johnson & Stokes' Vegetable Seeds



DIRECTIONS FOR ORDERING ON ORDER SHEET TO BE DETACHED, OPPOSITE PAGE 12

IN the following pages we have endeavored to list the cream of all varieties known, weeding out many that are still advertised by other seedsmen, but which our extended tests at **Floracroft Trial Grounds** have proven to us are unworthy of cultivation. We take great pains each season to inform ourselves fully as to the real merits of everything offered as new or superior, and our customers may rest assured that if any much-lauded variety is not found in our **MANUAL**, the probability is much greater that we have tested it and found it of little or no value, than that it is unknown to us. It is our constant aim thus to gain and hold the confidence of all customers.

ARTICHOKE

As a table vegetable the Artichoke deserves to be more generally cultivated. The part eaten is the flower head, which is used before it begins to open, and cooked in much the same way as asparagus.

Large Green Globe. Pkt., 10c.; oz., 30c.; lb., \$3.00.

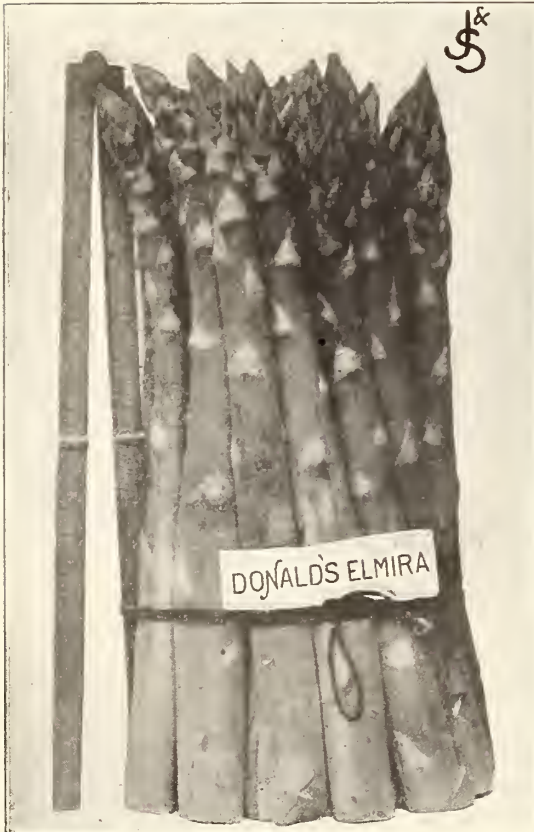
Artichoke Roots for hog feed will be found under "Farm Seeds." Peck, \$1.00; bush., \$3.00; bbl., \$7.50.

ASPARAGUS

Asparagus is one of the earliest spring vegetables. No vegetable on our list can be produced so cheaply and easily. Directions for planting and culture will be found in our new **LEAFLET-ESSAYS**, sent free on request. A bed 12x40 feet, requiring about 100 roots, will give an abundant supply for an ordinary family. One ounce of seed will sow 40 feet of row; 7,260 roots will plant an acre.

NEW ASPARAGUS EARLY FRENCH GIANT

THE EARLIEST—LARGE AND PROLIFIC
For description and illustration, see page 1.



Donald's Elmira Asparagus

This new asparagus, first introduced by us, has attracted much attention throughout the country. It was originated by Mr. A. Donald, a prominent market gardener of Elmira. He has always realized handsome prices, and although a large grower was unable to supply half the demand. The delicate green color is notably different from either the famous Barr's Philadelphia Mammoth or Palmetto, while the stalks are more tender and succulent. Its mammoth size can be realized from the fact that in whole crops a bunch of twelve stalks will average three to four pounds in weight. It requires much less labor in cutting and bunching, thus lessening the expense of marketing. **Price of Seed:** Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c. **STRONG ROOTS,** 1 year old, 70c. per 100 (by mail, postpaid, 50 for 70c.; \$1.00 per 100); 500 for \$3.00; \$5.50 per 1,000; 2 years old, 75c. per 100; 500 for \$3.25; \$6.00 per 1,000, by freight or express.



TWO-YEAR-OLD ASPARAGUS ROOT.

Barr's Philadelphia Mammoth

This variety originated with Crawford Barr, a prominent market gardener of Pennsylvania. Grown side by side with Conover's Colossal, it grows twice as large and more productive. In Philadelphia it is much sought after and sells at top-notch prices. **SEED:** Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c. **GOOD STRONG ROOTS,** 1 year old, 65c. per 100 (by mail, postpaid, 50 for 50c.; 90c. per 100); \$4.50 per 1,000; 2 years old, 70c. per 100; \$5.00 per 1,000 (500 roots at 1,000 rate).

Columbian Mammoth White

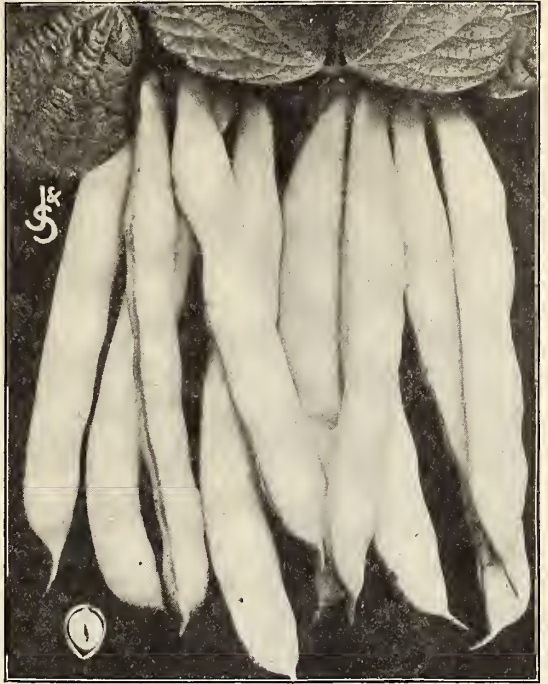
This is a most distinct variety, discovered on Long Island a few years since. The stalks are large, produced abundantly and early. They are clear white and remain so as long as fit for use, without earthing up or any other artificial blanching. There is a large demand from canners for this sort. **Prices of Seed:** Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c. **GOOD STRONG ROOTS,** 1 year old, 70c. per 100 (by mail, postpaid, \$1.00 per 100); \$5.50 per 1,000; 2 year old roots, 75c. per 100; \$6.00 per 1,000.

Palmetto Asparagus

This asparagus is now quite extensively grown for New York and Philadelphia markets, where it sells at high prices, owing to its fine size and regularity. Although of Southern origin, it is equally well adapted to the North. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c. **ROOTS,** same price as Barr's Philadelphia Mammoth.

Conover's Colossal Asparagus

A well-known old standard variety. **Prices of Seed:** Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c. **SPLendid STRONG ROOTS,** 1 year old, 50c. per 100 (by mail, postpaid, 75c. per 100); \$4.00 per 1,000; 2 years old, 60c. per 100; \$4.50 per 1,000.



NEW GIANT GREEN POD STRINGLESS VALENTINE BEAN. Earlier, more prolific, with pods $\frac{1}{3}$ larger than Valentine.

CURRIE'S RUST-PROOF BLACK WAX BEAN. Extremely early, large pods. The best Wax Bean for market and shipping.

BEANS—Dwarf Green Podded

One quart will plant 100 feet of drill, two bushels will plant an acre in drills

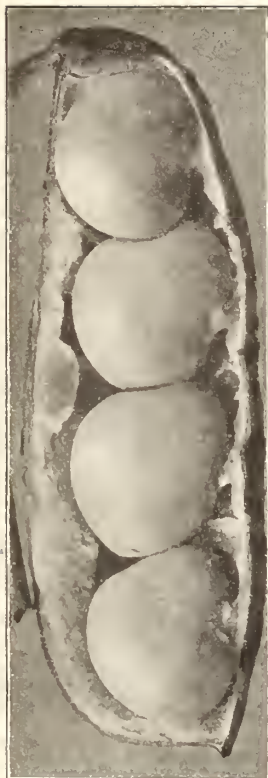
Large, full-sized packets of any variety of Beans, 10c. each, by mail, postage paid.
Half pecks and half bushels supplied at peck and bushel rates.

- Improved Round Pod Red Speckled Valentine. Finest strain
- Giant Green Pod Stringless Valentine (see illustration)
- Refugee or Thousand to One. Medium early, hardy, productive
- New Extra Early Refugee. Two weeks earlier than the old Refugee,
- Stringless Green Pod. Extra early and of very fine quality
- Early Mohawk. Very early and hardy; long, flat, straight pods
- Long Yellow Six Weeks. Early, with full, flat green pods
- Early China Red Eye. Very early old standard sort

		By Mail, Postpaid.		By Express or Freight.		
Pint.	Qt.	Qt.	Peck.	Bush.		
\$0 20	\$0 35	\$0 25	\$1 75	\$6 00		
25	40	35	2 25	8 00		
20	35	25	1 75	6 00		
25	40	30	1 75	6 25		
20	35	35	2 25	7 50		
20	35	25	1 25	4 50		
20	35	25	1 50	5 00		
20	35	25	1 25	4 25		
25	40	30	2 25	8 00		
30	50	35	2 50	9 00		
25	45	30	2 00	7 50		
25	45	30	2 50	8 00		
25	45	35	2 50	9 00		
30	50	40	2 50	9 00		
25	45	30	2 50	8 00		
25	45	30	2 50	8 00		
25	45	30	2 00	7 50		
25	45	30	2 25	8 00		
30	50	35	2 25	8 00		
25	40	30	2 25	8 00		
25	45	35	2 00	7 50		
25	45	35	2 00	7 50		

BEANS—Dwarf Wax Podded

- Currie's Rust-Proof Black Wax (see illustration)
- New Round Pod Kidney Wax. See Novelties, page 1
- Golden Wax. The well-known old sort; popular for market
- Grennell's Improved Rust-Proof Golden Wax. Very superior
- New Valentine Wax. One of the earliest wax beans; pods round
- Wardwell's Kidney Wax. Very popular, long, broad, flat pods
- Davis Kidney Wax. A new white-seeded bean. Long, oval pods
- Keeney's Improved Refugee Wax. (New.) A decided improvement,
- Dwarf German Black Wax, or Butter. Well-known old sort
- New Prolific German or Cylinder Wax. Very early and prolific
- Keeney's Pencil Pod Black Wax. New, round, full and stringless,
- Fuller's Ringleader. (New.) The best Black Wax yet introduced,
- Golden-Eyed Wax. Early, hardy and prolific; popular market sort,
- Scarlet Flageolet Wax. Early, very large, flat, stringless pods
- Violet, or Perfection Wax. Large, handsome pods, very showy



DREER'S OR KUMERLE BUSH LIMA. POD NATURAL SIZE.

The Best of the Dwarf or Bush Lima Beans

NEW WONDER BUSH LIMA

Largest in size and best of all. The New Wonder is the earliest, dwarfest and most prolific of the whole class of Bush Limas. A decided improvement on the original type of Burpee's Bush Lima, being larger in size, more hardy and prolific. Pkt., 10c.; pint, 30c.; qt., 50c., postpaid; by express or freight, qt., 35c.; peck, \$1.90; bush., \$7.00.

Dreer's or Kumerle Bush Lima

Possesses all the good qualities of the Dreer's Improved or Challenger Pole Lima, growing vigorously about two feet high and showing no disposition whatever to run. It produces pods in great abundance. The beans grow close together, four and sometimes five in a pod, and are thick, sweet and succulent. Pkt., 10c.; pint, 30c.; qt., 50c., postpaid; by express or freight, qt., 35c.; peck, \$2.00; bush., \$7.00.

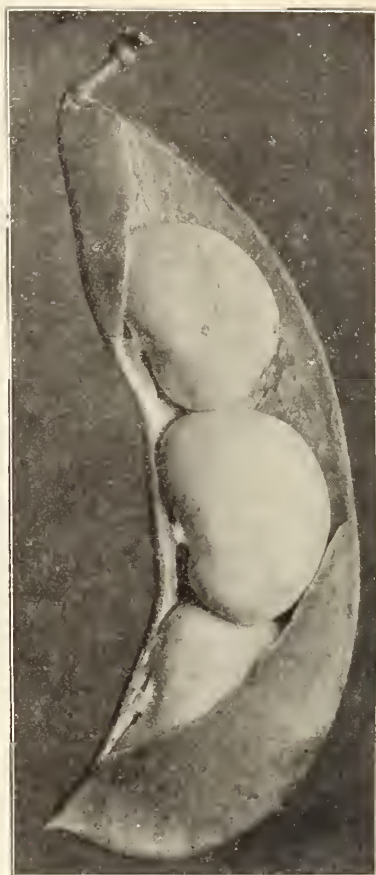
Dwarf White or Burpee Bush

The true bush form of the old large Lima Pole Bean and most popular of the class. It grows vigorously to a height of twenty inches. Pint, 25c.; qt., 50c., postpaid; by express or freight, qt., 35c.; peck, \$2.00; bush., \$7.50.

WOOD'S PROLIFIC BUSH LIMA

An "Improved Henderson Bush Lima."

Earlier than the Burpee's Bush Lima, but somewhat smaller in size of bean. Making a larger growth than others; stems are loaded down with beans in great clusters. Pkt., 10c.; pt., 25c.; qt., 45c., postpaid; by express or freight, qt., 30c.; peck, \$2.00; bush., \$7.50.



NEW WONDER BUSH LIMA. PODS NATURAL SIZE.

Henderson's, or Dwarf Sieva Lima.

Size of the small Southern or Sieva Lima. Enormously productive. Pint, 25c.; qt., 50c., postpaid; by express or freight, qt., 35c.; peck, \$1.90; bush., \$6.50.

BEANS—White Shelling Varieties

Large packets, 10c. each, by mail, postage paid.

Half pecks and half bushels supplied at peck and bushel rates.

Day's Leafless Medium. Vine stands up well, grows abundant foliage, and previous to ripening, the leaves fall off, so that pod is exposed to the sun, so they ripen evenly. Matures in eighty days, **Burlingame Mediums.** The leading field bean in New York . . . **White Navy or Pea Bean.** A productive standard sort . . . **Royal Dwarf or White Kidney.** Very productive, fine for baking, **White Marrowfat.** Well known; extensively grown for winter . .

By Mail, Postpaid.		By Express or Freight.		
Pint.	Qt.	Qt.	Peck.	Bush.
\$0 25	\$0 40	\$0 25	\$1 20	\$4 25
25	40	25	1 10	4 00
20	35	20	1 00	3 50
20	35	20	1 10	4 00
20	35	20	1 10	3 75

BEANS—Pole or Running

New Golden Andalusia Wax. Most productive and profitable of all the pole wax varieties; pods, 5 to 6 inches long; broad, fleshy and stringless, surpassing all others in quality; come early and continue to bear profusely the entire season; beans pure white, **Early Golden Cluster Wax.** Early, large, flat, fleshy yellow pods, **Lazy Wife's.** Best and largest Green Podded Snap Short Pole Bean, produced in large clusters; pods broad, thick, fleshy and stringless, **White Crease Back or Fat Horse.** One of the earliest Round Pod, **Improved Kentucky Wonder or Old Homestead.** Very long, round, straight pods; early, entirely stringless, very productive. **Southern Prolific.** Continuous bearer, giving snap shorts in 80 days, **Speckled Cut Short or Corn Hill.** Best for planting among corn. **Dutch Case Knife and Horticultural or Wren's Egg.** Each . . .

30	50	35	2 15	8 00
30	50	35	2 00	7 50
25	45	30	1 60	6 00
25	40	25	1 50	5 50
25	45	30	1 75	6 75
25	40	25	1 50	5 25
25	40	25	1 50	5 25
25	40	25	1 50	5 75



New Jersey Grown Pole Lima Beans

WHY THEY ARE THE BEST

For nearly half a century Southern New Jersey has had the reputation, and deservedly so, of growing the finest Lima Beans in the United States, the product being eagerly sought after by Boston, New York, Philadelphia and other Eastern cities, for both seed and consumption. For some years past, however, most all seedsmen have been growing their supplies in Southern California, where they are grown very cheaply and without poles. We have made hundreds of tests of various Limas from California seed, and find the product much inferior in both quality and productiveness to those grown in New Jersey. It is also difficult to get them to take the poles, owing to the method by which they are grown, while the beans are smaller and lack the rich, buttery flavor peculiar to the New Jersey Limas.

Twenty quarts of Pole Limas are required to plant an acre in hills four by four feet. We sell **Large Packets of each variety, 10c. each, postpaid.** Pints, when sent by freight or express, at half the quart rates; half peck and half bushel at peck and bushel rates.

Ford's Mammoth Podded Pole Lima Bean

This Lima Bean is the result of over twenty years' selection by the late Jas. Ford, who was one of the oldest market gardeners around Philadelphia. The pods grow to an average length of eight inches, are produced in great clusters, with from five to seven beans per pod, of most excellent quality for using either green or dry. The vines grow vigorously, setting the beans early at the bottom of the pole, and continue in bearing right up to frost. **Ford's Mammoth Podded** is, without exception, the largest podded, finest flavored and most productive of all Lima Beans. Pkt., 10c.; pint, 30c.; qt., 55c., postpaid; by freight or express, pint, 20c.; qt., 40c.; 2 qts., 70c.; peck, \$2.00; bush., \$7.50.

SEIBERT'S EARLY LIMA. This new variety is one of the very earliest. The vine is very vigorous and productive. Pods are large, but thin, and can be more easily opened than those of other varieties. The green beans are very large, handsome and of the best quality. In earliness, ease of shelling, size, beauty and quality of the green beans, this variety is superior, and is now recognized as one of the best for either the garden or market. Pkt., 10c.; pint, 25c.; qt., 45c., postpaid; by freight or express, qt., 30c.; peck, \$1.75; bush., \$6.50.

JERSEY EXTRA EARLY LIMA.

The pods are large and numerous, invariably having from four to five beans in each. These beans appear in Philadelphia markets nearly two weeks ahead of ordinary Limas, selling at from \$3.00 to \$4.00 per bushel of pods, and, previous to the introduction of Seibert's Early, were considered the earliest. Pkt., 10c.; pint, 25c.; qt., 45c., postpaid; by freight or express, qt., 30c.; peck, \$1.75; bush., \$6.50.

STOKES' EVERGREEN LIMA.

The Stokes' Evergreen not only holds the full size and great productiveness of the Salem Mammoth, but has the remarkable additional quality of holding, in all stages of growth, and even when dry and shelled, the deep green color of the unripe state, giving the appearance of beans fresh from the vine when cooked. Pkt., 10c.; pint, 35c.; qt., 65c., postpaid; by express, qt., 50c.; peck, \$2.75.

KING OF THE GARDEN

LIMA. More prolific than the ordinary Lima, bearing pods five to six inches long in clusters of four and five, with five to six beans in a pod. Pkt., 10c.; pint, 25c.; qt., 45c., postpaid; by express or freight, qt., 30c.; peck, \$1.75; bush., \$6.50.

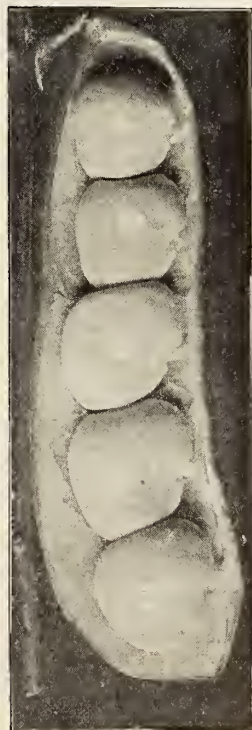
SALEM IMPROVED LIMA. A selection from the large Lima Bean, of extraordinary size and deep green color. Pint, 30c.; qt., 55c., postpaid; by freight or express, qt., 40c.; peck, \$2.00; bush., \$7.75.

LARGE WHITE LIMA. (Extra Selected Size.) The well-known favorite. Our strain is fine. Pint, 25c.; qt., 45c., postpaid; by express or freight, qt., 30c.; peck, \$1.60; bush., \$6.00.

DREER'S IMPROVED CHALLENGER or POTATO POLE LIMA. When green, is as large as the Large Lima. Thicker, sweeter and more tender and nutritious, remaining green in the pod for a long time after maturing. Pkt., 10c.; pint, 25c.; qt., 45c., postpaid; by express or freight, qt., 30c.; peck, \$1.75; bush., \$6.50.

Shotwell's Improved Thick Pole Lima Bean

Originated by one of the best and most experienced growers of Northern New Jersey. It is of the thick or Potato Lima class, but will be found a decided improvement on the Dreer's Improved Pole Lima or any other bean of its class in earliness, productiveness and fine quality. All claims made for it have been fully substantiated by hundreds of our customers who tried it in past seasons, and we regret we have not room here to publish the many strong recommendations received from them. Pkt., 10c.; pint, 35c.; qt., 55c.; postpaid; by freight or express, qt., 40c.; peck, \$2.25; bush., \$8.50.



SHOTWELL'S IMPROVED THICK POLE LIMA BEAN.



CROSBY'S IMPROVED EGYPTIAN, THE EARLIEST BEET.



PHOTOGRAPH OF THE NEW RUBY DULCET BEET.

CROSBY'S IMPROVED EGYPTIAN BEET

Still in the lead as the best Extra Early Blood Turnip Beet for market or home table. It retains its superior quality and does not become woody and tasteless, like the old Egyptian, when allowed to stand too long, and may be sown outside as late as July. Crosby's Egyptian Beet, as originated and selected by Mr. Crosby, is a very shy seeder, and the genuine seed from seed stock grown and selected by the originator himself cannot be obtained at a lower price than here offered. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00, postpaid; by express, lb., 80c.; 5 lbs. and over, 75c. per lb.

Ruby Dulcet Beet

We were the first seedsmen to introduce in America this valuable new beet, which is receiving the highest praise from all gardeners who have grown it. They grow to good size, very free from fibrous rootlets, with a slender tap-root, and absolutely free from stringiness. Foliage small and of a rich bronze purple. The skin and flesh are a deep, rich purplish crimson, fine grained, sweet and tender in all stages of growth. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.10, postpaid.

GARDEN BEETS—A Select List of the Best

One ounce of seed will sow sixty feet of drill, five pounds will sow an acre in drills

All varieties in regular large-sized packets, at 5c. per packet, postpaid. Deduct 10c. per lb. from these prices if ordered sent by express.	Per oz.	¼ lb.	Per lb.
Lannier's Superba (Novelty 1904). Fine shape, rich red, sweet; pkt., 10c. See page 2,	\$0 20	\$0 50	\$1 50
Extra Early Egyptian Blood Turnip. A standard early sort with small top . . .	10	20	60
Johnson & Stokes' Surprise. Extra early, small top, splendid shape and color . . .	10	30	90
Improved Eclipse. A fine round beet of first quality; very early, greatly improved,	10	25	70
New Meteor. Fine round shape, skin dark blood-red, flesh red, very sweet . . .	10	30	90
New Columbia. (Carter's Excelsior.) Round, smooth, deep red flesh	10	25	75
Arlington Favorite. Very early and handsome Blood Turnip with dark leaves . .	10	20	60
Lentz Extra Early Blood Turnip. First introduced by us—original stock	10	20	50
Bastian's Extra Early Blood Turnip. Very early and popular, small top	10	20	50
Early Bassano. Quite early, very sweet, light-colored flesh, fine form	10	20	50
Detroit Dark Red Turnip. Of fine dark color and form; splendid for market . . .	10	20	65
Dark Stinson. Very popular with Philadelphia gardeners, good for winter	10	20	60
Edmand's Early Red Turnip. Fine medium early, deep red, very uniform	10	20	55
Bastian's Half-Long Blood. One of the most popular winter keepers	10	20	50
Ford's Perfected Half-Long. An improvement on the above; better shape; by far the handsomest and best half-long beet for winter use	10	25	80
Long Smooth Blood Red. An excellent, large, very late sort	10	20	50
Swiss Chard or Silver. Cultivated for leaves, which are used as greens	10	20	55

MANGEL-WURZEL AND SUGAR CATTLE BEETS

We strongly recommend the Mangels and Sugar Beets for feeding to cattle, sheep and swine. The roots grow to a very large size, make a much heavier yield than Turnips, and are more nutritious and fattening for food during the winter, largely increasing the yield of milk in cows. They can be grown at trifling cost. The seed should be sown during April or May, in rows 2½ to 3 feet apart, at the rate of five pounds per acre. When the plants are 2 or 3 inches high, thin or cut out with the hoe to 10 or 12 inches apart. The roots should be harvested before frost and stored in pits or cellars.



Photograph of Prize Chirk Castle Mangel in comparison with the largest Improved Mammoth Long Red, both specimens grown in same field, with same cultivation. We believe this specimen to be the largest Mangel ever grown in America.

THE CHIRK CASTLE MANGEL-WURZEL BEET

Remarkable for its handsome, thick, uniform shape and very broad shoulders, its diameter being greater and its weight much heavier than Mammoth Long Red, as shown in our photograph above. Flesh is deep red, containing less water and more sugar than any other Mangel, making it more nutritious and milk-producing. Sheep also thrive better when fed on it, picking out pieces of it in preference to other kinds. It was originated in Scotland, where it has been known to produce 60 tons to the acre. Pkt., 10c.; oz., 15c.; ¼ lb., 25c.; lb., 75c., postpaid; by freight or express, lb., 65c.; 5 lbs. (enough for one acre), \$3.00; 10 lbs. and over at 50c. per lb.

All the following varieties of Mangel-Wurzel and Sugar Beets are put up in regular large-sized packets, each at 5c. per packet, postpaid. If ordered to be sent by freight or express, deduct 10c. per lb. from prices, or if ordered in 5-lb. lots, 15c. per lb. may be deducted.

	Postpaid, by Mail.		
	Per oz.	¼ lb.	Per lb.
Mammoth Long Red Mangel. Sometimes called Jumbo, Norbitan, Giant, and Colossal. Extensively grown for stock feeding . . .	\$0 10	\$0 15	\$0 35
Taber's Gate Post Mangel. The most useful, largest and best yellow, often weighing 40 lbs. and over, and producing 2,000 to 2,500 bushels to the acre . . .	10	20	60
Golden Giant Intermediate (Yellow Leviathan Mangel). Grows more than half above ground; flesh white, firm, sweet . . .	10	15	40
New Golden Yellow Mammoth Mangel. Form and size resembles Red Mammoth; flesh golden yellow, large and very productive . . .	10	20	45
Champion Yellow Orange or Globe. Heavy cropper; succeeds on light land . . .	10	15	35
Golden Tankard Mangel. Broader than Mammoth Long Red; hardy and early . . .	10	15	35
Giant Half Sugar Rose. A cross of the Mammoth Red Mangel and Improved Sugar Beet, containing more sugar than other Mangels; root large, long and smooth, and of a beautiful light rose tint; fine quality and a heavy cropper . . .	10	20	45
Improved Klein Wanzleben Sugar Beet. Possesses the highest sugar-producing qualities. A very fine and shapely root . . .	10	15	35
Lane's Improved Imperial. An improvement on the French Sugar Beet. Hardier, more productive, yielding thirty-five to forty tons per acre . . .	10	15	35
Red Top White Sugar Beet. The old variety, largely grown for stock feeding . . .	10	15	35

High-Bred American Grown Cabbage Seed

To gardeners generally no vegetable is of greater importance than the cabbage; and to many growers the success or failure of this crop means gain or loss for the year. It does not pay, therefore, to take any risk in buying seed. Much of the seed commonly sold has not had the great care necessary in growing to make it reliable. Our Cabbage Seed is the very best that can be grown, raised only from the centre shoots and from carefully selected solid heads. Our crops are all personally inspected with untiring care and watchfulness. As a standing evidence of its quality, we annually supply hundreds of the best market gardeners about Philadelphia, New York, Chicago and other large cities.



JOHNSON & STOKES' EARLIEST CABBAGE. 10 days earlier than Early Jersey Wakefield.

Johnson & Stokes' EARLIEST CABBAGE

The Earliest and Hardest Heading of All First Early Cabbages

For over 20 years has this splendid cabbage been one of our leading specialties. It has steadily grown in favor and is to-day the standby of many of our best friends. No words of praise can be written that would recommend this most desirable cabbage too highly. It is ten days earlier than Early Jersey Wakefield, and is unsurpassed in fine quality, great beauty and vigor of growth. With it you can com-

mand the early market in your neighborhood. The heads are slightly conical, large, solid and remarkably uniform. Price, pkt., 15c.; oz., 45c.; ¼ lb., \$1.25; lb., \$4.50; 2 lbs., \$8.50; 5 lbs. and over, at \$4 00 per lb.

Johnson & Stokes' Selected Early Jersey Wakefield Cabbage

While this sort is not so early as Johnson & Stokes' Earliest, it will be found to be the very best conical headed sort to come in immediately after it. It heads up remarkably hard and solid, with but few outside leaves, which are unusually thick and heavy, enabling it to stand cold weather without injury when carried through the winter either in the open ground in the South or in cold frames in the North. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

An Ideal List of Early and Summer CABBAGES

By Mail, Postpaid.

Remember our prices are for seeds, postpaid by mail. If ordered by express or freight, deduct TEN CENTS per pound from prices quoted.

Per oz. ¼ lb. Per lb.

Large packets of following varieties, 10 cents each, except where noted:

Earliest Etampes. An extra early small French sort, with pointed heads; pkt., 5c.,	\$0 15	\$0 40	\$1 40
Extra Early Express. Earliest of French cabbages; small pointed heads; pkt., 5c.,	15	45	1 65
Wonderful. One of the earliest American sorts; heads small and loose	30	85	3 00
Early Spring. A new round, flat-headed cabbage, as early as Jersey Wakefield,	20	65	2 25
Charleston or Large Wakefield. About a week later than Jersey Wakefield	25	75	2 75
Foremost German. (Novelty 1901.) Very handsome; matures early, with fine large solid white heads; the best foreign cabbage ever introduced in America.	30	85	3 00
Early Winningstadt. (Grown from Prussian Prize Stock.) Those intending to plant this variety will find our strain superior in earliness, size and solidity . . .	20	60	2 00
Early Winningstadt. Best imported seed as generally sold by others; pkt., 5c.,	15	40	1 40
All Head Early. A flat head, coming in with Early Summer; much larger	20	75	2 50
Early Flat Dutch. We offer a remarkably fine strain; a sure solid header	20	60	2 00
Henderson's Early Summer. A most popular and superior second early sort . . .	20	65	2 25
All Seasons (Vandergaw). One of the finest, growing to a large size quickly . .	20	60	2 00
Henderson's Succession. An excellent second early; on style of All Seasons . .	20	65	2 25
Louisville Early Drumhead. Dark, bluish-green color; popular in the southwest,	20	50	1 75
Fottler's Improved Flat Brunswick. Large, solid heads; fine for early or late.	20	50	1 75

Johnson & Stokes' Market Gardeners' Cabbage No. 2

A Flat-Headed Cabbage, Coming in with Wakefield and Producing Double the Crop of any other Extra Early



JOHNSON & STOKES' MARKET GARDENERS' NO. 2 CABBAGE.

In this, the most perfect and uniform cabbage in existence, we have also the **earliest and most compact of all large cabbages**. It receives nothing but praise from Maine to California, and is pronounced by prominent gardeners everywhere the very best of all large early cabbages, either for Summer or Winter use. In it we have a cabbage so hardy and vigorous that it can be set earlier than Jersey Wakefield or Early Summer, and will produce fine, solid, marketable heads, more than twice as large as Jersey Wakefield and one-half again as large as Early Summer and comes in as early as Large Wakefield and fully a week earlier than Early Summer or any other variety of its size or class. When planted for a Fall or Winter crop there is no other cabbage which will withstand the Summer sun so well and is so sure to form large, deep, solid heads which keep perfectly all Winter. Choicest seed of our own selection and growth: Pkt., 15c; oz., 45c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50; 5 lbs. and over, \$4.00 per lb.

JOHNSON & STOKES' QUICK-CASH CABBAGE

The Earliest and Hardest Flat-Headed Cabbage. See Novelties, Page 3

NEW EARLY GIANT LEADER CABBAGE

The Earliest Very Large Cabbage Known. See Novelties, Page 4

EARLY DANISH ROUND-HEAD CABBAGE

An Early Short Stem Type of the Famous Danish Ball-Head. See Novelties, Page 4

GENUINE DANISH BALL-HEAD CABBAGE

Seed Grown by the Originator in Denmark

An extremely hardy imported cabbage, which is growing in popularity in America, having proven itself one of the very best winter sorts. It is a very sure header, very solid and heavy, an extra good keeper and good seller. It is medium to late, but is generally grown as a late crop. The heads are not extra large, and without many outer leaves, so that it can be grown in close quarters. It has excellent keeping qualities, and comes out of the pit in March or April as fresh as when it was put in. It is the best cabbage to raise where it is sold per ton or by weight, as its solidity is not equalled by any other cabbage in the list. Prices: pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00; 2 lbs., \$3.75.



DANISH BALL-HEAD CABBAGE.



J. & S.

LOUDERBACK'S ALL THE YEAR ROUND CABBAGE.—Unflagging under the hottest sun or heaviest frost.

Louderback's All the Year Round Cabbage



AN AVERAGE HEAD OF HOUSER CABBAGE.

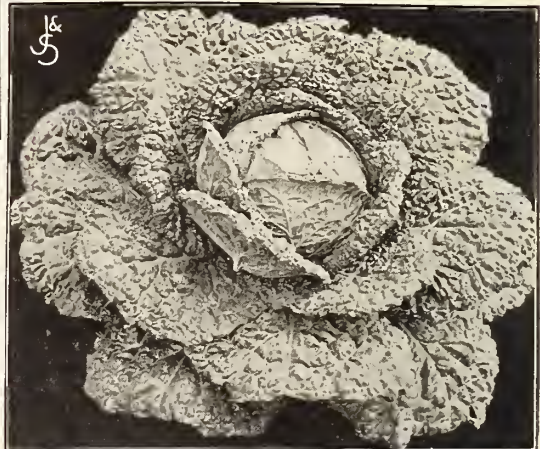
The Houser Cabbage

This new cabbage originated near Harrisburg with the successful market gardener whose name it bears. Mr. J. M. Lupton, the noted cabbage seed grower of Long Island, writes of it as follows: "The **Houser Cabbage** is entirely distinct from anything I have ever grown or anything now on the market. It is fully two weeks later than other sorts and a very hard header. It is a first-class keeper, retaining its color to a marked degree." Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

This cabbage, originated by Daniel Louderback, has for many years been the standard early round-headed cabbage with Philadelphia gardeners, who prefer it to Early Summer and similar sorts, the originator frequently getting as high as \$10.00 per pound for his seed. It is not only the finest early Drumhead in cultivation, but is equally as good for **second and third early, intermediate and late**. Heading large, compact and solid at all seasons. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

Johnson & Stokes' Hard Heading Savoy

The best and most profitable strain to grow, being far superior to the Imported Drumhead Savoy, as generally sold, the seed of which can be supplied at less than half the price. The heads are large, very uniform, solid and of deep green color. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.



JOHNSON & STOKES' HARD HEADING SAVOY CABBAGE.



Johnson & Stokes' Matchless Late Flat Dutch Cabbage

The largest, handsomest, most uniform and solid of all late sorts, pronounced by experienced cabbage growers the finest strain of late cabbage in the world. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

An Ideal List of Standard Late or Winter CABBAGES All varieties in regular large-sized packets at 10c. per packet. Deduct 10c. per lb. from these prices if ordered sent by express or freight.	Postpaid, by Mail.		
	Per oz.	¼ lb.	Per lb.
Surehead. (Original seed.) Strong, vigorous; very uniform; large and solid . . .	\$0 20	\$0 50	\$1 75
Rockhead Winter. Large, perfect shape, sure header and long keeper	30	75	2 75
Worm-proof Hardiana. Resists action of worms; large, late	50	1 25	4 00
Autumn King, or World Beater. A new strain; enormous solid heads	20	60	2 00
The Lupton. Earlier than Flat Dutch; of closer growth; a large sure header	20	60	2 00
Hollander, or German Export. Heads solid; medium size; white; very distinct,	20	60	2 00
Diamond Winter. Heads extra hard and solid, somewhat flattened; medium	30	75	2 75
Carolina Hard Header. Large, round, solid heads; popular in the South	25	75	2 50
Short Stem Drumhead. Surpasses the old Late Drumhead, ripening earlier	20	60	2 00
Large Late Drumhead. Old favorite winter sort; valuable for main crop	15	40	1 40
Premium Flat Dutch. Largely grown for main crop; a favorite for winter market,	15	40	1 40
Long Island Colossal Savoy. New, large, hard heads of finest quality	35	1 00	3 50
Perfection Drumhead Savoy. Large, loose heads, nearly round; fine quality	20	50	1 75
Improved Red Dutch Erfurt. Very hard heads; deep blood color; for pickling,	20	50	1 75
Mammoth Red Rock. Largest, hardest heading and best red cabbage	20	60	2 00



PHOTOGRAPH OF TWO AVERAGE HEADS OF JOHNSON & STOKES' EARLY ALABASTER CAULIFLOWER TRIMMED FOR MARKET.

Johnson & Stokes' Early Alabaster Cauliflower EARLIEST OF ALL EASIEST GROWN SUREST HEADER

This is not only the earliest, but is the finest cauliflower in the world, and it is so pronounced by all growers who have had it. It is of very dwarf, erect habit, with short outer leaves. Can be planted less than two feet apart each way. It succeeds everywhere, is a **sure header**, every plant forming a large, solid, perfect head, of the finest table quality. Our seed of the **Early Alabaster** is **American grown**, thoroughly acclimated, and from it a crop of cauliflower can be grown as easily as a crop of cabbage, and with greater profit. Pkt., 25c.; 5 pkts., \$1.00; ½ oz., \$2.50; oz., \$5.00; ¼ lb., \$16.00.

CAULIFLOWER

One ounce will produce about fifteen hundred plants and sow about forty square feet. One-half ounces and one-half pounds furnished at ounce and pound rates.

	Per pkt.	Per oz.	¼ lb.	Per lb.
Gilt Edge Early Snowball. Extra fine stock. For forcing under glass during Winter and early Spring, or for planting later in the open ground, no stock of Snowball can surpass it	\$0 25	\$2 50	\$8 00	\$30 00
Extra Early Dwarf Erfurt (Extra Selected). For forcing or open ground Denmark, or Dry Weather. Almost as early as Snowball, with larger heads; succeeds everywhere; finest imported Danish seed	25	2 50	8 00	30 00
Extra Early Paris. Heads of medium size; first-class, sure header	10	70	2 25	8 00
Lenormand Short Stem. Has very large heads; white, firm and late	10	65	2 00	7 50
Large Algiers. Market gardeners' popular late sort; enormous size	10	70	2 25	8 00
Veitch's Autumn Giant. Vigorous in growth, very large and late	10	60	1 75	6 00

BRUSSELS SPROUTS

A Miniature Cabbage Growing on Stalks, Equal to Cauliflower in Flavor

If more widely known, the Brussels Sprout would be as popular as it is valuable; few people appreciate its full worth as a Winter vegetable. It is harder than cabbage and not the least affected by frost.

IMPROVED HALF-DWARF, or PARIS MARKET. The most productive and hardest variety, bearing fine, handsome, solid sprouts, growing closely on the stalk and of finest quality. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.60.



BRUSSELS SPROUTS.

LONG ISLAND STRAIN. Compact sprouts, largely grown for New York markets. Pkt., 10c.; oz., 25c.; ¼ lb., 70c.; lb., \$2.40.

CHICORY

The roots dug in the Fall, dried, cut in thin slices, roasted and ground, are used largely as a substitute for coffee. The leaves make a good Spring salad.

LARGE ROOTED, or COFFEE. The chicory of commerce; the best. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

CHIVES

Chives are very hardy and perennial members of the onion family. They are grown exclusively for their tops. Planted in clumps in any garden soil, they grow readily, and increase so as to render a division necessary. The tops appear very early in Spring, and can be cut throughout the season. Roots, per bunch, 25c. by mail, postpaid.

COLLARDS (COLEWORT)

Collards are largely used as "greens" in some parts of the country, especially South. They are a form of the cabbage, bearing new leaves as the old ones are pulled off. **GEORGIA.** Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

Market Gardeners, Farmers' Clubs and Institutes Wanting to purchase seeds in unusually large quantities should write for special prices. Although we have made prices very low in this catalogue, yet, where a number of pounds or bushels are wanted, we can frequently supply at a lower price than by the single pound or bushel. In writing, give us a list of quantities and varieties required, and we will return list promptly with our **Lowest Cash Price for the lot.**

The Three Best Carrots for Market or Home Garden



IMPROVED DANVERS

NICHOLS' LONG ORANGE

RUBICON HALF-LONG

CARROTS—For the Table and Stock Feeding.

One ounce will sow about one hundred and twenty-five feet of drill; four pounds will sow an acre. All varieties in regular large-sized packets, at 5c. per packet, postpaid. Deduct 10c. per lb. from prices if ordered sent by freight or express.

By Mail, Postpaid.

- Rubicon Half-Long Orange.** The best and most popular half-long carrot. Earlier than Danvers, heavier and thicker at the shoulders, as shown in our photograph above, making it more productive; the leaves are also shorter and finer. A wonderfully heavy cropper, producing from 30 to 40 tons to the acre under good culture (5 lbs. and over, 90c. per lb., by freight or express)
- Improved Danvers.** (Improved American Strain.) Top small; color rich orange; shape, *handsome and smooth*; superior quality; valuable also to grow for feeding stock, being well adapted to all soils (5 lbs. for \$3.50, by express),
- Nichols' Long Orange.** Much earlier than the old Long Orange, with shorter top; color deep golden orange when young, shading to a deep orange red when fully grown. Perfectly smooth and grows without neck (5 lbs. and over, 90c. per lb., by express or freight)
- Early Scarlet Horn.** (Short Horn.) Old standard and favorite early sort . . .
- Ox-Heart, or Guerande.** Early, short, thick, very smooth and handsome . . .
- Early Half-Long Scarlet, Pointed.** Very productive and handsome, fine quality,
- New French Market.** (French Seed.) Fine deep orange color, beautiful, smooth, distinct, half-long shape, free from core. Heavy cropper and a great keeper,
- Chantenay.** (Stump-rooted.) Similar to the old French Nantes carrot
- Saint Vallery, or Intermediate Red.** Rich red color, late, thick and smooth,
- Long Orange.** (Improved.) Well-known standard sort (5 lbs., \$3.00, by express),
- Large White Belgian.** For cattle feeding; very productive and large
- Large Yellow Belgian.** Differing from above in color; a fine late keeper

Per oz.	¼ lb.	Per lb.
\$0 15	\$0 35	\$1 00
10	25	80
15	35	1 00
10	25	85
10	25	85
10	30	90
15	35	1 00
10	25	80
10	25	80
10	25	75
5	15	50
10	20	60

Kind Words from Our Customers

Mrs. R. A. SIGLER, Lewistown, Pa., May 9, 1904, writes: I cannot garden without your Alabaster Cauliflower. It is simply delicious.

Mrs. MAY HALLETT, Garden Road, Vineland, N. J., writes: We have used Johnson & Stokes' flower and vegetable seeds for fifteen years, and find them just as represented in every respect.

ANNIE B. SMALL, West Sumner, Me., writes: Johnson & Stokes' seeds are always reliable, fresh, true to name, and sure to give the purchaser prize-winning flowers and vegetables if properly cared for.

Mrs. T. W. TALLMADGE, 812 Van Buren Street, Milwaukee, Wis., writes: We used Johnson & Stokes' seeds in our garden last year and were most successful; both flowers and vegetables did well. Shall try them again this year.



WINTER QUEEN—Showing its Stocky Habit.

WINTER QUEEN CELERY

The most popular as a late keeper. Since our introduction of this very valuable new celery seven years ago, it has become the most popular of all as a late winter keeper, frequently being seen and selling at high prices in the month of May, after all other celeries are done. It is, without doubt, the most valuable variety of celery for winter and spring use ever introduced, and excels the celebrated Perle Le Grand and Perfection Heartwell as a late winter keeper. It is also much stouter, thicker and heavier, with double the amount of heart of other sorts. The plant is beautiful in appearance, of close habit and compact growth, and blanches to a beautiful cream white. Ribs perfectly solid, crisp and of delicious nutty flavor. Pkt., 10c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.50.



PARIS GOLDEN SELF-BLANCHING CELERY. (From French Seed.)

Paris Golden Self-Blanching Celery

Seed Grown in France by the Originator

While we have annually had contracts with the originator of this grand celery in France, this is the first season we have been able to secure a good supply from this source. Market gardeners generally prefer the French-grown seed when obtainable. It is very early; entirely self-blanching, with large, beautiful golden yellow heart; very crisp, solid and nutty. Pkt., 10c.; oz., 40c.; ¼ lb., \$1.15; lb., \$4.00.

The Best of the Standard CELERIES

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

Large packets, 10 cents each, except where noted.

Perfected White Plume. Very early and extensively grown for market. Our extra selected and perfected market garden strain is entirely free from green celery found in most other strains of this important market sort; pkt., 5c. . . \$0 20 \$0 60 \$2 00

Myer's Quick Growing White Plume. See Novelties, page 6 45 1 10 4 00

Johnson & Stokes' Golden Self-Blanching (American Seed.) Pronounced by many growers the most profitable celery in cultivation, and many gardeners are now planting their entire crops with our superior strain of this variety, 35 1 00 3 50

Rose Ribbed Golden Self-Blanching (Golden Rose). Ribs assume a rosy hue, 30 85 3 00

Giant Pascal. Popular green sort, very brittle, crisp and nutty in flavor; pkt., 5c., 15 40 1 50

Winter Queen. The best late or winter keeper. Stouter, thicker, heavier and containing more heart than any other celery. Ribs thick and very solid 35 1 00 3 50

Perle le Grand. A new, large, green celery, for early and late use; pkt., 5c. 20 50 1 75

Golden Dwarf or Golden Heart. Fine, large, solid, waxy-golden heart; pkt., 5c., 15 40 1 50

Perfection Heartwell. Large heart; superior quality; excellent for winter; pkt., 5c., 20 50 1 75

Schumacher. Immense size; solid, crisp; firm golden-yellow heart 25 75 2 50

Fin de Siecle. A fine selection from Schumacher; fine keeper and shipper 25 75 2 75

Far Superior Many Heart. New late celery; fine keeper 25 75 2 50

Evans' Triumph. A new large, solid green variety; very large ribs; pkt., 5c., 15 40 1 50

Giant White Solid. Of tall, large size; very solid, pure white; pkt., 5c. 15 40 1 50

Soup or Flavoring Celery. (Old Seed.) Used for flavoring soups, stews, etc. 5 10 25

CELERIAC, or Turnip-Rooted Celery. Extra Large Smooth Prague. Pkt., 5c., 20 50 1 75

Per oz.	¼ lb.	Per lb.
\$0 20	\$0 60	\$2 00
45	1 10	4 00
35	1 00	3 50
30	85	3 00
15	40	1 50
35	1 00	3 50
20	50	1 75
15	40	1 50
20	50	1 75
25	75	2 50
25	75	2 75
25	75	2 50
15	40	1 50
15	40	1 50
5	10	25
20	50	1 75

Selected Strains of Sweet or Sugar Corn

One quart will plant about 200 hills, and one peck is required to plant an acre in hills



AN EAR OF BUCK MOUNTAIN CORN

NEW BUCK MOUNTAIN CORN

This is the earliest table corn in cultivation. In general appearance it resembles our celebrated Burlington Hybrid, the grain being smooth, creamy and of white color. The ears, however, are not quite so large, but it is ready for the table a week earlier. It is not strictly a sweet corn, and is not recommended for anything save the very earliest market purposes. Its great hardiness enables it to be planted from two to three weeks earlier than sugar corns like the Crosby, Minnesota or Cory. If pulled when young it is very tender and is very profitable to grow for the first early market.

Price, pkt., 10c.; pt., 25c.; qt., 40c., by mail, postpaid; by express or freight, qt., 30c.; peck, \$1.25; bush., \$4.50.

To have the finest sweet corn, it must be picked in just the right condition; that is, when the skin of the grain breaks at the slightest puncture, and plantings should be made frequently enough to have a supply at this stage. The quality will be inferior if it is either a few days too old or too young.

Mammoth Early Epicure Sugar Corn

A sterling novelty. See page 5.

"Peep o' Day" Sweet Corn

A first early novelty. See page 5.

"Holmes' Premo" Sixty-Day Corn

See Novelties, page 5.

Varieties are arranged in the order of maturity. Large packets, 10c. each; ears, 20c. each, postpaid.

	Postpaid.		By Express or Freight.		
	Pint.	Qt.	Qt.	Peck.	Bush.
STANDARD EXTRA EARLY VARIETIES					
Adams' Extra Early. Not sugar corn; small ears for early use . .	\$0 20	\$0 30	\$0 20	\$0 85	\$3 00
Burlington Hybrid. Most profitable for market; resembles sweet corn; nearly as early as Adams', with ears as large as Evergreen; very prolific	20	30	20	1 10	3 75
Early Cory. (Red Cob.) A very early variety, with fair-sized ears,	20	35	25	1 25	4 25
First of All. A selection from Cory; ears medium size; tender . .	20	35	25	1 25	4 50
Burbank's Early Maine. One of the earliest; large, white ears . .	20	35	25	1 40	5 00
White Cory. Resembles ordinary Cory; but white cobs and grain, . .	20	35	25	1 40	4 50
New Mammoth White Cory. A selection from above; larger ears, . .	20	35	25	1 40	5 00
Minnesota. Nearly as early as Cory; of dwarf growth; ears white, . .	20	35	25	1 15	4 00
New Early Champion. Ripens ahead of Crosby's; larger ears	20	35	25	1 40	4 50
Kendel's Early Giant. Large, handsome ears; ready in 70 days . .	20	35	25	1 25	4 50
Metropolitan. (New.) Grows vigorously; free from smut; fine, . .	20	35	25	1 25	4 50
Crosby's Extra Early. Fair-sized ears; of excellent quality	20	35	25	1 25	4 50
Perry's Hybrid. Very early and of large size; valuable for market, . .	20	35	25	1 25	4 50
SECOND EARLY, or INTERMEDIATE VARIETIES					
Potter's Excelsior, or Squantum. Ears large and well filled out, . .	20	35	25	1 40	4 75
Shaker's Early. Very large, white grain; early and productive . .	20	35	25	1 25	4 50
The Honey. Husks and stalks deep red color; ears cream white . .	25	40	30	1 40	5 00
New Early Evergreen. Ears as large as Stowell's; 10 days earlier, . .	20	35	25	1 25	4 50
Early Mammoth or Asylum. Much earlier than Late Mammoth, . .	25	40	25	1 40	4 50
LATE, or GENERAL CROP VARIETIES					
Country Gentleman. One of the sweetest of all for home table . . .	25	40	30	1 60	5 50
Ziz-Zag Evergreen. Good-sized ears, deliciously sweet	25	40	30	1 50	5 50
Shoe Peg, or Ne Plus Ultra. Small ears, with very irregular rows, . .	25	40	30	1 65	5 50
Stowell's Evergreen. Original stock as introduced by Mr. Stowell, . .	25	35	25	1 25	4 00
Black Mexican. Black grains, sweet and delicious, fine for home use, . .	25	35	30	1 50	5 00
Egyptian, or Washington Market. Fine for market, ears large . .	25	35	25	1 50	4 50
Late Mammoth. The largest ears of all; rich, sweet and superior . .	25	40	30	1 40	5 00



MAPLEDALE PROLIFIC. QUEEN'S GOLDEN. RICE POP CORN.

Pop Corn for the Boys

QUEEN'S GOLDEN POP CORN. This new sort is one of the best of all for popping, owing to its large size, extreme tenderness and pure white color when popped. Ear, 10c.; 4 ears, 25c.; shelled, per pkt., 10c.; pt., 25c.; qt., 45c., postpaid; lb., 15c.; 2 lbs., 25c.; 10 lbs., \$1.00; 25 lbs., \$2.25; 50 lbs. and over, 5c. per lb., by express or freight.

MAPLEDALE PROLIFIC, WHITE RICE and SILVER LACE POP CORN. Well known and popular productive sorts. Each, per ear, 10c.; large packet, shelled, 10c.; pint, 20c.; qt., 40c., postpaid; lb., 15c.; 10 lbs., \$1.00; 25 lbs., \$2.00; 50 lbs. and over, 6c. per lb., by freight or express. Special prices for large lots.

Corn Salad, or Fetticus

One ounce will sow about eighteen square feet, and six pounds will sow one acre.

BROAD LEAVED (LARGE SEEDED). A delicious salad, used during the winter and spring months as a substitute for lettuce, and is also cooked and used like spinach. Sow in spring in drills one foot apart. It will mature in six weeks. For early spring use sow in September and winter over like spinach. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c., postpaid; 5 lbs. and over, 45c. per lb., by express.

Cress

One ounce will sow about fifteen square feet.

EXTRA CURLED. (*Pepper Grass.*) Fine flavor; will cut several times. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

TRUE WATER CRESS. A well-known aquatic plant, with oval leaves, making a delicious and appetizing salad. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.25.

UPLAND CRESS. Perennial, grown same as spinach; flavor resembles water cress. Pkt., 10c.; oz., 30c.

Cucumbers—Choicest Selected Strains



Improved Arlington White Spine Cucumber

Our extra selected strain of this favorite type of Early White Spine is unsurpassed either for forcing or the open ground. The cucumbers are very regular in outline, uniform in size, averaging seven to eight inches in length, straight and of a rich dark-green color. They present the finest appearance in market, and, of course, like all of the true White Spine type, never turn yellow; the light stripes, or "white spines," running from blossom end, only add to the attractive appearance of the older fruits. Flesh white, crisp, and solid, with comparatively few seeds; flavor excellent. Vines of vigorous growth and very productive, yielding large crops early and continuously.

Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00, postpaid; by express, 90c. per lb.; 5 lbs. at 85c. per lb.

LESLIE S. WIGGIN, 116 Glenwood Road, Summerville, Mass., writes: "Johnson & Stokes' seeds are the finest ever. They gave me better products than any I ever used before."



JOHNSON & STOKES' PERFECTED JERSEY PICKLE.



CUMBERLAND—A NEW SLICING AND PICKLING CUCUMBER.

CUCUMBERS—(Continued.)

One ounce will plant about fifty hills, two pounds will plant one acre. Large packets, 5c. each. Deduct 10c. per lb. if ordered by Express or Freight.

- Coy's Early Cyclone.** The Earliest White Spine by 3 weeks. Wonderfully prolific, Peerless, or Improved White Spine. A fine strain; very early and handsome . . .
- Evergreen White Spine.** Retains its deep green color in all stages of growth . . .
- Arlington White Spine.** The old standard favorite for market and shipping . . .
- Improved Arlington White Spine.** A marked improvement on the above . . .
- New Eskimoso.** Earliest Russian Cucumber; a week ahead of old Russian . . .
- Early Frame or Short Green.** For slicing or pickling; productive and early . . .
- Westerfield's Chicago Pickle.** One of the best pickles; very popular West . . .
- Nichol's Medium Green.** Thick through; full ends; for slicing or pickling . . .
- Green Prolific, or Boston Pickling.** Dark green; uniform small size . . .
- Improved Long Green.** (Jersey Pickle.) Dark green, crisp and productive . . .
- Johnson & Stokes' Perfected Jersey Pickle.** New and fine. The best pickle . . .
- New Cumberland.** Very prolific, fine for pickling or slicing. See illustration . . .
- Fordhook Pickling.** Excellent new sort; but not equal to J. & S. Perfected . . .
- Giant of Pera.** Grows 1 to 1½ feet long; one of the best for table use . . .
- New White Pearl.** Small; smooth fruits; the best white cucumber . . .
- West India Gherkin, or Burr.** Small; prickly fruits; best for small pickles . . .

Postpaid, by Mail.		
Per oz.	¼ lb.	Per lb.
\$0 15	\$0 50	\$1 50
15	40	1 00
15	40	1 00
15	40	1 00
15	40	1 10
15	40	1 10
15	40	1 10
15	40	1 10
15	40	1 10
15	40	1 10
15	50	1 25
15	50	1 25
15	40	1 00
15	50	1 25
15	50	1 25
15	50	1 40



NEW JERSEY IMPROVED EGG-PLANT.

Egg-Plant

One ounce will produce about one thousand plants.

NEW EARLY BLACK BEAUTY. See Novelties, page 7. Pkt., 10c.; oz., 55c.; ¼ lb., \$1.50.

NEW JERSEY IMPROVED LARGE PURPLE SMOOTH STEM.

In the great markets of New York and the North the finest egg-plants seen are those produced in New Jersey, whose growers have, by long experience, attained remarkable skill in

bringing this plant to the greatest perfection. The New Jersey Improved is a decided improvement on the New York Large Purple in quality, size and great beauty. The plants are large and vigorous; leaves of a light green shade; fruit early, very large, oval and of a fine deep purple—never red or yellow; flesh white, tender and superior. Pkt., 10c.; oz., 35c.; ¼ lb., \$1.25; lb., \$4.00.

NEW YORK IMPROVED LARGE PURPLE SPINELESS. A standard leading market variety, grown extensively in sections where the New Jersey Improved has not been introduced; large, round, dark fruits; very productive. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.75.

Dandelion

IMPROVED LARGE, OR THICK LEAVED. A very early and healthful spring salad. Sow early in drills eighteen inches apart. Pkt., 10c.; oz., 50c.; ¼ lb., \$1.50.

Endive

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

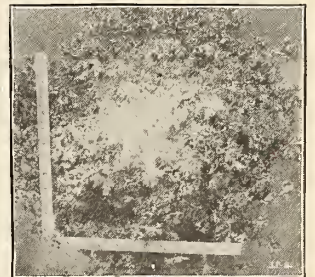
MAMMOTH GREEN CURLED. Superior to the old Green Curled. Leaves are very crisp, tufty and full. Mid-rib is pure white, with large, white heart, fleshy and tender. Equally suitable for spring, summer or autumn planting. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

GIANT FRINGED OR "OYSTER" ENDIVE. A very handsome variety, largely used in Philadelphia and other Eastern cities to decorate the display of oysters during winter in restaurants and oyster houses, hence its distinctive name. By tying up the centre, can be easily blanched. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

EVER WHITE CURLED. A beautiful variety; mid-rib yellow. Leaves almost white, large size, crisp and tender. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

BROAD-LEAVED (Escarolle). Large and sweet, blanched as salad. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

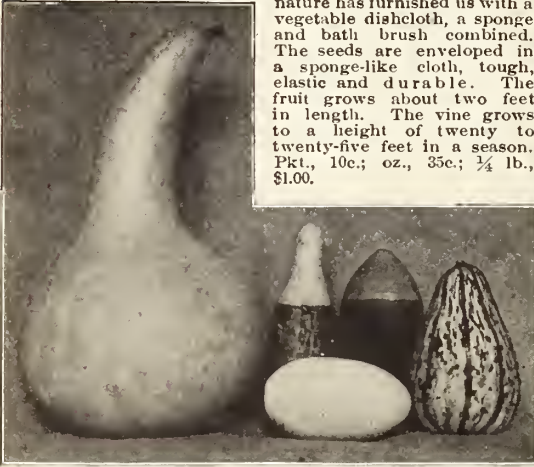
NEW BERLIN GIANT ENDIVE. With market gardeners who tested it the past seasons this new German Endive has proven to be by far the largest in cultivation, even excelling our Mammoth Green Curled, which it resembles in form and leaves, but of greater size. No other endive compares with the New Berlin Giant in large size and handsome appearance. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.



BERLIN GIANT ENDIVE.

Gourds

The most useful for household and farm purposes. **LUFFA, or DISHCLOTH.** This remarkable and handsome climber is a native of the East Indies. In its nature has furnished us with a vegetable dishcloth, a sponge and bath brush combined. The seeds are enveloped in a sponge-like cloth, tough, elastic and durable. The fruit grows about two feet in length. The vine grows to a height of twenty to twenty-five feet in a season. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00.



DIPPER GOURD. NEST-EGG. ORNAMENTAL.

DIPPER. Named for its resemblance to a dipper. The capacity varies from a pint to a quart, with handles six to twelve inches long. They are convenient for dipping hot liquids, etc. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

JAPANESE NEST-EGG. These exactly resemble the eggs of hens, making a capital nest-egg; superior to glass eggs, as they do not break, and are uninjured by cold or wet. A rapid-growing climber. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

SUGAR TROUGH. Very useful for baskets, dishes, buckets, etc. They have hard, thick shells, lasting for years, and capable of holding from two to ten gallons each; plant grows rapidly. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

FINE MIXED ORNAMENTAL. A collection of the most ornamental, beautifully colored, mottled and striped, and including all the above. Pkt., 10c.; 3 pkts., 25c.; oz., 40c.

Garlic

The sets should be planted in spring. Cultivate same as onions. Sets, per $\frac{1}{4}$ lb., 15c.; lb., 40c., postpaid; by express, lb., 30c.; 10 lbs. and over, 25c. per lb.

Horse Radish

Horse radish is grown from young roots or sets which should be planted out in the spring. They will form a large-sized radish, fit for use in one season's growth. Roots, per dozen, 20c.; per 100, 75c., postpaid (50c. per 100; \$3.00 per 1,000, by express). Write for special prices in large lots.

Kale—Borecole

One ounce will produce about two thousand plants.

JOHNSON & STOKES' NEW IMPERIAL or LONG STANDING. A beautifully curled and crimped sort. Of strong, vigorous habit, perfectly hardy, bright green color, and very attractive appearance. Superior to all other sorts, and will stand longer without shooting to seed than any other. Height, two feet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.

EXTRA DWARF GREEN CURLED SCOTCH KALE. This is one of the best kales for spring sowing in the North, and is the principal sort grown in the South for Northern markets. It is hardy, and will remain over winter in any place where the temperature does not go below zero. The habit is very dwarf and spreading, and will rarely exceed eighteen inches in height. The leaves are of a bright green color beautifully curled, and produced in great abundance. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

GREEN CURLED SCOTCH. A favorite with Northern gardeners, growing about two feet in height and harder than the Extra Dwarf Green Curled Scotch, being improved by frost; leaves green and beautifully curled and wrinkled. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

SIBERIAN CURLED. (*German Greens.*) This variety grows a little larger and coarser than the preceding; the leaves are no so deeply curled and are of a bluish green color; very hardy. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

SEA KALE. Grown for its blanched shoots; cooked like *Asparagus*. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Kohl-Rabi or Turnip-Rooted Cabbage

This is a favorite vegetable in Europe, where it is extensively grown for feeding cattle, as well as for table use. The bulb is formed above ground, and, if used when young and tender, makes a most delicate dish for the table. One ounce will sow one hundred and fifty feet of drill.



SMOOTH WHITE SHORT-LEAVED—THE BEST KOHL-RABI

New Smooth White Short-Leaved

After several years' comparative tests, we find this new sort decidedly the best for market and table use, being much superior to Vienna. It is very early and the best for forcing as well as for outside growth. Bulb is greenish white, beautiful smooth shape and of the very finest texture and quality. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

NEW SMOOTH PURPLE. Very Short-Leaved. Like the preceding except in color. An extra fine purple. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

EARLY WHITE VIENNA. Small bulb, early. Flesh tender and white. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

EARLY PURPLE VIENNA. A little later; color bluish-purple. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

LEEK

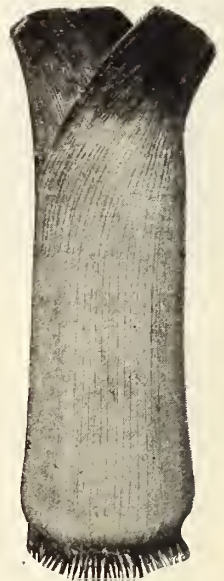
One ounce will sow one hundred feet of drill, and produce about one thousand plants.

NEW GIANT ITALIAN. This new leek from Italy is fully twice the size of the ordinary London Leek, and much handsomer in appearance. Like the Italian onions, it is very mild and agreeable in flavor; extremely hardy and a fine keeper. All who have grown it were astonished at its large size and fine white appearance. It is by far the best leek that can be grown either for the market or home use. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

LARGE AMERICAN FLAG. Previous to our introduction of the Giant Italian, this was the favorite variety. Very fine and large. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

CARENTAN, or SCOTCH CHAMPION. A large variety from Scotland, growing rapidly and very hardy. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

LONDON FLAG. Popular old sort. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.



GIANT ITALIAN LEEK.



New Golden Gate Lettuce

Since our introduction of this grand new summer cabbage lettuce, which we brought from California five years ago, we have received hundreds of letters endorsing its wonderful qualities and pronouncing its large, magnificent cream-yellow colored heads the finest ever grown. It is not only one of the surest headers, but one that will remain in condition for use longer than most others. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Mammoth Salamander Lettuce

In the New Mammoth Salamander we have a variety which possesses all the desirable qualities of the old Salamander, but grows to double the size. It is the result of many years' careful selection and breeding by a Philadelphia market gardener, whose main crop is lettuce. Owing to its handsome appearance and fine quality, it is to-day the most rapid seller in New York and Philadelphia markets. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

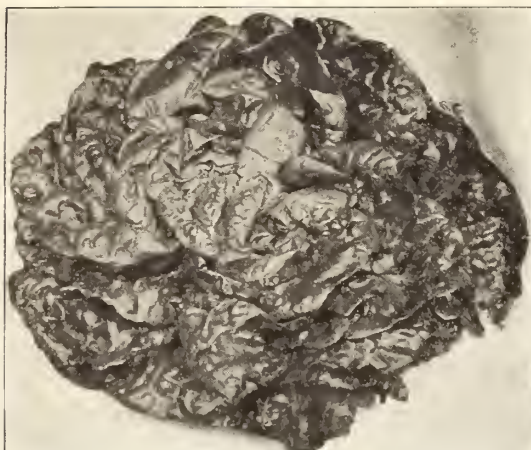
LETTUCE—The Cream of the Cabbage or Heading Varieties.

One ounce will sow about one hundred square feet, and produce three thousand plants. If ordered sent by express or freight, deduct 10c. per lb. from prices quoted. All varieties in regular large-sized packets at 5c. each per packet.

- White-Seeded Tennis Ball, or Boston Market.** A well-known forcing sort . . .
- Arlington Tennis Ball.** Improved strain; saved from plants started under glass,
- Johnson & Stokes' Hot House.** Double the size of Tennis Ball; never rots . . .
- Myers' "All Right."** Produces beautiful large solid heads of finest quality; equally valuable for forcing or open ground planting; few equal, none better,
- Reichner's Early White Butter.** Large, solid; fine for forcing or open ground,
- Big Boston.** A fine strain for forcing or open ground; very large, solid heads,
- Johnson & Stokes' Summerlead.** A grand new Summer lettuce, very large, handsome yellow heads of perfect quality; remarkable to withstand heat, and the slowest to shoot to seed . . .
- Mongolian.** A new variety from Asia, valuable for Spring and Fall planting outdoors; very crisp and delicate in flavor . . .
- The Copperhead.** Large, solid and distinct color, light brown outside, shading to light pink inside; crisp and handsome . . .
- Giant Glacier.** (New.) Large light green heads; leaves crimped and swollen, like Savoy Cabbage; withstands heat and drought . . .
- Sensation.** The best and most popular all-year-round Lettuce; forms a solid head before half grown; light yellowish green color, of the finest quality . . .
- Silver Ball.** Head white, solid, firm; splendid for Spring and Summer use . . .
- Philadelphia Dutch Speckled Butter.** Fine, large heads of excellent quality . . .
- Hornberger's Dutch Butter.** Improvement on Dutch Butter; private stock . . .
- New Iceberg.** Very solid; large, handsome cabbage lettuce; superior quality . . .
- White Russian Summer.** Very large, handsome heads; fine for open ground . . .
- Champion Spring and Summer.** Large, solid, golden yellow heads of the most showy type, very popular for market and shipping . . .
- Treasure.** Extra large, solid, creamy yellow heads; slow to shoot; fine for South,
- California Cream Butter, or Royal Summer Cabbage.** Fine, solid heads . . .
- Salamander.** Fine compact heads, which resist Summer heat admirably . . .
- Deacon.** A large, solid cabbage lettuce for Summer; heads light green outside . . .
- Nansen, or North Pole.** (New.) Style of Deacon; ten days earlier, very hardy, . . .
- New York (Wonderful).** Large, dark green heads; used only as a Summer sort,
- Philadelphia Early White Cabbage.** Handsome heads of superior quality . . .
- Improved Hanson.** Very large, solid and of fine quality; withstands the hot sun,

By Mail, Postpaid.

Per oz.	¼ lb.	Per lb.
\$0 10	\$0 40	\$1 25
20	50	1 75
25	70	2 25
25	70	2 25
15	40	1 40
15	40	1 40
25	80	3 00
25	70	2 25
20	60	2 00
15	40	1 40
25	60	1 75
15	40	1 25
15	35	1 25
20	60	2 00
15	35	1 20
15	40	1 40
15	40	1 40
25	60	1 75
15	35	1 20
15	35	1 20
15	35	1 20
15	35	1 20
15	35	1 20
10	30	1 00
15	35	1 20



J. & S. Summerlead Lettuce
Best to Stand Heat

A few years ago we received from one of our customers a small package of lettuce, with the request that we give it a fair test with other summer varieties at Floracraft Trial Grounds. We found it a most distinct new variety, and one of the largest and handsomest head lettuces we have ever grown. We were also astonished at its heat-resisting qualities, as during the unprecedented hot summer it remained longer without shooting to seed than any other on trial. The outside color is a light yellowish green, becoming entirely yellow towards the heart, while its tender and crisp table qualities are perfect. Pkt., 10c.; oz., 25c.; ¼ lb., 80c.; lb., \$3.00.



NEW MORSE—THE BEST CURLED LETTUCE, ON A 7½ HAT.

New Morse Lettuce

This excellent new curled lettuce might be called an improved Black Seeded Simpson, except from the fact that the seed is white. It grows to large size. The outer leaves are light green, while within they blanch to a beautiful light yellow. It withstands summer heat splendidly, is very early and of delightful flavor, being very crisp and tender. Pkt., 5c.; oz., 20c.; ¼ lb., 40c.; lb., \$1.25.

LETTUCE—Curled or Loose Leaved Varieties.

If ordered sent by express or freight, deduct 10c. per lb. from prices quoted.
All varieties in regular large-sized packets, at 5c. per packet.

- New Morse.** The best curled growing lettuce, large leaves, light green outside, blanching to light yellow inside; splendid for both early and Summer use; crisp and tender. See illustration above
- Black-Seeded Simpson.** Our improved strain; large, loose heads; light color
- Grand Rapids.** A famous shipping, loose-headed forcing sort; popular West
- Baltimore Oak Leaved.** Very distinct; for Summer; resists great heat
- Early Prize-Head (Brown Cabbage).** Large, loose heads, tinged with brown
- Early Curled Silesian.** A leading early curled sort; fine for cutting
- New Trianon Cos, or Celery Lettuce.** The finest of all the Cos sorts; leaves when bleached are stiff like celery stalks, and can be eaten in the same manner,
- Lettuce—American Varieties Mixed.** Fifteen kinds mixed in one package, giving a succession of fine lettuce the whole season

By Mail, Post-paid.		
Per oz.	¼ lb.	Per lb.
\$0 20	\$0 40	\$1 25
20	40	1 25
20	40	1 25
25	60	1 75
10	30	1 00
10	30	1 00
15	40	1 50
10	30	1 00

BIG BOSTON LETTUCE

This is a fine forcing variety for cold frames during the winter months, as it produces heads of very large size, often twelve inches or more across, and succeeds better in a cooler temperature than most forcing strains. The large heads are beautifully blanched and of superior quality. It heads well also in the open ground during cool weather of spring and fall, and has lately become popular in the South to grow for shipping North. Our seed is an extra selected strain. Per pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.25.

THE MONGOLIAN LETTUCE

A New Variety from Asia

An excellent variety for spring and fall planting outdoors. In delicate flavor and crispness it is all that could be desired, and it will amply repay everyone who plants it for the home table. Per pkt., 15c.; oz., 25c.; ¼ lb., 70c.; lb., \$2.25.



PHOTOGRAPH OF HEAD OF BIG BOSTON LETTUCE.



Our selected strain of this celebrated Rocky Ford Melon has become so popular that thousands of crates like the above appeared in Eastern markets the past season, bringing the highest prices. Much seed now being offered is saved from culls. We warn our customers to beware of such. We offer selected seed of our own growing. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00, postpaid; by express or freight, lb., 90c.; 5 lbs. and over, 80c. per lb.

MUSKMELONS OR CANTALOUPE—A SELECT LIST

One ounce will plant about seventy hills, three pounds will plant one acre.
Deduct 10c. per lb. from these prices if ordered sent by express or freight.
All varieties in regular large-sized packets at 5c. each per packet.

Postpaid, by Mail.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
Netted Beauty. Very early; productive; densely netted; free from ribs	\$0 15	\$0 40	\$1 10
Ivy Gem. Earliest of red-fleshed sorts; large, fine and showy; superior quality	15	40	1 10
Netted Gem. (Golden Jenny.) Very early; small, round and of fine flavor	15	40	1 00
Early Jenny Lind. Small; light green flesh; fine for market. 5 lbs., by express, \$4.50.	15	35	1 00
McCleary's Improved Jenny Lind. Earliest strain; very productive; uniformly good size and well netted. An improvement on Jenny Lind	20	50	1 50
Norfolk Button. (New.) Very early; thick green flesh; fine for market	20	60	2 00
Extra Early Prize. Small; rounder than Jenny Lind; requires good soil	20	60	1 75
Jersey Belle. Larger than Jenny Lind; green flesh; nets up well on light soils,	15	35	1 20
Newport. Shape of Jenny Lind; larger and thicker, but not quite so early	15	35	1 20
Shipper's Delight. (New.) Early, good size, well netted, thick green flesh	20	60	1 75
New Sweet Home. Large, oblong; thick green flesh; of finest flavor	20	50	1 75
New Melrose. Ten days later than Jenny Lind; oval; sweet green flesh	15	35	1 10
Large Hackensack, or Turk's Cap. Large, round, flattened; green flesh	15	35	1 25
New Early Hackensack. Ten days earlier than Hackensack, which it resembles,	15	40	1 20
Superb. Very large, late and showy; heavily netted; sweet green flesh	10	30	90
Emerald Gem. Small, early, productive; sweet salmon flesh; smooth skin	20	60	2 00
Lone Star. Large, oblong; finely netted; free from ribs; rich salmon flesh	15	35	1 10
Perfected Delmonico. Large, oval; orange pink flesh; of very superior quality,	10	30	90
Green-Fleshed Osage. Very hardy, prolific; globe-shaped; lusciously sweet	15	30	90
Red-Fleshed Osage or Miller Cream. Medium size; globe-shaped; very sweet	15	35	1 00
Beck's Strawberry. Delicious new red-fleshed sort, 6 to 8 lbs. each	10	30	1 00
Long Island Beauty. The best of the Hackensack type; very early; fine quality,	15	40	1 40
Cannon Ball. Round; medium size; heavily netted; green flesh; fine shipper,	15	35	1 20
The Banquet. Globe-shaped; densely netted; dark, very rich salmon flesh	10	35	1 10
Bay View. Very prolific and of good size; oblong; green flesh; late	10	35	1 10
Improved Montreal Nutmeg. Large, round, netted; flesh thick and light green,	15	45	1 40
Acme, or Baltimore. Early, oblong, pointed; light green flesh; a fine shipper,	10	35	1 10
Paul Rose, or Petoskey. Salmon flesh, very thick, firm and delicious	10	35	1 10
Anne Arundel. Large, oblong, thick green flesh	10	35	1 10



KLECKLEY SWEETS.

HALBERT HONEY.

THE KLECKLEY SWEETS WATERMELON

This famous "sweetest of all" watermelons has become very popular. Of superb luscious flavor; very fine grained and tender meat. The fruits are of large size, of form shown in above illustration. The rind is very thin and brittle, splitting ahead of the knife when cutting. Price, per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 85c., postpaid.

THE HALBERT HONEY WATERMELON

This melon originated in Texas, and we are convinced that it is one of the best melons ever grown for private use or nearby markets. The rind is thin, and will not hold for shipping any great distance. As the name indicates, the beautiful crimson flesh of this melon is probably sweeter than any other variety in cultivation, surpassing even the famous Kleckley Sweets. It has scarcely any pulp, and is very melting. It is long, dark green, slightly ridged, blunt at both blossom and stem ends, and runs from 15 to 30 inches in length. There are earlier melons, but they cannot compete with this variety after it is ready for market. It uniformly demands the highest price. It is more productive than any other variety we have seen, in all combining so many good points that we feel that it is a valuable addition to our list of melons. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25, postpaid.

BLACK BOULDER—The Great Shipping Watermelon

For this grand new and distinct watermelon we are indebted to the late Aaron Paul. It is enormously productive, reaching a mammoth size, with rich, dark green skin. It cuts equal to any market melon we have ever eaten, and its shipping qualities are phenomenal, no other melon equaling it in tough skin and rind. While it has rapidly become one of the leading melons for market, it is one of the best "all round" melons in existence, and for the family garden it is also without a peer. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00, postpaid.

GENUINE JOHNSON'S DIXIE WATERMELON

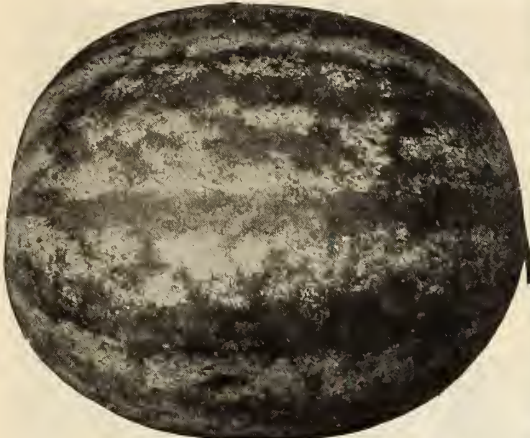
The true Johnson's Dixie is a cross between the Kolb Gem and Old Fashioned Mountain Sweet, and surpasses the Kolb Gem in shipping qualities, and fully equals the Mountain Sweet, Kleckley and Florida Favorite in superior eating quality, and is **ten days earlier** than any of them. Its great productiveness is shown from the fact that it frequently matures **six to eight large melons** to the vine. Owing to the great popularity of this variety, another and much inferior melon is frequently substituted and sold for it. If you want quality and genuine seed, send to the introducers. Price, per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c., postpaid; by express, lb., 55c.; 5 lbs., \$2.50.

EXTRA SELECTED STOCK SEED. From picked melons. Oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25, postpaid.

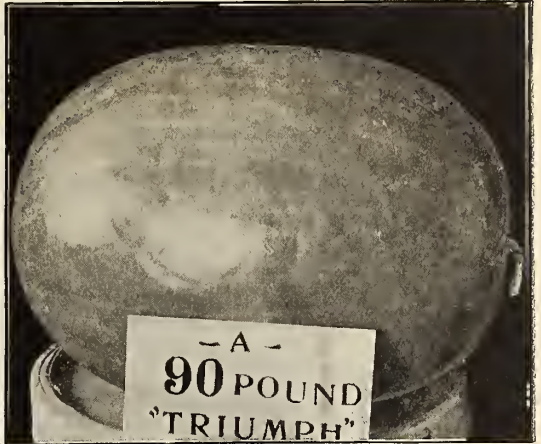


BLACK BOULDER WATERMELON.

JOHNSON'S DIXIE WATERMELON.



SPECIMEN OF PAUL'S BONNY BEST—RIPENED IN 62 DAYS.



New Triumph Watermelon

This new melon has created quite a furore among shippers on account of the very high prices realized by those who have grown them. **Triumph** is a cross between the **Duke Jones** and **Kolb Gem**, having the handsome dark green color of the former and the fine shipping qualities of the latter, but infinitely superior in flavor and grows much larger than either, having been known to attain a weight of over 100 lbs. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., postpaid; by express or freight, lb., 65c.; 5 lbs. and over, 60c. per lb.

Paul's Bonny Best Watermelon

The earliest watermelon in cultivation. It originated with the late Aaron Paul, the famous New Jersey melon grower and hybridizer. In our trials in past seasons we had good-sized melons, plenty large for market, weighing 15 to 20 lbs. each, on July 10th, from seed planted May 9th, while most other varieties could not be eaten until about August 1st. Flesh red, deliciously sweet, with but few seed. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 55c.; lb., \$1.70.

Standard WATERMELONS with Real Merit

By Mail, Postpaid.

One ounce will plant about fifty hills and four pounds will plant one acre.
Large Packets of any variety, 5c. each. If ordered sent by express or freight, deduct 10c. per lb. In 5-lb. lots and over, 15c. per lb. may be deducted.

- Fordhook Early.** Very early ; good size ; medium green, red flesh of fine quality,
- Early Jumbo.** Round ; of large size ; dark green skin ; extra good quality . . .
- Dark Icing.** Early, round, solid, with thin dark green skin ; of superior quality,
- Light Icing, or Ice Rind.** Round in form like the above ; flesh of fine quality .
- Gray Monarch, or Long White Icing.** Very large, long ; crimson flesh
- Black Diamond.** Large, round ; skin dark green ; tough ; red flesh, fair quality,
- Black-Eyed Susan.** (New.) Oblong ; striped ; rind tough ; delicious red flesh,
- Sweet Heart.** Mottled light green ; large, oval, heavy ; red flesh ; fine shipper,
- Alabama Sweets.** A grand new shipping melon ; equal to Icing, Kleckley and Florida Favorite in luscious quality ; long, dark green, continuous bearer . .
- McIver's Wonderful Sugar.** Resembles Old Rattlesnake, superior in quality .
- Pride of Georgia.** Round, large, crisp ; bright red flesh ; fine shipper
- Santiago Mammoth.** Superior to Mammoth Ironclad, which it resembles . . .
- Ice Cream, or Peerless.** Very early ; red flesh of fine quality ; white seed . .
- Cuban Queen.** Early, solid and heavy ; skin striped dark and light green . . .
- Kolb Gem.** Very large ; flesh red ; a good shipping sort ; popular in the South .
- Blue Gem, or Iceberg.** A blue Kolb Gem, better quality ; desirable for shipping,
- Florida Favorite.** A superior strain ; large, oblong, striped ; luscious red flesh,
- Scaly Bark.** Very large ; dark green ; light crimson flesh of good flavor . . .
- Gypsy, or Georgia Rattlesnake.** Oblong, dark and striped ; bright red flesh .
- Colorado Preserving Citron.** (Green seed.) Also called Apple Pie ; for preserves,
- Green Citron.** (Red seed.) Round and handsome ; for preserving only

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 10	\$0 30	\$1 00
10	25	80
10	20	60
10	20	60
10	25	80
10	25	65
10	25	75
10	20	60
10	30	90
10	25	80
10	20	65
10	20	60
10	20	60
10	25	75
10	30	90
10	20	60
10	25	80
10	20	65
10	20	50

Photographic Competition

Don't fail to read our offer to distribute \$200.00 in cash for photographs of vegetables and flowers. Take pains; get them large and clear as possible. See page 13.

MUSHROOM SPAWN



RICHARD'S ENGLISH MILLTRACK MUSHROOM SPAWN. (Freshly imported.) This brand is preferred by all the large mushroom growers of Great Britain, and gives better success in this country than any other brand, because of its fine quality and great productivity.

Mushrooms can be successfully and profitably grown during the Winter and Spring months on greenhouse benches, in frames, under greenhouse benches, in the open fields, or in cellars or outhouses. They are the most profitable crop for the outlay that can be grown, the American market being the best in the world for them.

Richard's English Milltrack brand (made by the most experienced maker in England) can be thoroughly relied on to produce a good crop of the best mushrooms. One brick will plant eight square feet of bed. Per brick, 1¼ lbs., 15c. (brick, postpaid, 30c.); 10 lbs., \$1.15; 25 lbs., \$2.50; 100 lbs. and over, 7c. per lb., by express or freight. *Leaflet-Essay with directions for cultivation accompanies each order for spawn.*

MUSTARD

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

SOUTHERN GIANT CURLED. Highly esteemed in the South, where the seed is sown in the Fall, and used in the Spring as a salad. Our stock is the true curled leaf, and produces plants two feet high, and of greater breadth, forming enormous bunches. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

NEW CHINESE. Leaves twice the size of the ordinary White Mustard, crimped like a Savoy cabbage; stems more succulent; flavor pleasantly sweet and pungent. In six weeks from the time of sowing, the leaves are eaten boiled like spinach, and the plants will continue to yield until frost sets in. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

WHITE LONDON. The old sort, used for salads and flavoring. Oz., 5c.; ¼ lb., 15c.; lb., 35c.

BLACK OR BROWN. Oz., 5c.; ¼ lb., 15c.; lb., 35c.

MARTYNIA

MARTYNIA PROBOSCIDEA. The best and most productive variety for pickling. Pkt., 10c.; oz., 30c.; ¼ lb., 85c.; lb., \$3.00.



NASTURTIUM—Indian Grass

TALL YELLOW. The best for pickling seed pods, or garnishing. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

DWARF MIXED. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

OKRA—Gombo

One ounce will plant one hundred hills.

Perkins' Mammoth Long Podded



PERKINS' MAMMOTH LONG GREEN
PODDED OKRA.

This distinct new okra is by far the best. It was originated by M. B. Perkins, a well-known New Jersey trucker, after many years of careful study and selection. Its productivity is simply wonderful. The pods shoot out from the stalk within three inches of the ground, and the whole plant is covered with them to the extreme height of the plant. The pods are an intense green color, of unusual length, eight to nine inches, very slim, and do not get hard, as is the case with other okras. It is also much sought after by canners, being the best of all green sorts for canning for Winter use. Our seed is grown by the originator. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c., postpaid; by freight or express: lb., 65c.; 5 lbs. and over, 60c. per lb.

LADY FINGER.

A fine new variety from the South. Very productive of extra long, slender pods of fine round form, white and smooth. If used in its early state of growth, it will be found exceptionally tender and choice. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

DWARF GREEN PROLIFIC, or DENSITY. A distinct variety, growing about 14 inches in height. Very productive of fine, smooth pods. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

WHITE VELVET.

This distinct and beautiful new okra was originated in Georgia. The pods are very large, perfectly smooth, never prickly, round, not ridged or square, as in other okras. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Market Gardeners, Farmers'

Clubs and Institutions

wanting to purchase seeds in unusually large quantities should write for special prices. Although we have made prices very low in this catalogue, yet where a number of pounds or bushels are wanted, we can frequently supply at a lower price than by the single pound or bushel. In writing, give us a list of quantities and varieties required, and we will return list promptly with our **LOWEST COST PRICE FOR THE LOT.** Address inquiries, Johnson & Stokes, Philadelphia, Pa.

OUR PEDIGREE ONION SEED

There is no vegetable in which the quality of the seed exerts a greater influence upon the crop than in onions. Our stock is all grown from choice bulbs, selected by hand, and is unsurpassed in this country. During our whole business career as seedsmen, it has always been our aim to make quality a first consideration, price afterwards, and in no one crop have we met with greater reward for our efforts than in onions, the demand for our seed having increased so rapidly that we have been obliged to largely increase our facilities for growing every year for several years past.

One ounce will sow one hundred feet of drill. To grow large onions from seed, five pounds to the acre; to grow small sets, fifty to sixty pounds to the acre are required. For full information for culture, storage and marketing onions and onion sets, see our **New Leaflet-Essays** on this subject, which will be sent free with all orders for onion seed, when requested.



Philadelphia Yellow Globe Danvers Onion

Do Not Confound with the Ordinary Yellow Globe Danvers of Other Growers

This **improved** variety is pronounced by onion growers, who now grow it in preference to all other onions, the very best strain in cultivation. It is the **earliest** yellow globe variety, **large** in size, **uniformly perfect** in shape and the **largest cropper**, producing from seed 1,000 bushels to the acre with good cultivation. It is also the most reliable for bottoming, and one of the **best keepers** of all American Onions. Prices, new crop, **Pedigree Tested Seed**, grown from selected hand-picked bulbs: Pkt., 5c; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00, by mail, postpaid; by express or freight, lb., 90c. 5-lb. lots for \$4.25; 10 lbs., 80c. per lb.; 25 lbs. and over, 75c. per lb.

WM. D. ROBINSON, Fairport, N. Y., Aug. 1, 1904, writes: "The purest and finest strain of Yellow Onion ever raised in this county is your Philadelphia Yellow Globe Danvers. My father, who has raised onions for thirty years, says he has never seen so fine a stock as mine."

J. BALDING, East Greenbush, N. Y., Jan. 8, 1904, writes: "I have the finest onions in the Albany market; they are from your Yellow Globe Danvers seed. These onions surpass all others."



PHILADELPHIA YELLOW DUTCH, OR STRASBURG ONION.

TRUE ROUND YELLOW DANVERS ONION.



MODEL EXPORT HARDY ONION, as bunched for early home market.

Phila. Yellow Dutch or Strasburg Onion

The great set onion—our pedigree Philadelphia-grown seed. The most popular variety for sets, grown so extensively by market gardeners around Philadelphia. The sets of this variety grow round, plump and bright. Full-sized onions are somewhat flattened, as shown in photograph, flesh white, mild flavor and an excellent keeper. Skin bright yellow. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c., postpaid; by express or freight, lb., 75c.; 5 lb. lots, 70c. per lb.; 25 lbs. and over, 65c. per lb.

True Round Yellow Danvers Onion

Our superior stock of this celebrated variety is of fine round shape, as shown in photograph above. It grows to good size, with thin yellow skin, white flesh, fine grained and excellent quality. It ripens early, keeps well and is very productive. This variety is catalogued by many seedsmen as Yellow Globe Danvers, which is a misnomer. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c., postpaid. By express or freight, lb., 75c.; 5 lbs. for \$3.65; 10 lbs., 70c. per lb.; 25 lbs. and over, 65c. per lb.

Model Export Hardy Onion

This new onion, seed of which we offered for sale for the first time last season, originated in Northern New York, where the seed had heretofore been controlled by a few market growers. In fine color they are different from all other onions, and might be described as a pinkish dark yellow or distinct mandarin color. They have become noted for their long-keeping qualities, commanding high prices and much sought after by onion dealers in New York and Boston for shipment to foreign countries. Their rapidity of growth makes them invaluable, as they are ready for bunching for market two weeks before any other onion, growing good-sized onions from the black seed almost as early as other onions grown from sets, and can therefore be produced much cheaper. Per pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 90c.; lb., \$3.00; 5 lbs. for \$13.00.

What Growers Say of 2 Grand Onions

WARREN WEBSTER, Port Monmouth, N. J., Aug. 29, writes: "I had on August 20th onions of your Model Export Hardy, measuring 4 inches in diameter, said by onion growers in this section to be ahead of all onions they ever saw grown from seed. They grew splendidly while other kinds were a failure. As I have the only Model Export in this county I will have a home market for them all at good prices."

R. G. WHITE, W. Orange, S. Dak., Oct. 24, writes: "It is beyond my power to properly describe the merits of the New Hardy Export Onion. It is very large for one so early, distinct and beautiful in color, extremely hardy, and the onions look to me as though they would keep for a year."

JOHN O. RASSEN, Mill Hall, Pa., Aug. 13, writes: "Your Philadelphia Yellow Globe Danvers Onion seed has produced for me the finest crop of onions in all this section; no other will be planted here next year."

HENRY HOSKINS, Binghamton, N. Y., writes: "In twenty years' experience your Philadelphia Yellow Globe Danvers has proven the best and handsomest onion I have ever grown; a wonderful seller and keeper."



EXTRA EARLY RED GLOBE DANVERS ONION

This new onion is of a perfect globe shape, resembling the Southport Large Red Globe in its rich purplish-crimson color, but is ready for market several weeks ahead of that variety, and is unquestionably the earliest American red variety ever introduced, and one of the best keepers. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.60, postpaid; by express, lb., \$1.50.

New Extra Early Australian Yellow Globe Onion

A fine deep globe strain of the celebrated Australian Brown Onion. Bulbs very solid and heavy, with remarkable keeping qualities. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40.

Philadelphia Extra Early Red Flat

Ten days earlier than Wethersfield; of medium size and deep red color; well adapted to cold mucky soils, where other varieties fail to produce full-sized onions. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00, postpaid; by express, lb., 90c.; 5 lbs., \$4.25.

Extra Large Red Wethersfield

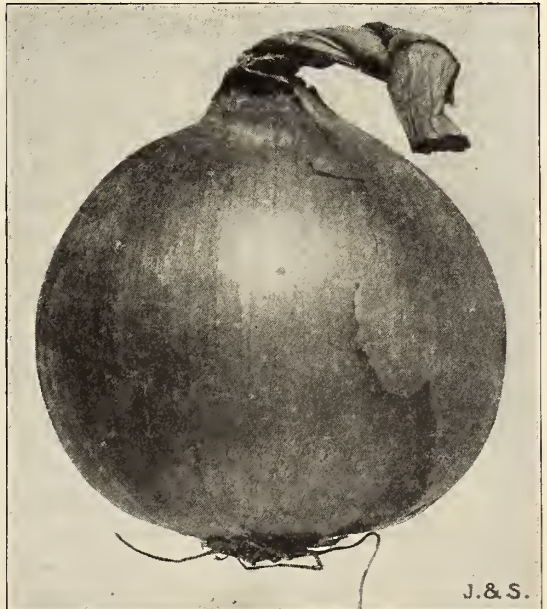
A fine strain, far surpassing the ordinary Red Wethersfield in **size, productiveness and keeping qualities**. Immense crops of this onion are grown each season from our seed by some of the largest growers in the United States. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00, by mail, postpaid; by express, lb., 90c.; 5 lbs., 85c. per lb.

MINNESOTA GLOBE ONIONS

These are new true globe onions of the finest and most select type, so called to distinguish them from all other stocks of red and white globe onions, differing in earliness, productiveness, perfection of shape and long-keeping qualities. From reports of customers and our trials with them, we believe them to be the onion of the future. We offer choice new seed grown in Minnesota by the originator.

Minnesota Globe Wethersfield Red Onion. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Minnesota White Globe Onion. Per pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 80c.; lb., \$2.75.



TYPE MINNESOTA GLOBE ONION.



A Select List of other Standard American Onions

Large packets, 5c. each, except where noted. If ordered sent by express or freight, deduct 10c. per lb. In 5-lb. lots and over, 15c. per lb. may be deducted.

- Mammoth Yellow Prize Taker.** Very large and fine skin; rich yellow flesh; white, sweet, mild and tender; enormously productive
- Philadelphia Long-Keeping Yellow Egg.** See Novelties, page 8
- Australian Brown.** New long keeper; early, flat; fine quality; distinct color . .
- Southport Large Yellow Globe.** Popular in New England; very deep globe . .
- Michigan Yellow Globe.** True Globe; rich orange; suitable for muck lands . .
- Golden Ball.** Very deep globe; skin rich golden yellow; fine keeper; superior .
- Rhode Island Yellow Cracker.** Earliest yellow onion; flat shape; great keeper,
- Southport Large Red Globe.** Matures late; a splendid keeper; of fine quality,
- American Extra Early Pearl.** Earliest of all white onions; very large; pkt., 10c.,
- New White Prize Winner.** Counterpart of Mammoth Prize-Taker. Pkt., 10c.,
- Southport Large White Globe.** Very large, solid and handsome; deep globe . .
- Philadelphia White Silver Skin, or Portugal.** Best white onion for sets
- Ivory Ball.** Perfectly round, pure white skin and flesh; best of keepers; pkt., 10c.,
- Hard Round Silver Skin.** The best for pickling; uniform, small, round bulbs,
- White Bunch.** Very early; one of the best for bunching in a green state

THE BEST FOREIGN ONIONS

- Giant Rocca.** Very large globe Italian; reddish brown skin
- Red Bermuda.** Very early; genuine Teneriffe seed; freshly imported
- White Bermuda.** Freshly imported from Island of Teneriffe; genuine seed
- White Queen.** Very early; grows rapidly; mild; remarkable keeper
- White Adriatic Barletta.** Neatest and smallest; valuable for pickling
- Mammoth Silver King.** Handsome flat onion; reaching enormous size

By Mail, Postpaid.

Per oz.	¼ lb.	Per lb.
\$0 15	\$0 40	\$1 25
15	40	1 25
10	30	1 00
15	40	1 10
15	35	1 20
20	60	2 00
15	35	1 20
15	40	1 25
25	60	2 00
30	75	2 75
20	60	2 00
20	50	1 75
25	75	2 50
20	55	1 90
20	55	1 90
15	40	1 40
20	65	2 25
30	75	2 75
20	60	2 00
20	60	2 00
20	60	2 00

CHOICE PHILADELPHIA GROWN ONION SETS

Prices on the following vary with the market from \$3.00 to \$4.00 per bushel. We are always glad to quote special prices for bushels or barrels.

MODEL EXPORT HARDY ONION SETS.

We have grown a limited supply of handsome sets from this valuable new onion. Those planting them should get the very earliest onions. Qt., 30c. (qt., postpaid, 40c.); peck, \$1.75.

AUSTRALIAN BROWN ONION SETS.

This new onion makes a beautiful round set, which keeps until late in the spring. Per qt., 30c. (qt., postpaid, 40c.); peck, \$1.75.

PHILADELPHIA YELLOW DUTCH, or STRASBURG and PHILADELPHIA YELLOW DANVERS ONION SETS; each: per qt., 15c.; qt., by mail, postpaid, 25c.

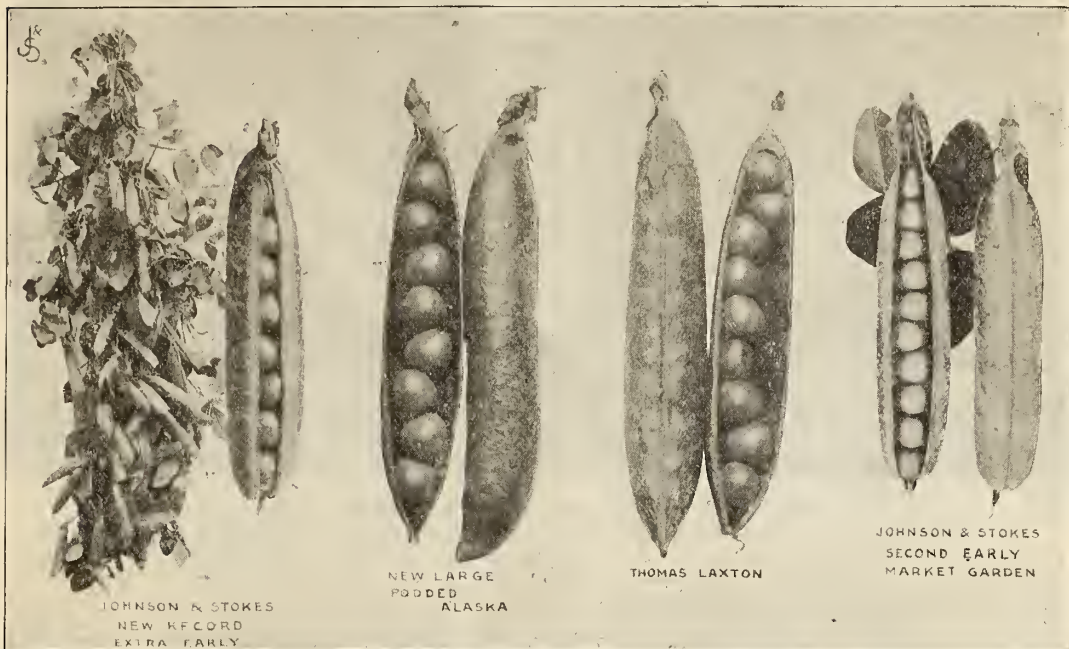
EARLY YELLOW CRACKER and PHILADELPHIA EXTRA EARLY RED ONION SETS; each: per qt., 25c.; qt., postpaid, 35c.

PHILADELPHIA WHITE, or SILVER SKIN, per qt., 25c.; qt., postpaid, 35c.

YELLOW OR RED POTATO and WHITE MULTIPLIER ONION SETS; each: per qt., 25c.; qt., postpaid, 35c.

THE BEST NORTHERN GROWN SEED PEAS

One quart will plant one hundred feet of drill. One and one-half to two bushels will plant one acre.



Four of the Best Early Peas to Plant for Succession

In photographing the above pods they were reduced to one-half natural size.

PEAS—Extra Early Varieties.

Each of the following, 10c. per large packet, postpaid.

We furnish 1/2 pecks at peck rates, 1/2 bushels at bushel rates.

Those marked with a (*) are wrinkled varieties.

Johnson & Stokes' New Record Extra Early. The very earliest, most vigorous, uniform and productive; extra early, **Johnson & Stokes' Extra Early.** The popular fine standard, **Cleveland's Alaska.** The earliest and most popular blue pea, **New Large Podded Alaska.** As early as Alaska, with pods and peas almost double the size, more vigorous and productive; a great acquisition

First and Best. Very early; popular for market and shipping, **Philadelphia Extra Early, Dan O'Rourke, Hancock.** Each,

***Thomas Laxton.** The finest early wrinkled pea, superior in earliness and hardness to Gradus; pods fully as large, enormously productive

***Gradus or Prosperity.** Magnificent new, large podded sort,

***Gregory's Surprise.** (Eclipse.) Earliest wrinkled variety,

***Nott's Excelsior.** An improvement on American Wonder,

***Nott's Perfection.** New; cross of Excelsior and Premium

Gem; harder than either; larger pods, more productive,

***American Wonder.** Well known and very popular

***McLean's Little Gem.** Very prolific; a garden favorite

***Extra Early Premium Gem.** Long, well filled, prolific pods,

PEAS—Second Early and Medium.

***Johnson & Stokes' Second Early Market Garden.** Best

and surest cropper; produces more pods than any other,

***The Admiral.** Fine quality; one of the best for canning

***McLean Advancer.** Fine standard sort; of excellent quality,

***Abundance.** Long, round, well-filled pods; very prolific

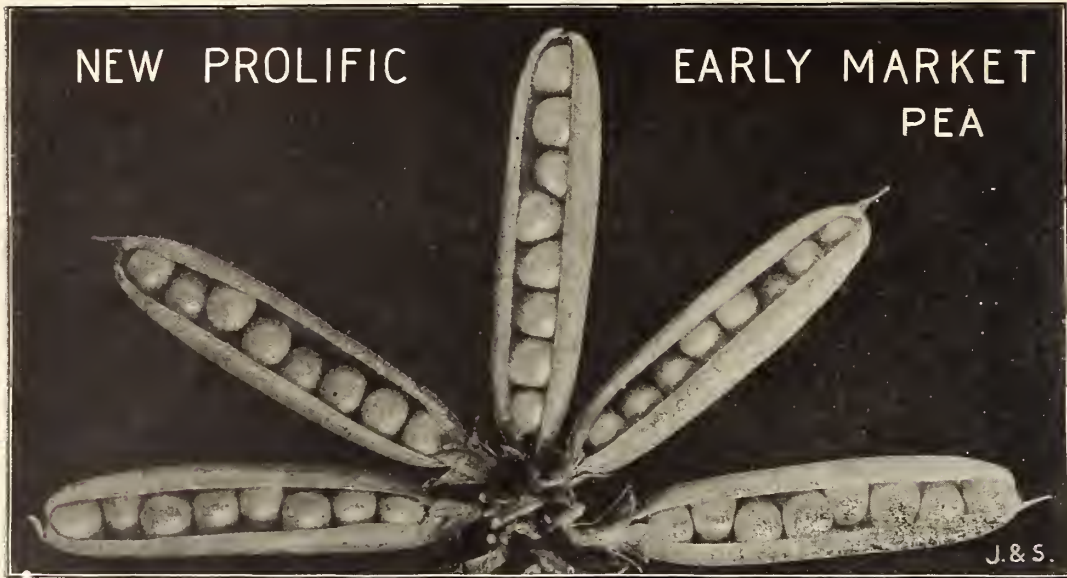
***Horsford's Market Garden.** Style of Advancer; very prolific,

***Heroine.** Large, full pods; productive; quality perfect

Improved Fillbasket. Excellent; one of the best for market,

***Sutton's Satisfaction.** Showy pods; borne double; delicious,

Height in Feet.	By Mail, Postpaid.		By Express or Freight.		
	Pint.	Qt.	Qt.	Peck.	Bush.
2	\$0 25	\$0 45	\$0 30	\$1 50	\$5 25
2	25	40	25	1 25	4 50
2	25	40	25	1 10	3 50
2	35	65	50	2 00	7 00
2 1/2	25	40	25	1 25	4 25
2 1/2	25	40	25	1 25	4 50
2	40	75	50	3 25	11 00
2 1/2	40	75	50	3 25	11 00
1 1/2	25	45	30	1 65	5 50
1	30	50	35	2 25	8 50
1 1/2	30	50	35	2 00	7 50
3/4	30	50	35	2 00	7 50
1	25	45	30	1 75	6 50
1 1/4	25	45	30	1 75	7 00
2	25	45	30	1 60	5 50
3	25	40	25	1 00	3 75
2 1/2	25	40	25	1 25	4 50
1 1/2	25	40	25	1 30	4 75
2	25	40	25	1 25	4 50
2 1/2	25	45	30	1 30	5 00
3 1/2	25	45	30	1 50	5 50
2 1/2	25	45	30	1 50	5 50



NEW PROLIFIC EARLY MARKET PEA

This grand new pea was introduced by Messrs. N. B. Keeney & Son, prominent pea growers of New York State. After a long series of tests, extending over a period of five years, they have placed it upon the market with the claim that it is by all odds the most prolific early market pea offered to the trade. It is three or four days later in maturing than Johnson & Stokes' New Record Extra Early, but it has a record of producing from 30 to 50 per cent. more peas than any other early variety. The pods are from 25 to 50 per cent. longer than the usual Extra Early, and the accompanying photograph, showing eight peas to the pod, is evidence of their heavy bearing qualities. The seed resembles the seed of the Extra Early sorts, but is somewhat wrinkled. Price, pkt., 10c.; pint, 25c.; qt., 40c., postpaid; by express, qt., 30c.; ½ peck, \$1.00; peck, \$1.75; bush., \$6.00.

NEW DWARF CHAMPION PEA

This new pea possesses all the merits of the Champion of England, with less vine (26 inches), larger pods and more of them and coming a little earlier. Pkt., 10c.; pint, 25c.; qt., 45c., postpaid; by freight or express, qt., 30c.; peck, \$1.60; bush., \$6.00.

A GRAND NEW ENGLISH PEA, THE MARKET MASTER

The Best Pea for Medium and Late Use

Vine is very hardy, growing vigorously to a height of about two feet, unusually prolific. Handsome pods growing uniformly to larger size than any pea we have ever seen, and filled with 8 to 10 very large, delicious peas. Prices, pkt., 10c.; pint, 30c.; qt., 55c., postpaid. By express or freight, qt., 40c.; peck, \$2.25; bush., \$8.50.

PEAS—Late or Main Crop Varieties

Each variety in large packets at 10c. each, postpaid

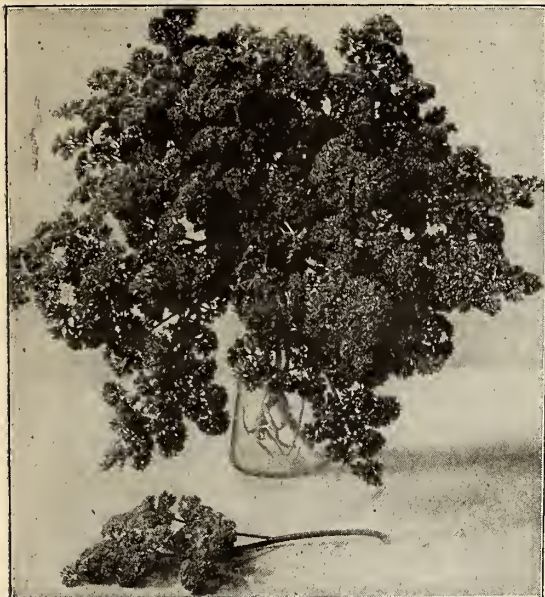
We sell ½ pecks at peck rates, ½ bushels at bushel rates. Those marked with a (*) are wrinkled varieties.

- ***Duke of Albany.** (American Champion.) Immense pods . . .
- ***Improved Stratagem.** Large, full pods; quality fine . . .
- Long Island Mammoth or Telegraph.** Large pods and peas.
- ***Telephone.** Enormous pods and peas of first quality; prolific,
- Carter's Daisy, or Dwarf Telephone.** Cross of Stratagem on Telephone. Very productive. Pods long and well filled,
- Pride of the Market.** Our greatly improved uniform strain .
- ***Champion of England.** Well-known standard variety . . .
- ***Bliss' Everbearing.** Peculiar branching vine; peas large .
- ***Yorkshire Hero.** A spreading variety; very productive .
- Blue Imperial.** A productive market garden Summer favorite,
- French Canner.** Does not blacken under processing . . .
- New Giant Podded Marrow.** Hardest large podded pea .
- Improved Sugar Marrow.** Long pods; true marrow flavor .
- Royal Dwarf White Marrowfat.** A favorite for market . .
- Black-Eyed Marrowfat.** Very hardy and prolific; poor quality,
- Canada Field.** Grown with oats for fodder, also for pigeons .
- ***Dwarf Sugar.** Extra fine; pods used same as Snap Beans .
- Tall Melting Sugar.** One of the best; large, broad pods .
- New Mammoth Podded Prolific Sugar.** Largest and best of the edible podded sorts; broad, fleshy, tender pods . .

Height in Feet.	By Mail, Postpaid.		By Express or Freight.		
	Pint.	Qt.	Qt.	Peck.	Bush.
4	\$0 25	\$0 45	\$0 30	\$2 00	\$7 50
2	25	45	50	3 00	
3½	25	40	30	1 75	6 50
4½	25	40	30	1 85	7 00
1½	30	50	35	2 25	8 00
1½	25	40	30	1 75	6 75
5	25	40	25	1 40	5 00
2	25	40	25	1 25	4 50
3	25	40	25	1 25	4 50
2½	25	40	25	1 00	3 50
4	20	35	20	85	3 00
2	30	50	35	2 00	7 00
3½	25	40	25	1 25	4 75
2½	20	35	20	85	2 75
3	15	30	15	75	2 50
5	15	25	10	50	1 65
1½	25	45	30	1 75	6 75
5	30	50	35	2 25	
3	50	90	75		

Parsley

One ounce will sow one hundred and forty feet of drill.
If ordered by express, deduct ten cents per pound.



A SINGLE PLANT OF MARKET GARDENERS' BEST PARSLEY.

MARKET GARDENERS' BEST PARSLEY

Plant very robust, and is greatly improved by severe cutting. The leaves are large and beautifully curled and of a very dark green. It stands heat, drought and cold better, and will yield double that of any other sort. The whole appearance of the plant is very handsome, and it certainly is "the parsley for either the market or family garden."

Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.20, postpaid; if by express or freight, lb., \$1.10, or 5 lbs. for \$5.00.

CHAMPION MOSS CURLED. Extra Dark Green. Leaves crimped and curled, giving a most beautiful decorative appearance. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

EMERALD, or DWARF EXTRA CURLED. Leaves tender, beautifully crimped; handsome, bright green color; very ornamental. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c.

EXTRA DOUBLE CURLED. An old curled variety for garnishing. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

PLAIN or SINGLE. Pkt., 5c; oz., 10c; lb., 50c.

HAMBURG, TURNIP-ROOTED. Fleshy vegetable roots, for soups, etc. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Parsnip

One ounce will sow about two hundred feet of drill; 5 lbs. will sow one acre.



NEW IDEAL HOLLOW CROWN PARSNIP.

New Ideal Hollow Crown

A greatly improved and wonderfully fine strain of true Hollow Crown Parsnip. The roots do not grow as long as the old Hollow Crown variety, are of larger diameter and more easily gathered. It is a very heavy cropper. The roots are very smooth, flesh fine grained and of excellent quality. The best variety for the market or home garden. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c., postpaid; by express, lb., 65c; 5 lbs. and over, 60c. per lb.

LARGE SUGAR, or LONG SMOOTH HOLLOW CROWN. Well-known old standard sort. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

Peppers

One ounce will sow one hundred yards of row.

THREE NEW PEPPERS. New Neapolitan, Ruby Giant and Chinese Giant. See illustrations and descriptions under Novelties, page 8.



A SINGLE PLANT OF RUBY KING PEPPER.

RUBY KING. Grows to double the size of Bull Nose. The fruits are five to six inches long by about three and one-half inches through. They are bright red, remarkably mild and pleasant in flavor, having no fiery taste. Single plants ripen from eight to ten fruits. The most popular red pepper. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.25.

MAMMOTH GOLDEN QUEEN. Originated on our own grounds, where we first found a single plant growing in a large field of Ruby King some years ago. They grow from fifteen to twenty perfect fruits on a plant, from eight to ten inches long and four to five inches through. Color, bright golden yellow, and so mild they can be eaten like tomatoes. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$3.00.

The following Peppers, 10 cents per pkt.

	Oz	¼ lb.	lb.
Bell, or Bull Nose. Large, mild,	\$0 20	\$0 60	\$2 00
Long Red Cayenne. True, hot,	25	70	2 25
True Red Chili. Very hot,	25	75	2 50
Tabasco. Small, very hot,	40		
Cherry Red. Small, for pickles,	25	75	

Peanut, or Ground Pea

Full directions for planting, growing and harvesting Peanuts printed on each packet.

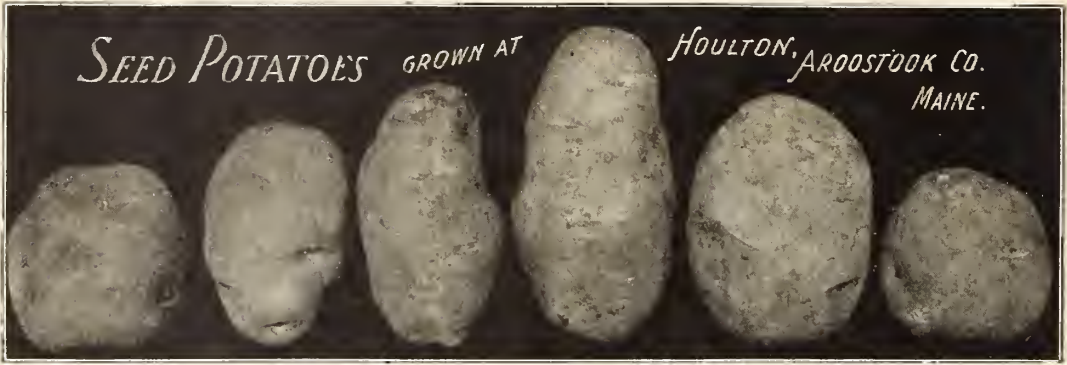


SPANISH PEANUT.

GEORGIA IMPROVED PEANUT.

SPANISH PEANUT. Valuable for the Northern States on account of its great earliness. It is smaller than the ordinary peanut, and can be planted closer in the row. Large pkt., 10c; pint, 25c; qt., 45c, postpaid; peck, \$1.75.

GEORGIA IMPROVED GROUND PEA, or PEANUT. This variety is much superior to the ordinary peanut, yielding fewer imperfect pods and combining earliness, productiveness and size; yields, on ordinary land, over one hundred bushels to the acre. Large pkt., 15c; pint, 30c; qt., 50c., postpaid; qt., 85c; peck, \$2.00, by express or freight.



PRIDE OF SOUTH. BOVEE. PENN MANOR. THOROUGHBBED. TABLE KING. BLISS' TRIUMPH.

SELECTED SEED POTATOES GROWN AT HOULTON, AROOSTOOK CO., ME.

These are universally acknowledged to be the very best. Grown in the cold Northeast, where nature and the elements alike decline existence to all but the very hardiest varieties. We make a specialty of and handle this seed solely. Pure and true to name. We pack all our potatoes in the full-size harrel, which is packed solid full and double headed. Special prices by letter on lots of 5 harrels and over.

PLEASE NOTICE As prices are subject to market fluctuation, we would request that our customers send in their orders as soon as possible. All orders will be promptly acknowledged and potatoes forwarded as soon as weather permits, in time for spring planting. Customers residing South can have them shipped at any time during the winter with little or no risk, but those residing North or West would better wait until the extreme freezing weather is over, in March or April.

POTATOES By Mail All varieties of potatoes can be sent by mail, postage prepaid, at 30c. per lb.; 4 lbs. for \$1.00, correctly labeled and packed to reach the purchaser in good condition. **WHITE POTATO SEED. MIXED.** From the best hybridizers. Per pkt., 25c.

POTATOES—We will furnish in barrel sacks at 15 cents per barrel less than prices here quoted. Prices quoted are subject to market fluctuations.

	Peck.	Bush.	Bbl.
True Houlton, Maine, Early Rose. Pure and genuine, very fine and early	\$0 60	\$1 75	\$4 00
Early Beauty of Hebron. Popular early sort, of excellent quality; productive,	60	1 75	4 00
Early Thoroughbred. Earlier than Rose; more productive; light pink	60	1 75	4 25
Bovee. Earlier than Early Ohio; very prolific; fine marketable size; mealy . .	65	2 00	4 50
Crown Jewel. Very early; fine and productive; pink, { These three varieties are	65	2 00	4 50
Bliss' Triumph, or Stray Beauty. Early, round, red, { the most popular of all	60	1 75	4 25
Pride of South, or White Bliss. Early, round, white, { with Southern truckers. }	60	1 75	4 25
Junior Pride. Extra early; sport of the above, surpassing it in yield and vigor .	65	2 00	4 50
Irish Cobbler. New; round, chunky, 80-day sort; popular for home market . .	65	2 00	4 50
Penn Manor. Very early and productive; light pinkish skin; fine quality . . .	65	2 00	4 50
Early Ohio. Popular first early; does well on upland soil; round and smooth . .	65	2 00	4 50
Rural New Yorker, No. 2. Fine for main crop; large, white, smooth, prolific . .	60	1 75	4 00
Table King. Productive and fine for main crop; extra fine in quality; white . .	65	2 00	4 50
State of Maine. Heavy cropping, late oval variety; white skin and flesh . . .	60	1 75	4 00
Carman, No. 1. Fine medium or intermediate; very large shallow eyes; white . .	60	1 75	4 00
White Star. Sure cropping late sort; large, smooth, white skin and flesh . . .	60	1 75	4 25
Green Mountain. Shape oval; white skin; big cropper and splendid cooker . .	60	1 75	4 00
Vermont Gold Coin. Fine table sort; main crop	75	2 25	5 50
Crine's Lightning. Extra early; russet color	60	1 75	4 50

SEED SWEET POTATOES

We make a specialty of Seed Sweet Potatoes, growing our stock exclusively in New Jersey, about nine miles from our Philadelphia warehouse, where we have unequalled facilities for handling and storing. New Jersey grown sweet potatoes are everywhere acknowledged to be the best in quality, being much dryer and sweeter than those grown in the South and West, while their keeping and shipping qualities are away ahead. We pack for shipment in boxes and barrels, with greatest care; but as they are very susceptible to climatic changes, we cannot hold ourselves responsible for their condition after long journeys of several hundred miles, and wish it distinctly understood that customers take ALL RISKS after we deliver in good condition to the express or railroad company here. We do not ship until about planting time unless specially ordered to do so. Our barrels contain three bushels—good measure. Full and concise directions for hedging and sprouting the seed, setting out and cultivating sweet potato plants, also harvesting and storing for winter, will be found in our new Leaflet—Essays on Sweet Potato Culture, which we will send free with all orders when requested to do so.

EXTRA EARLY CAROLINA, JERSEY "UP-RIVERS" AND EARLY NANSEMOND. The justly celebrated Philadelphia sweet potatoes, universally grown for market. Each, per peck, 80c.; bush., \$2.50; bbl., \$4.50. Plants of the above, ready May 1st, 60c. per 100, by mail, postpaid; by express, 40c. per 100; \$2.50 per 1,000.

VINELAND BUSH SWEET POTATO

The New Vineland Bush Sweet Potato is bound to revolutionize sweet potato culture. It originated on the farm of John Maytrott, the extensive sweet potato grower of New Jersey, from the well-known Early Nansemond and old Vineland Sweet Potato. It is a perfect bush, with no inclination for spinning, resembling a bean bush very closely. The tubers grow directly under the stalk. They are most abundant bearers, good flavor, handsome rich yellow color and excellent keepers. Customers who have tried them say: "They are simply perfection and a great improvement over all other vineless potatoes heretofore sold."

Prices: per 1h., 40c.; 3 lhs., \$1.00, by mail, postage paid; peck, \$1.50; bush., \$5.00, by express. Plants of the new Vineland Bush Sweet Potato, ready after May 1st: 50 for 60c.; 100 for \$1.00, by mail, postage paid; 75c. per 100; \$5.00 per 1,000, by express. 500 plants at 1,000 rates.



J. & S.

KING OF THE MAMMOTHS PUMPKIN.

King of the Mammoths

THE GREAT PRIZE PUMPKIN

This now famous pumpkin first came to our attention some years ago, while visiting France, where we secured seed and distributed it among our customers. The results have been **astonishing**. No other pumpkin ever introduced has reached such **enormous weights**, and been awarded as **many prizes**. Hundreds of our customers have raised specimens weighing **over one hundred and fifty pounds each**. It frequently attains a diameter of over four feet. The flesh and skin are **golden yellow**, and notwithstanding its enormous size, it makes a good **table pumpkin**.

PRICES FOR 1905. Seed saved from specimens selected from our patch weighing one hundred pounds and over. Pkt., 15c.; 4 pkts., 50c. Seeds saved from the general crop, all good, large, uniform specimens. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.

PUMPKINS—A Select List of Standard Sorts.

One pound will plant two hundred to two hundred and fifty hills; four to six pounds plant one acre. Large packets, 5c. each. Deduct 10c. per lb. if ordered by express or freight.

- Cashaw, or Crook Neck.** The old Standard and Popular Crook Neck Cashaw . . .
- Improved Green Striped Cashaw.** Improvement on White Cashaw, green and white striped; flesh rich yellow, solid, fine grained, very thick, sweet . . .
- New Mammoth Golden Cashaw.** The best yet. Skin and flesh rich orange . .
- Nantucket Sugar, or Negro.** A New England variety with dark green skin . .
- Small Sugar.** Early, prolific and very sweet; orange color; fine keeper . . .
- Tennessee Sweet Potato.** Bell-shaped, white flesh, very thick and sweet . . .
- New Winter Luxury.** Golden yellow, finely netted, shape round, flesh very rich, unequalled as a winter keeper and cooking variety . . .
- Quaker Pie.** Shape nearly oval. Cream-colored skin and flesh; fine quality . .
- Golden Marrow.** Round oblong, deep orange, fine flavor, good keeper . . .
- Common Yellow, or Connecticut Field.** Very productive; grown largely for feeding stock (by express or freight, 10 lbs. for \$2.50; bush., 25 lbs., for \$5.00), . . .
- New Calhoun Pumpkin.** Nearly round, somewhat flattened on the ends; skin creamy brown; flesh deep salmon yellow, thick, fine grained, excellent for pies, . . .
- Mammoth Bright Red Etampes.** Glossy red, flat, reaching a very large size . .
- Mammoth Tours, or Citrouille.** Very large; used in France for feeding cattle . .
- Gray Boulogne.** Large, grayish-green; round, flattened on ends . . .

Postpaid, by Mail.		
Per oz.	¼ lb.	Per lb.
\$0 10	\$0 25	\$0 70
10	30	1 00
10	30	1 00
10	30	1 00
10	25	75
15	35	1 00
10	25	75
15	35	1 00
10	30	1 00
5	10	40
10	25	75
20	50	1 75
10	25	75
20	50	1 75



LARGE CHEESE, OR KENTUCKY FIELD PUMPKIN.

LARGE SWEET CHEESE, OR KENTUCKY FIELD.

A most popular variety. Skin mottled light green and yellow, changing to rich cream color as it matures. Flesh yellow, thick, tender, very nutritious; excellent quality and enormously productive. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.



Field of BIG TOM PUMPKINS. Over 20 tons to the acre.

BIG TOM FIELD PUMPKIN

The result of many years' careful selection from the old Golden Marrow Pumpkin. Skin and flesh a deep, rich orange color; weight enormous. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

THE BEST RADISHES

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

Deduct 10c. per lb. from prices quoted, which are post-paid, when ordered sent by freight or express.



SCARLET OR CARDINAL GLOBE RADISH

Scarlet or Cardinal Globe Radish

The Scarlet or Cardinal Globe is our most important market gardeners' forcing radish. The roots are fit for use three weeks from the time of sowing. For forcing in greenhouses, hot beds or cold frames, and for sowing in the open ground early in the spring, it is unequalled and very popular. The bulbs are round or slightly olive shape and a rich, deep scarlet color, with white and tender flesh. On account of its very attractive color and shape, it sells better than most other sorts. It is mild, crisp, juicy and tender. It forms a very small top and does not become pithy.

Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.; 5 lbs., \$3.00.

Felton's Model White Box Radish

Felton's Model possesses all the excellent qualities of the old Philadelphia White Box, but is superior in being much handsomer and earlier, with fewer and shorter leaves; hence it can be sown more thickly in the row, enabling the grower to raise at least one-third more radishes in the same space under glass, in boxes or open ground. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c., postpaid; 5 lbs., \$3.75, by express.

THE COMET

A NEW FRENCH RADISH

Since we first introduced, a few years since, this superior new, early, long white radish, we have received hundreds of letters unqualifiedly endorsing it as by far the earliest, handsomest and best in quality of any of its class. In our own trials it has never failed to give good edible radishes in twenty days from sowing, and has remained in fine condition for use longer than any other extra early variety. We offer choice seed grown for us by the originator in France. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

New Triumph Radish

A Valuable and Distinct Novelty in Forcing Radishes

The roots are about the same size and shape as Rosy Gem, but are creamy-white, beautifully marked with spots and dashes of carmine. The tops are small and it matures about as early as any variety in cultivation. Desirable on account of its distinct beauty, earliness and good quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.



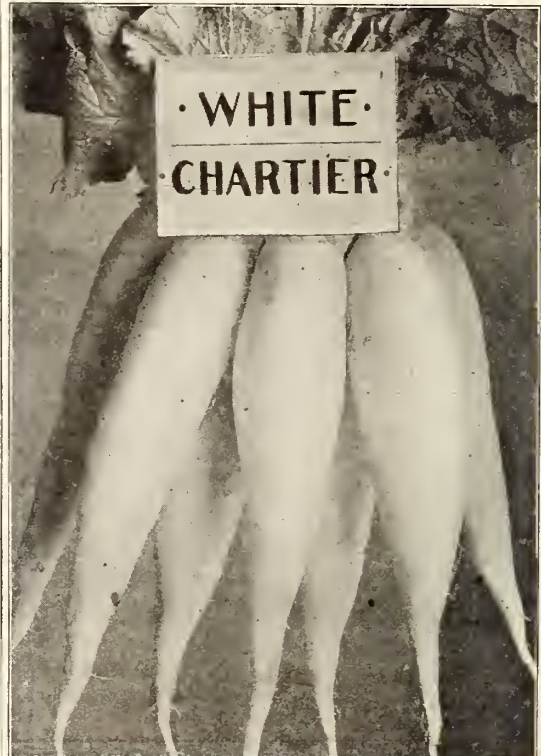
JOHNSON & STOKES' OLIVE SCARLET FORCING RADISH.

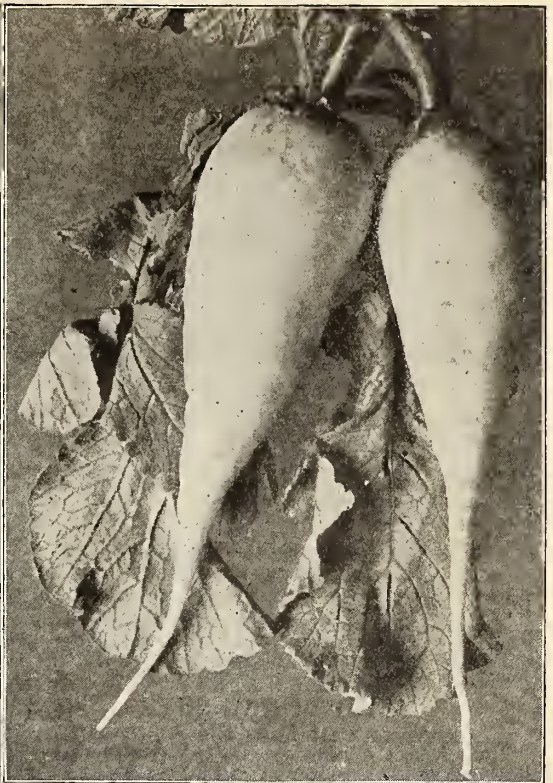
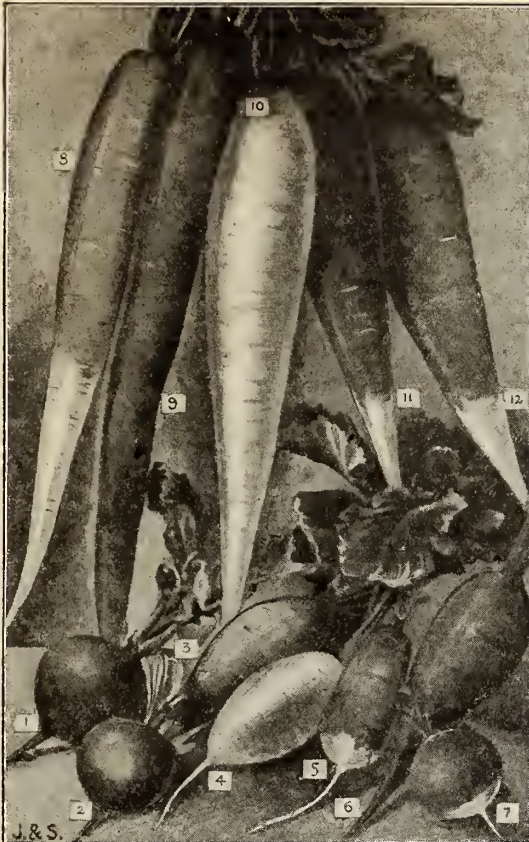
Johnson & Stokes' Olive Scarlet Radish

A decided improvement on the ordinary deep scarlet olive-shaped radish, selected and perfected by a Philadelphia market grower. The tops are so small that the radishes may almost stand touching each other in the rows. Its fine shape, as shown in photograph above, is not its only superior quality, but it is the handsomest in color of all deep red sorts, selling better in market than other olive-shaped sorts. It is also the best early red radish for the home garden, being unusually crisp and tender. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25, postpaid; 5 lbs. for \$5.00, by express.

New White Chartier Radish

This variety, originated in New Jersey, is a white form of the well-known Chartier or Shepherd Radish. It matures in about six weeks from sowing, and remains fit for use three weeks afterward. Tops short, flesh mild, crisp and fine for slicing. Our seed is grown for us by the originator. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.





White Strasburg Summer Radish

This variety is now the most popular Summer radish. Both skin and flesh are pure white, almost transparent, and of a delightful pungent taste. It can be pulled five weeks from time of sowing, yet it will continue to grow without losing its fine quality, and remains tender longer than any other summer sort. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c., postpaid; by express, lb., 65c.; 5 lbs., \$3.00.

- No. 1. Earliest Round Dark Red Radish.
- " 2. Fireball Forcing Radish.
- " 3. Startle, or 20-Day Forcing.
- " 4. New White Rocket Radish.
- " 5. French Breakfast Radish.
- " 6. Scarlet Olive-Shaped Radish.
- " 7. Rosy Gem, or Rapid Forcing.
- " 8. Long Brightest Scarlet, White Tip.
- " 9. Early Long Scarlet, or Salmon.
- " 10. Lady Finger, or White Vienna.
- " 11. Philadelphia Gardeners' Long Scarlet.
- " 12. Chartier, or Shepherd Radish.

Popular Early and Summer RADISHES

Large Packets, 5c. By freight or express, 10c. per lb. less than these prices.

	Per oz.	¼ lb.	Per lb.
Extra Early Scarlet Turnip. Very early, small, round (5 lbs., by express, \$2.25).	\$0 10	\$0 20	\$0 60
Earliest Round Dark Red. (Scarlet Button.) Very fine and early; cut No. 1	10	20	65
Fireball. (Non Plus Ultra.) One of the finest round, red forcing varieties; No. 2,	10	25	75
Startle, or Twenty-Day Forcing. (Red Rocket.) Earliest half-long red; No. 3,	10	30	90
Scarlet Turnip White Tip. Popular (5 lbs. and over, by express, 45c. per lb.)	10	20	60
Rosy Gem or Rapid Forcing. Resembles above in color; a week earlier; No. 7,	10	25	80
White Rocket. (New.) Earliest half-long white; cut, illustration No. 4	10	30	90
Double Quick White Forcing. (New.) Very early; handsome long white . .	10	30	90
Early White Turnip. Both skin and flesh pure white (5 lbs., \$2.25, by express),	10	20	60
French Breakfast. Olive-shaped; red, tipped with white; very handsome; No. 5,	10	20	65
Scarlet Olive-Shaped. Quite early and handsome; of fine quality; cut No. 6	10	20	65
Early White Olive-Shaped. White flesh and skin; crisp and mild flavor .	10	20	65
Olive-Shaped Golden Yellow. (Surprise.) Earliest yellow; fine for early or Summer,	10	25	70
Newcom. Earliest, best and largest half-long white (5 lbs., \$3.00, by express)	10	25	75
Half-Long Deep Scarlet, or Paris Beauty. A great favorite; bright, crisp flesh,	10	25	70
Early Long Scarlet, or Salmon. Old sort; cut No. 9 (5 lbs., \$2.25, by express)	10	20	60
Philadelphia Gardeners' Long Scarlet. A great improvement on Long Scarlet;			
earlier, shorter top; better shape and color, fine keeper; No. 11 (5 lbs., \$3.00),	10	25	75
Cincinnati Market. New long scarlet type, straight, smooth, very small top . .	10	25	70
Long Brightest Scarlet, White Tipped. (Long Cardinal.) New French sort; No. 8,	10	25	75
Wood's Early Frame. Similar to the Long Scarlet; better for forcing (5 lbs., \$2.25),	10	20	60
Chartier, or Shepherd. Large, long Summer radish; scarlet; white tip; No. 12,	10	20	60
Lady Finger, or Long White Vienna. One of the best; cut No. 10 (5 lbs., \$2.25),	10	20	60
Large White Summer Turnip, or Globe. Very popular (5 lbs., \$2.50, by express),	10	20	65
Improved Large Yellow Summer Turnip. Improved shape, fine (5 lbs., \$2.25),	10	20	60

ALL SEASONS RADISHES



NEW CELESTIAL—AN ALL SEASONS WHITE RADISH.

New Celestial, or White Chinese

Seed of this very valuable new Radish should not be sown until Summer, June or July, and is ready for use when three inches long, and continues until ten inches long, by four inches in diameter. It also makes one of the best Winter radishes from seed sown in August. Flesh firm, solid, crisp, pure white. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 70c.

New Round Scarlet China Radish

This new variety of the China Radish is an all seasons red radish; may be sown at intervals from Spring until Autumn. Matures in from six to seven weeks, and is much hardier than most other varieties. Valuable as a Winter radish, as well as for Summer. Its handsome round shape, rich scarlet color, and pure white flesh commend it to all who grow it. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

WINTER RADISHES

Improved Half-Long Black Spanish

Intermediate in shape between the Round and Long Black Spanish, and is much superior to either. Flesh mild, very crisp and sweet, never pithy, and is decidedly the best of black radishes. If stored in damp sand in the cellar they will keep all Winter. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

CHINA ROSE WINTER. One of the best Winter varieties, bright rose-colored; flesh white, firm and of superior quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

OSAKA. A new variety from Japan, growing to mammoth size, of beautiful half-long shape, with pure white skin and flesh. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.

CALIFORNIA MAMMOTH WHITE. The largest grown. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

ROUND BLACK SPANISH. Very popular with Germans, known as *Reitig*. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

LONG BLACK SPANISH. One of the hardiest, keeping until Spring. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

SALSIFY, or OYSTER PLANT

SANDWICH ISLAND SALSIFY.

One ounce will sow about sixty feet of drill.

Salsify is a most nutritious and delicious vegetable, and is one of the crops that should be more generally cultivated on the farm for Winter use and sale, as it can be grown just as cheaply as carrots, parsnips, etc.

WISCONSIN GOLDEN. (New.) Fully as large as Sandwich Island with very rich light golden tinge, bunching up handsomely, and in quality rich, tender and delicious. All lovers of salsify should try this new sort. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40.

MAMMOTH SANDWICH ISLAND. Grows fully double the size of the old Long White. The root is pure white, much heavier and thicker throughout, and notwithstanding their enormous size, are superior in quality. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.20.

Rhubarb (Pie Plant)

One ounce will produce about one thousand plants.

LARGE VICTORIA. An excellent cooking variety. Seed, per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.35.

RHUBARB ROOTS. EARLY STRAWBERRY and VICTORIA. Each, per large root, 15c.; doz., \$1.00; 100, \$4.50, by express; by mail, postpaid, 25c. each; \$2.00 per doz.

Spinach

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

Improved Early Giant Thick-Leaved

This new English Spinach, seed of which we offered for sale two years ago for the first time in America, has gained wonderful popularity with the market gardeners of London since its origin there a few years ago. In our trials it has proven the earliest and quickest growing of all, extremely hardy, productive, large and handsome. We offer seed grown by the originator in England. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c. (by express, 10 lbs. and over, 25c. per lb.).



PLANTS OF PARISIAN LONG STANDING—SHOWING FROM THE ROOT ITS WONDERFUL STRONG, HEAVY GROWTH.

New Spinach—Parisian Long Standing

This New French Spinach surpasses our famous Enkhuizen Long standing in its broad and heavy dark green leaves, which have the true Savoy appearance. It will stand fully two weeks longer than any other variety without running to seed, making it by far the most valuable for spring planting. For wintering over it has proven hardier than the famous American Savoy or Bloomsdale, coming out from under the snow with its dark green leaves in prime condition. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c., postpaid; by express or freight, lb., 50c.; 10 lbs. and over, 45c. per lb.

NEW VICTORIA. Leaves very dark green, almost black, very thick and spread out flat upon the ground. It is a long-standing variety, but not very hardy. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c., postpaid; by express or freight, lb., 30c.; 10 lbs. and over, 25c. per lb.

ENKHUIZEN LONG-STANDING. Leaves round, large, thick, dark green. Our stock is grown in Holland especially for us. Superior to ordinary Long-Standing generally offered. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c., postpaid. By express, lb., 30c.; 10 lbs. and over, 25c. per lb.

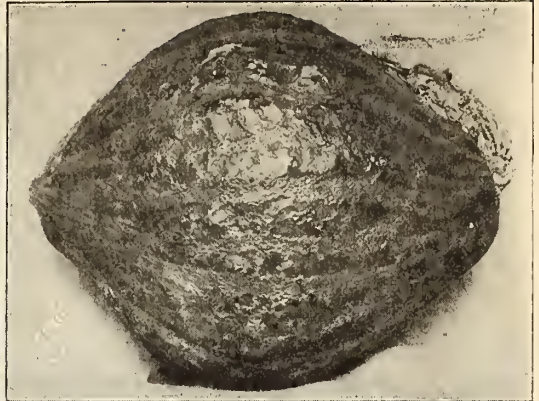
AMERICAN ROUND-SEEDED SAVOY, or BLOOMSDALE. Our celebrated Philadelphia stock. Popular for fall sowing. The leaves are large, thick, finely curled, heavy, produced in great numbers, and stand handling better than most other sorts. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c., postpaid; by express or freight, per lb., 30c.; 10 lbs. and over, 25c. per lb.

THICK-LEAVED ROUND, or VIROFLAY. Large, thick, dark green leaves, very hardy, and most popular in New York markets, where it is the leading variety for Spring and Fall. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c., postpaid. By express or freight, lb., 25c.; 10 lbs. and over, 20c. per lb.

NEW ZEALAND SPINACH. (*Tetragonia Expansion*.) Supplies the place of ordinary spinach during hot weather; succeeds everywhere. Sow in May where the plants are to stand. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.



NEW EXTRA EARLY JERSEY WHITE BUSH.
An improved strain of the old White Bush.
The best and most prolific early Summer Squash.



NEW GOLDEN BRONZE SQUASH. See Novelties, page 9.
The most popular and most productive Squash for Autumn and Winter use.

SQUASHES—A List of Varieties Worth Growing.

One ounce will plant twenty to forty hills. Four to six pounds will plant one acre.

Large packets of any of the following varieties, 5c. each.

If ordered sent by express or freight, deduct 10c. per lb. from prices quoted.

THE BEST SUMMER SQUASHES

- White Bush Scallop.** The well-known white Patty Pan (5 lbs., \$3.00, by express),
- Mammoth White Bush (Silver Custard).** Grows to twice the size of above . . .
- New Extra Early Jersey White Bush.** An improved extra early strain of the old White Bush. Selected and improved by a New Jersey grower. Very productive and shows less ridge or scallop, containing a larger amount of flesh,
- Early Golden, or Yellow Bush.** Differs from White Bush only in orange color,
- Golden Custard.** (New.) Very large Golden Yellow Bush; fine for market . .
- Golden Summer Crookneck.** Small yellow crookneck; early and prolific . . .
- Long Green Summer Crookneck.** Best frying squash; superior to egg plant,
- New Giant or Mammoth Summer Crookneck.** Large and fine for market . .
- White Pineapple.** Peculiar shape, white skin, great keeper, very prolific

FALL AND WINTER SQUASHES

- Boston Marrow.** Bright orange; skin and flesh of very superior quality; a splendid winter keeper and most popular for autumn use
- Early Prolific Orange Marrow.** Earlier than Boston Marrow; very productive,
- Hubbard.** The old favorite popular winter squash; dark green skin; rich flesh,
- Red, or Golden Hubbard.** A perfect type of its parent, with red skin
- Chicago Warted Hubbard.** Improvement on Hubbard; skin heavily warted .
- White Chestnut.** Sweet, yellow flesh; dry as a boiled chestnut; prolific . . .
- Fordhook.** Early, sweet and dry; also a good summer variety; form oblong . .
- Mammoth Chili.** The Jumbo of all squashes, often weighing 200 pounds; pkt., 10c.,

By Mail, Postpaid.		
Per oz.	¼ lb.	Per lb.
\$0 10	\$0 25	\$0 75
10	25	75
15	40	1 25
10	25	70
10	25	85
10	25	75
15	40	1 25
15	40	1 25
10	25	70
10	25	80
10	30	90
15	35	1 20
15	40	1 40
15	40	1 40
10	25	70
15	40	1 40
25		

VEGETABLE PLANTS—Grown at Floracraft

Our POTTED EGG PLANTS and POTTED EARLIANA TOMATO PLANTS have a great reputation. They are grown cool and stocky. If wanted in quantity, order early and at special prices.

CABBAGE PLANTS. Early. All leading varieties. For April and May delivery. Transplanted. 35c. per 100; \$2.50 per 1,000.

LATE CABBAGE PLANTS. Standard varieties. Ready July 1st. 25c. per 100; \$2.00 per 1,000.

CAULIFLOWER PLANTS. Early Alabaster and Snow Ball. Ready in April. Potted, 50c. per dozen; \$4.00 per 100. Transplanted, 25c. per dozen; \$1.50 per 100.

CELERY PLANTS. Ready July 1st. Perle le Grand, Winter Queen, Golden Self Blanching, White Plume, Pascal, etc. 40c. per 100; \$3.00 per 1,000.

LETTUCE PLANTS. Ready in April. Head and Curled Leaf varieties grown in flats. 20c. per dozen; 75c. per 100; \$5.00 per 1,000.

EGG PLANTS. Ready in May and June. Black Beauty, New Jersey Improved Large Purple Smooth Stem. Grown in pots, 50c. per dozen; \$4.00 per 100. Out of hot beds, 30c. per dozen; \$2.00 per 100.

PEPPER PLANTS. Ready in May and June. Large Bell, Ruby King. 20c. per dozen; \$1.25 per 100.

SWEET POTATO PLANTS. Vineland Bush. 75c. per 100; \$5.00 per 1,000. Carolina, Uprivers and Nansmond. 40c. per 100; \$2.50 per 1,000.

TOMATO PLANTS. Ready in May and June. We make a specialty of Tomato Plants, and can supply all the leading varieties. Potted Earliana, 50c. per dozen; \$4.00 per 100; \$30.00 per 1,000. Transplanted, 20c. per dozen; \$1.00 per 100; \$7.00 per 1,000. Not transplanted, \$5.00 per 1,000.



MISS COOK, OF JOHNSTOWN, N. Y., THINKS SPARKS' EARLIANA TOMATO IS JUST RIGHT. See Novelties, page 12.

LIVINGSTON'S GLOBE TOMATO

New globe-shaped sort. See Novelties, page 11.



QUICKSURE—THE BEST SECOND EARLY TOMATO.

THE QUICKSURE TOMATO

With the advent of the Santa Rosa Tomato this year, we claim to have introduced the three most valuable tomatoes in cultivation. With the Sparks' Earliana for first early, Quicksure for second early and Santa Rosa (described on page 11) for main crop, no grower need be without a succession of magnificent tomatoes throughout the entire season. The Quicksure, which we first introduced in 1900, was originated by Mr. Howard Russ, a well-known trucker of Burlington County, N. J. Color bright red; very solid, heavy and wonderfully prolific of very large, fine fruit. Pkt., 10c; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

QUARTER CENTURY TOMATO

Originated by Dr. Van Fleet, horticultural editor of the *Rural New Yorker*. It might be called an Improved Dwarf Aristocrat, its erect bushy vines and fine red fruits closely resembling that variety. It is very early and has proven a valuable acquisition. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

THE MATCHLESS TOMATO

A great favorite for both market and family use. Produces uniformly large, bright red fruit throughout the season. Flesh very solid and heavy, free from core, and will keep in good condition for a week to 10 days after being taken from the vine. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

TOMATO SEED FROM SELECTED FRUIT

If Johnson & Stokes can claim any special reputation for one vegetable over another, it is on their tomato seed. For years we have been leaders in putting out varieties that have been great improvements over anything that has been previously offered.

The Atlantic Prize, first introduced by us in 1889, has been, up until the introduction of Sparks' Earliana, the standard very early tomato for market gardeners from Maine to Texas.

In the Great B. B. (Brinton's Best) we introduced one of the very finest standard and canning crops, but not until the advent of the Sparks' Earliana did our reputation for new varieties in tomatoes reach its climax. Every trucker and almost every seedsman in the land will admit that in Sparks' Earliana we have one of the greatest and most successful vegetable novelties that has ever been introduced.

One ounce will produce about 1,300 plants.

CHALK'S EARLY JEWEL TOMATO

A good second early sort. On our trial grounds it was two weeks later than Sparks' Earliana and not as productive, but of good size and quality. Recommended for a second early sort. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.35; lb., \$5.00.

ATLANTIC PRIZE TOMATO

First introduced by us in 1889. Thousands of acres are now annually planted from Maine to Texas. The vines grow strong, stiff and very rapidly, setting the crown fruit when very young. Each vine produces from sixty to eighty large, perfect tomatoes. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

NEW STONE TOMATO

This is deservedly the most popular main crop tomato for market and canning, owing to its large size and great solidity. When grown from properly selected seed the fruits are very uniform, smooth and of handsome bright scarlet color. Flesh meaty and fine in flavor. Our strain is unsurpassed. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75, postpaid; by express or freight, lb., \$1.65; 5 lbs. and over, \$1.60 per lb.

THE SUCCESS TOMATO

A new scarlet-fruited tomato, somewhat resembling our Great B. B., or Brinton's Best. It is of very large size, handsome, smooth and of very fine quality. Fruit sets in clusters and ripens second early. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

LIVINGSTON'S MAGNUS TOMATO

An improvement on the old Acme and Beauty, which it resembles in color, being thicker, heavier and more solid than either. Fruit in clusters, ripening evenly and maturing quickly. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

TRUCKERS' FAVORITE TOMATO

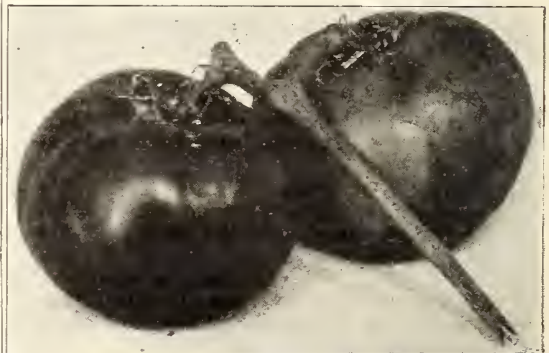
A very large purple tomato, of superior quality; very solid and free from cracks or rot. Very popular in Northern New Jersey. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

THE ENORMOUS TOMATO

Fruits uniformly large, four to five inches across and very deep through. Borne two and three in a cluster; smooth, solid and brilliant scarlet. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

THE GREAT B. B. (BRINTON'S BEST)

This is one of the very best for second early and main crop. The vines grow vigorously and produce abundantly until killed by frost. Fruit of deep red color, uniformly even, large size and perfectly smooth. *It will keep in good marketable condition for two weeks after picking.* Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.



THE GREAT B. B. (BRINTON'S BEST) TOMATO.



SPARKS' EARLIANA TOMATO, AS GROWN BY MR. S. E. FRISBIE.

Mr. S. E. Frisbie, "Gardenside," Conn., who sends us the above photographs of **Sparks' Earliana** Tomato, says of it, March 4, 1904: "Tomatoes are one of my special crops, and I have the name of sending the finest fruits as well as the earliest into the Bridgeport market, and the **Sparks' Earliana** is my main tomato. I set thousands of plants. For three years I have picked ripe fruit before June has gone by, and have been on the market with my whole crop before any drop from a glut. I am keeping posted on other varieties, having grown Nolte, Chalk's Jewel, etc., but the Earliana gets there first and is the best tomato." We have a small quantity of seed saved for us by Mr. Frisbie from the above selected stock, at \$1.00 per oz., while it lasts. Price of Johnson & Stokes' seed, pkt., 10c.; ½ oz., 35c.; oz., 60c.; ¼ lb., \$1.75; lb., \$5.50.

Select List of Standard TOMATOES—SEED OF OUR OWN GROWING

Deduct 10c. per lb. from these prices if ordered sent by express or freight.
In regular size large packets, each, **5c. per packet**, except where noted.

By Mail, Postpaid.

	Per oz.	¼ lb.	Per lb.
Extra Early Advance. One of the earliest; small, smooth, bright red and solid . . .	\$0 15	\$0 45	\$1 50
Early Paragon. Bright red; productive; standard for market and canning . . .	20	50	1 75
Early Michigan, or Red Apple. Very early; medium size; red, smooth . . .	15	45	1 50
Livingston's Perfection. Early; large size; very productive; fine blood red . .	20	50	1 75
Livingston's Favorite. Large, smooth, productive; a good shipper and canner .	20	50	1 75
Livingston's Beauty. Large, smooth, purplish pink; thick flesh; regular form .	20	60	2 00
New Stone. Very large; perfectly smooth; bright scarlet; solid; best for canning, and most popular of all as a main crop tomato for market; extra fine strain . .	20	50	1 75
French Marvel. Extra early; of good size; round, bright scarlet; pkt., 10c. . .	25	75	
Early Acme. Bright pink; smooth, round, uniform size; productive and popular .	20	50	1 75
New Imperial. First early, large, smooth, solid; pinkish purple when ripe; pkt., 10c. .	25	70	2 25
Buckeye State. Very large, solid, meaty; deep purple; heavy cropper; pkt., 10c. .	25	70	2 25
Livingston's Royal Red. Skin and flesh intense bright red; fine for main crop .	20	50	1 75
Lorrlard. Best for greenhouse forcing; bright glossy red; very smooth and solid .	20	60	2 00
Liberty Bell. Extra early; large size; red; fine quality; splendid for market . .	15	45	1 50
Dwarf Aristocrat. Erect, strong vine; large red fruits of finest quality; pkt., 10c. .	25	75	2 75
Brandywine. Finest late; large, solid, smooth, bright red; prolific; pkt., 10c. .	25	75	2 75
Ponderosa. The largest variety in cultivation; a monster; pkt., 10c.	40	1 00	3 75
Crimson Cushion. An improvement on Ponderosa; more solid; pkt., 10c. . . .	40	1 00	3 75
Ignotum. One of the earliest of large, deep red, smooth varieties; productive . .	20	50	1 75
Dwarf Champion. Early; fruit resembles Acme; foliage upright; pkt., 10c. . . .	25	75	2 75
Early Market Champion. Very early; large; purple; productive; pkt., 10c. . .	25	75	2 50
The Moneymaker. First early; purple; of handsome form; fine quality; pkt., 10c. .	30	85	3 00
Autocrat. An improved Acme; larger, much more productive; pkt., 10c.	25	75	2 50
New Fortune. Second early; large red fruit of superior quality; pkt., 10c. . . .	40	1 00	
Cumberland Red. Very large; tough skin; popular with canners; pkt., 10c. . . .	30	75	2 75
Trophy. Very solid; large; late sort; improved smooth strain; pkt., 10c.	25	70	2 25
Golden Queen. The best large, smooth, yellow tomato; finest quality; pkt., 10c. .	25	75	2 50
Yellow Plum. Plum shape; bright yellow; used for pickles; pkt., 10c.	25	75	2 50
Clusterosa Yellow Egg. A great improvement on all other small yellow tomatoes. The best for preserving or pickling; wonderfully productive; pkt., 10c.	50	1 50	
Peach. Resembling peaches in shape and color; for preserves and pickles	15	45	
Red Cherry. An inch in diameter; borne in clusters; for pickles; pkt., 10c. . . .	25	75	
Strawberry, or Winter Cherry. (Husk Tomato.) Small, yellow fruit; pkt., 10c. .	25	75	



NEW MAMMOTH PURPLE-TOP GLOBE TURNIP.



MYER'S PURPLE-TOP BEAUTY RUTA-BAGA.

TURNIPS AND RUTA-BAGAS, OR SWEDES

One ounce will sow one hundred and fifty feet of drill; one to one and one-half pounds will sow an acre.

Deduct 10c. per lb. from these prices if ordered sent by express; 15c. per lb. may be deducted for 5-lb. lots, by express. **Large packets of any variety, 5c.**

	Postpaid, by Mail.		
	Per oz.	¼ lb.	Per lb.
Early Snowball. Very handsome; extra early, pure white, tender and sweet . . .	\$0 05	\$0 15	\$0 45
Purple-Top Flat. (Strap-leaved.) Well-known standard popular early sort . . .	5	15	45
Early White Flat Dutch. Very popular for spring sowing; fine for market . . .	10	20	50
Early Red-Top White Globe. Early, productive and popular for market . . .	10	20	50
Mammoth Purple-Top Globe. An improvement on Red-Top White Globe, . . .	10	20	65
Purple-Top Milan. (True.) The earliest flat turnip; a very shy seeder	10	25	85
Extra Early White Milan. Same as the Purple-Top Milan, except white skin . . .	10	25	85
Early White Egg. Very handsome; pure white; excellent for early or late . . .	10	20	60
Improved Sweet German. Flesh white, hard and firm; sow early	10	20	60
Pomeranean Large White Globe. Useful for both table and stock; very large, . . .	5	15	45
Long Cow Horn, or White French. Very heavy cropper; best for stockmen . . .	10	20	50
Golden Ball, or Orange Jelly. Small; very early; fine quality and flavor . . .	10	20	50
Yellow, or Amber Globe. Vigorous grower; fine keeper; popular for market, . . .	10	20	50
Yellow Aberdeen, Globe-Shaped. Very large; fine for table or cattle	10	20	50
Budlong, or Breadstone. Very early half-long white; fine table sort	10	25	75
Rhode Island White Rock. (New.) Early, productive and very handsome . . .	10	25	75
Monarch, or Elephant Ruta-Baga. (New.) Large, oval-shaped; yellow flesh . .	10	20	50
Long Island Ruta-Baga, Purple Top. Very large; fine yellow flesh	10	20	50
Myer's Purple-Top Beauty Ruta-Baga. An improved market garden sort, . . .	10	25	75
Improved Purple-Top Yellow Ruta-Baga. Our finely bred strain; very popular, . .	10	20	50
Large White Ruta-Baga. Very large and productive; white skin and flesh . . .	10	20	50
Seven Top. Very hardy; grown for leaves, which are used as greens or salads .	10	20	50

SEEDS OF POT, SWEET AND MEDICINAL HERBS, ETC.

All Herbs in Large Packets at 5 cents each, except where noted

	per oz.	¼ lb.	lb.		per oz.	¼ lb.	lb.
Anise. Seeds aromatic . . .	\$0 10	\$0 25	\$0 90	American Sweet Marjoram. Superior to imported; seed of own growing. Pkt., 10c.,	\$0 30	\$0 85	\$3 00
Balm. For culinary purposes, . . .	20	65	2 25	Imported Sweet Marjoram, . . .	15	40	1 25
Borage. Used for flavoring, . . .	15	40	1 25	Rosemary. For seasoning and aromatic oil. Pkt., 10c.,	30	85	3 00
Sweet Basil (Broad-Leaved), . . .	15	45	1 50	Rue. Has medicinal qualities, . . .	20	50	1 75
Caraway Seed. For flavoring, . . .	10	25	75	Saffron. Medicine and dyeing, . . .	10	30	90
Catnip (Cat Mint). Pkt., 10c., . . .	35	1 00		Sage. Most used of all herbs, . . .	20	45	1 50
Chervil. Used like parsley, . . .	10	25	75	Sorrel. (Large-Leaved.) Cultivated for acidity	10	30	1 00
Coriander. Seeds aromatic, . . .	10	20	60	Summer Savory. Culinary, . . .	10	30	1 00
Dill. For flavoring vinegar . . .	10	20	60	Winter Savory. Flavoring, . . .	20	50	1 75
Fennel (Sweet)	10	25	75	Tansy. For bitters. Pkt., 10c., . . .	35	1 00	3 50
Fennel (Florence Celery-Rooted). Flavor like celery, . . .	20	50	1 75	Thyme. Broad-leaved. 10c., . . .	25	75	2 50
Horehound. Pkt., 10c.	25	75	2 50	Wormwood. For Poultry . . .	15	40	1 40
Hyssop. Medicinal. Pkt., 10c., . . .	25	75	2 50				
Lavender. For oil and water, . . .	20	50	1 60				
Marigold, Pot. For soups . . .	15	45	1 50				

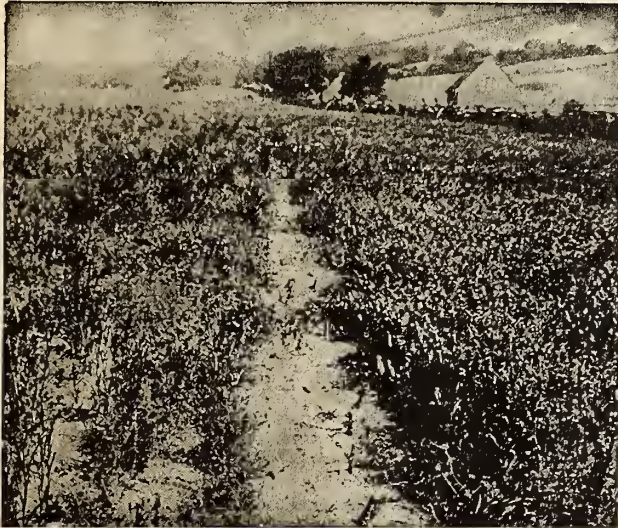
NITRO-CULTURE

This new method of fertilizing soils is endorsed by the U. S. DEPARTMENT OF AGRICULTURE, as follows:

THE U. S. DEPARTMENT OF AGRICULTURE SAYS:

"It is worse than useless to attempt to grow any leguminous crop without being certain of the presence of the bacteria which enable the plants to fix free nitrogen. Certain regions are practically devoid of the right kind of bacteria, and unless some artificial means of inoculating the germs be resorted to, the crop will be a failure."

IMMENSE CROPS WITHOUT FERTILIZERS



AN EXPERIMENT WITH VETCH ON BARREN GROUND. AT THE LEFT THE SEED WAS NOT TREATED; ON THE RIGHT IT WAS INOCULATED BEFORE PLANTING.
[From Year Book of Department of Agriculture.]

A new, sure and easy way has recently been discovered to make worn-out or poor land **enormously productive** without fertilizers and **almost** without expense. Plants need nitrogen—can't grow without it. Heretofore fertilizers have been needed to **put nitrogen into** the soil. Nitrogen is very necessary—is the most expensive part of fertilizers. The **new way is easier, surer and cheaper**—it is to **let nitrogen-gathering germs feed the plants.**

The soil is full of air. Air is four-fifths free nitrogen. Think what limitless plant food, in the form of **free nitrogen**, the air contains. Right here the new discovery comes in. Plants can't extract nitrogen from the air, but there



Specimen plants characteristic of uninoculated and inoculated field of Alfalfa, on farm near Bynum, Harford Co., Maryland, the uninoculated plants turning yellow, though sown on ground richer and better than the inoculated field. Gain from inoculation with Nitro-Culture, nearly 500 per cent. by weight.

are germs that can. These germs have been discovered and are now being used for that purpose.

These germs, when put into the soil, fasten themselves to the roots of the plants, draw the free nitrogen out of the air, and feed it to the plants.

The **new way** saves the cost of fertilizers and is very easy to use. The germs come ready for use, in a form called **Nitro-Culture**. Nitro-Culture is put up in small dry packages you can put in your vest pocket. Simply add it to water, and sprinkle the water over the seeds before planting. The germs remain on every seed—live with it—**increase** about it—**feed** the roots when they start and keep on feeding them. They also **enrich** the soil by **storing** nitrogen in it, so that the second year's crop, whatever it may be, is increased from two to ten times.

PRICE-LIST

Nitro-Culture, sufficient to inoculate the following seeds, per acre, mailed to any address in the United States or Canada at the following prices:

Alfalfa per acre, \$2 00	Soy Beans per acre, \$2 00
Red Clover " 2 00	String Beans " 2 00
Crimson Clover " 2 00	Vetch " 2 00
Cow Peas " 2 00	Velvet Beans " 2 00
Garden Peas ½ acre, 1 00	Peanuts " 2 00
Sweet Peas ½ acre, 1 00	Horse Beans " 2 00
Wax Beans per acre, 2 00	Lima Beans " 2 00

Guaranteed to keep six months from date of shipment, and can be used within that time.

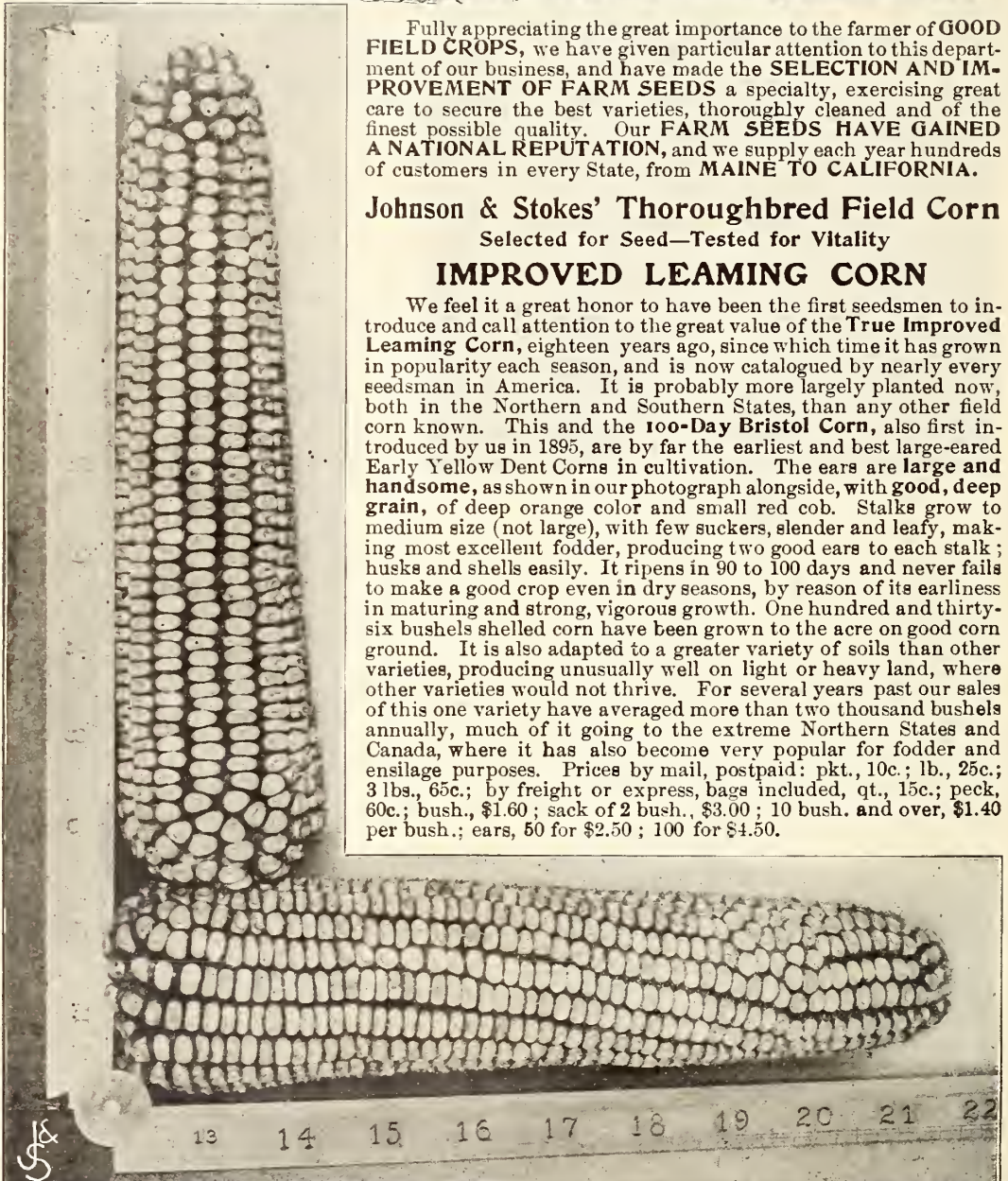


Fully appreciating the great importance to the farmer of **GOOD FIELD CROPS**, we have given particular attention to this department of our business, and have made the **SELECTION AND IMPROVEMENT OF FARM SEEDS** a specialty, exercising great care to secure the best varieties, thoroughly cleaned and of the finest possible quality. Our **FARM SEEDS HAVE GAINED A NATIONAL REPUTATION**, and we supply each year hundreds of customers in every State, from **MAINE TO CALIFORNIA**.

Johnson & Stokes' Thoroughbred Field Corn Selected for Seed—Tested for Vitality

IMPROVED LEAMING CORN

We feel it a great honor to have been the first seedsmen to introduce and call attention to the great value of the **True Improved Leaming Corn**, eighteen years ago, since which time it has grown in popularity each season, and is now catalogued by nearly every seedsman in America. It is probably more largely planted now, both in the Northern and Southern States, than any other field corn known. This and the **100-Day Bristol Corn**, also first introduced by us in 1895, are by far the earliest and best large-eared Early Yellow Dent Corns in cultivation. The ears are **large and handsome**, as shown in our photograph alongside, with **good, deep grain**, of deep orange color and small red cob. Stalks grow to medium size (not large), with few suckers, slender and leafy, making most excellent fodder, producing two good ears to each stalk; husks and shells easily. It ripens in 90 to 100 days and never fails to make a good crop even in dry seasons, by reason of its earliness in maturing and strong, vigorous growth. One hundred and thirty-six bushels shelled corn have been grown to the acre on good corn ground. It is also adapted to a greater variety of soils than other varieties, producing unusually well on light or heavy land, where other varieties would not thrive. For several years past our sales of this one variety have averaged more than two thousand bushels annually, much of it going to the extreme Northern States and Canada, where it has also become very popular for fodder and ensilage purposes. Prices by mail, postpaid: pkt., 10c.; lb., 25c.; 3 lbs., 65c.; by freight or express, bags included, qt., 15c.; peck, 60c.; bush., \$1.60; sack of 2 bush., \$3.00; 10 bush. and over, \$1.40 per bush.; ears, 50 for \$2.50; 100 for \$4.50.



Average ears of **IMPROVED LEAMING**, photographed alongside an ordinary two-foot rule to show exact measurements.

Austin's Colossal Yellow Dent

AN ENTIRELY NEW AND REMARKABLE FIELD CORN. A Perfect wonder in large size of ears, uniformly over a foot in length

The Highest Average Yields

This new corn excited the admiration and wonder of thousands of farmers who visited the Agricultural Building at the Pan-American Exposition at Buffalo, in 1901. Of the hundreds of varieties there exhibited, from almost every State in the Union, it carried off the honors, and we feel justly proud in being the first seedsmen to procure the seed from its experienced originator, Mr. H. W. Austin, and offered it for sale to our customers two years ago. The yield on the farm of the originator the past season was at the rate of 120 bushels to the acre, and in the most unfavorable seasons it has never given less than 100 bushels to the acre of its magnificent ears, borne 2 to a stalk, ripening in 110 to 120 days from planting; grain deep, rich yellow, very heavy, and will sell for the highest prices on any market in the land; stalks medium, not too large, and produce enormously on both light and heavy land. Prices for 1905: lb., 40c.; 3 lbs., \$1.00, by mail, postpaid; by freight or express, sacks included, peck, 65c.; bush., \$2.00; bag of 2 bush. for \$3.75. On ear, 25 ears for \$1.75; 50 ears for \$3.00; 100 ears for \$5.00.

WHAT CUSTOMERS SAY OF IT

We have received hundreds of just such letters as those published below from those who planted it.

86 BUSHELS FROM ½ PECK

FLETCHER M. MCKENNEY, Perysylvle, Pa., Nov. 2, 1903, writes: "I cannot help writing you about the Austin's Colossal Yellow Dent Corn. We have just finished husking and have 86 bushels from the half peck sown."

SURELY A WORLD BEATER

GEORGE MUMMERT, Goshen, Ind., Sept. 16, 1903, writes: "Austin's Colossal Yellow Dent Corn from your seed is surely a world beater. The ears are from 13 to 16 inches long and filled to the tips."

500 BUSHELS ON 4 ACRES

I. M. TOLANEY, Little Falls, W. Va., Sept. 30, writes: "Your new Austin's Dent Corn is the largest and best corn I ever saw. Many ears measure over 15 inches in length. I have four acres that will surely make 500 bushels."

AN EAR 19 INCHES LONG

JOHN C. FOHLIGER, Cincinnati, O., Oct. 12, writes: "All who have seen my crop of Austin's Colossal Corn are astonished and loud in its praise. I shall send you a photo of an ear that is 19 inches long. It is a most wonderful corn."

EARS OVER 10½ INCHES IN CIRCUM-FERENCE

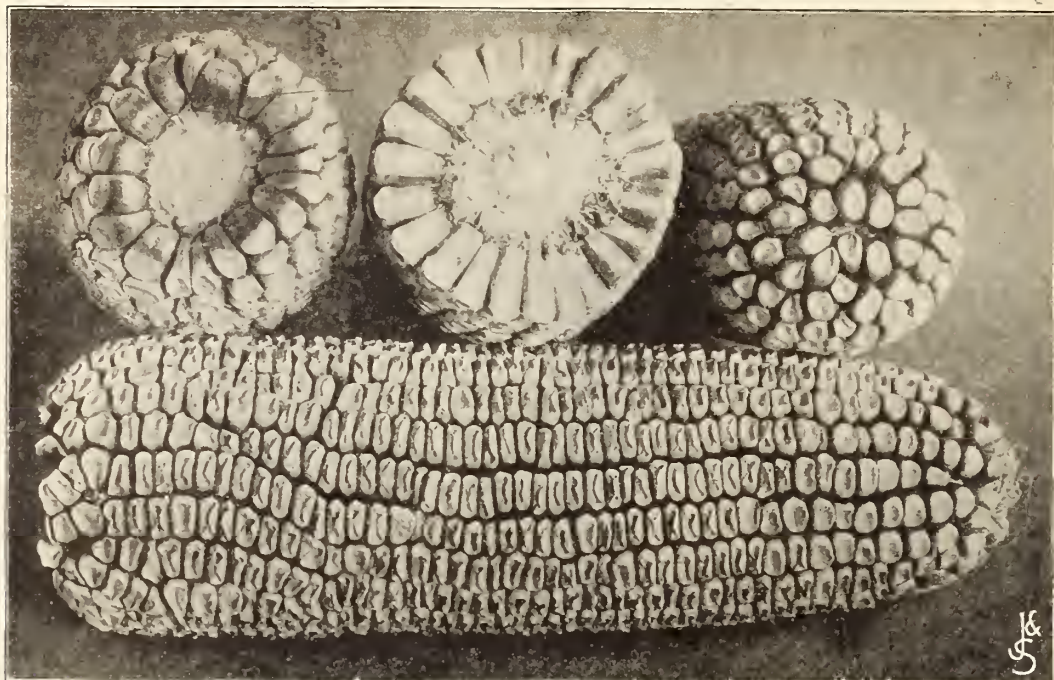
HOMER HAM, Chambersburg, Ill., Oct. 14, writes: "The Austin's Colossal Yellow Dent Corn has made me over 85 bushels to the acre, and would go more than 100 bushels if storm had not hit it so bad. It is by far the largest corn I ever saw, some of the ears being over 10½ inches around."

YIELDS MORE THAN DOUBLE.

A. J. MCHESNEX, Andrew, Ia., Oct. 18, writes: "I am more than pleased with your Austin's Colossal Yellow Dent Corn. It is a wonderful grower, yielding more than double any other corn grown here."



Photograph of average ears AUSTIN'S COLOSSAL YELLOW DENT; absolutely the largest and most productive field corn in cultivation. Our seed selected and grown by the originator.



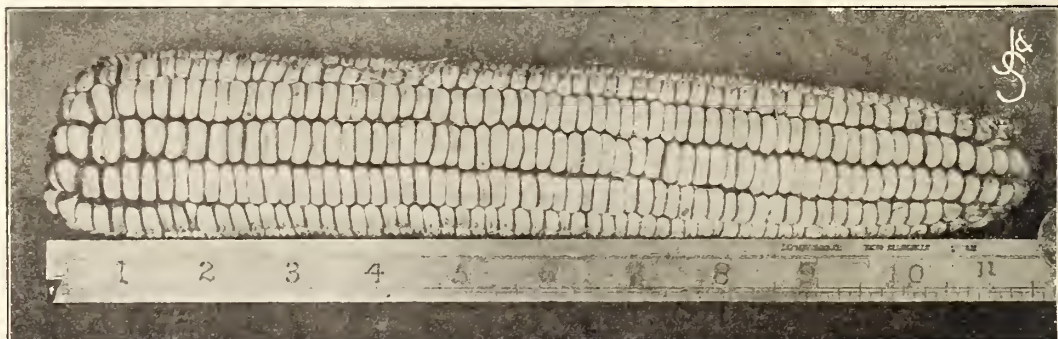
Photograph of JOHNSON & STOKES' GIANT BEAUTY CORN. Showing also section and ends of ear.

JOHNSON & STOKES' NEW GIANT BEAUTY CORN

In the new **Giant Beauty** we have a very valuable and long-sought-for variety, viz.: A very large ear and grain, yet a very early Yellow Dent Corn. **Giant Beauty** is a cross between Cloud's Early Den and Golden Beauty, possessing the **earliness** and **deep grain** of the former, with the **handsome, deep yellow color** and breadth of grain of the latter. It is absolutely the **largest grained of all yellow corn**. Its small red cob and great depth of grain are well shown in our photograph above, made from average ears. Its rich, deep golden color and fine quality of grain make it very superior for grinding into meal, and indicate its strong, nutritive qualities. It is a very vigorous grower, taking strong hold in the ground and averaging eight feet in height, producing two large ears, well filled to the extreme ends of the cob. The **most perfect type** of Yellow Field Corn ever introduced. Pkt., 10c.; ear, 25c.; lb., 30c.; 3 lbs., 75c., postpaid, by mail; by express or freight, sacks included, peck, 75c.; bush., \$2.25; sack of 2 bush., \$4.25; 10 bush. and over, \$2.00 per bush.; 50 ears, \$3.00; 100 ears for \$5.00.

THE 100-DAY BRISTOL FIELD CORN

When we first saw this corn growing in the field, with its **enormous stalks and fodder**, twice the height of an ordinary-sized man, and its magnificent ears, averaging nearly a foot in length, as shown in photograph below, we were inclined to doubt its earliness. But after growing it ourselves and on the farms of hundreds of our customers, the past four seasons, we have found it cut and shocked ready for husking in ninety-five to one hundred days from the time the seed was planted. The grain is a light yellow; the cob is small considering the size of the ear. It will produce as much fodder and more corn than the famous Chester County Mammoth and other late varieties, which require three to four weeks longer to ripen. In fact, it is a **perfect field corn in all respects**. Prices, pkt., 10c.; ear, 25c.; lb., 30c.; 3 lbs., 75c., postpaid, by mail; by express or freight, shelled, peck, 75c.; bush., \$2.25; sack of 2 bush., \$4.25; 10 bush. and over, \$2.00 per bush.; 50 ears, \$3.00; 100 ears, \$5.00, sacks included.



An average ear of 100-DAY BRISTOL CORN, photographed alongside rule to show exact dimensions.

Seed Corn—Standard Varieties

Prices of the following eight varieties, each, per pkt., 10c.; lb., 25c.; 3 lbs. for 65c., postpaid, by mail. By express or freight, quart, 15c.; peck, 60c.; bushel, \$1.60; sack of two bushels, \$3.00; ten bushels or more at \$1.45 per bushel. Sacks included.

IMPROVED SNOW-WHITE DENT. The earliest, most prolific and best white corn in cultivation. The stalk grows so remarkably quick that it is seldom caught by drought. Ears large and ripen in 103 to 115 days.

PERFECTED GOLDEN BEAUTY. A large, broad-grained yellow corn, maturing in 110 days from planting.

LEGAL TENDER YELLOW DENT. Originated in Iowa. Very productive, ear large, with deep yellow grain on a small cob, stalk 9 to 10 feet, and matures in 110 to 115 days.

DELAWARE COUNTY DENT. Very productive; ears large, grain bright yellow and of great depth, maturing in 110 to 120 days from time of planting.

FARMERS' FAVORITE GOLDEN DENT. Early, with large ears, productive and adapted to thin soil.

CHESTER COUNTY MAMMOTH. Grain large, deep and bright yellow; stalk large, averaging 12 feet.

EARLY YELLOW CANADA FLINT. Well adapted to the North and for late replanting.

HICKORY KING. The largest-grained and smallest-cobbed pure White Dent Corn in cultivation.

Ensilage and Fodder Corn

RED-COB ENSILAGE. This new and superior ensilage corn we can recommend as the heaviest cropping variety, producing 60 to 75 tons per acre. It is a pure White Dent Corn, growing on a red cob. The fodder is sweet, tender, juicy, grows 13 to 14 feet in height. Peck, 50c.; bush., \$1.35; 10 bush. and over, \$1.25 per bush., sacks included.

BLUNT'S PROLIFIC ENSILAGE. Also called Mammoth Ensilage. Has produced 70 tons of fodder to the acre, and is one of the most popular. Peck, 60c.; bush., \$1.60; sack of 2 bush., \$3.00; 10 bush. and over, \$1.45 per bush.

SOUTHERN HORSE TOOTH. Adapted for ensilage. Peck, 50c.; bush., \$1.25; 10 bush. and over, \$1.15 per bush.

SUGAR CORN FOR GREEN FODDER. Profitable for milch cows. Bush., \$3.50; 5 bush. and over, \$3.25 per bush.

SPRING RYE

Distinct from the winter rye, grain of finer quality and more productive; can be successfully grown in any latitude, and is now being largely sown in the Middle States in place of oats, being a much more profitable crop, on account of the production of nearly four times the straw, and also as a "catch" crop where winter grain has failed. The straw is equally as valuable as that of the fall or winter rye, standing stiff, 7 to 8 feet high. Produces 30 to 40 bushels of grain per acre. As it does not stool like winter rye, not less than two bushels to the acre should be sown. Pkt., 10c.; lb., 35c.; 3 lbs., \$1.00, post paid; peck, 50c.; bush., \$1.40; 2 bush., \$2.75; 5 bush. and over, \$1.35 per bush., bags included.

BUCKWHEAT FOR SEED

NEW JAPANESE. The kernels are nearly twice the size of any other, of a rich dark brown color, and manufacture a superior flour. It has rapidly displaced all others, and is now more largely planted than any other, being about two weeks earlier. Pkt., 10c.; lb., 25c.; 3 lbs., 60c., postpaid; qt., 15c.; peck, 40c.; bush., \$1.20; 5 bush. and over, \$1.15 per bush., sacks included.

SILVER HULL. Qt., 15c.; peck, 40c.; bush., \$1.25.



HEADS OF SPELTZ, OR EMMER.

Speltz, or Emmer (*Triticum Spelta*)

This grain has been grown for centuries in Russia, near the Caspian Sea. It was recently brought to this country by an emigrant, and has already attracted very wide attention on account of its successful cultivation in the Northwestern States. The grain is intermediate between wheat and barley, and is readily eaten by all kinds of stock. It is adapted for milling, as well as for feeding, making a grade of flour similar to rye. The straw resembles wheat straw. It grows large crops—40 to 80 bushels per acre—on poor lands, stony ground and open prairies, and will give double the crop of oats or barley. It resists drought successfully, and is adapted to droughty sections and Northern latitudes. Drill at rate of 3 bushels per acre. Pkt., 5c.; lb., 30c.; 3 lbs., 75c., postpaid; by freight or express, qt., 15c.; peck, 60c.; bush., \$1.50.

Spring Wheat

SASKATCHEWAN FIFE. This wheat is pronounced by the great milling kings of the Northwest the best. Fifty bushels to the acre is not an uncommon yield. Pkt., 10c.; lb., 35c.; 3 lbs., \$1.00, postpaid; by express or freight, peck, 65c.; bush., \$2.00; 5 bush. and over, \$1.75 per bush., bags included.

Seed Barley

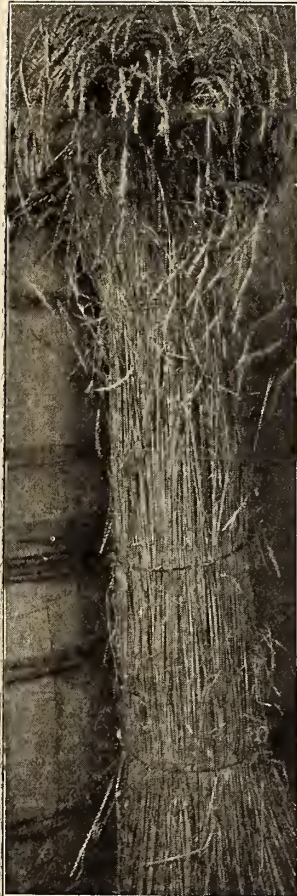
NEW MANSHURY. Earliest and most productive. Qt., 15c.; peck, 50c.; bush., \$1.40.
SPRING BARLEY. Most popular in the North. Qt., 15c.; peck, 50c.; bush., 48 lbs., \$1.35.

Tobacco Seed

CONNECTICUT SEED LEAF. Saved from selected plants. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.
HAVANA. Genuine imported seed, direct from Cuba. Pkt., 10c.; oz., 35c.; ½ lb., \$1.00; lb., \$3.75.
SUMATRA, STERLING, GENERAL GRANT, PENNSYLVANIA AND LANGASTER BROAD LEAF, each, pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Fruit Tree Seeds

Peach Pits. Pure Tennessee, natural, lb., 20c., postpaid; bush., \$2.75. **Apple Seed,** lb., 40c.; bush., \$3.50. **Apricot Pits,** oz., 10c.; lb., 50c. **Plum Pits,** oz., 10c.; lb., 50c. **Pear Seeds,** French, oz., 20c.; lb., \$2.00. **Quince Seed,** oz., 20c.; lb., \$1.75. **Mulberry Seed,** oz., 30c.; lb., \$3.00. **Osage Orange.** For hedges. Lb., 45c.; bush., \$3.00.



SPRING RYE, SHOWING HEIGHT AND PRODUCTIVENESS OF STRAW.



Field of GOLDEN FLEECE OATS, showing its tall, strong growth.

GOLDEN FLEECE OATS

This splendid new oats is one of the best varieties ever developed. It was first introduced by us in 1901, and hundreds of our customers have written us of its merits. It is, without doubt, one of the heaviest cropping, handsomest oats ever introduced. The grains are white, plump and handsome. The straw is very strong and stands up well. The blade is double the size of ordinary oats, which attests the vigor and productive capacity of the strain.

It is also remarkable for its great stooling capacity. One of our customers, C. E. Bradley, of Patton, Mo., writes: "I never saw anything like the Golden Fleece Oats. I counted 17 different shoots with full heads of grain from one seed sown, and 4 bushels sown harvested over 200 bushels of oats." On account of its heavy stooling property, 6 pecks (1½ bushels) is sufficient to seed an acre.

Price: per lb., 25c.; 3 lbs., 65c., by mail, postpaid; by freight or express, peck, 40c.; legal bush. (32 lbs.), \$1.50; sack of 3 legal bush. (96 lbs.), \$4.00; 10 bush. and over, \$1.25 per bush., sacks included.

VIRGINIA WINTER TURF OATS

For a number of years we have been selling large quantities of this fine oats for fall sowing, but we find upon inquiry that it is equally good if sown in the spring, and produces large yields of grain, the quality of which is excellent. The crop from spring-sown winter oats is the best for fall seeding, as there is no trouble with cheat or other impurities which are sometimes found in them. They will yield larger crops with better quality of grain than Spring Oats, and are becoming very popular. Being so very hardy, they can be put in earlier than would be safe to sow regular Spring Oats.

Price: per lb., 30c.; 3 lbs., 65c., by mail, postpaid; by freight or express, peck, 40c.; legal bush. (32 lbs.), \$1.20; 10 bush. and over, \$1.10 per bush.

Standard Varieties of Northern-Grown Seed Oats

Prices of each of the following: 30c. per lb., or 3 lbs., 65c., postpaid; by freight or express, peck, 40c.; per legal bush. (32 lbs.), \$1.20; 10 bush. and over, \$1.10 per bush., bags included.

White Maine, very early, handsome, wonderfully fine and productive.

Mortgage Lifter; **Danish Island**, originally from Denmark; very early and hardy.

Lincoln, early and rust-proof, with strong stiff straw.

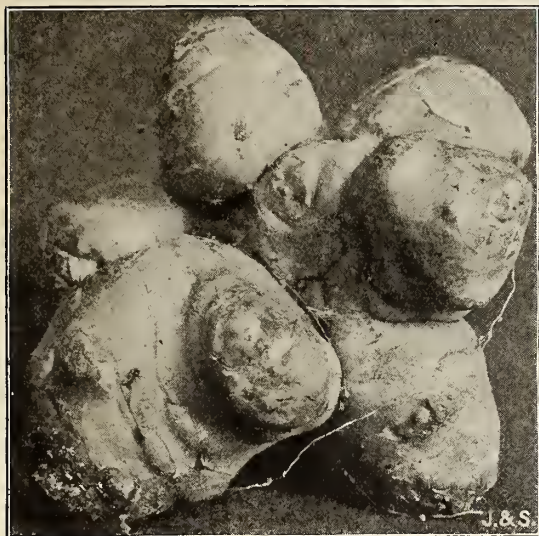
Welcome, **Clydesdale**, **White Russian**, **Virginia Winter Turf**, and other well-known and popular varieties of seed oats, choicest seed carefully re-cleaned, at above prices.

Where larger lots of Seed Grain than those quoted on this and other pages are wanted, please write us for special prices. No trouble for us to answer your letters and inquiries at any time.

Mammoth Russian Sunflower

THE GIANT OF ALL SUNFLOWERS

The best variety for the farmer. Growing to double the size of the common, and the yield of seed is twice as great. One hundred and twenty-five bushels to the acre have been grown at a less expense than corn. It is highly recommended for poultry; the best egg-producing food known; the leaves make splendid fodder, much relished by all kinds of stock. The seed is good feed for horses, and yields a fine quality of oil. The strong, thick stalks are used for fuel. Oz., 5c.; qt., 15c. (qt., postpaid, 25c.); peck, 60c.; bush., \$2.00; sack, 2 bush., \$3.75; 5 bush. and over, \$1.75 per bush.



JERUSALEM ARTICHOKE.

Jerusalem Artichoke Roots

This variety is not produced from seed. They are sometimes used as a table vegetable when pickled, but their greatest value is for feeding stock. They are the best hog food known. They are remarkable for their fattening properties, great productiveness (over one thousand bushels having been grown on one acre) and ease with which they can be grown. They need not be dug; the hogs should be turned in on them, and will help themselves by rooting. One acre will keep from twenty to thirty hogs in fine condition from October until April, except when the ground is frozen too hard for them to root. They are also said to be a preventive of cholera and other hog diseases, and they are also highly recommended for milch cows, increasing the yield of milk and at the same time improving their condition. Three bushels will seed an acre. They should be cut the same as potatoes, one eye to a cut being sufficient, planted in April or May, in rows three feet apart and two feet in the rows, and covered about two inches deep. They can be shipped at any time during the season, as they are not injured by freezing. Lb., 35c.; 3 lbs., \$1.00, postpaid; by freight or express, peck, \$1.00; bush., \$3.00; bbl. of 3 bush. (enough for one acre), \$7.50.

Chufas, or Earth Almond

(*Cyperus Esculentus*.)

A species of "grass nut" used to fatten hogs. They should not be confounded with the cocoa, or nut grass, for though it belongs to the same class, the Chufa is eradicated with great ease, and is never a pest. The nuts grow under ground, very near the surface, easily reached by pigs or poultry. Plant in April, ten to twelve inches apart in three-foot rows. Cover lightly. If the seed is very dry, soak well before planting, to secure a good stand. They mature early in September, and lie in the ground till wanted. One peck of seed to the acre. Pkt., 10c.; pint, 25c.; qt., 40c., postpaid; by express, qt., 25c.; peck, \$1.25; bush., \$4.50.

Long White Cow Horn Turnip

THE MOST POPULAR AND BEST FOR STOCKMEN

Has rapidly grown in favor for agricultural purposes. It is a fine keeper, heavy cropper; color pure white, except a little shade of green at the top, and is carrot-like in form, growing nearly half out of the ground, and generally slightly crooked. It is delicate and well flavored, of rapid growth and very nutritious. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c., postpaid; 5 lbs. and over, by express, 35c. per lb.



BRUSH OF WEBER'S IMPROVED EVERGREEN BROOM CORN.

Weber's Improved Evergreen

THE BEST BROOM CORN IN CULTIVATION

The high prices which have prevailed the past three years for broom corn brush indicate that the demand has overtaken the supply, and farmers, where possible, should add it to their crops. The most important question is the securing the best variety and good seed. Weber's Improved Evergreen is the best and purest in cultivation, originated and selected by Mr. Geo. Weber, one of the largest growers of Montgomery County Pa., who has for many years had the reputation of having the best in the State, having made his stock famous by selection and improvement for length, strength and straightness of brush. It is of a very bright green color without the slightest reddish tinge. It makes by far the best brooms of any corn grown, and commands the very highest prices. Customers who have grown this corn report yields of over 1,000 lbs. of brush to the acre. Height, 7 to 8 feet. Lb., 35c.; 3 lbs., 75c., postpaid; qt., 25c.; peck, 90c.; bush., \$3.00; sack of 2 bush. for \$5.50.

Evergreen Broom Corn

The old standard variety largely grown in many sections of the West, but is not equal to or as salable as the brush of the Weber's Improved. Qt., 20c.; peck, 75c.; bush., \$2.50.

Wild Rice (*Zizania Aquatica*)

A native plant, furnishing food for wild fowl, ducks, geese, etc., also valuable as a forage plant for swamps and inundated lands, as it grows rapidly, and all stock are fond of it when green or cured for fodder. It attracts all wild birds from September on, and also purifies the water and affords a refuge for the small fry from the large fish. To sow:—"Put the seed in coarse linen or cotton bags, and sink in water for 24 hours. Sow in water which is from 6 inches to 5 feet deep, in soft mud bottom, and in places where there are but few weeds. It is useless sowing this seed except on a mud bottom, or on low, marshy places which are covered with water the year round. In running water sow as much out of the current as possible." Lb., 35c.; 3 lbs., \$1.00, postpaid; by express, lb., 25c.; 10 lbs. and over, 20c. per lb.

FODDER AND SOILING PLANTS



Photograph of a field of SAND OR WINTER VETCH (*Vicia Villosa*) at our FLORACROFT TRIAL GARDENS. Photograph taken six weeks after sowing seed. Notice how thick it is on the ground, and that it is nearly knee high. It was plowed under eight weeks after sowing.

SAND OR WINTER VETCH

(*Vicia Villosa*)

Too much cannot be said regarding the value of this Vetch for forage and fertilizing purposes. It succeeds and produces good crops on poor, sandy soils as well as on good lands, growing to a height of 4 to 5 feet. It is perfectly hardy throughout the United States, remaining green all winter. If sown in the spring it can be sown alone or mixed with oats, spring rye or barley. If sown during August or September, winter rye serves as a good support. The root growth is very extensive from the beginning, and makes quantities of nitrogen tubercles, thus giving it very valuable fertilizing properties. For plowing under as a soiling crop, we believe it is superior to Crimson Clover or Cow Peas. As a forage plant it will yield $1\frac{1}{2}$ to 4 tons per acre. It is excellent for dairy stock and poultry pasturage, being exceedingly nutritious, eaten with relish and may be fed safely to all kinds of stock. Sow 50 to 60 pounds per acre with $\frac{1}{2}$ bushel rye, oats or barley.

Price, per lb., 35c.; 3 lbs., \$1.00, by mail, postpaid; by freight or express, lb., 25c.; 10 lbs., \$1.75; 100 lbs. and over, 10c. per lb.



TEOSINTE, showing its heavy, leafy growth.

TEOSINTE

(*Reana Luxurians*)

This gigantic Grammea will furnish a continuous daily supply of most nutritious green food for horses and all kinds of cattle all through the summer. It also makes splendid dry fodder, yielding enormously, and being more nutritious and better relished by all stock than corn fodder. In appearance it somewhat resembles Indian corn, but the leaves are much larger and broader, and the stalks contain sweeter sap. It stools out enormously a few days after being cut. Sow in May or June, at the rate of three pounds per acre, in drills 4 feet apart.

Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c., postpaid; by express or freight, lb., 70c.; 5 lbs. and over at 65c. per lb.

EARLY AMBER SUGAR CANE

The high value of Northern grown sugar cane for fodder and ensilage is becoming rapidly known. It may be used to furnish the principal food for cattle, horses and mules from August until the following spring. When fed down young as a pasture it grows rapidly again. It also withstands severe drought with the best of this class of plants. As a fodder and for winter feed it is one of the most economical.

The Early Amber is the best for fodder as well as for sugar, as it matures quickly, and has been cultivated as far North as St. Paul, Minn. The seed is valuable also as food for horses and cattle, and is greedily eaten by poultry, increasing the egg-production.

By mail, postpaid, lb., 25c.; 3 lbs., 60c.; by express or freight, qt., 20c.; peck, 70c.; bush. of 56 lbs., \$2.25; 5 bush. or over, \$2.00 per bush.

AUSTRALIAN SALT BUSH

Valuable for arid and alkali soils. It remains green all winter, and will yield 20 to 30 tons to the acre. One pound of seed will plant an acre. Sow broadcast, in soil well pulverized, after all danger of frost is past. Mix the seed with ten times its weight of loam, sand, ashes or plaster; cover lightly, not exceeding $\frac{1}{4}$ of an inch. Or it may be sown in a hot bed, cold frame or boxes; transplant when two inches high. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.20, postpaid.

SPRING VETCHES, or TARES

A species of very small pea, grown extensively in England and Canada for stock feeding. The seed is also largely used for pigeon feed. Culture same as for field peas. Lb., 25c., postpaid; qt., 20c.; peck, \$1.00; bush., \$3.50, by freight.

KAFFIR CORN—The Great Forage Plant

Will make a fine crop of forage if cut in early bloom, and the shoots that then follow will mature a full crop of seed and forage. Both grain and fodder are excellent, the whole stalk tender to the full maturity of seed. There is no failure about it, as it possesses the quality that all the tribe possess, of waiting for rain without any loss of capacity to yield. The grain is extremely valuable for feeding to poultry and will make a flour that is like wheat flour. Cultivated the same as our common Indian corn, requiring four to five pounds of seed per acre. By mail, pkt., 10c.; lb., 25c.; 3 lbs., 60c.; by freight or express, qt., 15c.; peck, 60c.; bush., 60 lbs., \$1.75.

RED AND WHITE MILLO MAIZE

These are popular varieties of sorghum, somewhat similar to the above, valuable for both forage and grain. Four pounds will plant an acre. Cultivation is same as for Kaffir Corn. Pkt., 10c.; lb., 25c.; 3 lbs., 60c., postpaid; by freight, qt., 15c.; peck, 65c.; bush., \$2.00.

PEAS For Fodder and Plowing Under

"Peas could be made to bring more nitrogen to the soils of this country every year than is now purchased annually by the farmers at a cost of millions of dollars."—U. S. Department of Agriculture.



FIELD OF SOUTHERN BLACK OR RAM'S HORN COW PEAS IN THE NORTH. SOWN JUNE 16th, PLOWED UNDER AUGUST 31st.

COW PEAS (The Great Soil Improver)

Make Poor Land Rich, Good Land More Productive, and Enrich the Soil

Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the cow pea is most popular, especially for medium or light soil. They should be sown in May or June, at the rate of 1½ bushels to the acre, and plowed under as soon as they have attained their full growth. This crop is very largely grown wherever known, and with the results attained from it, the wonder is that it is not grown even more extensively. There is no surer or cheaper means of improving poor soil than by sowing cow peas. In its capacity as a nitrogen gatherer its growth enables the farmer to dispense with the use of nitrogen or ammoniated fertilizers. Nitrogen or ammonia in commercial fertilizers is valued at 15 cents per pound. The cow pea, with possibly the exception of the **New Velvet Bean**, described alongside, has the greatest power of extracting this costly nitrogen or ammonia from the atmosphere.

COW PEAS FOR HAY

If planted early, say by middle of May, in the central corn belt section, a crop can be cut and cured for hay the same as clover, then the stubble in a short time will put out a new growth to be turned under in the fall as a fertilizer.

The best varieties for all purposes are the following:

PRICES variable with the market.	PER BUSH.
SOUTHERN BLACK EYE COW PEA	\$2.25
EXTRA EARLY BLACK EYE COW PEA	2.75
BLACK, or RAM'S HORN COW PEA	2.00
WHIP-POOR-WILL and CLAY, EACH	2.25
PRICES by LETTER ON LARGER LOTS.	

CANADA FIELD PEAS and Oats for Fodder

For Dairy Cows and Hogs, Equal to Corn, and Six Weeks Earlier.

These make a fodder and hay which double the production of milk. The Canada Field Pea, which we sell at \$1.75 per bushel, is the best for this purpose. They should be sown in March or early April, two bushels of peas and two bushels of oats to the acre. The peas should be sown first and plowed under about four inches deep; the oats then sown and harrowed in. They will be ready for cutting about the latter end of June, when the oats are in milk and the pods formed on the peas. Farmers who have never sown this crop will be surprised at its large yield. It is a nutritious food and relished by all kinds of stock. This crop also makes an excellent soil improver when turned under like cow peas as described above. Since we first called attention to the great value of Canada Field Peas for this purpose, some years ago, the demand has become so great that we are now having them grown by the carload in Canada and can always quote **LOW PRICES BY LETTER** when wanted in lots of 10 bushels and upwards.

VELVET BEAN (The Great Nitrogen Gatherer)

A Worthy Rival of the Cow Pea

This new and important forage plant from India is creating a great sensation throughout the Middle and Southern States, where it is supplanting the cow pea for cattle food and as a soil renovator. Since our introduction of it, it has been grown in many of the far Northern States with great success and is worthy of a trial everywhere. Its nitrogen-gathering properties are said to surpass those of the cow pea. It is the rankest grower of any of the legumes; two or three seeds planted four feet apart in rows five feet apart will literally cover the ground two to three feet thick with a mass of foliage and vines twenty to twenty-five feet long, no matter how poor the soil. It leaves a mulch on the ground that is very beneficial to the soil.

Dr. Stubbs, Director of the Southern State Experiment Station, says: "I believe that it can be cut advantageously almost any time from June to October, and cured in less time than cow pea hay. It makes an excellent hay and stock eat it well. A heavy nitrogen-gatherer, and the tubercles on its roots are the largest of any plant I have observed, corn-like clusters having been collected that make a mass, from one single growth, almost as large as a common hen's egg. The vines of this plant are now about thirty feet in length, from seeds planted in May." The cultivation is the same as for cow peas. Prices, pkt., 10c.; lb., 25c.; 3 lbs. for 60c., by mail, postpaid; by freight, qt., 20c.; peck, 75c.; bush. of 60 lbs., \$2.75.

SOJA BEAN—Late Variety

The demand for the **SOJA OR JAPANESE SOY BEANS** has grown remarkably of late years. Their great value is as a forage crop, for fertilizing the soil and for pasturing or feeding the green fodder much in the same way as the cow pea. This late variety is very valuable south of the Potomac and Ohio Rivers. Sow broadcast one-half bushel to the acre, or it may be planted in drills three feet apart and one foot between plants. Pkt., 10c.; lb., 25c.; 3 lbs., 60c., postpaid; by freight or express, qt., 20c.; peck, 60c.; bush., \$2.00; 5 bush. and over, \$1.75 per bush.

SOJA BEAN—New Early Variety

The ordinary or late soja bean, described above, while valuable south of the Potomac and Ohio Rivers, is too late to be of value in the far Northern States. This variety ripens in all the Northern States, where it has been grown over four feet in height, and yielded over ten tons per acre. It is a valuable fodder either for feeding green or for the silo. Being a rich nitrogenous feed, it is unsurpassed as a flesh-former, and, like the clovers, is a soil-improver. All who are interested in this class of plants should give our **New Early Soja or Soy Bean** a trial. Choice seed grown for us in Michigan. Lb., 25c.; 3 lbs., 60c., by mail, postage paid; by express or freight, qt., 25c.; peck, \$1.00; bush. of 60 lbs., \$3.75.



DWARF ESSEX RAPE—EIGHT WEEKS FROM SOWING.

TRUE DWARF ESSEX RAPE

Dwarf Essex Rape, of the True Biennial Variety, is now largely grown in this country on account of its rapid growth, being ready to feed in eight to ten weeks from sowing, and producing twenty-five to thirty tons of green forage to the acre. It grows to a height of three feet and covers the surface so densely as to smother out all weeds. It can be sown all through the season, being perfectly hardy, withstands drought, and will produce a crop in any soil by sowing broadcast at the rate of five to ten pounds to the acre. While unequalled as a pasture for sheep, as a food for all cattle, calves or pigs, it is without a rival, its fattening properties being twice as great as clover, making a much relished and most succulent food from May to December. Lb., 25c.; 3 lbs., 60c., by mail, postpaid; by express or freight, lb., 15c.; 10 lbs., \$1.00; 25 lbs., \$2.00; bush. of 50 lbs. for \$3.50; 100 lbs. and over at 6c. per lb. Special prices by letter for larger lots.

A PAGE OF MILLETS



Photograph of test of Millets at our Floracraft Trial Gardens. Note the difference. The tall, leafy sort on the right of the man is the **Genuine Southern Grown**. The one on his left is **Common Western Millet**.

Very Important to Buyers of Millet

Common Millet is offered and sold by many dealers as **German Millet**.

The seed bears sufficient resemblance to German Millet to deceive inexperienced purchasers, and to make the prices asked by other houses for the **true German Millet seem unreasonable**.

Do not buy German Millet without the **distinct and positive assurance** that it is **Southern Grown Seed**.

The Difference between German Millet and Common Millet

In the North, millet is sown almost altogether for hay, and for that purpose *Southern Grown German Millet is much better than Common Millet*. It grows taller than does that from Northern seed, and that means **more hay**. It is *finer* than that from Northern seed and that means **better hay**. In fact, it is our judgment, based on an experience of many years, that a farmer would better, from the standpoint of profit alone, pay \$2.00 a bush, for *true Southern Grown German Millet* than to sow the best Northern Millet as a gift. Millet seed produced in the North, even from Southern seed, becomes what we call **Common Millet**. Not only does the plant change in character, becoming coarser and much more dwarf, but the seed itself shows a change and is readily distinguished by those experienced in handling it.

German or Golden Millet (Southern Grown)

Southern grown German or Golden Millet Seed is far superior, both in quality and yield, to Western or Northern grown seed. When properly grown and handled, it makes an enormous yield of nutritious feed, succeeding in almost any soil. Sow in May or June, one bushel to the acre. Price varies with the market. Qt., 10c; bush., about 50 lbs., \$1.75.

Hungarian Millet

The most popular annual millet, yielding two or three tons of hay per acre. Sow $1\frac{1}{2}$ bushels to the acre in May or June. Price varies. Qt., 10c; bush., 48 lbs., about \$1.50.

Pearl Millet, or Pencillaria

For several years we have been experimenting with all the known forage plants and have found nothing superior to Pearl Millet either in enormous growth or quality. It has produced the most abundantly and can be cut several times during the season. The United States Agricultural Department has also made numerous experiments and with about the same results as those at Floracraft. If you grow green forage, try East Indian or Pearl Millet, and you will find there is nothing better. Drill in 2 feet rows, 10 lbs. to the acre. By mail, postpaid, per pkt., 10c; lb., 30c; 3 lbs., 75c; by freight or express, lb., 20c; 10 lbs. (enough for one acre), \$1.00; bush. of 50 lbs., \$4.50.

Siberian or Russian Millet

A new and productive forage plant from Russia, which has given excellent results in the United States and is rapidly becoming most popular. It is extremely hardy, withstands drought and is about two weeks earlier than German Millet. Grows 4 to 5 feet in height, ranker, and produces more leaves than either the Hungarian or German Millet. Its stooing properties are remarkable, forty-one stalks having been grown from one seed. The leaves start close to the ground and continue nearly to the top of the stem, are wide and tender, making it preferable to all other millets for hay. Yield of hay is one-third to one-half more per acre than Hungarian and German; the hay is softer when cured, greener in color and preferred by all stock, being very nutritious and fattening. Sow in May or June, 15 to 25 lbs. to the acre. Lb., 25c; 3 lbs., 60c., postpaid, by mail; by freight or express, 10 lbs., 75c.; hush. of 50 lbs., \$2.00; 2 bush. and over, \$1.75 per bush.



SIBERIAN MILLET.

Japanese Barnyard Millet

A wonderful and valuable new forage plant introduced into this country by Prof. Brooks, of the Massachusetts Agricultural Experiment Station. Has proven an enormous yield in all sections of the United States—hay and fodder of excellent quality growing 6 to 8 feet in height and yielding 12 to 20 tons per acre. Cattle and horses eat it greedily. Sow in May and June broadcast, 10 to 12 lbs. per acre (it stools remarkably), or in drills, 8 lbs. per acre. Prices: By mail, postpaid, per lb., 30c.; 3 lbs., 75c.; by express or freight, lb., 20c.; 10 lbs., \$1.00; bush. of 30 lbs., \$2.00; bag of 2 bush. for \$3.50.



JAPANESE MILLET IN MASSACHUSETTS—FIELD FROM WHICH OUR SEED WAS SAVED BY THE INTRODUCER.

HIGH-GRADE CLOVER AND GRASS SEEDS

Our Grass and Clover Seeds are extra cleaned and of the highest quality. We take great care to have them absolutely free from all noxious weed seeds. Write for prices on Grass and Clover Seeds, stating kinds and quantities wanted. Prices vary with the market, and we can frequently supply lower than catalogue rates.



RESULT OF OUR SPECIAL MIXTURE FOR PERMANENT MOWING LANDS.

Clovers WRITE FOR PRICES ON BUSHEL LOTS

ALFALFA. A perennial forage plant, and when once properly seeded in suitable soil, will produce fine crops for several years. It has a remarkably strong growth, roots penetrating the ground to a great depth—ten to twenty feet. Sow twelve pounds to the acre. Lb., 25c; 10 lbs., \$2.00.

TURKESTAN ALFALFA. (True.) This variety imported from Turkestan has for the past few years withstood the drought of summer and cold dry winters both North and South better than ordinary alfalfa, giving two crops in the most northerly latitude where the other would winter-kill. Lb., 30c; 10 lbs., \$2.50.

ALSIKE. Very hardy perennial. Well adapted for mixing with other grasses. Taller than red clover and good for growing with timothy for mixed hay. Blossom heads valuable as bee food. Lb., 25c; 10 lbs., \$2.00.

CRIMSON. An annual clover. Used largely and very valuable as an improver of soil; also as a winter cover crop. Lb., 15c; 10 lbs., \$1.00.

WHITE DUTCH. The best to sow with lawn grass and valuable in permanent pastures. Oz., 5c; lb., 35c; 10 lbs. and over, 30c per lb.; bush., 60 lbs., \$15.00.

SAINFOIN, or ESPARLETTE. A land-enriching, luxuriant, heat-resisting, perennial clover. Lb., 15c. (lb., postpaid, 25c.); 10 lbs., \$1.00; bush. of 25 lbs., \$2.25.

BOKHARA CLOVER (Honey Plant). Excellent for bee food, growing well on poor soil. Lb., 30c; 10 lbs., \$2.50.

MAMMOTH PEA VINE, or SAPLING CLOVER. Grows much taller than the Common Red Clover, with larger, leafier stalks. Price variable—write.

COMMON RED CLOVER. We furnish the very choicest seed of this valuable clover. Price variable—write.

SPECIAL MIXTURES FOR PERMANENT PASTURES AND MOWING LANDS

Sow two and one-half bushels to the acre.

JOHNSON & STOKES' No. 1 MIXTURE FOR PERMANENT PASTURE. Contains, blended in proper proportions for the purpose, the following grasses: Orchard Grass, Sheep's Fescue, Meadow Fescue, Hard Fescue, Canadian Blue, Sweet Vernal, Meadow Foxtail, Tall Meadow Oat, Red Top, Kentucky Blue, Italian Rye Grass, Perennial Rye Grass, Rhode Island Bent, Timothy, Wood Meadow, Rough-Stalked Meadow, Alsike Clover, White Clover, Mammoth Clover. Bushel, \$2.50; 10 bushels, \$2.25 per bushel, sacks included.

JOHNSON & STOKES' No. 2 MIXTURE FOR PERMANENT MOWING. Contains, properly blended, according to condition of soil and climate: Red Top, Perennial Rye Grass, Orchard Grass, Timothy, Red Clover, Mammoth Clover, White Clover, Fine-Leaved Fescue, Rhode Island Bent, Rough-Stalked Meadow, Meadow Fescue, Meadow Foxtail. Bushel, \$2.50; 10 bushels and over, \$2.25 per bushel, sacks included.

Grass Seeds

HUNGARIAN BROME-GRASS (*Bromus Inermis*). This great drought-defying, frost-resisting grass yields enormous crops of splendid hay, and affords rich, abundant pasturage. It grows best in light, sandy loam, but its roots will penetrate the stiffest clays. It is equally good for cutting green, pasturing or cutting into hay. It can be sown alone and also does well sown with clover and timothy. Use 20 pounds to the acre if alone; if with clover, 15 pounds. It may be sown in the fall with winter wheat, or in the spring.

Seed, per lb., 30c., postpaid; by express or freight, qt., 15c.; bushel of 13 lbs., \$2.00; 2 bushels for \$3.75.

CANADIAN BLUE GRASS (*Poa Compressa*). One of the hardiest grasses in cultivation. An excellent grass for dry, sandy, thin soils and banks, and for covering the surface of rocky soils. Qt., 15c.; bush., 14 lbs., \$1.50; 5 bush. and over, \$1.40 per bush.

KENTUCKY BLUE GRASS (*Poa Pratensis*). Valuable for pasture when mixed with other varieties. Qt., 15c., bush., 14 lbs., \$1.60; 5 bush. and over, \$1.50 per bush.

ORCHARD GRASS. One of the most desirable pasture grasses. Qt., 15c.; bush., 12 lbs., about \$2.25.

TIMOTHY. Qt., 20c.; bush., 45 lbs., about \$2.50.

HERD, or RED TOP GRASS. A valuable native permanent grass, as a mixture in meadows or pastures. Choice seed in chaff. Qt., 15c.; bush., 10 lbs., 75c.; in sacks of 50 lbs., about \$3.00; extra fancy solid seed, lb., 20c.; 10 lbs., \$1.50; 100 lbs. and over, 12c. per lb.

JOHNSON GRASS (SORGHUM HALAPENSE). Valuable for the South. Qt., 20c.; bush., 25 lbs., \$2.50.

NATURAL GREEN GRASS. Qt., 20c.; bush., \$3.00.

MEADOW FESCUE, or ENGLISH BLUE. Qt., 20c.; bush., 22 lbs., \$2.50. Sow 2 bush. to the acre.

TALL MEADOW OAT GRASS. A valuable grass for permanent pasture, on account of its early, luxuriant growth. Makes splendid hay. Qt., 20c.; bush., 13 lbs., \$2.25.

ENGLISH RYE GRASS. A nutritious permanent grass for meadows and pastures. Qt., 20c.; bush., 24 lbs., \$1.75.

ITALIAN RYE GRASS. Qt., 20c.; bush., 20 lbs., \$2.00.

CRESTED DOGTAIL. A very valuable grass for lawns, golf links, etc., which require close cutting and to stand wear. Lb., 50c., postpaid; bush., 20 lbs., \$6.50.

WOOD MEADOW GRASS. Adapted for pleasure grounds under trees; fine for pastures under close feeding. Sow 23 pounds to acre. Lb., 50c., postpaid; bush., 14 lbs., \$5.50.

SWEET VERNAL GRASS (True perennial). Lb., 60c.; Sweet Vernal (annual), lb., 25c.; bush., 10 lbs., \$2.00.

MEADOW FOXTAIL, ROUGH-STALKED MEADOW, RHODE ISLAND BENT, HARD FESCUE, WATER MEADOW, WATER FESCUE, CREEPING BENT. Each, per lb., 40c. postpaid; 10 lbs. and over, 30c. per lb., by express.

FINE-LEAVED FESCUE, TALL FESCUE, SHEEP FESCUE. Each, per lb., 45c., postpaid; 10 lbs. and over, 35c. per lb., by express.



A BEAUTIFUL LAWN SOWN WITH OUR EVERGREEN VELVET LAWN SEED MIXTURE.

JOHNSON & STOKES' EVERGREEN VELVET LAWN SEED MIXTURE

is the Best Lawn Grass Seed for the American Climate. With it you can renovate old and make new lawns, grass plots, tennis courts, golf links, etc., as soft as velvet and as green as emerald, which flourish during different months of the year, and insure a beautiful dwarf, green, compact sward, remaining green and fresh throughout the season. It has become widely known, and is largely used on the finest public and private grounds around Philadelphia, New York and other cities. Quart, 20c.; 2 quarts, 35c. (qt., postpaid, 25c.); peck, \$1.00; bushel, 20 lbs., \$4.00.

FAIRMOUNT PARK LAWN GRASS SEED MIXTURE

This is composed of fine grasses, but less expensive than those used in our Evergreen Velvet Mixture, and will give excellent results. Quart, 15c. (qt., postpaid, 20c.); peck, 75c.; bushel, 14 lbs., \$2.50.

SPECIAL GRASS SEED MIXTURES FOR GOLF LINKS

Fair-Green Mixture. Specially prepared of the most enduring and serviceable grasses, without clovers. Sow four bushels to the acre. Per bushel, \$2.50; 10 bushels and over, \$2.25 per bushel.

Putting-Green Mixture. A carefully prepared combination of grasses for sowing on putting-greens, which will produce a dense, close sward. Per bushel, \$4.00; 10 bushels and over, \$3.75 per bushel.

A quart of Lawn Grass Seed will sow about 300 square feet. Three to four bushels are required to sow an acre. Instructions how to prepare and sow a lawn accompany each package or bag of seed.



A FAMOUS GOLF COURSE NEAR PHILADELPHIA, SOWN WITH OUR GOLF LINKS MIXTURE.



FLOWER SEED NOVELTIES

It is our practice each season to test on our "Floracraft" Trial Grounds all Floral Novelties, and in this way we become, by personal positive knowledge, acquainted with all the best that is offered both in this country and abroad. Of many of the finer sorts, we grow our full stock of seed on our own ground, thus being enabled to know that the type is kept pure and true.

Nicotiana —Sanderæ

WITH LARGE, BRIGHT
CARMINE FLOWERS

The Flower Novelty of the Century

No. 2180. This new hardy annual is one of the most striking and most beautiful novelties of the century. We know nothing approaching it for freedom of bloom nor graceful and copiously branching habit. The whole plant is laden with flowers from base to summit, literally ablaze with most handsome carmine red blossoms, thousands of which are produced on a single plant. It will produce quantities of flowers continuously in all kinds of soils and situations, and we know of no plant which is its equal in this respect. Almost no care is necessary.

Such an intensely glowing, rosy carmine color is unknown in any plant of the same character. Either in formal flower beds, in shrubbery borders or in the wild garden, in fact, in any position where annuals of any color or kind of foliage are grown in this way, in the background or in the open, this incomparably beautiful plant will be charming.

Sow seed in February or March, pricked out in the ordinary way, transplant in May to the position where it is intended to flower. This is all that is necessary.

Price, per pkt., 25c.; 5 pkts., \$1.00.



NICOTIANA SANDERÆ.

IMPROVED SHASTA DAISY

Fluted, Quilled, Curled, Fringed, Lacinated, Semi-Double

No. 1026. The Shasta Daisy has been one of the marvels in flower production, and now this new form, introduced by the wizard of horticulture, Luther Burbank, is a wonderful improvement over what has been known before. This new selection has been gotten by carefully crossing and rehybridizing, and is fluted, quilled, curled, fringed, lacinated, semi-double, and a wonderful variety of other forms will appear from the seed. Seed sown from this assortment will be found very interesting in its results. It is a perennial, blooming more beautifully and more abundantly each season. Flowers will average from 3 to 5 inches in diameter, and are of a beautiful color.

Price, per pkt., 25c.; 5 pkts., \$1.00.

GIANT SHASTA DAISY

No. 1025. The Shasta Daisy is one of the most marvelous productions in the flower line that has ever been brought to the notice of floriculturists. It is the first of a new type, which has been obtained by first combining the free-flowering American species with the large but coarse European species and the Japanese species, Nipponicum, after which rigid selection through a series of years has produced the present wonderfully beautiful and useful strain. Its first qualification is hardiness; it can be grown out of doors by anybody, where it is not cold enough to kill oak trees. It is perennial, blooming better and more abundantly each season. It can be multiplied rapidly by simple division, and it is not particular as to soil, and it blooms for several months. The flowers are extremely large and graceful, averaging about 4 to 5 inches in diameter. Pkt., 15c.; 4 pkts., 50c.



J. & S.

QUILLED SHASTA DAISY.

NEW CARNATION—GIANTS OF NICE



The Carnation for the
Florist and
the Private Gardener

Blooms the First
Season from
Spring-Sown Seed
Nearly 100 per cent.
Double Flowers

No. 655. New Carnation
GIANTS OF NICE

A new giant strain of perpetual carnations, introduced by a celebrated French specialist. It is unquestionably the finest of the perpetual class, attaining an immense size and beginning to bloom almost as early as the Carnation Marguerite and producing nearly 100 per cent. double flowers with a large percentage of yellows. They are profuse bloomers, deliciously fragrant and contain a magnificent variety of colors and markings. As the flowers last a long time after being cut, they will be found equally valuable to the florist and private gardener for open ground or pot culture. Pkt., 20c.; 3 pkts., 50c.

CREAM CUP

(*PLATYSTEMON CALIFORNICUS*)

No. 2398. This delicate, poppy-like plant, which blooms very early and abundantly, is destined to become one of the most popular of annuals. In color the flowers range through all the tints from white to light cream and shades of yellow. In height they range from six to twelve inches, and the seed should be sown where it is to bloom, as they do not bear transplanting. Price, per pkt., 15c.; 4 pkts., 50c.

Two New Annual Chrysanthemums

“GOLDEN WHEEL”

No. 705. This striking novelty is a very free blooming annual. The flowers assume a peculiar form, the quill-shaped golden yellow petals standing out all around the purple disk in the centre, like the spokes of a wheel. Very desirable for cutting, lasting a long time. Pkt., 10c.

“EVENING STAR”

No. 706. These pure golden yellow flowers are often three to four inches across, and, after cutting, last a long time in water. They are very beautiful and make a valuable addition to our list of choice annuals for cut flowers. Pkt., 10c.

Lace Flower (*Boykinia Occidentalis* Var. *Grandiflora*)

No. 341. A handsome tuberous perennial; leaves dark bronzy brown, round reniform, resembling some of the begonias. Flowers purest white, with lace-like petals borne on long loose panicles. Easily grown in any soil. The curious small tubers keep well and can be planted at any season and are sure to bloom. Price, tubers, each, 10c.; per six, 50c.; per doz., 75c., by mail, postpaid.



LACE FLOWER.



STOKESIA CYANEA.

STOKESIA CYANEA

(The Cornflower or Stokes' Aster)

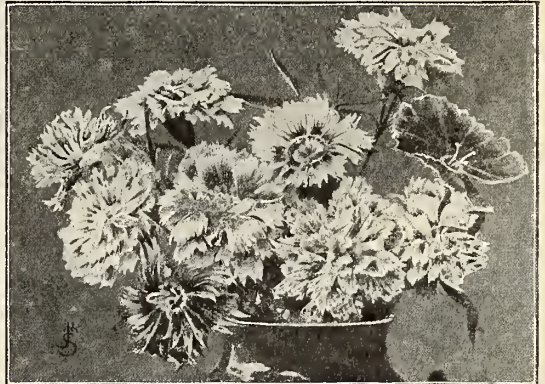
No. 2655. This is one of our most charming and beautiful native hardy plants. The plant grows from 18 to 24 inches high, bearing freely, from early July until frost, its handsome lavender-blue Centaurea-like blossoms each measuring from 4 to 5 inches across. It is one of the easiest culture, succeeding in any open sunny position, and is not only desirable as a single plant in the mixed hardy border, but can be used with fine effect in masses or beds of any size. Like many other native plants which are neglected at home, this is grown in considerable quantities in Europe to supply the demand for blue cut flowers in the Autumn.

We have no hesitation in saying that Stokesia is one of the most valuable and desirable hardy plants offered. Seed: per pkt., 10c. Plants: each, 15c.; per doz., \$1.50.

New Ipomoea "Heavenly Blue"

No. 1665. This beautiful Ipomoea is of Mexican origin, and it is difficult to exaggerate its beauty. Its numerous flowers are three inches or more across, of a very brilliant azure blue, passing insensibly to a rosy violet, with a light-colored throat. Price, per pkt., 10c.

NEW PINKS



DIANTHUS "ROYAL PINK."

New Dwarf Star Phlox "Radiata"

No. 2368. The petals unite in the form of a small five or six-pointed star, quite unique in its appearance and of a peculiar charm. The plants are distinct in growth, being even dwarfer and more floriferous than any of the dwarf varieties; they form sturdy miniature bushes literally covered with blooms which retain their beauty for a very long period. The flowers are carmine red with two white stripes on each petal, a very pleasing tint which shows off their novel shape to particular advantage. Price, per pkt., 10c.



PRIMULA OBCONICA "VESUVIUS."

Primula Obconica "Vesuvius"

No. 2422. The beautiful Primula Obconica have been enriched with a new variety, "Vesuvius," which is a fine true bright carmine color. The Obconica Primulas are all very desirable, being very floriferous and having a much longer blooming season than the P. Sinensis section. For other varieties see page 82. Price, per pkt., 15c.; 2 pkts., 25c.

"ROYAL PINK." (*Dianthus Heddeewigi Nobilis.*)

No. 1095. This is a great improvement on the old-fashioned Indian Pink, which has been a favorite for many years. They are of easiest culture and constant and graceful bloomers. The flowers are very large and the petals are fringed and fringed, giving the large flower a graceful and light appearance. The colors are, first of all, of a deep yet very bright blood red, then shade to carmine and pink and even white. The foliage is grayish blue, sometimes darker. The plant grows vigorously and tall, and gives lots of first-class cut flowers with long stalks, and keeping a full week in water. The more the blooms are cut, the more the plant will produce. Per pkt., 10c.

"STAR PINK." (*Dianthus Stellaris.*)

No. 1096. This novelty represents a new class of the Chinese Pink. Each single flower has the form of a 5 or 6 rayed star, hence the name, "Star Pink." They bloom continuously from June to October with a matchless display of color and variety of markings. Pkt., 10c.

DOUBLE DIANTHUS "SALMON QUEEN."

No. 1097. This beautiful double annual pink has finely fringed flowers of a fiery salmon red, turning to a charming salmon pink as they get older. Plants are 10 to 12 inches high, and bloom profusely throughout the whole season. Pkt., 10c.

"PINK COLLECTION"—One pkt. each of above 3 choice Pinks for 25c.

SPECIAL OFFER Five Grand New Pansies, 75c.



NEW GIANT PANSY, "HERO."

New Star Petunias

No. 2344. In form, intensity of color and markings, this new strain of Petunias is something wonderful. From the centre of each flower start the points of a five-rayed star which broadens half way up, narrowing to a point at the margin of the flower.

Their ground color is a dark crimson maroon, with a rich velvety texture, justly pronounced equal to that of the pansy. Showing through the ground color are violet veinings.

This star is a very light bluish pink, some almost white, which deepens in color as it reaches the margin and finally blends with the maroon ground color. Over 80 per cent. of the plants from seed will produce the star markings. Others with veined and feathery markings on dark or light ground are not less surprisingly beautiful.

The plants are free growers, branching freely and attaining an average height of 18 inches by 24 inches in diameter.

They are remarkably prolific bloomers, single plants often having one hundred or more fully expanded flowers at a time. Per pkt., 15c.; 2 pkts., 25c.

The Wild-Flower Garden

No. 2960. Our Wild Flower Mixture consists of many varieties of beautiful, easy-growing flowers, producing a constant and varied bloom the whole season, for sowing in shrubbery, under trees and in heds on which no care will be bestowed, or even for sowing in exposed situations, where wildness is preferred to order and precision. The mixture comprises mignonette, candytuft, larkspurs, marigolds, poppies, foxgloves, and many other garden favorites, which will flower successively and yield an abundance of bloom. Large pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

New Giant Pansy "Hero"

No. 2313. No more beautiful pansy has ever been introduced than "Hero." It is a very large, well-shaped flower, of great substance; has beautiful regularly crimped and curled edges, as shown in the illustration. Its color is an exquisite deep blue, shading to white on the upper petals. Price, per pkt., 20c.

Giant Mme. Perret

No. 2309. A new French strain of pansies particularly rich in shades of red, hut of the largest size and borne erect on long stems. Price, per pkt., 20c.

Pansy Giant "Pretiosa"

No. 2312. This flower is similar to the new "Masterpiece" Pansy introduced two years ago, and has the same frilled edges, hut it is of the true giant five-spotted sort. Each petal marked with a large blotch of deep violet on a ground color of brilliant crimson rose, and each petal margined with a pure white edge. Price, per pkt., 20c.

Pansy Giant "Indigo King"

No. 2310. The brightest blue pansy ever offered. The old variety, "Emperor William," looks a dull color when compared with this grand new sort. Price, per pkt., 20c.

Pansy Prince Henry

No. 2311. A new giant variety of vigorous habit, the flowers often attaining 3½ inches across, of a brilliant dark indigo with velvet lustre, each petal having a large black-brown veined blotch, like the Bugnot race, with slightly undulated edges. Price, per pkt., 20c.

Giant Novelty Pansy Collection

Price, one packet each of the above five choice new varieties, 75c.



OUR WILD FLOWER GARDEN AT FLORACROFT. FLOWERS TO CUT FROM APRIL TO NOVEMBER.

General List of Flower Seeds

PLEASE ORDER BY NUMBER

ABRONIA

40. **Umbellata.** Charming annual trailer for vases, rockwork, etc. Pkt., 5c.
 45. **Abutilon.** Large bell-shaped flowers; various colors, richly veined. Mixed colors; tender perennial. Pkt., 10c.
 50. **Aeroclinum.** Mixed double flowering. An "ever-lasting" for winter bouquets. Pkt., 5c.

ADLUMIA

60. **Cirrhosa** (Mountain Fringe or Allegheny Vine). A charming climber. Pkt., 10c.

AGERATUM

Annuals bearing a profusion of feathery flowers. Excellent for bedding in summer or pot culture in winter. Flowering profusely and continually; 2 feet high.

100. **Mexicanum.** Lilac blue. Pkt., 5c.
 101. **Lasseauxii.** Beautiful rose color. Pkt., 5c.

102. **Choice Mixed.** Per oz., 25c.; pkt., 5c.

104. **White Gem.** Very dwarf, free flowering. Pkt., 5c.

105. **Little Dorrit.** Azure blue. Pkt., 5c.

106. **Swanley Blue.** Large flowers; fine.



AGERATUM.

Pkt., 5c.

107. **Blue Perfection.** Very dark blue, dwarf, finest of all. Pkt., 5c.

109. **Princess Victoria Louise.** Novelty. Centre white, edged with blue. Very beautiful sort, dwarf. Pkt., 10c

ALYSSUM

A garden favorite, flowering profusely throughout the season from spring-sown seed. Excellent for ribbon lines and edging. Very fragrant annual, 6 to 9 inches high.

140. **Sweet Alyssum.** Oz., 20c.; pkt., 5c.
 141. **Tom Thumb.** Dwarf. Oz., 25c.; pkt., 5c.
 142. **Little Gem.** Distinct, very dwarf. Oz., 40c.; pkt. 5c.
 143. **Saxatile Compactum.** Perennial; yellow. Pkt., 5c.
 144. **Carpet of Snow.** Pure white, only 2 to 3 inches high, a profuse bloomer, showing as many as 300 heads of snow-white flowers at one time on one plant; annual. Pkt., 5c.



BORDER OF ALYSSUM "CARPET OF SNOW."

AMARANTHUS

Ornamental foliage and flowering annuals. Very rapid growth and easy culture. For semi-tropical gardening they are very effective.

160. **Caudatus** (*Love-lies-bleeding*). Pkt., 5c.
 161. **Tricolor** (*Joseph's Coat*). Pkt., 5c.

AMPELOPSIS VEITCHII (*Boston Ivy*)

The *Ampelopsis Veitchii* is a hardy perennial climber from Japan, with beautiful, glistening, olive-green leaves, which turn a beautiful scarlet in the autumn. It is the best and most popular climber for covering stone or brick walls.

180. Seed, 10c. per pkt.; 25c. per oz. Plants, 20c. each; \$2.00 per dozen.

ANTIRRHINUM

(*Snapdragon*)

Half-hardy perennials for the summer flower bed or border. Are very showy and flower the first season from seed. Two to three feet high.

220. **Nanum.** Dwarf, mixed. Pkt., 5c.

221. **Majus.** Tall, mixed. Pkt., 5c.

223. **Queen of the North.** Large, pure white; fine for beds or borders. Pkt., 10c.



AQUILEGIA, OR COLUMBINE.

AQUILEGIA, OR COLUMBINE

Hardy perennials, luxuriating in the moister situations in the garden, where they form permanent clumps, growing from 1½ to 3 feet high. The large, unique, long-spurred flowers, gracefully hung on long stems, are not only brilliantly effective on the plant, but equally as desirable when cut for vase and house decoration.

240. **Single Varieties.** Mixed. Pkt., 5c.
 241. **Double Varieties.** Mixed. Pkt., 5c.



ARCTOTIS GRANDIS. 10c.

ARCTOTIS GRANDIS

No. 250. A handsome new annual, growing luxuriantly in our climate and forming profusely branched bushes of about 2 to 2½ feet in height and breadth. Its flowers are large and showy, from 2½ to 3 inches across; pure white on the upper surface, embellished by a narrow yellow zone at their base; reverse of petals pale lilac. Pkt., 10c.

SUPERB ASTERS



VASE PÆONY PERFECTION ASTERS.

PÆONY FLOWERED PERFECTION ASTERS

A very favorite type. Thrifty upright plants; large, fine flowers, with long incurved petals. The Florists' Aster, and one of the finest.

321, Snow white; 322, Glowingcrimson; 318, Brilliant rose; 323, Azure blue; 324, Purple; 320, Carmine, edged white; 325, Dark rose, edged white; 319, Blue, edged white; 326, Choice mixed sorts. Price, all the above, 10c. per pkt.

DWARF CHRYSANTHEMUM FLOWERED ASTERS

Plants only ten to twelve inches high, producing flowers of the largest size and choicest colors.

	PER PKT.
327. A. Chrysanthemum Flowered, mixed . . .	\$0 10
328. A. Chrysanthemum Flowered, pure white . . .	10

VICTORIA ASTERS

A magnificent race of Asters. The colors include many delicate and some gorgeous shades; flowers very double and four inches across, and from twenty to thirty in a single plant; fifteen to eighteen inches high.

355, Pure white; 356, Deep pink; 357, Light blue; 358, Deep scarlet; 359, Peach blossom; 360, Choice mixed sorts. Price, all the above, 10c. per pkt.

COMET OR PLUME ASTERS

A very beautiful and distinct class, with long curled and twisted petals formed into a loose yet dense half globe, resembling the Japanese Chrysanthemum.

345, Pure white; 346, New carmine; 348, Deep pink; 349, Delicate pink, edged white; 347, Choice mixed sorts. Price, all the above, 10c. per pkt.

GERMAN QUILLED ASTER

Flowers composed of tube or quill-shaped petals. Very beautiful, with a great variety of colors.

	PER PKT.
331. German Quilled. (<i>Betteridge's Prize</i>) Mixed . . .	\$0 05
332. " " Pure white . . .	05

DEEP SCARLET TRIUMPH ASTER

333. This is undoubtedly the most beautiful and perfect of all dwarf Asters. Each plant forms an elegant bouquet of itself, seven or eight inches high. The flowers measure from two and one-half to three inches across, of faultless form. The color is rich, brilliant scarlet; each plant bears at least thirty or forty flowers of exquisite beauty. Pkt., 10c.

NEW JEWEL OR BALL ASTER

A magnificent new class. The flowers are perfectly round or ball-shaped. Nine inches in circumference, the petals being short and incurved. Plants grow about 2 feet high, of steady habit.

	PER PKT.
351. Apple Blossom. Shell pink . . .	\$0 10
352. Crimson. Very showy and handsome . . .	10
353. Deep Rose. An excellent color . . .	10
1 pkt. each of these 3 Glorious Asters, 25c.	
354. New Jewel. Mixed colors . . .	10

NEW EXTRA EARLY GIANT PLUME ASTER

The Queen of the Market Asters have heretofore been our earliest Asters, but this new Giant Plume Aster is quite as early and grows to an immense size, many blooms measuring five inches in diameter. The long, recurved petals give the flowers an exceedingly graceful effect, heightened in many cases by the irregular character of the petals in the centre of the flower. The type is well established, the flowers all coming perfectly double.

	PER PKT.
364. Pure white . . .	\$0 20
365. Pure rose . . .	20

NEW OSTRICH FEATHER ASTER

366. The new Ostrich Feather Asters are a new type, with long, wavy, twisted feathery petals, like the wavy beautiful feathers of the ostrich. They are a very valuable addition to the decorative class of Asters. Flowers frequently measure four inches across, in long, thin, wiry stems. Price, mixed colors, 15c. per pkt.

CROWN ASTER

339. The centre of each flower is white, surrounded by a broad margin of color, such as crimson, rose, violet, etc.; flowers large and freely produced; height, 18 inches to 2 feet. Pkt., 10c.; 3 pkts., 25c.

NEW YELLOW ASTER

361. A Yellow Aster is at last at our disposal. It is a double flower in the form of a perfect ball; the quills are close together, and of the *brightest sulphur-yellow*. The flowers are borne upon long, erect stems, excellent for cutting. Per pkt., 10c.; 3 pkts. for 25c.

QUEEN OF THE MARKET ASTER

The earliest Aster known, two to three weeks ahead of most of the other sorts, of dwarf branching habit, very double flowers, valuable for cutting. A favorite Florist's Aster for early market. Mixed.

302, White; 303, Pink; 304, Crimson; 305, Light blue; 306, Purple; 307, Mixed. Price, all the above, 10c. per pkt.

NEW BRANCHING ASTERS

The new Branching Aster is quite different in several respects from any Aster known. The branching habit is accompanied with great vigor of growth and profusion of bloom. The flowers are of extraordinary size and exceedingly graceful, and are borne erect on very long stems.

	PER PKT.
310. White Branching Aster . . .	\$0 10
311. Crimson Branching Aster . . .	10
313. Shell Pink Branching Aster . . .	10
312. Finest Mixed Branching Aster . . .	10

NEW DWARF QUEEN ASTER

The dwarf, bushy plants grow only 10 to 12 inches high, and while branching very freely, the branches are upright (not loose in habit), making a dense compact bush. The flowers are of *extraordinary size*, perfectly double, and resemble the finest Victoria Asters in form.

	PER PKT.
335. Satin White Queen. Spotless white . . .	\$0 10
336. Crimson Queen. Rosy crimson . . .	10

POPULAR MIXTURE OF ASTERS

362. This is a mixture of all the best varieties of Asters suitable for cut flowers, consisting principally of white, pink and the brightest of red, with a small proportion of blue and purple and some intermediate shades. This mixture, being made by ourselves, we know contains only the most salable colors for cut-flower use, and offer it as a good substitute for the higher-priced separate colors. Large pkt., 15c.; oz., \$1.25.

363. **White Asters in Mixture.** This mixture is made up by ourselves of all the white-flowering Asters suitable for cut flowers, and includes Giant Comet Snow and White Branching. Large pkt., 15c.; oz., \$1.50.

NEW ASTER "WHITE LADIE"

330. This exquisite new Aster, of which we control the entire supply of seed, was offered by us in 1890, but the crop of seed the next season was an entire failure, and we are very glad to be able to again place it before our customers, knowing that all who try it will be charmed with its exquisite blooms. It is quite dwarf, thus making it suitable for decorative uses of all kinds, also for bedding. The needle character of the aster is of modern date, and is one of new type, which is attracting much attention, the long, graceful, tubular petals giving it a very distinct and attractive feature. Its pure white form makes it exceedingly useful as a cut flower and for use in designing; it remains fresh a long time after cutting, and this, with its long stems and beautiful form and dwarf habit, makes it one of the most valuable asters ever offered; it will prove a very useful and popular novelty. Price, per pkt., 10c.

BALLOON VINE

840. A rapid-growing handsome summer climber, small white flowers, followed by inflated seed vessels shaped like small balloons, 10 to 15 feet; annual. Pkt., 5c.



BALSAM.

doubleness and symmetry of plant. Price, per pkt., 10c.
Balsam Apple. See *Momordica*, page 79.
Balsam Pear. " " " " " "

BEGONIA (Tuberous-Rooted)

Magnificent flowering plants. The single varieties are a revelation in color and size, measuring 6 to 9 inches in circumference, and the double are as fine as the choicest roses in coloring and form.

420. **Single Large Flowering, Mixed.** Pkt., 15c.
 421. **Double** " " " " " 25c.

BEGONIA (Fibrous-Rooted)

422. **Rex Hybrids.** Large, ornamental-leaved plants, very rich and decorative. Pkt., 25c.

423. **Vernon.** Flowers waxy, blood-scarlet, borne in immense quantities; fine foliage, green at first, turning red. Pkt., 10c.

CANARY BIRD FLOWER

490. (*Tropaeolum Canariense*.) Of the Nasturtium family, the flowers resembling a canary bird with expanded wings. A beautiful climber. Pkt., 5c.

CALCEOLARIA

Gorgeous plants for greenhouse and window decoration; the large pocket-shaped flowers are borne in the greatest profusion through spring and summer; colors: yellow, maroon, crimson, etc.; spotted and blotched in the most unique fashion; 1½ feet.



CALENDULA. (See next column.)

of. Compact in growth and vigorous in constitution. Pkt., 35c.

BALSAM

(*Lady Slipper*)

The old garden favorite, marvelously improved.

380. **White Perfection.** The finest; pure white. Pkt., 10c.

384. **Double Mixed Sorts.** Pkt., 5c.

386. **Royal Camellia Flowered, Prize Mixed.** A fine strain of very double flowers of exquisite shades. Pkt., 10c.

388. **Improved Camellia Pure White (Alba Perfecta).** A really pure white, very double Balsam has long been a desideratum both for the private planter and the practical florist. Our stock of this grand acquisition is absolute perfection in snow-white color, size of bloom,

Price, per pkt., 10c.

CALENDULA

Profuse blooming, dwarf, bushy annuals; of easy culture and flowering till frost.

544. "**Orange King.**" The grandest of all the double Pot Marigolds. The color is a rich, dark orange, decidedly more striking than that of Prince of Orange. Pkt., 5c.; oz., 20c.

545. "**Lemon Queen.**" Just as fine as the Orange King, but a clear lemon-yellow. Pkt., 5c.; oz., 20c.

540. **Meteor.** Double yellow, striped orange. Pkt., 5c.

541. **Prince of Orange.** Pkt., 5c.; oz., 20c.

542. **Ranunculoides, Fl. Pl.** (*Cape, or Garden Marigolds.*) Deep orange color; 1 foot. Pkt., 5c.

543. **Calendula.** Fine mixed. Pkt., 5c.; oz., 15c.

CAMPANULA

(*Canterbury Bells*)

601. **Single Mixed.** Pkt., 5c.

602. **Double Mixed.** Pkt., 5c.

604. **CUP and SAUCER Varieties.** Are a very striking and beautiful variety of *Canterbury Bells*. The flowers are large and resemble a cup and saucer. Colors are mixed blue, blue, rose, lilac and white. Pkt., 5c.

606. **Pyramidalis, Mixed.** A grand sort, known as the "Pyramidal Bell Flower." Color, blue or white; plants grow about 4 feet high, of elegant pyramidal form, bearing thousands of exquisite bell-shaped flowers. Pkt., 5c.



CAMPANULA.

CANDYTUFT (Iberis)

Half-hardy annual of low growth and very free flowering. The plants bloom early from seed and continue a long time in bloom. Useful for bedding and for cutting.

620. **White Fragrant.** Pure white, pinnated foliage; 1 ft. Pkt., 5c.; oz., 20c.

621. **Crimson.** Very beautiful; 1 ft. Pkt., 5c.; oz., 20c.

622. **WHITE ROCKET.** Large trusses of pure white flowers; 1 ft. Pkt., 5c.; oz., 20c.

623. **White Tom Thumb.** A new dwarf variety, growing about 6 inches high, branching into a handsome bush, about 16 inches in diameter. Pkt., 5c.; oz., 20c.

624. **Fine Mixed.** Pkt., 5c.; oz., 15c.

625. **NEW EMPRESS.** One of the finest varieties of recent introduction. The plant is of a very branching habit, and assumes, when fully grown and covered with its large trusses of pure white flowers, a very handsome candelabrum-like aspect. Pkt., 10c.; oz., 30c.



EMPRESS CANDYTUFT.

CANNAS

645. **Crozy's Dwarf Large Flowering French.** In this new class of Cannas the foliage is luxuriant and the plants dwarf in habit. Their great merit, however, lies in the large size and brilliant hues of the flowers, ranging through all shades of yellow and orange to the richest crimson, scarlet and vermilion; some are also beautifully spotted. Mixed. Pkt., 5c.; oz., 15c.

640. **C. Marechal Vaillant.** Foliage rich maroon; large, bright orange flowers; 5 ft. Pkt., 5c.

641. **Tricolor.** Foliage green, red and creamy yellow; bright scarlet flowers; 3 ft. Pkt., 5c.

642. **Finest Mixed.** Embracing twenty of the best sorts. Pkt., 5c.; oz., 10c.

643. **C. Gigantea.** 8 ft. Pkt., 5c.



MARGUERITE CARNATIONS.

CARNATIONS

663. **Marguerite Carnations.** Without exception, these are the most abundant bloomers of all the Carnation Pinks. The flowers are of brilliant colors, ranging through many beautiful shades of red, pink, white, variegated, etc.; they are of perfect form and large size. Those sown in spring commence flowering in early summer, and continue to bloom in lavish profusion until checked by frost. Pkt., 10c.; 3 pkts., 25c.

- | | |
|--|--------|
| | PKT. |
| 656. Carnation Marguerite. Crimson | \$0 10 |
| 657. " White | 10 |
| 658. " Rose | 10 |
| 659. " Striped | 10 |

666. **NEW DWARF LARGE FLOWERING MARGUERITE.** An improvement on the above in size of flower, dwarfer and more stocky plants. Per pkt., 15c.

661. **Finest German Double Mixed.** Saved from extra choice named double flowers. Pkt., 15c.

662. **Fine Double Mixed.** Comprising the hardiest and best varieties for garden culture; 1½ ft. Pkt., 10c.

664. **FINEST DOUBLE STRIPED.** Pkt., 10c.

665. **THE GUILLAUD, or RIVIERA MARKET.** The Guillaud Pinks bloom profusely in the summer and autumn from spring-sown seed. The flowers are very large, of perfect shape, very fragrant. They contain flowers of clear yellow and others with yellow stripes. Pkt., 20c.

667. **NEW DOUBLE PERPETUAL (Chabaud).** As early as the Marguerite Carnation, this new sort will be found invaluable for florists. The stalks are very stiff and the flowers large and very double. The calyx rarely ever bursts, and the percentage of double flowers is very great. Pkt., 15c.

Celosia (Coxcomb)

Very popular annuals of the easiest culture, producing large, ornamental comb-like heads; useful both for summer bedding and pot plants as well.

CRISTATA, OR CRESTED VARIETIES

- 675. **DWARF CRIMSON.** Large combs. Pkt., 5c.
- 676. **VARIEGATA.** Crimson and gold. Pkt., 5c.
- 677. **JAPONICA.** Ruffled scarlet combs. Pkt., 5c.
- 678. **GLASGOW PRIZE.** Immense crimson. Pkt., 5c.
- 680. **QUEEN of the DWARFS.** Only 8 inches high; combs often 10 inches across; dark scarlet. Pkt., 10c.
- 681. **EMPRESS.** Mammoth bright combs; bronze foliage. Pkt., 10c
- 679. **CRISTATA.** Mixed. Pkt., 5c.

PINK PLUME CELOSIA

(*Celosia Spicata*)

671. The flowers of this charming Celosia open of a fresh bright rose tint and the lower involucre change gradually to a silvery white, thus presenting to the eye a most charming combination of color. The elegant long-stemmed flowers preserve their beauty even in unfavorable weather, and furnish quite an excellent material for making up bouquets, etc. In addition to this they are very suitable for drying, and as the plant blooms for a very long period, it is equally valuable both for the open border and for culture in pots. Per pkt., 15c.

682. **O S - TRICH FEATHER.** This new Feathered Celosia produces very large plumes, which are exquisitely curved and curled in exact resemblance to an ostrich feather. Pkt., 10c.

CENTAUREA
(*Dusty Miller*)

Extensively used for margins, beds and vases. Half-hardy perennial.

685. **Candiddissima.** Attractive, silvery, cut leaves; 1 ft. Pkt., 10c.

686. **Gymnocarpa.** Graceful, finely cut, silvery gray leaves; 1½ ft. Pkt., 10c.



OSTRICH FEATHER CELOSIA.

CENTAUREA

Blue Bottle or Corn Flower

- 688. **BLUE.** Per pkt., 5c.
- 689. **WHITE (Alba Pura).** Pkt., 5c.
- 690. **DWARF VICTORIA.** Very dwarf, beautiful for borders. Per pkt., 5c.

CHRYSANTHEMUMS

Single Annual Varieties.

Summer blooming annuals, growing 12 to 18 inches high, very floriferous and effective for beds or cut blooms.

704. **Selected Mixed Varieties.** Comprising a full assortment of single and double varieties with the richest variety of colors, rich crimson, golden yellow, striped and mottled. Pkt., 5c.

708. **C. MAXIMUM.** A grand addition to our collection of choice hardy perennials. Its beautiful snow-white flowers are produced in great abundance the whole season, and as cut flowers they are unexcelled in lasting qualities. Pkt., 5c.



CENTAUREA, OR BLUE BOTTLE.

CINERARIA

Magnificent and indispensable flowering plants for spring decoration for the conservatory or window garden. The flowers measure 2 to 3 inches across, are of white, blue, violet and crimson shades, covering the plant with a sheet of bloom.



CINERARIA ENGLISH PRIZE.

742. This prize strain has received the highest awards at the largest shows in England, and is unrivaled both in variety of color and marking and size and quality of bloom. Blooms measure $2\frac{1}{2}$ to $2\frac{3}{4}$ inches in diameter. Pkt., 5c.
 740. *Maritima Candidissima* (*Dusty Miller*). Pkt., 5c.
 741. *Acanthifolia* (*Dusty Miller*). Pkt., 5c.

CLARKIA

- Charming annuals for flower beds, with colors, white, rose red, purple, etc., borne in profusion during the summer.
 761. *Elegans* (*Purple King*). Pkt., 5c.
 760. *Single Mixed*. Pkt., 5c.
 762. *Double Mixed*. Pkt., 5c.

CLEMATIS

Hardy Perennial Climbers

780. *Jackman's Large Flowering Hybrids*. Pkt., 10c.
 781. *Coccinea Scarlet*. Tubular flowers. Pkt., 10c.
 783. *Flammula*. White, sweet scented. Pkt., 5c.
 784. *Paniculata*. One of the finest; fine white flowers; strong grower; very hardy. Pkt., 10c.

CLEOME PUNGENS

(*Giant Spider Plant*)

800. A showy rose-colored annual, whose stamens resemble spiders' legs. Very effective planted among shrubbery. Height, 3 feet. Pkt., 5c.



COBÆA SCANDENS.

fragrant, and in color golden yellow, except the keel in the centre, which looks like brown velvet, and are followed by clusters of short, smooth pods, in which, when shaken, the seeds sound like a child's rattle, hence its common name. Pkt., 5c.

COBÆA

840. *Scandens*. A beautiful rapid-growing climber, with handsome foliage and large bell-shaped flowers, green at first, changing to beautiful deep violet blue. Half hardy perennial; 20 to 30 ft. Pkt., 10c.; 3 pkts., 25c.

CRODALARIA RETUSA

(*West India Rattle Box*)

938. This is a low-growing, profusely branching plant, every branch and branchlet ending in racemes 6 to 10 inches long, of beautiful, large, sweet-pea-like flowers. These flowers are of thick substance,

COREOPSIS

Very showy, free-flowering plants, natives of this country; fine for borders and beds; easily cultivated. Hardy annuals.

560. *C. Drummondii*. Yellow, with a circle of rich crimson brown; 1 ft. Pkt., 5c.
 561. *C. Atrorubra*. Dark crimson; 2 ft. Pkt., 5c.
 562. *C. Mixed*. Pkt., 5c.; oz., 20c.
 563. *Coreopsis Lanceolata*. The flowers of this charming new hardy perennial are borne on long stems and are of a lovely bright golden-yellow color. Pkt., 10c.
 564. *Calliopsis Golden Wave*. Pkt., 5c.; oz., 20c.



COREOPSIS.

COSMOS

932. *Mammoth Perfection*. Very large flowering; petals deeply ribbed and of splendid substance; mixed colors. Pkt., 10c.
 931. *Pearl*. Beautiful snow white. Pkt., 5c.
 930. *Cosmos Hybrids*. Mixed sorts. Pkt., 5c.
 934. *Dawn*. New early blooming. Comes into flower in July, and continues a mass of bloom until cut by frost. Price, per pkt., 10c.



NEW EARLY BLOOMING COSMOS, "DAWN."

CYCLAMEN PERSICUM GIGANTEUM

Grown by a specialist, who has received the highest awards at the largest English shows, and is unquestionably the finest strain of Giant Cyclamen obtainable.

- | | PER PKT. |
|---|----------|
| 962. <i>Crimson Queen</i> . Rich deep maroon red | \$0 25 |
| 963. <i>Dixon Hartland</i> . Pure white, claret base | 25 |
| 964. <i>Duke of Connaught</i> . A superb cherry color | 25 |
| 965. <i>White Swan</i> . The finest white Cyclamen in cultivation | 25 |
| 966. <i>Rosy Morn</i> . Bright rose with claret base | 25 |
| 961. <i>Cyclamen Persicum Giganteum</i> , mixed | 25 |



CYCLAMEN PERSICUM GIGANTEUM (WHITE SWAN)



CYPRESS VINE.

CYPRESS VINE

A summer climbing annual with fine feathery foliage and pretty star-shaped flowers.

980. **Crimson.** Pkt., 5c.; oz., 25c.
 981. **White.** Pkt., 5c.; oz., 25c.
 982. **Mixed sorts.** Pkt., 5c.; oz., 25c.
 983. **Scarlet, Ivy Leaved.** Pkt., 5c.; oz., 25c.

DAHLIA

Although perennials, these flower freely the same season from seed, if sown early.

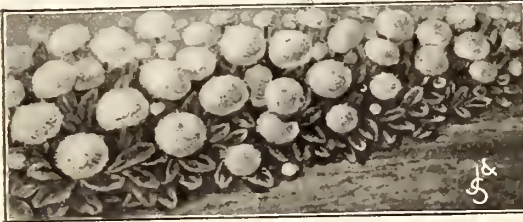
1000. **Choice Double Varieties.** Mixed. Pkt., 10c.
 1001. **Choice Single Varieties.** Mixed. Pkt., 5c.
 1002. **Cactus Dahlia.** Mixed. These double dahlias have their petals quilled and

curved loosely and gracefully. Pkt., 10c.

DAISY (Bellis Perennis)

Well-known favorites; admirably adapted for edgings, borders and low beds, and also well suited for growing in pots. Although perennials, they will flower the same season if the seed is sown early in the house, though it is preferable to sow it in the fall, and winter the plants over in cold frames; ½ foot. (See cut.)

1020. **Double.** Mixed. Pkt., 5c.
 1022. **Longfellow.** Double pink. Pkt., 10c.



DOUBLE GIANT DAISY.

1023. **Snowball.** Double white. Pkt., 10c.
 1024. **New Giant Double Mixed.** Beautiful imbricated flowers; 1½ to 2 inches in diameter. Pkt., 10c.

DATURA

Strong growing ornamental annuals, with very large, showy flowers; 2 to 3 feet high.

1043. **Cornucopia (Horn of Plenty).** A grand variety; immense trumpet-shaped flowers with three cones or funnels, one within the other; French white on inside, marbled with royal purple on the outside. Pkt., 10c.

No. 1044. **New Golden Queen.** A magnificent plant for open ground, with most brilliant golden-yellow flowers of enormous size, many of them 10 inches long. Pkt., 10c.

DELPHINIUM

(or Perennial Larkspur)

Handsome and hardy perennials, with splendid flowers, very showy and indispensable for hardy beds or borders.



DELPHINIUM MIXED HYBRIDS.

1060. **D. Formosum.** Brilliant blue with a white centre. Pkt., 5c.
 1067. **D. Chinensis.** A distinct and neat variety, growing about 18 inches high, with fine feathery foliage and producing freely spikes of large blossoms varying in color through all the delicate shades of blue. Pkt., 5c.
 1064. **D. Finest Mixed Hybrids.** Pkt., 5c.

DIANTHUS OR PINKS

The family of "Pinks" is unrivaled for brilliancy and rich variety of color; blooming profusely until late in the autumn, rendering them one of the most satisfactory of all our annuals for garden decoration. Height about 1 foot.

DOUBLE ANNUAL VARIETIES

1080. **D. Chinensis, Fl. Pl. (China Pink.)** Large, double, fragrant flowers; mixed. Pkt., 5c.; oz., 25c.
 1081. **Heddewigii Diadematis, Fl. Pl. (Double Diadem Japan Pink.)** Densely double flowers, 3 inches in diameter; beautiful tints of crimson, lilac, purple; outer edges fringed with white; 6 inch. Pkt., 5c.; oz., 75c.
 1084. **D. Imperialis.** Double imperial pink. Pkt., 5c.; oz., 40c.
 1085. **D. Laciniatus, Fl. Pl. (Double Fringed Japan Pink.)** Large, double, showy flowers, with fringed edges, various colors and beautifully striped. Pkt., 5c.; oz., 50c.
 1092. **Mourning Cloak.** Rich blackish velvety crimson, margined with pure white. Pkt., 5c.



DIANTHUS "NEW HYBRIDS." Pkt., 10c.

SINGLE ANNUAL VARIETIES

1094. **Dianthus Laciniatus Nansu "New Hybrids."** This is a grand new strain of the annual Pinks, with lacinated or fringed petals. The flowers vary in shade from white to deep rose and even to purplish red, are all tinged more or less with bright salmony red or salmony scarlet. The plants grow only about 10 inches high, and are remarkable for their free flowering character. Price, 10c. per pkt.

1086. **Crimson Belle.** Magnificent large, single fringed flowers of lustrous velvety crimson. Pkt., 5c.

1087. **Eastern Queen.** Immense single flowers, beautifully fringed, marbled and suffused with carmine, rose, mauve and lilac. Pkt., 5c.

1088. **Snowflake.** Snow-white; exquisitely fringed. Pkt., 5c.

1089. **Laciniatus, Mixed Colors.** Single fringed. Pkt., 5c.; oz., 40c.

1090. **Heddewigii, Mixed Colors.** Single Japan Pinks. A magnificent strain, the flowers averaging 2 to 3 inches across, of many exquisite colors. Pkt., 5c.; oz., 40c.

1093. **Salmon Queen.** A new variety, of a most brilliant salmon color. Pkt., 10c.

HARDY PERENNIAL VARIETIES

1082. **Dianthus Plumarius (Pheasant Eye).** A beautiful, single, hardy pink, with fringed-edged white flowers, with a dark centre. Pkt., 5c.; oz., 20c.

1083. **Plumarius, Fl. Pl.** Double and semi-double varieties in beautiful colors. Pkt., 10c.

1091. **Fine Garden, or Clove-scented Pinks (Hortensis Varieties).** Beautiful double mixed colors. Pkt., 10c.



FOXGLOVE.

DIGITALIS OR FOXGLOVE

Beautiful, hardy perennials of easy culture. Long spikes of showy flowers, many beautifully spotted; height, 3 to 5 feet.

1120. **Mixed Colors.** Pkt., 5c.
1121. **Gloxiniæ**
Flora. Gloxinia-shaped flowers, a lovely type. Pkt., 5c.

DOLICHOS—PURPLE SOUDAN

No. 1125. A very curious and highly decorative climber. The twining stems are of an intense purple color, and the beautiful sweet-pea-like flowers are produced during the entire summer. They are white and rose in color contrasting strikingly with

the dark foliage. Following the flowers there come beautiful, glossy, dark-red seed pods. These are very freely produced, and are a great ornament to the plant. Useful for covering porches, trellises, etc. Pkt., 5c.



EDELWEISS.

THE GENUINE EDELWEISS or Sunflower of Switzerland

No. 1190. There is a world of poetry connected with this charming flower, to obtain which many travelers have sacrificed their lives. It blooms right through the snow, and when cut lasts for years. The flowers are rare and beautiful, as white as snow and as soft as velvet, growing sometimes 30 on one plant, with grayish-white foliage in spreading rosette. Naturally as hardy as a rock, they grow in any way, on sandy moist soil, gritty and well drained, or on raised rockwork, and even as a border plant, in chalky open soil. Lasting for years in beauty, it will certainly prove a wonderful attraction. Price, per pkt., 20c.

ESCHSCHOLTZIA or California Poppies

A beautiful annual of easy culture. Bloom soon after spring-sown seed and continue until late in the autumn. Height, 1 foot.

1180. **California.** Yellow and Orange. Pkt., 5c.
1181. **Rose Cardinal.** Rich rosy purple. Pkt., 5c.
1182. **Single Mixed.** All colors. Pkt., 5c.
1184. **Double Mixed.** All colors. Pkt., 5c.

EVENING PRIMROSE(E*noth*era)

2260. Delicate pale yellow flowers. Pkt., 5c.

EVERLASTING FLOWERS

These are very popular and desirable for winter decorations, bouquets, wreaths, etc. They should be cut when they come into full bloom, tied into bunches and dried in the shade, with their heads downward.

1240. **Acroclinium Roseum, Fl. Pl.** Bright rose, double. Pkt., 5c.
1241. **Ammobium Alatum Grandiflorum.** A leading everlasting; flowers very large and pure white color. Pkt., 5c.

EVERLASTING FLOWERS (Continued)

1242. **Gomphrena, Mixed (Bachelor's Buttons).** Pure white, crimson, orange and variegated colors. Pkt., 5c.
1243. **Helipterum Humboldianum (Sanfordi).** Large clusters of bright golden yellow flowers. Pkt., 5c.
1244. **Helichrysum, Finest Mixed.** Large, beautiful, very double, white, yellow, scarlet. Pkt., 5c.
1245. **Rhodanthe, Finest Mixed.** Very rich colors of rose, crimson, purple, carmine and white. Pkt., 5c.
1246. **Xeranthemum.** Leaves silvery, brilliant colors of purple, rose and white flowers; 2 ft. Pkt., 5c.



GAILLARDIAS.

GAILLARDIA

Beautiful annuals for the flower garden. Very effective grown in masses. Large flowers produced from early summer till frost. 1 to 2 feet high.

1300. **G. Picta Lorenziana.** Sulphur, golden, bright yellow, orange, claret and amaranth. Pkt., 5c.
1301. **G. Picta Grandiflora.** Large flowers of rich crimson and yellow. Pkt., 5c.
1302. **Picta Nana (Painted Lady).** Showy crimson, bordered with yellow. Pkt., 5c.

GERANIUM

Although perennials, they will produce nice bushy plants and flower from seed the same season.

1320. **G. Zonale, Mixed.** Pkt., 10c.
1321. **Apple-Scented.** Very fragrant. Pkt., 10c.



GLOXINIA.

GLOXINIA

Charming greenhouse plants. Flowers of most exquisite and gorgeous colors, beautifully spotted, mottled and blended. Sow in March.

1380. **Grandiflora.** Choice mixed sorts. Pkt., 25c.

GODETIA

Exceedingly handsome and showy annuals, of dwarf, compact growth, about 1 foot high, bearing freely large flowers 3 to 4 inches across, of exquisite colors and shades that glisten in the sunlight like satin. (See cut.)

1400. **Lady Satin Rose.** Crimson, tinged, pale lilac. Pkt., 5c.
1401. **Bijou.** Dwarf, white flowers, with carmine spot on each petal. Pkt., 5c.
1403. **Lady Albemarle.** Large crimson rose. Pkt., 5c.
1402. **Choice Mixed Varieties.** Pkt., 5c.; oz., 20c.

GOURDS

Mixed Ornamental. A choice assortment. Pkt., 10c.; 3 pkts., 25c.

For other varieties of Gourds, see vegetable list, page 32.

GRASSES (ORNAMENTAL)

1443. **Coix Lachryma (Job's Tears).** 2 ft. Pkt., 5c.
1444. **Erianthus Ravennæ.** Very ornamental; 10 ft. Pkt., 5c.
1445. **Gynerium Argenteum (Pampas Grass).** 10 ft. Pkt., 5c.

PURPLE FOUNTAIN GRASS
(*Pennisetum Ruppelianum*)

1451. Decidedly the most ornamental decorative grass ever introduced, and will be found as useful for room, hall or table decoration as many a palm. Fine purple plumes a foot long. Pkt., 10c.

GREVILLEA ROBUSTA

1460. (*Silk Oak*.) Beautiful and graceful fern-leaved foliage plant. Pkt., 10c.

GYPSOPHILA

Dainty free flowering plants of easy culture. Fine for mixing in bouquets, giving them an airy-fairy look that is charming; 1½ feet high.

1480. **Elegans.** Star-shaped, white and pink flowers. Pkt., 5c.

1481. **Paniculata.** Produces numerous panicles of small, white, handsome flowers; fine for bouquets. Pkt., 5c.

HELIANTHUS (*See Sunflower*)

HELIOTROPE

Deliciously fragrant flowering plants, 1 to 2 feet high. Favorites for pot culture in winter and bedding in summer.

1520. **Finest Mixed.** Pkt., 5c.

1521. **King of the Blacks.** Rich purple. Pkt., 10c.

1522. **Lemoine's Giant Hybrids.** Immense clusters; very fragrant. Pkt., 10c.



HELIOTROPE—LEMOINE'S GIANT HYBRIDS.

HOLLYHOCK

Grand summer and autumn flowering plants. Old inhabitants of our garden, but marvelously improved of late years both in doubleness and enlarged size.

Chaters. Prize Double, Red, Pkt., 10c.

- 1562. " " " Pink, Pkt., 10c.
- 1560. " " " White, Pkt., 10c.
- 1561. " " " Yellow, Pkt., 10c.
- 1558. " " " Salmon, Pkt., 10c.
- 1559. " " " Crimson, Pkt., 10c.
- 1563. " " " Mixed, Pkt., 10c.

New Mammoth Flowering "Allegheny Hollyhocks"

1564. The flowers of this new variety are so different from the old conventional ones that but for the similar habit of the plant it would not be taken for a Hollyhock.

They are from 4 to 6 inches in diameter, ranging from semi-double to double, and finely fringed and curled.

The colors are shell pink, rose and ruby red, a shade or two deeper at the centre, and exquisitely tinted towards the edge. Price, per pkt., 10c.; 3 pkts., 25c.

HUMULUS JAPONICUS OR JAPANESE HOP

1620. Very ornamental and fast growing annual climber from Japan. Pkt., 5c.

1621. **Humulus Japonicus Variegatus.** A beautiful variety with variegated foliage, resisting heat and the ravages of insects. Pkt., 10c.

KENILWORTH IVY

1780. A very neat climber, clings to walls and is a valuable plant for hanging-baskets, vases, etc. Pkt., 10c.

LANTANA

1720. Rapid-growing, constant-blooming, tender perennial plants for pot culture in the winter or garden decoration in the summer; clusters of orange, white, pink, etc.; mixed colors; 1 to 3 feet. Pkt., 10c.



HUMULUS OR JAP HOP.

LARKSPUR

Quick-growing, free-flowering annuals.

1065. **Dwarf German Rocket.** Hyacinth-flowered Larkspur; mixed. Pkt., 5c.

1063. **Emperor Larkspur.** Has beautiful, long spikes of brilliant dark blue, tricolor and red striped; double flowers. Pkt., 5c.

LATHYRUS

Everlasting or Hardy Sweet Peas. Hardy climbers, growing 6 to 8 feet high when trained on a trellis. The flowers are borne in large clusters, but have no fragrance, a beautiful plant.

1740. **Latifolius Red.** A handsome free-flowering plant; useful for covering trellises, old stumps, fences, etc. Flowers a beautiful scarlet. Pkt., 10c.

1741. **Latifolius Albus.** Large clusters of pure white; grand, hardy, low climber. Pkt., 10c.

1742. **Splendens.** A fine novelty from California, bearing dense clusters of brilliant deep rose flowers. Pkt., 10c.

No. 1743. **Pink Beauty.** We have here an entirely new variety, the color of which is a delicately shaded pink on the standard, the lacing on the edge being paler than the centre; the wings are deeper pink, of a very rich shade, giving it a very striking appearance. Price, pkt., 5c.; per oz., 20c.

No. 1744. **Everlasting Pea—Crimson.** Pkt., 5c.



LARKSPUR.

LOBELIA (*Compacta Varieties*)

Compact plants, 4 to 6 inches high, forming little mounds of bloom.

1840. **Crystal Palace.** Rich blue. Pkt., 10c.

1845. **Mixed Compact Varieties.** Pkt., 5c.

Erinus, or Trailing Varieties.

Useful for vases or hanging baskets or rockeries.

1844. **Mixed, Trailing Varieties.** Pkt., 5c.



LOBELIA.

LYCHNIS

1900. **Chalcedonica.** The old garden favorite; very hardy, brilliant scarlet flower; deserves a place in every garden. Pkt., 5c.

MARIGOLD

Well-known annuals, very free flowering and easy culture. The African varieties have large, yellow or orange-colored flowers, and are adapted to large beds. The French are dwarfier in growth, with beautiful striped flowers, and are better suited to pot culture.

AFRICAN VARIETIES

1941. **EL DORADO.** Flowers 3 to 4 inches in diameter, perfectly and extremely double. Every shade. Pkt., 5c.
1943. **LARGE AFRICAN.** Very large; orange, brown and yellow. Oz., 15c.; pkt., 5c.

FRENCH VARIETIES

1940. **GOLD STRIPED.** Double dwarf, brownish red, striped golden yellow. Pkt., 5c.

1942. **DWARF FRENCH MIXED.** Oz., 15c.; pkt., 5c.

1944. **LITTLE BROWNIE** (*Legion d'Honneur*). Charming, compact little bushes. Flowers single, golden yellow, with large spot of crimson velvet. Pkt., 10c.

1939. **GOLD RING.** This charming variety is a fine match to the old "Legion of Honor" in growth, height and free flowering. In color it is a dark velvety brown,



MARIGOLD.

each petal gracefully surrounded with a distinct gold ring. The compact, bushy plant blooms with a richness and constancy that is surprising. Pkt., 10c.; 3 pkts., 25c.

MARVEL OF PERU (*Mirabilis*)

(*Four-o'clocks*)

The Marvel of Peru, or Four-o'clocks, is a pretty, free-flowering annual of easy culture, that grows and flowers in almost any location.

1960. **Mixed Choice Colors.** Pkt., 5c.; oz., 15c.
1961. **White Tom Thumb.** Only growing 10 inches high. Snow-white flowers. Pkt., 5c.

MESEMBRYANTHEMUM

2000. **M. Crystallinum** (*Ice Plant*). Flowers white, with ice-like foliage. Pkt., 5c.

MIGNONETTE (*Reseda*)

This deliciously fragrant annual is a favorite with all. It does best in a cool situation.

2020. **Sweet Scented.** Oz., 10c.; pkt., 5c.
2022. **Golden Queen.** Golden yellow. Pkt., 5c.

2024. **Machet.** Very compact; fine for pot culture; red. Oz., 60c.; pkt., 10c.

2025. **Gabrielle.** Large spikes of red flowers, very fragrant; fine for pot culture. Pkt., 10c.

2026. **Miles' Hybrid Spiral.** Pure white. Pkt., 5c.

2027. **Giant White Spiral.** Oz., 25c.; pkt., 5c.

2028. **Red Victoria.** Dwarf, branching habit, very sweet red flowers. Pkt., 10c.

2029. **Allen's Defiance.** Immense spikes, 12 to 15 inches long; very fragrant. Pkt., 10c.

MIMULUS (*Monkey Flower*)

Admirable for pot plants; colors and markings of the flowers are very rich and beautiful. Annuals of low spreading growth.

2060. **Moschatus** (*Musk Plant*). Beautiful yellow flowers. Pkt., 5c.

MOMORDICA

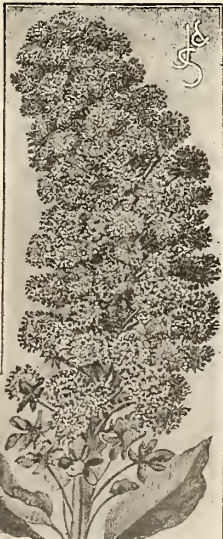
BALSAMINA

2090. (*Balsam Apple*). Pkt., 5c.; oz., 20c.

MOMORDICA

CHARANTIA

2091. (*Balsam Pear*). Pkt., 5c.; oz., 20c.



MIGNONETTE.

MOONFLOWER (*Ipomaea Grandiflora Noctiflora*)

1664. **The White-seeded Moonflower.** No one who has a trellis or arbor to cover should neglect to plant **The Moonflower**—the most rapid-growing of all annual climbing vines. The vines are literally covered with thousands of immense, pure white, fragrant flowers, opening in the evening and remaining open until noon the following day, and if cloudy, all day, many of them measuring *over seven inches across*. Planted in rich ground, in a sunny situation, and given plenty of water, the vines attain a height of seventy-five feet. Pkt., 10c.

Plants of above, 10c. each (by mail, 15c.).



IMPERIAL JAPANESE MORNING GLORY.

IMPERIAL JAPANESE MORNING GLORIES

925. The surpassing charm of these **Imperial Japanese Morning Glories** lies in the entrancing beauty and gigantic size of the flowers; they measure from four to six inches across. The colors of the flowers, shadings and markings are limitless. Pkt., 10c.; 3 pkts., 25c.

920. **Tricolor Roseus.** Rose color, with white centre and bands of golden yellow. Pkt., 5c.

921. **Major, Mixed.** Common Morning Glory. Oz., 15c.; pkt., 5c.

DWARF MORNING GLORIES

922. **Mauritanicus.** Trailing plant for baskets; blue. Pkt., 10c.

924. **Minor, Mixed.** Pkt., 5c.

MYOSOTIS (*Forget-Me-Nots*)

The popular "Forget-Me-Nots." Bushy plants, 6 to 10 inches high, bearing clusters of lovely small flowers. They are perennials and hardy enough to remain in the open ground excepting in very cold latitudes, where they should be well protected; but they are generally sown in the fall and wintered over in cold frames, when they will flower early in the spring; if sown early in the house, they will flower the first season.

2100. **Palustris.** The true Forget-Me-Not; beautiful blue. Pkt., 5c.

2102. **Disitiflora.** Large, blue flowers, compact and very early. Pkt., 10c.

ALPESTRIS VARIETIES

2103. **Victoria.** Of bushy habit; large, bright azure blue flowers; very fine. Pkt., 10c.

	PER PKT.
2101. Pure white	\$0 05
2104. Alpestris, blue	05
2107. " mixed	05
2105. " rose	05

"OBELISK" VARIETIES.

These are an upright, pillar form, 10 to 12 inches high and very floriferous.

	PER PKT.
2108. Obelisk, blue	\$0 10
2109. " pink	10
2110. " white	10



PANSIES

JOHNSON & STOKES' KINGLY COLLECTION

2299. This superb collection cannot be surpassed for size, shape, markings or richness of color of the flowers. No pains are spared to make this strain absolute perfection in form, firmness of texture, size and freedom of bloom, and elegance and variety of markings and colorings. Price, 25c. per pkt.; \$1.00 per 1/2 oz.

2281. **Bugnot's Large Stained.** Mixed colors. A celebrated French strain; very large. Pkt., 20c.

2294. **Cassier's Five Blotched.** Round flowers of great substance; each petal finely blotched. Pkt., 20c.

2273. **Masterpiece.** The chief peculiarity of this grand new Pansy is that the border or edge of each petal is frilled and curled. The flowers are large, borne very freely well above the plant. Price, per pkt., 15c.; 2 pkts., 25c.

2279. **Odier Blotched.** Rich colors. Pkt., 10c.

2276. **English Show Mixture.** Pkt., 10c.

- | | | | | |
|--|-----------------------------|-----------------------------------|-------|--------|
| 2308. Azure Blue, very fine | | | Pkt., | \$0 05 |
| 2261. Belgian Striped | | | | 10 |
| 2286. Black . . . Pkt., \$0 05 | 2306. Mahogany | | | 5 |
| 2274. Bronze | 5 | 2297. White | | 5 |
| 2303. Blue | 5 | 2298. Yellow | | 5 |
| 2262. Emperor Frederick (New), dark red | | | | 10 |
| 2275. Emperor William, ultramarine blue | | | | 10 |
| 2277. Fire Dragon, fiery orange and bronze | | | | 10 |
| 2288. Giant White, Pkt., \$0 10 | 2291. Giant Black | | | 10 |
| 2289. Giant Yellow | 10 | 2290. Giant Azure Blue, | | 10 |
| 2263. Giant Black-Blue, | 10 | 2292. Giant Striped | | 10 |
| 2309. Madame Perret (grown by Lucien Perret, the introducer), a magnificent giant strain of rare excellence, very early, vigorous and rich combination of colors | | | | 20 |
| 2282. Improved Giant Trimardeau, mixed | | | | 10 |
| 2278. Lord Beaconsfield, deep purple violet | | | | 10 |
| 2264. Meteor (New), bright brown | | | | 10 |
| 2265. Peacock, ultramarine blue, deep claret and white, | | | | 10 |
| 2283. Prince Bismarck, beautiful golden bronze | | | | 10 |
| 2284. Quadricolor, or Pheasant's Eye (Rainbow) | | | | 10 |
| 2266. Red Victoria (New), very fine | | | | 10 |
| 2285. Snow Queen, satiny white | | | | 10 |
| 2287. Striped and Mottled, large flowered | | | | 10 |

NASTURTIUMS

Tom Thumb, Dwarf or Bedding Varieties

- | | | |
|--|--------|--------|
| 2146. Aurora. Salmon-rose, mottled | OZ. | PKT. |
| 2131. Bronze Color. A coppery bronze | \$0 15 | \$0 05 |
| 2132. Chameleon. Crimson bronze and yellow | 15 | 5 |
| 2133. Cœrulea Rosea. Rose, tinged purple | 15 | 5 |
| 2134. Crystal Palace Gem. Sulphur, spotted maroon | 15 | 5 |
| 2143. Empress of India. Brilliant crimson, | 15 | 5 |
| 2135. Golden King. Grand flowers, 3 inches across; deep golden yellow, maroon blotches, | 15 | 5 |
| 2136. King of Tom Thumbs. Crimson | 15 | 5 |
| 2144. King Theodore. Dark scarlet maroon, | 15 | 5 |
| 2145. Lady Bird. Orange-yellow, red spots | 15 | 5 |
| 2130. Prince Henry. Cream color, spotted scarlet and tipped with wine-red | 15 | 5 |
| 2142. Pearl. White | 15 | 5 |
| 2140. Scarlet | 15 | 5 |
| 2141. Yellow | 15 | 5 |
| 2147. Mixed Tom Thumbs. 1/4 lb., 30c. | 15 | 5 |

TALL OR CLIMBING VARIETIES

- | |
|--|
| 2137. Hemisphœricum. Yellow, with rosy scarlet blotches, fine foliage. Oz., 15c.; pkt., 5c. |
| 2138. Regelianum. Violet ruby. Oz., 15c.; pkt., 5c. |
| 2139. Von Moltke. Ruby rose. Oz., 15c.; pkt., 5c. |
| 2153. Nigro Purpureum. Maroon. Oz., 15c.; pkt., 5c. |
| 2154. Orange. Oz., 15c.; pkt., 5c. |
| 2155. Scarlet. Oz., 15c.; pkt., 5c. |
| 2156. Tall Mixed Sorts. Oz., 15c.; pkt., 5c. |

NEW HYBRIDS OF MADAME GUNTER

2157. A new section, distinguished by dark-colored foliage and flowers of immense size and richness and variety of coloring. Per oz., 15c.; pkt., 5c.

LOBB'S TRAILING NASTURTIUM

- | |
|--|
| 2148. Asa Grey. Cream, blotched crimson. Pkt., 5c. |
| 2149. Napoleon III. Yellow striped, scarlet. Pkt., 5c. |
| 2150. Roi des Noirs. Almost black. Pkt., 5c. |
| 2151. Spitfire. Fiery red. Pkt., 5c. |
| 2152. Lobb's Nasturtiums, Mixed. Pkt., 5c.; oz., 15c. |
| 2153. Princess Victoria Louise. Creamy-white, with conspicuous orange-scarlet blotches and spur. One of the finest. Pkt., 5c. |
| 2159. Giant of Battles. Sulphur, with red blotches; very free-flowering. Pkt., 5c.; oz., 20c. |

HOW TO GROW PANSIES

The seed can be sown from August to March. The best plants and largest flowers can be obtained from seed sown in August, September or October in a cold frame with a southern aspect. Plenty of air and light is essential. During mild weather sashes should be removed. The plants from spring sowing should be planted in shady border. Pansies require fresh soil enriched with decomposed manure.



CLIMBING AND DWARF NASTURTIUMS.

Petunia

For outdoor decoration or house culture few plants equal the Petunia in effectiveness. They commence flowering early and continue a sheet of bloom throughout the whole season until killed by frost; easily cultivated, only requiring a rich soil and a sunny position.



PETUNIA "GIANTS OF CALIFORNIA." PKT., 20c.

SINGLE PETUNIAS (FOR BEDDING)

2340. **Dwarf Inimitable.** Dwarf plants, 6 to 8 inches high, flowers cherry red, with a white centre; splendid for edgings, massing, etc. Pkt., 10c.
2341. **Striped and Blotched.** Extra strain. Pkt., 5c.
2342. **Alba.** White; suitable for cemetery. Pkt., 5c.
2343. **Choice Single Mixed.** 1/4 oz., 20c.; pkt., 5c.
2354. **"Snowball."** A new very dwarf Petunia. Its well-shaped, beautiful satiny white flowers cover the whole plant with one mass of bloom. Admirably adapted for bedding or pot culture. Price, per pkt., 10c.

SINGLE LARGE FLOWERING PETUNIAS

2345. **Grandiflora Venosa.** Large flowering, finest shade of color, beautifully veined. Pkt., 10c.
2346. **Grandiflora Fimbriata.** A fine strain, with handsomely frilled and fringed flowers. Pkt., 20c.
2347. **Yellow Throated.** The flowers are very large and of perfect form, with a broad, deep yellow throat. Pkt., 20c.
2348. **"Giants of California."** A California strain of incomparable beauty, size and luxuriance. The flowers are exquisitely ruffled or fringed on the edges, and are enormous. (See cut.) Pkt., 20c.

NEW GIANT FRINGED BLUE PETUNIA

Petunia hybrida grandiflora fimbriata caerulea.

2349. An enormously large, deeply cut and finely fringed Petunia of an exquisitely delicate steel-blue color, beautifully veined. Free flowering and very desirable in every way. Price, per pkt., 15c.

DOUBLE FLOWERING PETUNIA

2351. **Double Mixed.** Best large flowering double, in finest mixture. Pkt., 25c.
2352. **Extra Large Flowering, Double Fringed.** This extra choice strain produces about 30 per cent. of splendid double fringed flowers. Pkt., 35c.



PHLOX DRUMMONDI.

Phlox Drummondii

For beds and massing nothing can surpass these beautiful annuals. They produce immense trusses of large, brilliant flowers of numberless hues throughout the summer. Hardy annual; 1 1/2 feet.

2360. **Phlox Drummondii, Mixed Colors.** Pkt., 5c.; oz., 50c.
2371. **Large Flowering, Mixed.** Pkt., 10c.; oz., 75c.
2376. **New Dwarf Large Flowering, Mixed.** Splendid for pot culture and ribbon bedding. Pkt., 10c.
2367. **Star of Quedlinburg.** The flowers of this striking novelty have a most distinct and star-like appearance. Pkt., 10c.; 3 pkts., 25c.
2366. **Hardy Perennial Phlox.** Fine mixed varieties. Pkt., 10c.

POPPIES—SINGLE ANNUAL VARIETIES

2379. **Danebrog.** Very showy variety; large, single flowers of brilliant scarlet, with a silvery white spot on each petal, thus forming a white cross. Pkt., 5c.
2380. **Umbrosom.** Richest vermilion, with a deep shining black spot on each petal, thus forming a black cross. Pkt., 5c.
2383. **Shirley.** These charming Poppies range in color, extending from pure white through the most delicate shades of pale pink, rose and carmine to deepest crimson. Pkt., 5c.

2388. **Tulip Poppy** (*Papaver glaucum*). The plants grow about 14 inches high and produce from 50 to 60 large flowers of dazzling scarlet. Pkt., 10c.

2389. **Fire Dragon.** Flowers of brilliant deep scarlet, with black spots margined white; 2 to 2 1/2 feet. Pkt., 5c.

2385. **The Bride.** A beautiful variety, with very large, pure white, perfectly formed flowers. If cut when barely expanded and put in water, they will last a long time. Pkt., 10c.

2391. **Single Mixed.** Annual sorts. Pkt., 5c.



SINGLE POPPY.

DOUBLE ANNUAL POPPIES

2384. **SNOWDRIFT.** Pure snowy white, extremely double flowers, of perfect form and large size. Pkt., 5c.
2387. **P. NEW WHITE SWAN.** Immense size, very double, with beautifully laciniated petals and of the purest possible white. Pkt., 5c.
2381. **Mikado.** Brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum. Pkt., 5c.
2382. **Carnation-Flowered.** Splendid, double fringed flowers, mixed colors. Pkt., 5c.; oz., 20c.
2390. **Pæony-Flowered.** Large, showy, double globular flowers, mixed colors. Pkt., 5c.

HARDY PERENNIAL POPPIES

2386. **Orientele.** Gorgeous summer-flowering plants, producing in abundance deep crimson flowers five or six inches across. Pkt., 10c.
2392. **Orientele Hybrids.** Beautiful new hybrids of the Oriental Poppy, producing flowers 6 inches and over in diameter, and of many novel colors, such as salmon and cherry. Pkt., 15c.



BED SINGLE PORTULACA.

PORTULACA

Brilliant dwarf annuals, blooming profusely from early summer to autumn. For low beds and masses of color they are very desirable.

2400. **Finest Single, Mixed.** A large variety, of the most brilliant colors. Pkt., 5c.; oz., 30c.

2401. **Double Rose-Flowered, Mixed.** The most brilliant shades and choice flowers. Pkt., 10c.

PRIMULA

This beautiful flowering plant is indispensable for winter decoration in the home or conservatory. Our seed is very choice, being saved from the best English strains. Sow in March, April or May.

Single Primula

2420. *Sinensis Fimbriata.* Fringed varieties. Very choice, mixed. Pkt., 20c.

2432. **J. & S. Choicest Prize Mixed.**

This mixture contains, besides all the above-named varieties, a number of other colors, selected from the best strains of American, French, English and German growers, and we know it will give entire satisfaction. Pkt., 30c.

PRIMULA FORBESI (or Baby Primrose)

2423. This is the freest flowering Primula we know of. The seed comes up very readily, and the little plants throw up

tiny flower stalks when only a few weeks old. These, however, should be pinched off, and the plants kept growing until October, when the flowers may be allowed to develop, and from then on until late in spring they produce their sprays of beautiful rosy lilac flowers in seemingly never-ending profusion. Pkt., 20c.



J. & S. PRIZE PRIMULA.

have the true primrose fragrance.

2436. **Floribunda.** Similar to "Obconica," but the flowers are a beautiful primrose yellow. Pkt., 20c.

2425. **Japonica (Japanese Primrose).** Pkt., 10c.

2426. **Vulgaris.** Yellow English Primrose. Pkt., 5c.

DOUBLE PRIMULA

2421. **Double. Mixed.** Pkt., 35c.

Our Double Primulas bring a large percentage of double flowers.

2424. **Obconica Grandiflora.** A profuse blooming primrose, bearing on long stems heads containing ten to fifteen flowers. The flowers are pure white, shading occasionally to lilac, and Pkt., 10c.; 3 pkts., 25c.

PYRETHRUM (*Feverfew*)

2440. **P. Parthenifolium Aureum (Golden Feather)** A highly ornamental golden yellow foliage plant, unexcelled for bedding. Hardy perennial; 1½ ft. Pkt., 5c.; oz., 50c.

2441. **P. Roseum (Persian Insect Powder Plant).** Hand some aster-like flowers, with pink rays and deep yellow centres; foliage fern-like; most beautifully cut. Pkt., 10c.

RICINUS

(*Castor Oil Plant*)

Large, luxuriant, rapid-growing foliage annuals, with large, handsome metallic leaves. Used for sub-tropical effects on the lawn, or for the taller centres of foliage beds; 6 to 10 feet.

2460. **Gibsoni.** Handsome deep red foliage. Pkt., 5c.

2463. **Mixed.** Many choice sorts. Pkt., 5c.; oz., 15c.

2464. **RICINUS, DUCHESS OF EDINBURGH.** The stem and leaves are of a bright metallic bronze; the large branches of the fruit are of a vivid red. Pkt., 5c.

2465. **Ricinus Zan-zibariensis.** The leaves of this new variety attain a gigantic size, measuring 2 to 2½ ft. across, and include light and dark green and coppery bronze colors. Pkt., 5c.; per oz., 15c.



RICINUS, CASTOR OIL PLANT.

SALVIA, OR SCARLET SAGE

Gorgeous effects can be produced by massing on the lawn or in the garden, or planted in rows along a sunny drive. A perennial, but blooms the first season from seed.

2520. **Splendens.** Scarlet sage. Pkt., 10c.

2521. **Patens.** Blue sage. Pkt., 10c.

NEW SALVIA SPLENDENS, "SILVER SPOT"

2522. The leaves are rich, soft, dark green, with light sulphur or cream-colored spots of various sizes liberally sprinkled over them. The intense bright scarlet flowers are very large, and the plants of neat, compact habit. Seed, per pkt., 10c.

2523. **Clara Bedman, or Bonfire.** Very compact, with long, erect spikes of brilliant scarlet flowers. The finest Salvia ever introduced, and by far the best for bedding and massing on the lawn. Pkt., 10c.



SCARLET SAGE.

SALPIGLOSSIS (*Velvet Flower*)

The flowers are singularly marked and delicately penciled—in shape resembling a Petunia.

2500. **S. Fine, Mixed.** Sky-blue and scarlet flowers, very beautifully penciled. Pkt., 5c.

2501. **SALPIGLOSSIS GRANDIFLORA.** The large-flowering Salpiglossis is one of the most beautiful of flowering annuals. In rich coloring they vie with orchids. Pkt., 5c.

TROPEOLUM CANARIENSE

490. **CANARY BIRD VINE.** A rapid growing, summer-climbing annual, growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary bird with expanded wings. Pkt., 5c.



SWEET PEAS

Sweet Peas are among the most beautiful of all our hardy annuals. Select a sunny, open place, several feet from any building, or close fence, and as far as possible from large trees. Sow as early in the spring as possible. *Do not wait for fair weather.* Plant in double rows 6 inches apart and 4 inches deep, dropping the seed 3 inches apart. Furnish support early. In dry weather water freely and keep the flowers picked closely. If you allow them to produce seed pods the plants will soon stop flowering.

Price per packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 30c.; lb., 50c.

WHITE

2769. **Bride.** Pure white-hooded form.
 2722. **Emily Henderson.** Large, pure white.
 2711. **Mont Blanc (new).** The earliest-flowering white.

YELLOW

2773. **Mrs. Eckford.** A delicate primrose-yellow self.
 2736. **Primrose.** Pale primrose yellow.
 2695. **Queen Victoria.** Light primrose, self-colored.
 2767. **Stella Morse.** Rich primrose, flushed pink.

ORANGE-PINK

2810. **Gorgeous.** Rich glowing scarlet-orange.
 2775. **Lady Mary Currie.** Standard crimson-orange; wings crimson with tint of orange.
 2706. **Lady Penzance.** Orange-pink, wings pure white.
 2714. **Orange Prince.** Orange-salmon, wings pink.
 2771. **Oriental.** Bright orange-pink, heavily veined.

PINK

2681. **Blushing Beauty.** Delicate pink-hooded form.
 2685. **Countess of Aberdeen.** Pink, turning lighter.
 2793. **Countess of Lathom.** Delicate pink self.
 2749. **Crown Jewel.** Standard suffused with rosy violet; wings creamy white, tinted with rose.
 2717. **Hon. F. Bouverie.** Standard and wings both deep pink at base, shading to light pink.
 2750. **Katherine Tracy.** Soft but brilliant pink.
 2797. **Little Dorrit.** Beautiful clear pink.
 2774. **Lovely.** Beautiful soft shell-pink.
 2777. **Modesty.** Most delicate shade of pink.
 2798. **Mrs. Gladstone.** Lovely soft pink.
 2710. **Peach Blossom.** Salmon-pink.
 2732. **Prima Donna.** The softest clear pink self.
 2752. **Royal Robe.** A bright but soft pink self.
 2768. **Sensation.** White, suffused with bluish-pink.
 2737. **Venus.** Soft salmon-buff, shaded with rosy pink.

PINK AND WHITE

2712. **Blanche Ferry.** Pink and white.
 2690. **"Earliest of All."** Pink and white, very early.
 2755. **Extra Early Blanche Ferry.** Pink and white.

ROSE OR DEEP PINK

2730. **Her Majesty.** A most beautiful rose.
 2720. **Lady Skelmersdale.** Standard light carmine, shading to white; wings almost pure white.
 2790. **Majestic (new).** Rich deep rose-pink self.
 2778. **Ovid.** Rose pink margined with deeper rose.
 2766. **Royal Rose.** Standard rose; wings light pink.

ROSE-CRIMSON

2791. **Lord Kenyon (new).** Rose-magenta, flushed crimson.
 2715. **Mrs. Dugdale.** Crimson-rose; self-colored. One of the largest-flowered.
 2675. **Oddity.** Peculiar pale carmine and bright rose.
 2733. **Prince of Wales.** Rose-crimson; self-colored. Flowers extra large.

SCARLET AND CRIMSON

2728. **Fleefly.** Brilliant scarlet.
 2747. **Mars.** Crimson scarlet.
 2772. **Prince Edward of York.** Standard crimson-scarlet; wings crimson. Extra large.
 2688. **Salopian.** The best of the crimson-scarlets.

MAROON

2705. **Black Knight.** Deep maroon; self-colored.
 2713. **Boreatton.** Very dark maroon; self-colored.
 2727. **Duke of Clarence.** Rich deep claret self.
 2670. **Duke of Sutherland.** Claret and indigo-blue.
 2735. **Monarch.** Deep bronzy maroon with blue.
 2721. **Othello.** A very deep glossy maroon self.
 2689. **Shahzada.** Rich dark maroon, shaded purple.
 2753. **Stanley.** Rich dark maroon.

BLUE AND PURPLE

2792. **Captain of the Blues.** Standard purple-blue, wings bright blue.
 2774. **Celestial.** Delicate azure blue.
 2716. **Countess Cadogan.** Standard light bluish purple; wings clear blue.
 2796. **Duke of Westminster.** Standard clear purple; wings purple, with tint of violet.
 2703. **Navy Blue.** Standard indigo and violet; wings indigo, shading to navy blue and bright blue.

PURPLE-MAUVE

2680. **Captivation.** Light purple-magenta.
 2725. **Dorothy Tennant.** Rich rosy mauve self.
 2734. **Emily Eckford.** Rosy mauve, changing to an almost true blue.
 2794. **Fascination (new).** Delicate magenta-mauve.

LAVENDER

2738. **Countess of Radnor.** Pale mauve or lavender.
 2731. **Golden Gate.** Shaded lavender.
 2719. **Lady Grisel Hamilton.** Standard mauve; wings lavender. Flowers extra large.
 2687. **Lady Nina Balfour.** Delicate light lavender.

BLUE OR LAVENDER-EDGED

2723. **Lottie Eckford.** White, shaded and edged with soft lavender.
 2776. **Maid of Honor.** White, edged and shaded with light blue.

VARIEGATED

2677. **America.** Crimson-scarlet, striped on white.
 2748. **Aurora.** Orange-rose, striped on white.
 2746. **Coquette.** Primrose-yellow, shaded pale lavender.
 2686. **Countess of Powis.** Orange-suffused purple.
 2672. **Daybreak.** Crimson-scarlet, on white ground.
 2770. **Dolly Varden.** Purple-magenta, shaded white.
 2674. **Gray Friar.** Beautiful light watered purple on white ground, having a grayish effect.
 2756. **Juanita.** White, striped with pale lavender.
 2673. **Lottie Hutchins.** Cream, flaked with pink.
 2683. **Mikado.** Cerise ground, veined with white stripes.
 2671. **Mrs. Joseph Chamberlain.** White, striped and flaked heavily with pale rose.
 2795. **Pink Friar.** Carmine rose on white ground.
 2678. **Ramona.** Creamy white, splashed with pale pink
 2754. **Waverly.** Standard rosy claret, wings light blue
Price, any of the above choice named sorts, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 30c.; lb., 50c.

J. & S. STANDARD MIXTURE

2700. This is the highest grade mixture that can be made, and our sweet-pea-loving customers can rely upon it producing excellent results. Pkt., 5c.; oz., 8c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

DWARF CUPID SWEET PEAS

The Cupid Sweet Peas should become popular for bedding and borders. They are of true dwarf habit and literally cover themselves with flowers.

2799. **Alice Eckford Cupid.** Flesh pink and white.
 2800. **Beauty Cupid.** Soft rose and carmine.
 2801. **Blanche Ferry Cupid.** Pink and white.
 2802. **Boreatton Cupid.** Rich wine brown.
 2803. **Countess of Radnor Cupid.** Delicate lavender.
 2804. **Firefly Cupid.** Dazzling scarlet.
 2805. **Primrose Cupid.** Rich creamy tint.
 2806. **White Cupid.** Pure white.
 2807. **Mixed Cupids.**
Price of all Cupids, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., postpaid.



SENSITIVE PLANT (*Mimosa*)

2040. A curious plant, leaves close if touched or shaken. Pkt., 5c.

SMILAX

2120. A graceful climber. Largely used for decorations and bouquets. Pkt., 10c.; ¼ oz., 15c.; per oz., 40c.

DWARF LARGE FLOWERING STOCKS

The Dwarf German Ten Weeks Stocks are easily grown and are of great beauty and fragrance.

2660. Blood Red . . .	PKT. \$0 10
2661. Crimson . . .	10
2662. White . . .	10
2663. Pink . . .	10
2663. Blue . . .	10
2665. Mixed . . .	10
2666. Dwarf Wall-	

DWARF LARGE FLOWERING STOCKS. flower Leaved. Mixed. Pkt., 10c.

2667. Snowflake. A fine variety, with very large and double pure white flowers. Pkt., 10c.

2669. Princess Alice (*Cut and Come Again*). A perpetual blooming, double, pure white; excellent for cutting. Pkt., 10c.



SWEET WILLIAM (*Dianthus Barbatus*)

Favorites in every garden. Perfectly hardy and with a rich profusion of bloom. No plant can surpass this old favorite. Height, 1 ft.

2741. Perfection Single Mixed. Pkt., 5c.; oz., 25c.

2740. Double Mixed. Pkt., 10c.

2742. Auricula Flowered. Choice single varieties. Pkt., 5c.

SUNFLOWER (*Helianthus*)—SINGLE VARIETIES

1511. Miniature Sunflower (*Cucumerifolius*). Dwarf branching habit, flowers orange with black centre. Oz., 25c.; pkt., 5c.

DOUBLE VARIETIES

1510. Californicus Plenissimus. Extra large, double saffron-colored flowers. Pkt., 5c.

1512. Globosus Fistulosus (*Dahlia Sunflower*). Flowers very double and of medium size. Pkt., 5c.



THUNBERGIA

(*Black-Eyed Susan*)

A beautiful class of very ornamental climbers, suitable for greenhouse or outdoor culture.

2760. Alba Oculata. White, dark eye. Pkt., 5c.

2761. Aurantiaca. Orange, dark eye. Pkt., 5c.

2762. Bakeri. Pure white. Pkt., 5c.

2763. Fine, Mixed. Choice shades. Pkt., 5c.; oz., 40c.

2764. Alata. Buff, dark eye. Pkt., 5c.

TROPEOLUM

(*Canary Bird Flower*)

490. A rapid growing annual climber. Flowers resemble a bird with expanded wings. Pkt., 5c.



MAMMOTH VERBENAS.

VERBENA

For garden beds or massing the Verbena is unrivaled; 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.

New Mammoth. Our strain of Mammoth Verbenas is unexcelled; flowers of the largest size and brilliant colors.

2810. Mammoth White . . .	} Per pkt., 10c.; per oz., \$1.50.
2811. " Scarlet . . .	
2812. " Pink . . .	
2813. " Purple . . .	
2814. " Striped . . .	
2815. " Mixed. Pkt., 10c.; per oz., \$1.00.	
2825. Fine Mixed. Pkt., 5c.; per oz., 75c.	
2826. Lemon Verbena (<i>Aloysia Citriodora</i>). Pkt., 10c.	

NEW MOSS VERBENA

No. 2827. This new strain of Verbena is not over 6 inches high, but branches out and literally covers the ground. It is smothered with flowers of the true Verbena type all summer long. It is valuable anywhere, but especially so for bedding and edging. Price, per pkt., 10c.

VIOLET (*Viola Odorata*)

A great favorite, much in demand on account of its abundant and fragrant bloom. Hardy perennial; ½ ft.

2860. V. Single White. Sweet scented. Pkt., 10c.

2861. V. Single Blue. Sweet scented. Pkt., 10c.

WALLFLOWER (*Cheiranthus Chert*)

A handsome, popular plant, with massive spikes of fragrant flowers. Hardy perennial; 2 ft.

2900. Wallflower, Double Mixed. Yellow, brown and purple flowers. Pkt., 10c.

2901. Single Mixed. Showy colors. Pkt., 5c.; oz., 25c.

ZINNIA—(*Youth and Old Age*)

The double Zinnia is one of the most brilliant and showy of annuals.



MAMMOTH ZINNIAS.

2941. Mammoth (*Robusta Plenissima*). Very large flowers, perfectly double and of striking colors. Bushy habit. Pkt., 10c.; oz., 40c.

Large Flowering Double Dwarf.

2930. Scarlet. Pkt., 5c.
2931. Orange. Pkt., 5c.
2932. White. Pkt., 5c.
2933. Canary. Pkt., 5c.

2942. Striped Zebra. A superb strain of this very popular flower, the petals being distinctly striped. They run through all shades known to the Zinnia, such as orange, crimson, pink, yellow, rose, violet and white. Pkt., 10c.

2935. Curled and Crested. Large flowers with twisted petals, great range of color. Pkt., 10c.

2939. Dwarf Varieties. Mixed. Oz., 35c.; pkt., 5c.
2940. Tall Varieties. Mixed. Oz., 20c.; pkt., 5c.

SUMMER FLOWERING BULBS

PÆONIES



DOUBLE CHINESE HERBACEOUS PÆONIES

Magnificent and perfectly hardy plants, almost rivaling the rose in brilliancy of color and perfection of bloom. The fragrance of the large flowers resembles that of a highly scented rose.

Separate Colors. Pink, white or red, 20c. each; 4 for 75c.; \$2.00 per dozen, postpaid.

Mixed Colors, embracing many beautiful and various sorts, 15c. each; 4 for 50c.; \$1.40 per dozen, postpaid.

DAHLIAS

Collection of 12 best Dahlias from all classes, comprising the most valuable and comprehensive collection of 12 Dahlias ever offered.

A. D. Livoni. (Show.) Pure, soft pink with quilled petals and full to the centre; an early and profuse bloomer.

American Flag. (Fancy.) Rich cardinal red with white stripe running through the centre of each petal.

Alewine. (Pompon.) White flushed rosy lavender; very fine, on long stems.

C. W. Bruton. (Decorative.) The best yellow; of immense size; perfect form and of the finest canary yellow; a tall, vigorous grower and an extremely profuse bloomer.

Grand Duke Alexis. (Decorative.) A magnificent flower, of largest size and distinctly unique form, with beautifully quilled petals. Color is pure white, tinged delicate lavender-pink.

William Agnew. (Decorative.) Finest red ever introduced; of intense glistening scarlet-crimson; immense size, perfect form and always a mass of color; fine for cutting.

John H. Roach. (Cactus.) A fine, light yellow; of perfect form, with long, incurved, pointed petals, a beautiful flower and always full to the centre.

Matchless. (Cactus.) Large, rich, glistening crimson, shading to dark velvety maroon; an extremely early and profuse bloomer—a grand variety.

Penelope. (Fancy.) Pure white, flaked soft, rosy lavender; of perfect form; beautiful and chased.

Purity. (Show.) A beautiful pure white, of large size; fine form and finish. One of the best.

Queen of Yellows. (Show.) A beautiful clear yellow; large size; fine form; an early and extremely profuse bloomer.

Snowclad. (Pompon.) The best white pompon to date. An early and extremely profuse bloomer.

Price, 15c. each; \$1.50 for set of 12 sorts.

CANNAS

LARGE FLOWERING FRENCH SORTS

PENNSYLVANIA. The most magnificent orchid-flowering Canna to date. Immense flowers of a pure, deep red; a tremendous bloomer, 6 to 7 feet high.

Burbank. A new orchid-flowering sort. Rich canary yellow, fully 7 inches across. 4 feet.

Black Prince. Very dark velvety maroon. Extra large flowers. Very fine. 3 to 4 feet.

Allemania. Orchid-flowering sorts. Very large. 6 feet. Salmon scarlet with broad yellow border.

Philadelphia. The finest crimson Canna to date. 3 feet.

Luray. New clear bright rose pink. Very fine. 4 feet.

Niagara. Rich, deep crimson, with wide golden yellow border. 3 feet.

Egandale. Bronzed-leaved variety; cherry red flowers. 4 feet.

Queen Charlotte. Dwarf compact sort. Red with yellow margin. 2½ feet.

Chas. Henderson. Deep, rich crimson. 3 feet.

Paul Marquant. Deep salmon. 4 feet.

Mlle. Berat. Bright pink. 4 feet.

Robusta. Dark-leaved tall sort for tropical effect. 6 to 7 feet.

Price of each above sorts, 10c. each; 75c. per dozen; \$6.00 per 100.

GLADIOLUS BULBS

Single Bulbs, 5c. each, Postpaid.

"Floracraft Mixture," No. 1. The finest strain of Gladiolus extant. Price, per dozen, by mail, 40c.; per 100, by express, \$1.75; per 1,000, \$11.00.

"Floracraft Mixture," No. 2. Same as above, but smaller bulbs. Per dozen, 30c.; per 100, \$1.25; per 1,000, \$8.00.

"Groff's Hybrids." A mixture of this celebrated hybridist's choicest strains. Per dozen, 60c.; per 100, \$2.50.

GLADIOLUS IN SEPARATE COLORS

	Per Doz.	Per 100.
Shades of Pink Mixed	\$0 35	\$1 75
" " Red	30	1 50
" " Orange and Yellow	50	3 00
" " Striped and Variegated	40	2 75
" " White and Light	35	2 00
Lemoine's Mixed	30	1 50

CALADIUMS (*Elephant's Ears*)

A very effective plant and suitable for either a single plant on the lawn, masses in beds, or for margins of water, its leaves often attaining the length of 3 feet by 20 inches wide. First size, 10c. each; \$1.00 per dozen. Second size, 15c. each; \$1.50 per dozen. Extra large bulbs, 25c. each; \$2.50 per dozen, postpaid.

GLOXINIAS—Giant Flowering

Bloom in six weeks, and are unexcelled in magnificent coloring and blooming qualities, large bulbs. Each, 8c.; per dozen, 75c. Second size, 5c. each; 50c. per dozen.

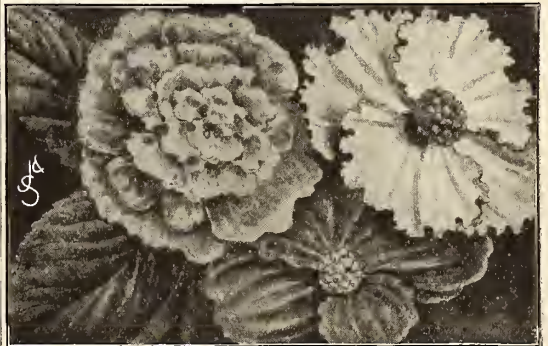
SUMMER-FLOWERING OXALIS

For bordering or margining, nothing can surpass the Summer-flowering Oxalis. The bulbs, when planted about 3 inches apart, produce an unbroken row of elegant foliage and pretty flowers, and as they bloom in a very short time after planting, furnish a neat and attractive border the whole season. Price, per dozen, 10c.; per 100, 50c.

IRIS (*Flower-de-Luce*)

Japanese. Perfectly hardy, beautiful flowers, all colors. Exquisitely mottled and veined. Bloom in July and need a moist, sunny situation. Each, 10c.; \$1.00 per dozen.

German. These rival the orchid in variety of coloring, shape and shading. Perfectly hardy and adapted to all situations. Bloom in June. Each, 10c.; \$1.00 per dozen.



TUBEROUS-ROOTED BEGONIAS.

TUBEROUS BEGONIAS

The tuberosus-rooted Begonias are among the handsomest of our summer-flowering bulbs. They bloom continuously throughout the summer, till frost cuts them. Planted either in the rockery or flower border, they rival the rose with their rich and varied colors, ranging from the most delicate shades of white, yellow and salmon to the most striking crimson and scarlet.

SELECTED BULBS

	Single			Double			
	Each.	Per Doz.	Per 100.	Each.	Per Doz.	Per 100.	
Scarlet . . .	\$0 05	\$0 50	\$3 50	Scarlet . . .	\$0 07	\$0 65	\$5 00
Orange . . .	05	50	3 50	Orange . . .	07	65	5 00
Crimson . . .	05	50	3 50	Crimson . . .	07	65	5 00
Pink	05	50	3 50	Pink	07	65	5 00
White	05	50	3 50	White	07	65	5 00
Yellow	05	50	3 50	Yellow	07	65	5 00
Mixed	05	40	3 50	Mixed	07	60	4 50

TUBEROSES

Deliciously fragrant and beautiful; popular with everybody. We grow them in immense quantities.

Excelsior Pearl. Large No. 1 bulbs. 3 for 10c.; 35c. per dozen, postpaid; \$1.50 per 100.

ROSES

NOTICE.—We send all 1-year roses postpaid; 2-year plants by express at purchaser's expense.

Set of Novelty Roses



NEW NOVELTY ROSE, GENL. GALLIENI.

GENL. GALLIENI. Splendid, large, well-filled flowers, fine, rich, brownish red, very sweet; a healthy, vigorous grower and constant and abundant bloomer.

1-year, 30c., postpaid; 2-year, 50c.

SIR THOMAS LIPTON. Undoubtedly the Finest Pure White Hybrid Rugosa Rose yet produced. A handsome bush covered with very fragrant, perfectly double, snow-white flowers, and bright glossy green leaves.

1-year, 35c., postpaid; 2-year, 50c. and 75c.; 3-year, \$1.50.

THE IDEAL. A magnificent new hybrid tea rose; one of the finest yet produced; resembles La France, but larger, finer and more vigorous.

1-year, 25c., postpaid; express, 50c.

ENCHANTER. Beautiful new hybrid tea; very double and delightfully perfumed; clear China rose with lavender shading; constant bloomer.

1-year, 35c., postpaid; 2-year, 60c.

LADY ROBERTS. A lovely new tea-scented rose of excellent form and substance; reddish-apricot, passing to deep coppery-red; fine.

1-year, 35c., postpaid; 2-year, 60c.

NOVELTY ROSE COLLECTION

One each of the above five lovely sorts for only \$1.25, postpaid; 2-year, \$2.25, by express, at purchaser's expense.

Hardy Memorial Roses

ALBA RUBIFOLIA. The finest hardy Memorial Rose known. The flowers are pure double white and the foliage and young growth bright red. It retains its foliage all winter.

"ROSA WICHURAIANA." Creeps on the ground like ivy. Has dark-green leaves and numberless satiny white flowers, with golden-yellow discs. Specially adapted for use in cemeteries.

DOUBLE PINK MEMORIAL ROSE. Same as the Double White, except in color, which is clear, bright pink.

EVERGREEN GEM. Pretty buff-yellow flowers, 2 or 3 inches in diameter, perfectly double, with a rich Sweet Briar fragrance.

PRICE, HARDY MEMORIAL ROSES

1-year, 15c. each, postpaid; 2-year, by express, at purchaser's expense, 35c. each.

Set of 4, 50c., by mail, postpaid.

Set of 4, 2-year, by express, at purchaser's expense, \$1.00.

Hardy Perpetual Roses

NEW CENTURY. A grand, new, ever-blooming, perfectly hardy rose; flowers very large, perfectly full and double, and borne in clusters. Color is a bright rich carmine rose, with deep red centre, and the petals are bordered with fine creamy white. Is very sweet, with the delightful fragrance of the Sweet Briar.

PAUL NEYRON. One of the grandest and most magnificent hybrid perpetual roses in existence. The flowers are immense size and superb form, very double and of great depth and substance; a good hardy grower; free bloomer.

MADAME MASSON. Splendid, constant-blooming hybrid perpetual rose. Bright rich crimson, large, very full, fragrant flowers. Sturdy grower. A real floral treasure.

PRINCE CAMILLE DE ROHAN. Very dark, velvety crimson, almost black; darkest of all.

MAD. PLANTIER. One of the hardiest and a profuse bloomer. Snow white.

MAGNA CHARTA. Extra large, full flowers of unusual depth and substance; bright rosy pink; very grand, profuse bloomer.

GEN. JACQUEMINOT. Bright, shining crimson, rich and velvety.

COUNTS OF ROSEBERY. Fine carmine red, large and full, finely cupped form; makes a handsome bush.

OAKMONT. Fine peach pink flowers, large and sweet, good bloomer, hardy and productive, always gives satisfaction.

COQUETTE DES BLANCHES. Large, very double pure white flowers; constant bloomer; one of the best.

The above set of Hardy Perpetual Roses is very good. We can give you other varieties if you wish to make a change.

HARDY PERPETUAL ROSES

PRICE: Any of the above, 15c. each, postpaid; 2-year, 35c., by express, at purchaser's expense.

Set of 10—Beauties—\$1.15, postpaid.

Set of 10—2-year-old, by express, at purchaser's expense, \$3.00.

Ever-Blooming Climbing Roses

CLOTILDE SOUPERT (Climbing) New. This is undoubtedly one of the most beautiful and satisfactory of all the hardy Ever blooming Climbing Rose yet introduced. It is similar to the well-known Clotilde Soupert, but the flowers are larger and deeper in color, and the bush is a strong, vigorous climber, which begins to bloom very quickly and continues loaded with lovely buds and flowers all summer and fall until stopped by freezing weather. It is entirely hardy here. It is also free from the attacks of insects, rust and blight. The flowers are borne in clusters and are of large, round, flat form, perfectly full and double and delightfully fragrant. Color beautiful creamy white, finely tinged with amber, deepening at centre to clear bright pink, and sometimes both red and white roses are borne on the same bush.

JAMES SPRUNT. Deep cherry red flowers, rich and velvety, medium size, full, very double and sweet. A strong, quick grower and good bloomer.

REINE MARIE HENRIETTA, or RED FLOWERING GLOIRE DE DIJON. A strong, vigorous grower; flowers large, full and of fine form. Color a pure cherry red, sweet scented. This is planted more largely than any climbing rose, because it gives such universal satisfaction.

"CLIMBING AUGUSTA VICTORIA" (Mrs. Robert Peary). A grand, pure white, hardy, ever-blooming climber. Strong, vigorous grower.

THE EMPRESS OF CHINA is a hardy, perpetual-blooming climbing rose; it resembles a tea rose. The color is soft dark red, passing to light pink or apple blossom.

MARECHAL NEIL (Noisette). A most beautiful large golden yellow rose; very full and double and exceedingly fragrant. It is naturally a climbing rose, and should not be pruned too short.

EVER-BLOOMING CLIMBING COLLECTION

Price, 15c. each, postpaid; 2-year, 35c. by express, at purchaser's expense.

Set of 6 for 65c., postpaid, or 2-year size, by express, at purchaser's expense, \$1.60.

“New” Ever-Blooming Roses

BEAUTY OF ROSEMAWR. An elegant new ever-blooming rose; fine large flowers with overlapping petals and a raised centre; a lovely shade of carmine veined with fine crimson and white markings. 15c., postpaid; 2-year, 35c.

BESSIE BROWN. A lovely new rose, extra large, full and double and delightfully perfumed; healthy, vigorous grower. Constant, profuse bloomer; color, lovely peachy pink, delicately shaded with rose and fawn. 20c., postpaid; 2-year, 40c.

MADDALENA SCALARANDIS. After three years' trial this rose has proved a magnificent variety for beds and borders; is a great favorite with the German gardeners, who value it highly. Flowers somewhat cup-shaped, but large and well filled; color, dark rich pink with yellow ground, very beautiful. 15c. each; 2-year, 35c.

HELEN GOULD. A hardy, ever-blooming hybrid tea rose. Flowers perfectly double and deliciously fragrant; color rich vinous crimson, elegantly shaded and exceedingly beautiful. Price, 20c. each; 2-year size, 40c.

FRANCES E. WILLARD. This pure white, ever-blooming rose is a magnificent variety. Strong, vigorous grower, the flowers so full and double that they resemble a camellia. Price, 15c. each; 2-year size, 35c.

AUGUSTA VICTORIA, NEW HARDY TEA ROSE. This grand new rose is unsurpassed in beauty. Extra large, finely formed flowers, borne singly on strong upright stems; very deep, full and sweet; color pure white, shading to lemon; a free and constant bloomer. 15c. each; 2-year, 35c.

GRUSS AU TEPLITZ. Color when first opening is dark, rich crimson, quickly changing to bright scarlet. Flowers large, full and very handsome. Price, 15c. each; 2-year size, 35c.

MRS. B. R. CANT. A fine new garden rose, very free and strong grower and great bloomer; flowers open bright reddish rose and shade to salmon rose, flowering double and lasting. 15c., postpaid; 2-year, 35c.

SOUV. DE PIERRE NOTTING. Magnificent new tea rose; a seedling of Marechal Niel and Maman Cochet; has beautiful foliage and a strong, sturdy habit of growth; flowers very large, perfectly full and double; makes beautiful long pointed buds, colors bright, distinct and clear, rich orange yellow, dashed and bordered with soft carmine rose, promises to be a most valuable variety. **Has received not less than six Gold Medals and Prizes.** 20c., postpaid; 2-year, 40c.

NEW HARDY TEA ROSE, DAVID PRADEL. This is a grand rose for the garden and lawn and sure to give satisfaction. It is a clean, handsome grower and an early and profuse bloomer; both buds and flowers are extra large and beautiful; color, rich rosy red, elegantly shaded. Very fragrant and first-class in every way. Price, 15c., postpaid; 2-year, 35c.

Set of 10, 1-year, by mail, \$1.25; 2-year, by express, at purchaser's expense, \$3.00.

General Set Ever-Blooming Roses

COQUETTE DE LYON. Lovely canary yellow, immense bloomer, elegant for bedding; bright yellow roses; blooms quickly and profusely the whole season.

ISABELLA SPRUNT. Flowers of bright canary yellow; buds are remarkably fine, a truly splendid rose.

MAMAN COCHET. Well known as a queen among roses. Flowers enormous, very full, rich coral-pink shaded with rose and deliciously sweet.

PEARL RIVERS. Flowers large and full, with peachy-red buds; prevailing color ivory white, petals delicately shaded and bordered with pale rose.

MADAM OLGA. Cream white, clouded with pale carmine; very sweet.

CLOTILDE SOUPERT. Fine for bedding; color, rich creamy white, with pink centre.

MAD. F. KRUGER. Soft rose pink, shaded crimson and amber. Very large and handsome.

QUEEN'S SCARLET. A rich velvety scarlet, very bright and handsome.

CHARLES LA GRADY. A first-class rose of sterling value; makes beautiful buds and large handsome flowers. Color fine chamois-red, passing to violet-crimson; a great bearer.

LUCULLUS, THE BLACK ROSE. Splendid, large, rich crimson, extra full and fragrant, very double and a constant and profuse bloomer. Excellent for bedding and garden culture.

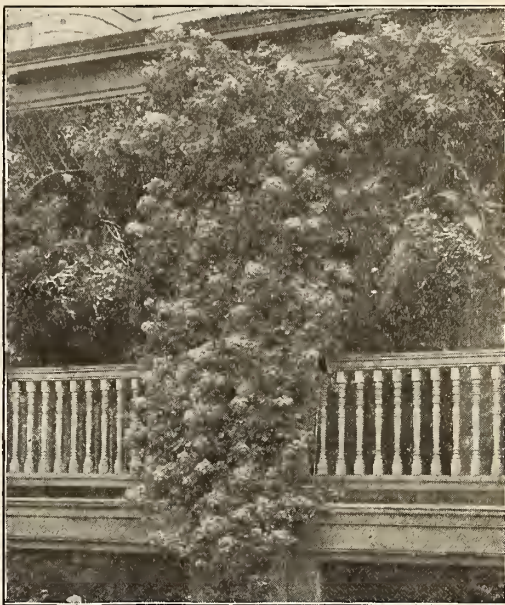
CHARLES ROVOLLI. Always admired for its splendid buds, which are extra large and elegantly formed; color creamy white, tinted with lemon, the centre sometimes rosy blush.

LA FRANCE. Buds and flowers of lovely form and good size; exceedingly sweet; color fine peach blossom, clouded with rosy flesh.

BRIDESMAID. Fine large, full flowers, delightfully tea-scented, clear rose-pink with crimson shading. A good healthy grower; makes elegant buds; one of the best for cut flowers.

Price, 10c. each, or any 6 for 50c., or the set of 13 for \$1.00, postpaid; 2-year-old, 30c. each; any 6 for \$1.50, or 13 for \$3.00, by express, at purchaser's expense.

RAMBLER ROSES



NEW CRIMSON RAMBLER, "PHILADELPHIA."

The New American Crimson Rambler "PHILADELPHIA"

The Philadelphia Crimson Rambler is the product of Crimson Rambler and the splendid hybrid perpetual rose, Victor Hugo, one of the best and most brilliant of the hybrid perpetual class, and it is recommended strongly both for outdoor planting and for forcing.

The "Philadelphia" Crimson Rambler differs from the old variety in three important particulars: (1) The color is brighter, deeper and more intense; (2) the flowers are perfectly double to the centre, very durable and of excellent substance; (3) the blooms are almost entirely free from the faded or washed-out appearance so frequently seen in the flowers of the old kind. It is a good, healthy grower, a free and abundant bloomer, producing grand clusters of intensely brilliant, perfectly double flowers. 20c. each; 2-year, by express, 40c.; 3-year, \$1.00.

DOROTHY PERKINS. This is a splendid new hardy climber, grows 10 to 15 feet in a season, blooms in immense clusters like the Crimson Rambler, but the blooms are more double and of a beautiful shell-pink passing to deep rose; makes large-pointed buds and is a very pleasing and satisfactory rose for general planting. Price, 20c. each; 2-year, 40c.

ELECTRA. A hardy yellow climbing rose has long been greatly desired by rose-lovers everywhere. This one comes highly recommended by the English growers, who claim that it is a strong, rapid grower and very free bloomer, bearing large double yellow roses in great profusion, and **undoubtedly the finest hardy yellow climbing rose yet produced.** Price, 20c. each; 2-year, 40c.

Set of 3 Climbing Roses, as above, 50c., postpaid; 2-year size, \$1.00, by express at purchaser's expense.

CRIMSON RAMBLER. As we become more acquainted with the sterling qualities of this crimson beauty we find we have not praised it to the full measure of its deserts. No garden or yard should be without it. 15c. each; 2-year, 35c.; strong 3-year, 80c.

ROYAL CLUSTER, OR WHITE RAMBLER. This fine new rose is an entirely hardy cluster rose; a strong-growing climber, a most profuse bloomer and the clusters are remarkably large. The color is a rosy white, changing to white. The stamens are prominent and are a bright yellow, a striking feature. 15c. each; 2-year, 35c.; strong 3-year, 80c.

NEW YELLOW RAMBLER (Aglia). An absolutely hardy yellow climbing rose. The blossoms are of moderate size and last three to four weeks without fading, and are frequently borne in clusters of from 120 to 150 flowers. 15c. each; 2-year, 35c.; strong 3-year, 80c.

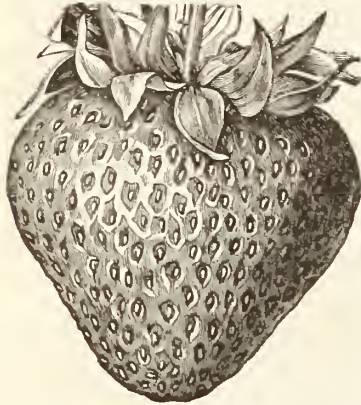
NEW PINK RAMBLER. Color a clear light red, with numerous golden anthers. A very profuse bloomer and vigorous grower. 15c. each; 2-year, 35c.; strong 3-year, 80c.

Set of 4 as above, postpaid, 50c.

" " 4 " " 2-year, \$1.10 } By express, at purchaser's expense.
" " 4 " " 3-year, 2.40 }

A PAGE OF SMALL FRUITS

NEW EARLY BEAUTY STRAWBERRY



The New Early Beauty Strawberry is, without any question, the strongest grower of any berry we ever had any knowledge of. At our Floracraft Gardens the past summer it has entirely covered the ground from spring-set plants that were set out in rows five feet apart. They are very early, the fruit ripening only a couple of days after the "Palmer Very Early," of a good large size, pointed and of delicious flavor.

The berry is a rich glossy red, very handsome and attractive and enormously prolific. It has a vivid green calyx which sets the berry off to perfection. We anticipate that owing to its splendid constitution it will make a very profitable berry for the commercial grower. Don't fail to give it a good trial. Price, postpaid, 50c. per dozen; by express, \$1.50 per 100; \$10.00 per 1,000.

BLACKBERRIES

ELDORADO. New; very hardy; no core. Very sweet, with the flavor of the wild berry. Prolific and of good size. Postpaid, 10c. each; 65c. per dozen; by express, 50c. per dozen; \$3.00 per 100.

ERIE. Hardy; productive; large and of good quality. Postpaid, 10c. each; 65c. per dozen; by express, 50c. per dozen; \$3.00 per 100.

KITTATINNY. Very large, medium to late. Not hardy north of New York City. Postpaid, 10c. each; 65c. per dozen; by express, 50c. per dozen; \$3.00 per 100.

LUCRETIA. The old standard dewberry. Postpaid, 65c. per dozen; by express, 50c. per dozen; \$3.00 per 100; \$18.00 per 1,000.

CURRENTS

NEW "CHAUTAUQUA" CLIMBING CURRANT. Something new and very fine. Can be trained over trellis or fence. Rapid grower and very prolific. Large, dark red fruit, containing little acid and almost seedless. Fine for either preserving or table use. Price, postpaid, \$1.00 each; by express, \$10.00 per dozen.

PRES. WILDER. In size of bunch and berry, color and quality of fruit, the Wilder is much superior to Fay's Prolific. Price, postpaid, \$1.15 per dozen; by express, \$1.00 per dozen; \$8.00 per 100.

CHERRY. Large red; 2-year, postpaid, \$1.15 per dozen; by express, \$1.00 per dozen; \$4.00 per 100; \$35.00 per 1,000.

FAY'S PROLIFIC. 2-year, postpaid, \$1.15 per dozen; by express, \$1.00 per dozen; \$4.00 per 100; \$35.00 per 1,000.

GOOSEBERRIES

INDUSTRY. An English sort. Fruit dark red, large and of good quality. Season early.

DOWNING. Large, light green; suitable for family use or for market. Prices, postpaid, 15c. each; \$1.15 per dozen; by express, \$1.00 per dozen; \$6.00 per 100; \$50.00 per 1,000.

RASPBERRIES

Red Varieties.

MILLER. Large bright red berry, holding size until end of season; does not fade; small core, very firm. Price, postpaid, 45c. per dozen; by express, 30c. per dozen; \$1.50 per 100; \$10.00 per 1,000.

CUTHBERT. The old standard and hard to beat; very productive; a rich red, firm and good quality. Price same as Miller.

A Yellow Raspberry.

GOLDEN QUEEN. Seedling of the Cuthbert. Very productive and hardy; large size, beautiful color and excellent quality. A fine garden berry. Postpaid, 65c. per dozen; by express, 50c. per dozen; \$2.00 per 100; \$15.00 per 1,000.

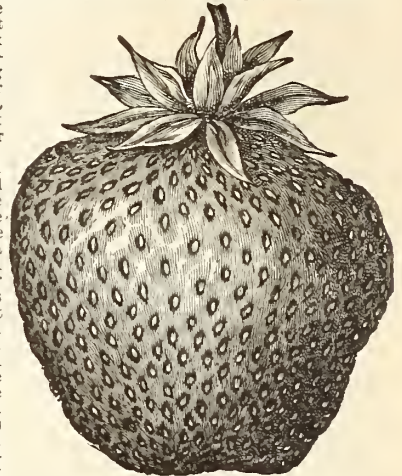
Black Cap Varieties.

CUMBERLAND. The business Black Cap. Fruit very large, wonderfully productive and absolutely hardy. Early. Price, postpaid, 15c. each; 75c. per dozen; by express, 60c. per dozen; \$3.50 per 100; \$30.00 per 1,000.

GREGG. The standard Black Cap. Profitable market sort. Postpaid, 10c. each; 45c. per dozen; by express, 30c. per dozen; \$1.50 per 100; \$10.00 per 1,000.

OOM PAUL STRAWBERRY

The new strawberry, OOM PAUL, is a wonder. Stupendous in size and delicious in flavor, nice shape, elegant color. Shipping the best. The plant is a very rank grower. Another strong point in favor of OOM PAUL is that the last picking never runs small. Very prolific; in shape inclined to Jessie. The berries are giants. Single plants yield a full quart. A record-breaker—six berries filled a quart box, for which \$10.00 was paid at our Field Meeting, June 15, 1901. One hundred and forty quarts were picked from two hundred and eighty OOM PAUL plants at one single picking. Price, postpaid, 50c. per dozen; by express, \$1.25 per 100; \$8.00 per 1,000.



OOM PAUL, BIGGEST OF ALL.

PALMER'S VERY EARLY STRAWBERRY

This berry was originated by Mr. I. S. Palmer, of Northern New York. It proves to be the largest and most beautiful of all early strawberries, perfect bloomer, plants strong and robust, produces two and four fruit stalks to each plant, well filled with large berries. Berries are large, rich, dark, glossy red, perfectly conical, with flesh red all through. Each berry is a fountain of juice. The largest, best shaped and most beautiful extra early berry ever known in production. Ranks with Crescent, Parker, Earl, Glen Mary, Haverland and other great yielders. Ripens fully ten days ahead of Mitchell Early, Johnson Early and Excelsior. Price by mail, postpaid, 50c. per dozen; by express, \$1.25 per 100; \$8.00 per 1,000.

THE MAXIMUS

One of the largest and most beautiful of all Strawberries. Perfect bloomer; plant strong and robust. Produces two and four fruit stalks to a plant, well filled with very large berries. Berries conical, deep glossy scarlet; flesh pink, sometimes white at the centre, very tender, of mild flavor.

GLEN MARY. Very vigorous, perfect blooming plant of Brandywine and Isabel type. Enormously productive of large, bright, deep red berries. Flesh very firm. Light red clear to the centre; sweet, rich and high-flavored; a decidedly good berry in point of plant, yield, fine form, bright color, firmness and good quality.

BISMARCK. Perfect flowering. A new and vigorous seedling of Bubach. Plant vigorous, fruit stalks very heavy. Broad, dark leaves. Moderately productive, but all the berries are large to very large. Light glossy scarlet color.

MARSHALL. (Midseason.) Berries very beautiful and average extraordinarily large—often fourteen will fill a quart measure. For home use it is peerless. The first of the extra large varieties to ripen, and although of great size, the fruit is rarely ever misshapen. Color is a rich glossy crimson admired by all.

BRANDYWINE. (Midseason to very late.) Brandywine is already world-famous; in fact, we doubt if any strawberry ever before has received such enthusiastic praise over so wide an extent of territory. The berries are of large size, glossy scarlet, very firm, solid and shapely, of delightful aroma, rich, juicy and luscious, and wonderfully productive.

"THE GANDY." (Late.) One of the best late strawberries ever introduced. Strictly fancy. The fruits are uniformly large, perfect in form and firm; color, bright crimson and as glossy as if varnished. Quality superb; delightful aroma, suggestive of both strawberries and peaches.

BUBACH No. 5 (P). (Midseason.) A prominent grower says: "If all varieties were culled out but ten, he would place Bubach No. 5 at the head of the list on account of its large, bright berries, immense yield and fine flavor."

PRICES ON THE ABOVE SEVEN VARIETIES

By mail, postpaid, 40c. per dozen; \$1.50 per 100. By express, 25c. per dozen; \$1.00 per 100; \$6.00 per 1,000.

FRUIT AND NUT TREES

APPLES, by express only
 Plant 30 feet apart; 48 trees per acre
SUMMER APPLES



GRAVENSTEIN APPLE.

Starr. Large, pale green fruit. Fruits young. Early; from July to September. Good for eating and cooking.

Mammoth Black Twig. A fine winter apple. Fruit large, deep red; subacid; very highly flavored. Will fruit 2 years after planting.

Yellow Transparent. Skin clear white, changing to pure yellow when fully ripe. Tender, juicy, early.

Hagloe. Large early summer sort; very productive; good cooking apple.

Williams Early Red. Medium summer; large, red, showy; good for eating or cooking.

Red Astrachan. Large crimson; acid; very early; good cooker.

AUTUMN APPLES
Gravenstein. Large, yellow, striped beautiful; tender; sub-acid; good market sort.

Orange Pippin. Golden yellow; good size; profitable.

Maiden Blush. Large, beautiful; blush cheek.

WINTER APPLES
Baldwin. Bright red, crisp, juicy, rich, productive.
Ben Davis. Striped; good late keeper; quality poor.
Newtown Pippin. Greenish yellow; fine quality; good keeper; juicy, crisp, delicious.
Grimes' Golden. Yellow; high quality; rich and tender.

PRICES of any of the above Apples
 35c. each \$3.50 per dozen \$25.00 per 100

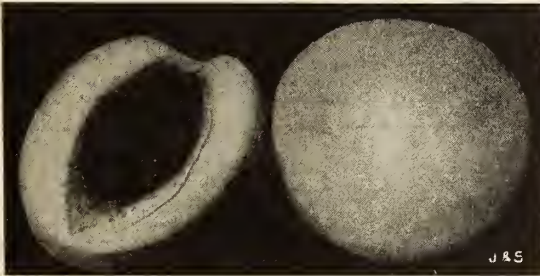
CHERRY TREES, by express only

Black Tartarian. Large, black, sweet and early.
Ox-heart. Large, light, with red cheek; solid, meaty, excellent.

Napoleon Bigarreau. Very large, pale yellow, with bright red cheek. Firm, juicy, good flavor.

Early Richmond. Red pie cherry.
Montmorency. Large, bright red, late. Larger than Early Richmond.

	Each.	Doz.	100
3 to 4 feet	35c.	\$3.50	\$30.00
4 to 6 "	50c.	4.50	40.00



TRIUMPH PEACH.

PEACHES, by express only

Plant 16 feet apart each way; 170 trees per acre.
Sneed. A new early peach; a grand sort. Large, beautiful red on sunny side; flesh white; very sweet and juicy; bears shipping well.

Triumph. The earliest yellow freestone yet introduced. Large size and small pit.

Crosby. Free dwarf. Fruit yellow, streaked crimson, with very small pit. Free.

Wonderful. Large, rich, yellow; a good keeper; very late; freestone.

Mountain Rose. Freestone; pink flesh.
Old Mixon. Creamy white; popular.

Stump the World. White, red cheek.
Crawford's Late. Best late, yellow; free.

Late Heath Cling. Best white cling.

	Each.	Doz.	100
3 to 4 feet	20c.	\$1.75	\$10.00
4 to 6 "	25c.	2.50	12.00

ORNAMENTAL SHADE TREES AND EVERGREENS

Send for our special catalogue of **Ornamental Shade Trees and Evergreens and Hardy Shrubbery, Hedge Plants, etc.**

PEARS, by express only



KEIFFER PEAR.

Plant 15 x 20 feet; 145 trees per acre.

Rossney. A new large pear of good merit. Two weeks after Bartlett, fine grained, melting, juicy and of superior flavor. Skin yellow, with crimson blush.

The Koonce. Very early and fine quality. Yellow, with red cheek; spicy, juicy and sweet, free from blight.

Clapp's Favorite. Large, early; bright yellow.

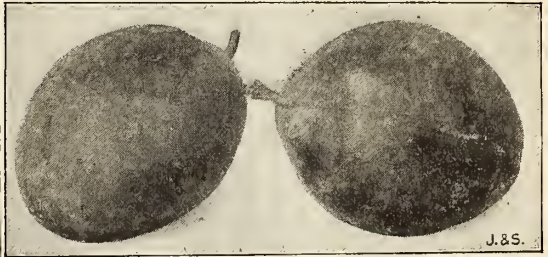
Bartlett. The old favorite.

LeConte. Bell-shaped; pale yellow; good to plant with Keiffer.

Seckel. Small yellowish russet; rich, melting, juicy.

Keiffer. The money-bringer. Very prolific, fine-looking, sells freely. Ripens in October.

Price of above pears:	Each.	Doz.	100
2-year, 4 to 6 feet	35c.	\$3.50	\$25.00
Extra 3-year	50c.	4.50	40.00



ABUNDANCE PLUM.

PLUM TREES

Satsuma. Japanese variety, medium to large in size; color very dark dull red all over, with greenish dots.

Ogon. Golden yellow, good quality, freestone.

Abundance. Rich yellow with blush red cheek. Flesh deep yellow, very prolific.

Burbank. Orange-yellow, overlaid with red. Later than Abundance.

Willard. Earliest plum on the list. Medium size, round, dark red, splashed yellow.

	Each.	Doz.	100
3 to 4 feet	35c.	\$3.50	\$30.00
4 to 6 "	45c.	4.00	35.00

GRAPES

McPike. Wonderful new black grape. Very superior in quality. Perfectly hardy. Earlier than Concord. Bunches large; berries mammoth. Fruit will keep 100 days on the vine in good condition.

Moore's Early. Very early, large black grape; skin thin, flesh sweet.

Concord. The standard black grape. Berries large, skin thin. Tender, juicy, sweet.

Niagara. The favorite white grape. Very prolific. Handsome bunches, good shipper.

Catawba. Dark red, medium-size berry, skin thick, flesh pulpy and of best quality.

Delaware. Small red berry, compact bunches, skin thin, but firm; juicy and very sweet.

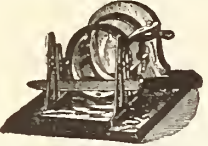
Prices of any of above Grapes:	Each.	Doz.	100
1-year-old	20c.	\$2.00	\$6.00
2- " "	25c.	2.50	7.00

NUT TREES


The culture of nuts has become very profitable, and large orchards are being put out to good purpose.

CHESTNUTS

Alpha. Very early, large size. } \$1.00 each; \$9.00 per
Paragon. Later, large and fine. } dozen; \$40.00 per 100.
Walnuts, Pecans, Shellbarks, Filberts, Almonds,
Butternuts, 50c. each; \$4.00 per dozen.



ASPARAGUS BUNCHER
 Acme \$1.50
 Knife guide extra 40
 Chisel-shaped knife 30




WINE AND BERRY PRESSES
 No. 1, \$3.25
 No. 2, 4.00
 No. 3, 6.50



BUCKEYE CIDER MILLS
 Junior . . . \$12.00
 Medium . . . 16.00
 Senior . . . 20.00




BEE HIVES
 No. 1, set up \$2.85
 Lots of 5 in flat 9.75
 " " " " 18.00
All other Bee Supplies



POULTRY DRINKING FOUNTAINS
 2 quarts . \$0.35
 4 " 50
 8 " 75
Other Styles



CALF FEEDERS
 Small's, price \$2.00
 Extra nipples 25



FUMIGATORS For Smoking Greenhouses
 No. 1 . . \$1.00
 No. 2 . . 1.25
 No. 3 . . 1.75


BUCKEYE CIDER MILLS

BEE HIVES

POULTRY DRINKING FOUNTAINS




CALF WEANERS
 Rice's Very Humane
 No. 1, for Calves . . . \$0.35
 No. 2, for Heifers . . . 50
 No. 3, for Cows—pre-vent sucking . . . 75



GREEN BONE CUTTERS
 Mann's
 No. 5c . . \$6.00
 No. 7 . . 12.00
 No. 9 . . 18.40

Insecticides

Aphis Punk. (Nikoteen.) For fumigating conservatories, rose and carnation houses. 60c. per box of 12 rolls.
Bordeaux Mixture. For black rot, mildew or blight. In liquid form. Ready for use by adding water. One gallon of mixture makes fifty gallons.
 Price, 1 quart can, 45c.; 1 gallon can, \$1.00.
Hellebore. For rose slugs. 1 lb., 25c.; 5 lbs., \$1.00.
Kerosene Emulsion. Concentrated for pea louse, San Jose scale and all sucking insects. 1 quart cans, 35c.; 1 gallon cans, 85c.
London Purple. Lb., 20c.; 5 lbs., 90c.
Paris Green (Pure). Lb., 20c.; 5 lbs., 90c.
Rose Leaf Extract of Tobacco. Pt., 25c.; qt., 50c.; 1 gal., \$1.25.
Slug Shot. For potato bugs, cabbage and currant worms. 5 lbs., 25c.; per 100 lbs., \$3.50.
Sulpho-Tobacco Soap. For house plants, poultry, moths, etc. Per cake, 10c. Larger size, 20c.
Tobacco Dust. Pure ground tobacco (not ground stems). Per lb., 5c.; per 100 lbs., \$2.50.
Tobacco Stems. Per bale of about 250 lbs., \$1.50; per ton, \$10.00.
Whale Oil Soap. For washing trees and for insects on tender plants. 1-lb. box, 15c.; 5 lbs., 10c. per lb.
"Fairmount Weed-Killer." For killing weeds in walks, drives, etc. One-half gallon pail makes 25 gallons treating liquid, 75c.; 1 gallon pail, \$1.25; 5 gallons, \$6.00.

DIBBLES
 Small \$0.40
 Regular 50
 Brass 55



CHURNS—In Variety
 2 gallons \$1.75
 4 " 2.00
 7 " 2.50



FLOWER POTS


	Dozen	100
2 inches	\$0.10	\$0.50
3 " . . . . .	.20	1.00
4 " . . . . .	.25	1.50
5 " . . . . .	.35	2.50
6 " . . . . .	.50	4.00
7 " . . . . .	.80	6.00

Fertilizers

Hard Wood Ashes. Per barrel of 250 lbs., \$2.50; per ton, \$18.00.
Pure Ground Bone. Bag, 200 lbs., \$3.50; per ton, \$30.00.
No. 1 Bone Phosphate. Per bag of 200 lbs., \$2.50; per ton, \$23.00.
Nitrate of Soda. 5c. per lb.; per 100 lbs., \$3.50.
Muriate of Potash. Per 100 lbs., \$3.00; per ton, \$48.00.
Kanit—Good for Asparagus beds. Per bag of 200 lbs., \$2.00; per ton, \$15.00.



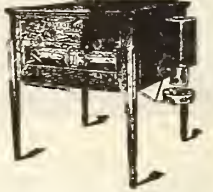
FEED COOKERS
 For Wood and Coal.
 Size. 20 gallons \$5.00
 35 " 8.00 9.00
 50 " 10.00 12.00
 100 " 12.00 16.00
Also Steam Cookers



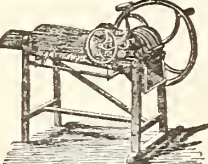
HARROWS
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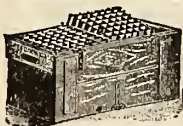
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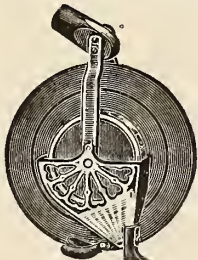
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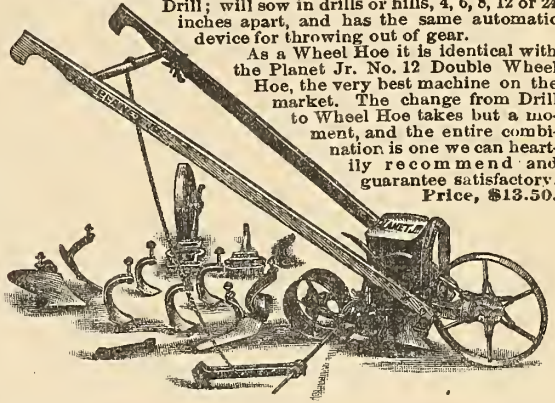
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This new combined machine is intended for a class of gardeners who have a large enough acreage in crops for a Double Wheel Hoe to be used to good advantage, and yet prefer not to buy a separate Wheel Hoe. It holds 2½ quarts (or about 5 lbs. of onion seed).

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Price, complete,

\$10.00

As a Drill only

\$8.00.



With a No. 4 Combined Drill you will have a better garden with much less work.

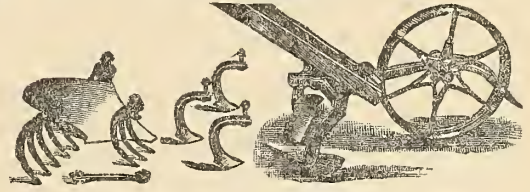
The Drill is the same as the No. 3 Seeder, but smaller. By moving only one bolt the drill is taken off and the tool frame attached, making it one of the best of the Planet Jr. Single Wheel Hoes. This gives you the "whole business" in one tool.

PLANET JR. No. 16

Single Wheel Hoe

A light, inexpensive and extremely efficient tool. Frame and handles are adjustable, and wheels can be changed to the other side of the frame, when both sides of the row can be hoed at one passage.

Price, \$5.50.



PLANET JR. No. 11

Double Wheel Hoe



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PLANET JR. No. 17

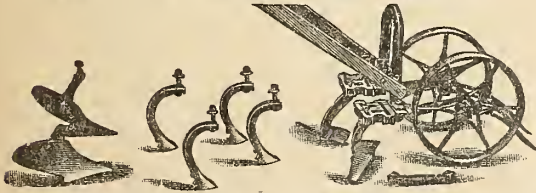
Single Wheel Hoe

This tool is identical with No. 16, but has only a pair of 6-inch hoes, a plow, and a set of cultivator teeth—an outfit sufficient for most garden work. The other attachments can be added at any time.

Price, \$4.75.



PLANET JR. No. 12 Double Wheel Hoe

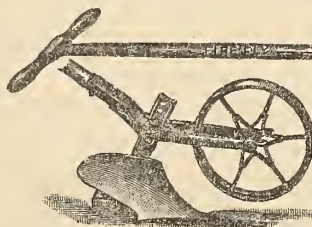


This tool is identical with No. 11 Wheel Hoe, except that it has fewer attachments, and is sold at a correspondingly less price. The tools shown and sold with No. 12 are what gardeners use most, and the others can be added as wanted.

Price, \$6.50.

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Price, \$2.25.



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