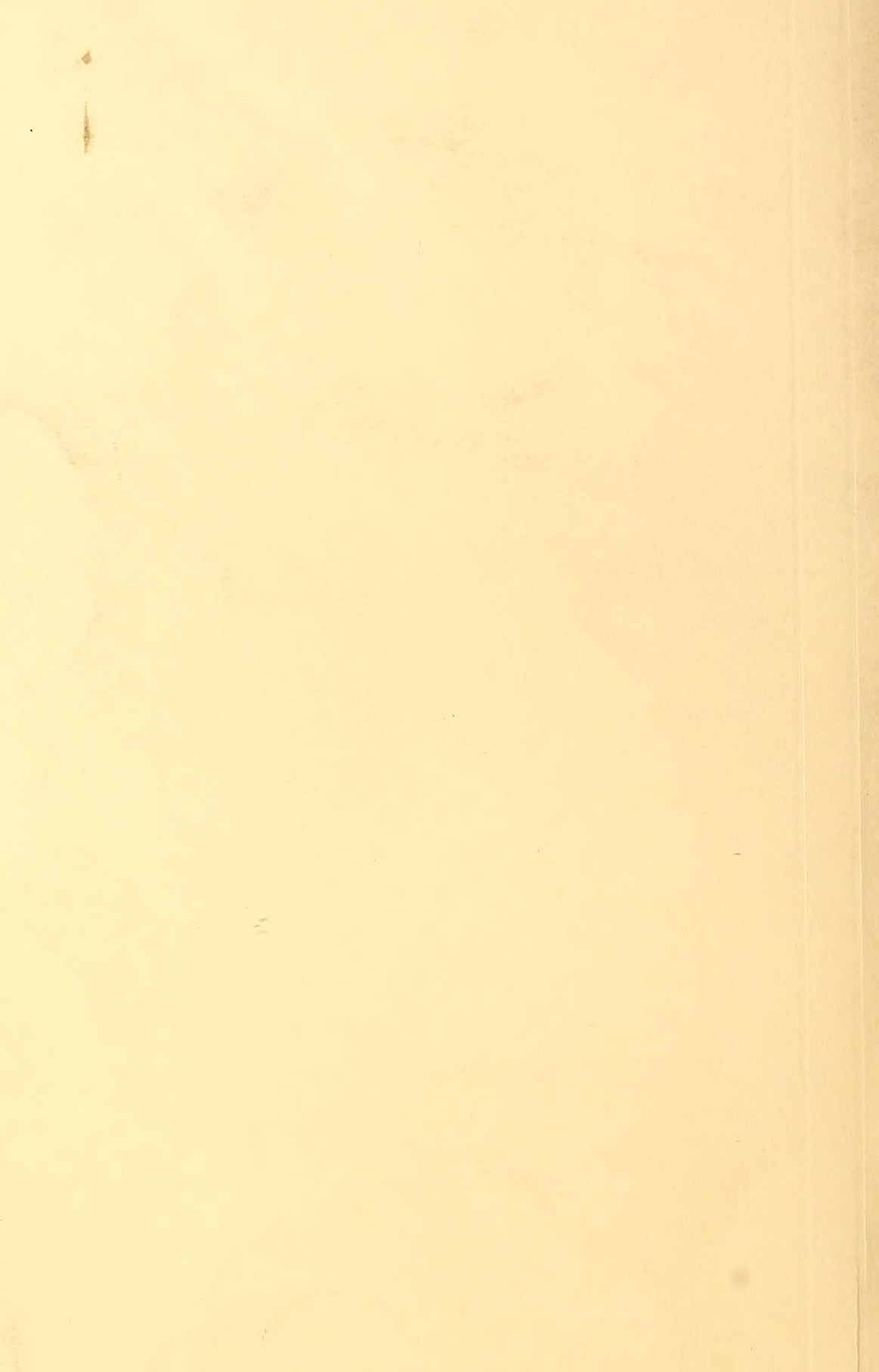


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Do not assume content reflects current scientific knowledge, policies, or practices.



JOHNSON'S GARDEN AND FARM MANUAL 1907



JOHNSON SEED COMPANY

HERBERT W. JOHNSON, OF THE LATE FIRM OF
JOHNSON & STOKES, PRESIDENT.

Johnson Seed Co.

No. 217 Market St., & 206 Church St.

This Concerns You—

Please Read It

To My Friends and Customers:

The old-established firm of Johnson & Stokes, having expired by limitation ~~on July 1st.~~ last, ceased to exist on that date.

In appreciation of their hard work for so many years, which contributed so largely to the success of the old firm, it was my desire to give to several of the old and deserving employees an interest in the business, by making them stockholders. With this object in view, the Johnson Seed Company was formed at that time, of which I am still the active business head and Seedsman, being President and General Manager; also giving, as I have done in the past twenty-five years, close personal supervision to our seed crops during growth.

Mr. Joseph F. Bradley, for twenty-four years with the late firm of Johnson & Stokes, continues as manager of the Order Department of Garden and Grass Seeds and Poultry Supplies.

Mr. William J. Sherry, for twenty-two years with the late firm of Johnson & Stokes, also retains his old position as manager of the Flower-Seed, Bulb and Mail-Order Departments.

Mr. Clifford Phillips, who has had charge of the books and accounts of Johnson & Stokes for twenty years, is Secretary and Treasurer of the new company.

A large number of other old and competent employees also remain in their former positions.

Thus I place at your service a corps of able and experienced workers, trained for a score of years in a successful seed business, and bringing to bear the added impetus of their own financial interest. This should assure you (as it does me) that the JOHNSON SEED COMPANY is in a position to give you better seeds and better service than even the well-known old firm.

I solicit your favors, and shall always be glad to hear from you by letter or meet you in person should you call at the old stores, Nos. 217 Market Street and 206 Church Street, Philadelphia.

Faithfully yours,

Philadelphia
Penna.
January, 1907

Herbert W. Johnson
of the late firm of
Johnson & Stokes



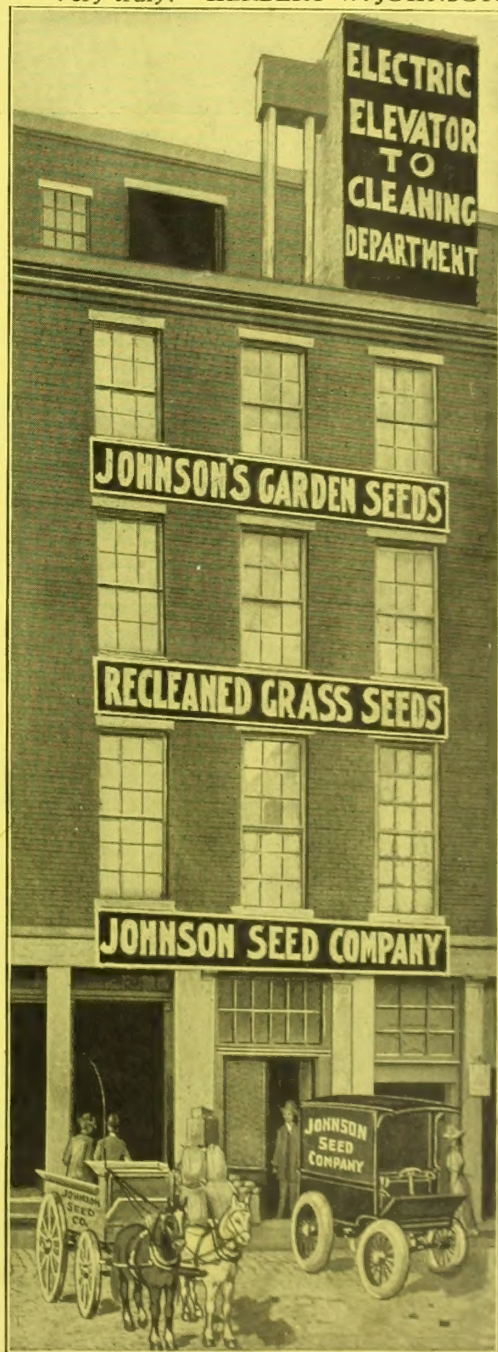
Photograph of 217 Market Street

OUR Market St. Store, on the principal business street of Philadelphia. Since July 1st, last, over \$7,000.00 have been expended in the addition of new fixtures and other facilities, giving us one of the most complete modern seed warehouses in America, with a thorough organization for the prompt and accurate execution of orders. We know that we can please you—otherwise we would not seek your trade.

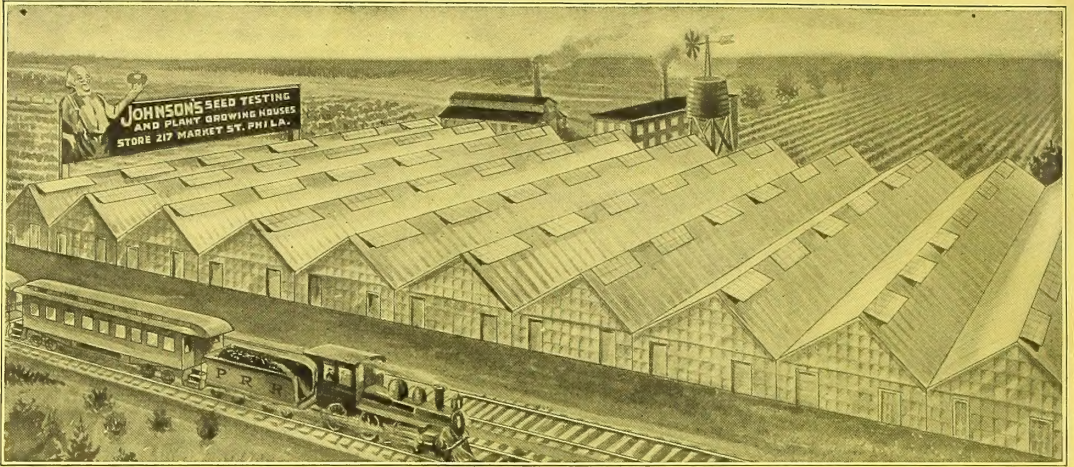
A LITTLE PERSONAL HISTORY

BEFORE establishing the late firm of Johnson & Stokes in 1881, I served an apprenticeship of nine years with one of the best-known seed houses in Philadelphia, since which time I have taken *personal and complete* charge of the growing of and contracting with private growers for the entire *Garden Seed Supply of Johnson & Stokes*. Thus I offer you the benefit of thirty-four years' all-round experience as employee, partner, seed-grower, business head and manager of a successful seed business. As the writer of this catalogue, I thank my patrons of past years and solicit a share of your future orders.

Very truly, HERBERT W. JOHNSON.



Our Church Street Store, No. 206



Photograph of Seed Testing and Plant Growing Houses at Pavonia, N. J., on the Pennsylvania R. R., 3 miles from our Philadelphia stores. It is here that all our seeds are proven and tested for vitality before being sold, thus insuring to our customers **Tested Seeds of known vitality and purity.**

About Greenhouses

While we use greenhouses for **testing** and **proving** the vitality and purity of seeds and growing vegetable and other plants required by our customers, we are not in the greenhouse business to raise fancy ornamental plants, cut flowers, etc., for market. We could not afford to risk our **reputation as seedsmen** unless we **knew** that the seeds we send out would sustain it. Hence the need of greenhouses and trial grounds; but believing that you need the **seedsmen**, not the florist, we prefer to "stick to our last" and be seedsmen only, first, last and all the way through.

Cedarcroft Seed Farm and Trial Grounds

We make a critical study of the wants of the critical gardener, and do everything possible to safeguard his interests, and for this reason conduct every year, at great expense, extensive trials at our **Cedarcroft Seed Gardens and Trial Grounds**, comprising 28 acres located in Ocean Co., N. J. They are established to serve a two-fold purpose:

1. To try new vegetables and flowers with the avowed intention of ascertaining their real value to the market or private gardener.
2. To grow and develop choice high-grade seed stocks for planting at Gardendale or on our other seed farms or those of our expert private contract growers. These improved seed stocks are sent to whatever section of the country is best adapted to the growth and perfect development and maturity of the particular crop. During growth and harvesting they still, from time to time, receive our personal care and attention, although thousands of miles have to be traveled in looking after them. The cash expended in this way buys knowledge and safety, the benefit going to our customers.



A Section of Field of Vegetable Trials, Photographed August 10, 1906.

The Johnson Quality Standards

Varieties of Vegetables which we ourselves as well as thousands of our customers have tested and proven to be the best of their type for the Family Garden

Fully described in the general list of this Catalogue, pages 16 to 50

- ASPARAGUS.** New Early French Giant. Page 16. Seed, per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00. Roots, 2 years old, per 100, \$1.00; 500 for \$3.50; per 1000, \$6.50.
- BEANS.** New Giant Green Pod Stringless Valentine. Page 17. Pint, 10c.; qt., 20c.; peck, \$1.25.
- “ New Round Pod Kidney Wax (Brittle Wax). See page 17. Pint, 15c.; qt., 25c.; peck, \$1.50.
- “ Bush Lima. New Wonder. Page 18. Pint, 15c.; qt., 30c.; peck, \$1.75.
- “ Pole Lima. Ford's Mammoth Podded. Page 19. Pint, 20c.; qt., 40c.; 2 qts., 70c.; 4 qts., \$1.00.
- BEETS,** Extra Early. Crosby's Improved Egyptian. Page 20. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.
- “ Main Crop. Lanier's Superba. Page 20. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.
- CABBAGE.** Johnson's Very Earliest. Page 22. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.
- “ for Second Early and Summer. Johnson's Market Gardener's No. 2. Page 23. Pkt., 15c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00.
- CABBAGE** for Late or Winter. Johnson's Matchless Late Flat Dutch. Page 24. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.25.
- CARROT** for Early and Late. Johnson's Rubicon. Page 25. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.
- CAULIFLOWER.** Johnson's Early Alabaster. Page 25. Pkt., 25c.; $\frac{1}{2}$ oz., \$2.00; oz., \$3.75.
- CELERY,** Early. Paris Golden Self-Blanching. Page 26. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.20; lb., \$4.50.
- “ Late or Winter. Johnson's New Cremona. Page 26. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00.
- CORN,** Sweet, First Early. Peep o' Day. Page 28. Pint, 10c.; qt., 20c.; 4 qts., 60c.; peck, \$1.10.
- “ “ Second Early. New Early Evergreen. Page 28. Pint, 10c.; qt., 15c.; peck, \$1.00.
- “ “ Late or Main Crop. Country Gentleman. Page 28. Pint, 10c.; qt., 20c.; 4 qts., 60c.; peck, \$1.15.
- CUCUMBER.** Johnson's Improved Arlington. Page 29. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.15.
- LETTUCE,** Head. New Mammoth Salamander. Page 33. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.
- “ Curled Leaved. New Morse. Page 33. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.
- MUSKMELON,** First Early Green-Fleshed Sort. McCleary's Improved Jenny Lind. Page 34. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.
- MUSKMELON,** Second Early Green-Fleshed Sort. New Sweet Home. Page 34. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.
- MUSKMELON,** Red-Fleshed Sort. Paul Rose. Page 34. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.
- WATERMELON.** Johnson's Dixie. Page 35. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.
- ONION.** Philadelphia Yellow Globe Danvers. Page 39. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.
- “ Minnesota Globe Wethersfield Red. Page 38. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.50.
- “ Minnesota White Globe Onion. Page 38. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.
- PARSLEY.** Market Gardeners' Best. Page 42. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.
- PARSNIP.** Ideal Hollow Crown. Page 42. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.
- PEAS,** First Early. Johnson's Record Extra Early. Page 40. Pint, 15c.; qt., 25c.; 4 qts., 75c.; peck, \$1.25; bush., \$4.50.
- PEAS,** Medium. Thomas Laxton. Page 41. Pint, 20c.; qt., 35c.; 4 qts., \$1.25; peck, \$2.00.
- “ Late. New Dwarf Champion. Page 41. Pint, 15c.; qt., 25c.; peck, \$1.50; bush., \$5.50.
- PEPPER.** Ruby King. Page 42. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.10.
- RADISH,** Earliest. Scarlet or Cardinal Globe. Page 45. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.
- “ Early. New Snow White Box. Page 45. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.
- “ Summer. New Long White Chartier. Page 45. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.
- “ Winter. Improved Half-Long Black Spanish. Page 46. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.
- SPINACH.** New Parisian Long-Standing. Page 46. Pkt., 5c.; oz., 10c.; lb., 50c.
- SQUASH,** Summer. New Extra Early Jersey White Bush. Page 47. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.
- SQUASH,** Winter. New Red or Golden Hubbard. Page 47. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.
- TOMATO.** Sparks' Earliana, Johnson's Improved No. 10 Strain. Page 49. Pkt., 15c.; oz., 45c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.75.
- TURNIP.** Mammoth Purple Top Globe. Page 50. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

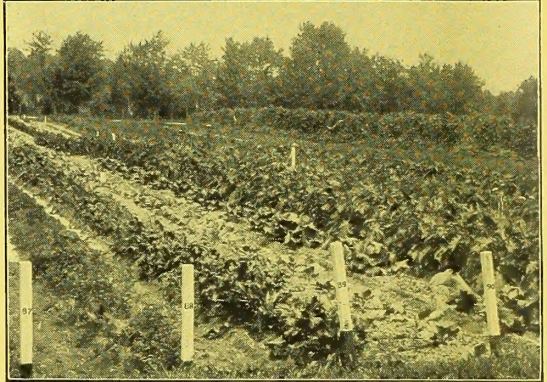
Novelties and Specialties in Vegetables

This is an age of progress in gardening as well as in other professions. There is an increasing demand for better vegetables and flowers.

The successful gardener, before ordering his supply of seeds, makes a careful study of one or more reliable seed catalogues. He has probably learned that there are two classes of seedsmen.

One class offer each year, in bewildering numbers, novelties from the four quarters of the globe, which they claim are destined to eclipse all similar varieties heretofore known. Such catalogues the gardener must regard humorously if he considers them at all.

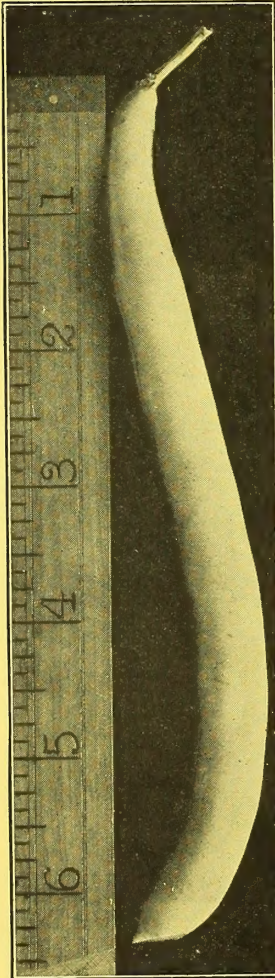
There is another class of seedsmen who are constantly on the lookout for something of value. They keep closely in touch with experts in this and in foreign countries. New varieties of proven and distinct merit are promptly included in their lists, after thorough trials, such as made by us each season at Cedarcroft Trial Grounds.



SECTION OF OUR TRIAL GROUNDS. TESTING EUROPEAN NOVELTIES.

The New Hodson Beans—Wax and Green-Pod

The Hodsons are the latest novelties in beans, originating in Northern New York.



POD OF HODSON WAX.

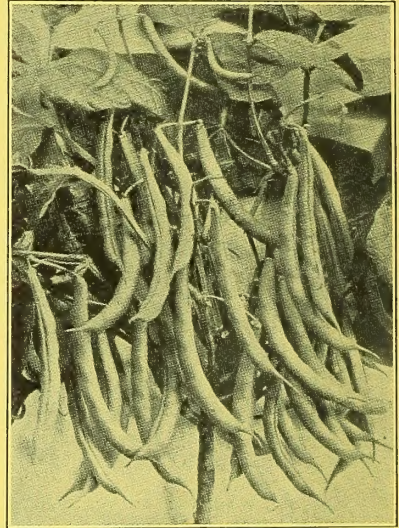
The Hodson Wax Bean

Pods are brittle, tender and of fine texture. If picked when they should be, are entirely stringless. The fine table quality of the long, handsome pods will soon be appreciated. In our trial ground tests this variety was easily distinguished by its rank growth, great vigor, productiveness and freedom from blight and rust. Pkt., 10c.; pint, 25c.; qt., 40c., postpaid; qt., 25c.; peck, \$1.50; bush., \$6.00, by freight or express.

Hodson Green-Pod Bean

Discovered in a trial plot of Hodson Wax. A strong, robust grower, unaffected by rust or blight, many of the bushes measuring 2 to 2½ feet in height and the same in breadth. It is an enormous yielder, often producing 50 to 75 pods to the plant, and withstanding adverse weather conditions remarkably.

It is a late variety, coming to maturity a little later than Refugee. The table quality is first-class. Pkt., 10c.; pint, 25c.; qt., 40c., by mail, postpaid; qt., 25c.; peck, \$1.40; bush., \$5.50, by freight or express.



A single plant of HODSON GREEN-POD BEAN.

FREE DELIVERY FOR 1907

On and after January 1st, 1907 we will deliver free by Package Stamp Express where this service is in operation, all orders for vegetable and flower seeds by the packet, ounce, pound, pint or quart that can be packed weighing up to 50 lbs. (this being the weight limit by this service), and such as will be accepted by them. This service applies to Package Express from Market St. Ferry (Penna. R. R.), Chestnut St. Ferry (Reading Ry.), Broad St. Station (Penna. R. R.), Reading Terminal (Reading Ry.) and B. & O. R. R. (24th and Chestnut Sts.).

SEEDS FREE BY MAIL.—We pay postage on all seeds in packets, ounces and quarter pounds purchased from this catalogue. When pounds are ordered to be sent by mail, please add 10 cents per pound to pay postage.

On Beans, Sweet Corn and Peas, by the pint and quart, we quote prices both ways, by mail, postage paid, and by freight or express, so that they can be ordered sent either way as desired.

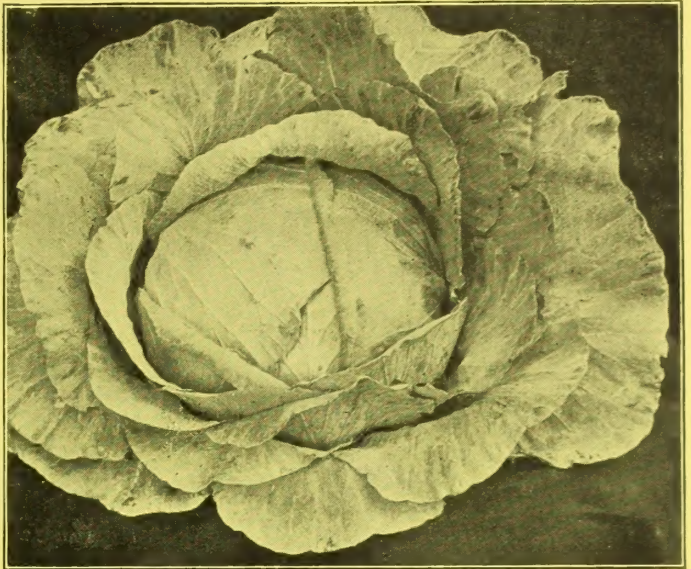
REMITTANCES

can be made by Check, Express or Post Office Orders, Registered Letter, or 2c. postage stamps.

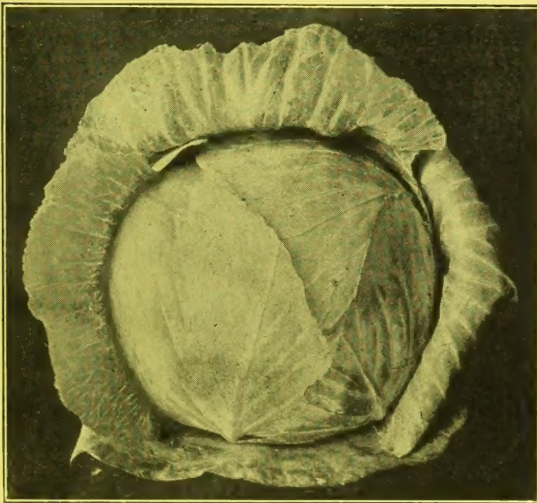
Johnson's Quick Cash A Flat-Headed Earliest Cabbage

A cross between our celebrated Very Earliest and Early Spring, our Quick Cash Cabbage combines the extreme earliness of the pointed varieties with the flat head of the later sorts, the latter type being generally preferred. It is as early as Johnson's Very Earliest, and several expert cabbage growers have claimed it to be even earlier than that well-known variety.

It has a short stem, and is a firm, solid header, growing to good size for such an early cabbage. The outer leaves are few and the heads have been known to stand for weeks without bursting. 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 a most profitable and desirable early cabbage for either the market or home garden. Pkt., 15c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.



Photograph of JOHNSON'S QUICK CASH CABBAGE.



EARLY DANISH ROUNDHEAD CABBAGE.

Early Danish Roundhead

A very superior strain of the famous Danish Ballhead Cabbage, maturing fully two weeks earlier and remarkable for its great solidity. The firm, compact and unusually heavy heads are pure white, crisp, tender and delicious, being especially fine for cutting down for slaw, etc. The Danish Roundhead is of the short-stemmed type, and because of its handsome appearance, solid, heavy head, and good table qualities, is hard to beat. Price, per pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.50.

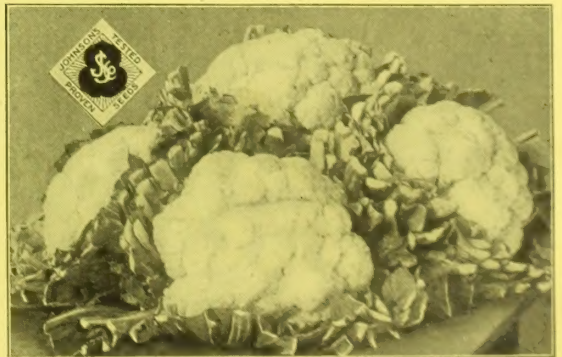
Louderback's All Year Round

The Standard Summer and Fall Cabbage around Philadelphia. Of the early Drumhead type, unusually uniform and very solid. See page 23. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

New Danish Cauliflower Pearl of Denmark

We have tried new varieties of cauliflower seed from many of the most successful Danish growers, and this is the first new sort which can compete with the famous Early Alabaster. It is of the Snowball type, with smaller leaves, and about two weeks earlier. The heads are large, very white and solid. We can recommend this strain very highly for growing either under glass or in open ground. Seed very scarce.

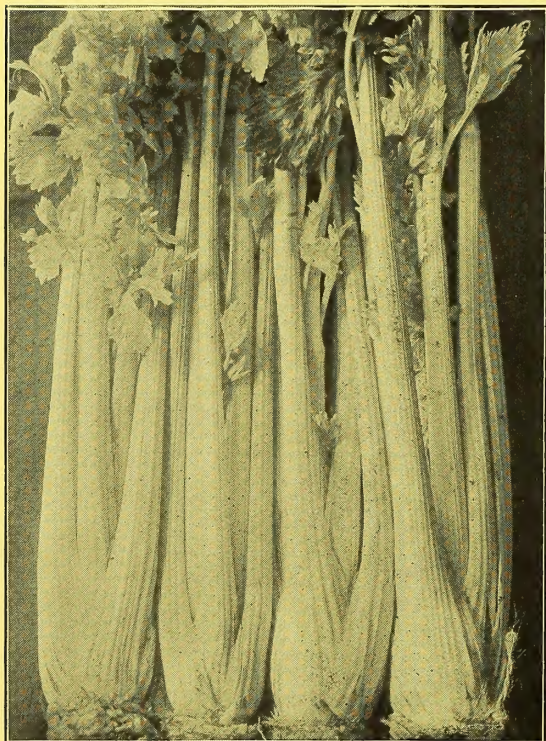
Pkt., 30c.; $\frac{1}{2}$ oz., \$2.75; oz., \$5.00.



NEW CAULIFLOWER, PEARL OF DENMARK.



A snapshot photograph of first floor Johnson's Retail Store, 217 Market Street, taken just a week before Christmas, 1906.



Photograph of 4 average stalks of the NEW COLUMBIA CELERY.

Davis Perfect Cucumber

Mr. Eugene Davis, a Michigan grower, already famous as the originator of the Davis Kidney Wax Bean and the Grand Rapids Forcing Lettuce, now comes to the front with a new cucumber. Those who saw our crop last year are unanimous in their praises, and say they never saw anything to equal it.

In shape it is slim and symmetrical, with an average length of 10 to 12 inches; its color is a dark glossy green, which it holds until nearly ripe, when the fruit turns white without a sign of a yellow streak on it. Its table qualities are unequaled, as it is of exceptionally good flavor, unusually tender and brittle and has very few seeds.

It is a very strong grower, and this fact, combined with its fine table qualities and great productiveness, makes it invaluable to either the grower for market or the home gardener. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 55c.; lb., \$2.00.

New Columbia Celery

From our observation of this new and very distinct variety, we believe it a great acquisition in earliness, showy form and superior quality.

The plant is of medium height, but very stocky and heavy. Stalks are thick, resembling in shape those of Giant Pascal. The color has in it more of the rich yellow tint of Paris Golden Self Blanching. The foliage is of a distinctly light shade of green, with a tinge of yellow. In season it follows in close succession Golden Self Blanching. Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.75.



Photograph of small section of our field of JOHNSON'S NORTHMOUNT EGG PLANTS growing for seed.

Johnson's Northmount Egg Plant

An Earlier Improved Black Beauty

This fine new variety is the result of selection of the very earliest and finest fruits of the celebrated "Black Beauty." It is, beyond question, **the earliest and hardiest of all Large Smooth Purple Egg Plants.** While the fruits are not always quite as large as Black Beauty, it ripens fully ten days earlier and is suited to more northern climates. One of the faults of the old sorts was that they matured so late that in northern latitudes the entire crop could not be gathered before frost set in and destroyed them. With the introduction of Johnson's Northmount, this danger is past, owing to its great earliness.

The plants branch freely near the ground and grow in well-rounded bushes. The fruits are thick, of most attractive shape (as shown in illustration), and in color a lustrous purplish black. This coloring is uniform over the whole fruit, and does not fade at the blossom end, as do so many of the older varieties. It is valuable alike to the private planter and the extensive grower for market. Prices, per pkt., 20c.; 4 pkts., 60c.; $\frac{1}{2}$ oz., \$1.00; oz., \$1.75; 4 ozs., \$6.00.



White Mexican Sugar Corn

The old Black Mexican Sugar Corn has long been famous for its delicious sweet flavor. In the White Mexican we offer a variety which combines with a white grain all the good qualities of sweetness and flavor so prominent in the old dark type.

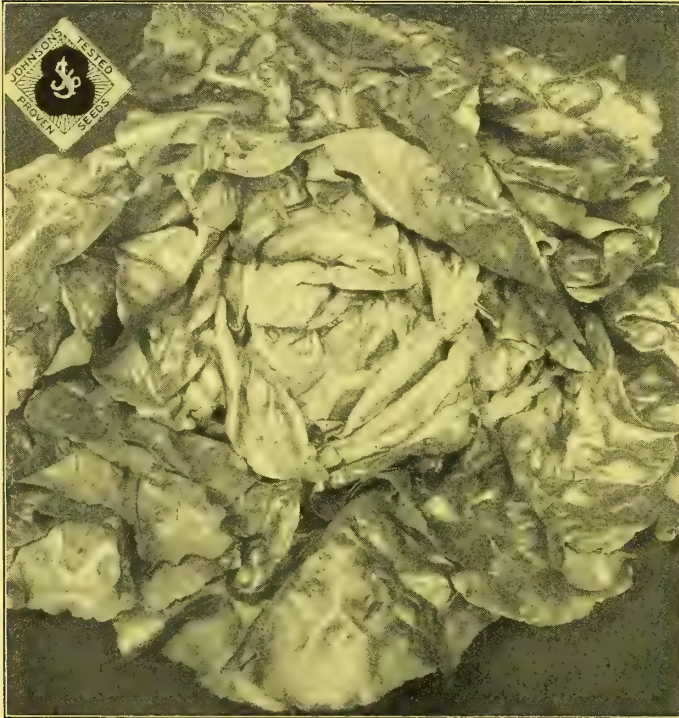
White Mexican is also unlike Black Mexican in being one of the very earliest to mature. It is sure of a leading place, as it is quite unusual to find an early corn that is at the same time so sweet that it will "melt in the mouth." The ears in size and shape are like those of the Black Mexican and apt to have the same peculiar naked tip known in that variety.

If you want **early corn that is deliciously sweet**, try **White Mexican**. Prices, by mail, postpaid: Per pkt., 10c.; pint, 20c.; qt., 30c.; by express or freight, qt., 20c.; peck, \$1.10; bush., \$4.25.

Golden Bantam Sweet Corn

This new corn is very early, hardy and sweet. Grains, when dry, a deep yellow color. On our trial grounds it gave two good ears to the stalk. Pkt., 10c.; pt., 30c.; qt., 50c., postpaid; qt., 40c.; peck, \$2.50, by express.

Holyrood Hot-Weather Lettuce



Photograph of HOLYROOD HOT-WEATHER (New Lettuce No. 30).

This is the variety distributed for trial last season as New Lettuce No. 30. We have received hundreds of letters from those who tested it (sorry we have not room here to publish more of them), saying it is the most wonderful heat resister they have ever grown, standing longer than any other of the rich butter varieties. Heads are large, firm and solid; light green outside, blanching to a beautiful cream-yellow inside. The most critical market gardener cannot be disappointed in this remarkable lettuce, no matter at what season of the year he may sow it.

Pkt., 15c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

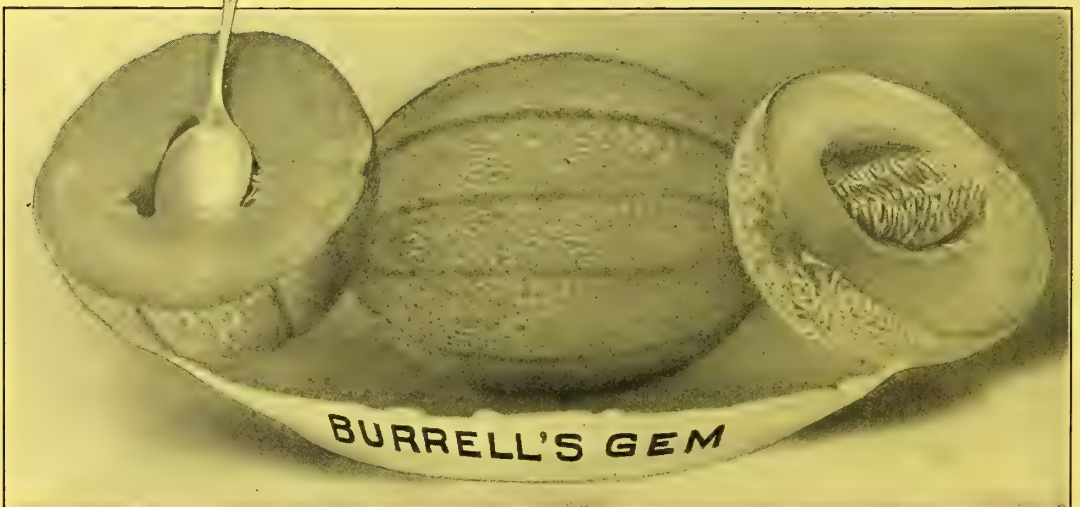
What Others Say of It

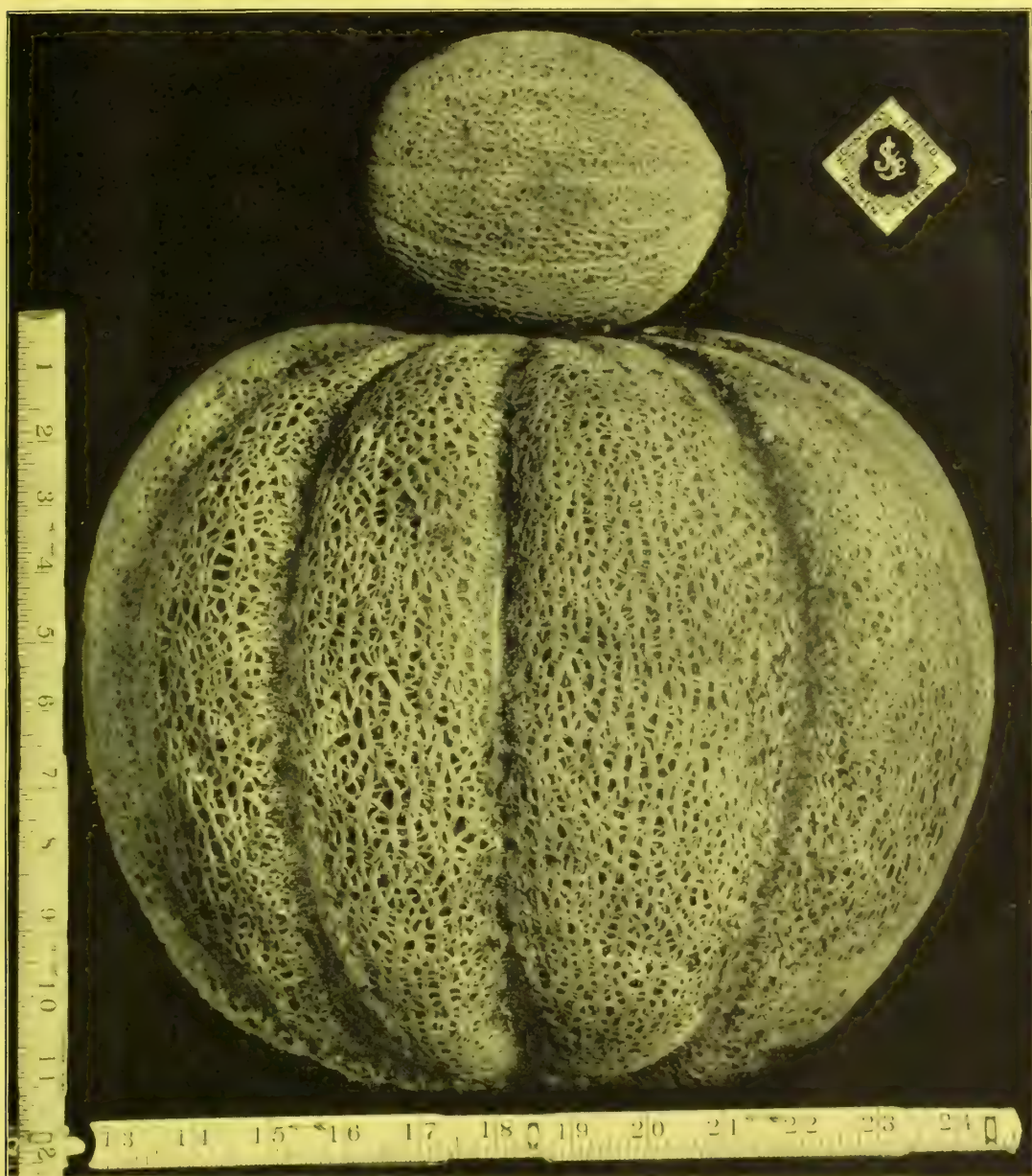
ERWIN CHURCH, Ellsworth, Mich., writes: "Your New Lettuce No. 30 is the best summer heading lettuce that I have ever seen, standing extreme heat better than any known variety."

ROBT. LITTLE, Chipola, La., writes: "I had great success with your New Lettuce; it makes the largest, finest, crispest heads and is the greatest heat resister I have ever raised."

Burrell's Gem Melon—A New Rocky Ford with Golden Meat

Colorado is world-famous for its melons, and Burrell's Gem, the new Rocky Ford Muskmelon with golden meat, is the result of years of careful selection by Mr. D. V. Burrell, a Colorado grower. It has a thin, tough rind and is closely netted. The meat is of a reddish orange, very thick (the seed cavity being unusually small, as shown in our photograph below), fine grained and spicy, not containing too much water or acid. In shape it is quite elongated, and the blossom end make it an A No. 1 offer was grown and is protected with a well-developed button. All these points combine to melon, both for its good eating and fine shipping qualities. The seed we selected by the originator. Price, pkt., 15c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$5.00.





Photograph of an OUTREMONT BEAUTY MELON, with an ordinary ROCKY FORD MELON placed on top for contrast, also two-foot rule at bottom and side.

Outremont Beauty The Largest and Finest of all Muskmelons

Early in August last, we were astonished to see the windows and store of a Broad Street fancy fruit dealer of this city filled with the most magnificent melons we ever saw, and selling readily at from \$3.50 to \$4.00 each. New Jersey and Colorado grown cantaloupes seemed like pigmies alongside these in price, size and handsome appearance. They attracted so much attention that nearly all the daily papers of this city had something to say about their merits. Learning that these melons came from Canada, the writer (Johnson) started for there at once, to learn the origin, and found that they were grown by Mr. T. J. Gorman, at Outremont, Canada. Mr. Gorman's patch was certainly a sight. Notwithstanding he had made several pickings, the vines were literally loaded with melons, weighing from **15 to 25 pounds each** (Mr. Gorman assured us he had grown one specimen to weigh 56 pounds). Owing to their **very thick flesh, which is very delicious**, and small seed cavity, only about $\frac{1}{2}$ ounce of seed could be taken from a melon, and it was only after great persuasion, and at a fabulous price, we induced Mr. Gorman to select and save for us a few pounds of the seed, which we have put up in packets of 25 seeds each, and will supply our customers at **25c. per packet, or 5 packets for \$1.00**. We cannot, however, supply more than 5 packets to any one customer. *With each packet of seed we send complete directions, as given us by Mr. Gorman, for growing to perfection these truly magnificent melons.*



Photograph of average specimens of JOHNSON'S DREAMWOLD MELON. (See also colored illustration on front of this book.)

Johnson's Dreamwold—A "Find" in Muskmelons

Two years ago, one of our expert melon growers in southern New Jersey found a chance plant in a large field of our Improved Shippers' Delight Muskmelon, which seemed distinct in both fruit and foliage, the melons setting and ripening two weeks in advance of the others; more densely netted and free from any tendency to knob or button at the blossom end. The seed was carefully saved and planted, so that we are able this season to offer it for sale. The quality of its thick, green flesh is simply perfection, being sweet and luscious beyond description. Add to these its remarkable earliness, and we have certainly a valuable addition to the list of muskmelons.

If you grow for market and want to be the first with fine melons, plant **Johnson's Dreamwold**, which means double prices can be realized on all you can grow. You can buy your seed this season from the **Johnson Seed Company** only, as we control the entire supply. Prices, per pkt., 15c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Improved Shippers' Delight Muskmelon

The old Shippers' Delight Muskmelon, introduced in 1897, has made much money for growers, on account of its earliness and fine shipping qualities. This is an improved selection, bred to give it larger size and a more uniform appearance, without expending any of its earliness, thickness of flesh, or fine flavor. With the exception of **Johnson's Dreamwold**, no better shipping melon can be found. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.



Section of IMPROVED SHIPPERS' DELIGHT MELON, showing the very thick flesh at the ends, which prevents the melons being softened while being shipped to market in baskets—a very valuable point to shippers.

Three New and Superior Globe Onions

The steadily increasing popularity of the globe type of onion is, no doubt, due to the fact that good globe onions command the highest market price. Intelligent and carefully directed efforts on our own part, and those of our expert seed growers, have done much for the development and maintenance of these superior types. It is not alone sufficient to breed up a strain to the ideal, but it is necessary, year after year, to give the most careful cultivation and selection to prevent any deterioration; this is especially true of this type of onions. Onion seed is in very short supply this season. For other varieties of onions, see pages 38 and 39.

Johnson's New Early Yellow Globe Onion

After several years' careful selection and tests of this new sort, we are able to offer the seed for the first time. It is of true globe shape and earliest of the yellow globe varieties. The skin is bright, glossy orange-yellow; the flesh is white and fine grained. The bulbs are remarkably uniform in size and shape; being firm and hard, possess fine keeping and shipping qualities. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Morse Brown Globe Onion

This new variety originated with C. C. Morse & Co., the largest and most expert onion growers of California. The shape is a true and uniform very deep globe, as shown in our photograph alongside. The color is rich seal brown; the skin is thick, and flesh white, firm and fine grained. It has all the extra good keeping qualities of the well-known Australian Brown. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 80c.; lb., \$3.00.

New Onion — Johnson's Long-keeping Prizetaker

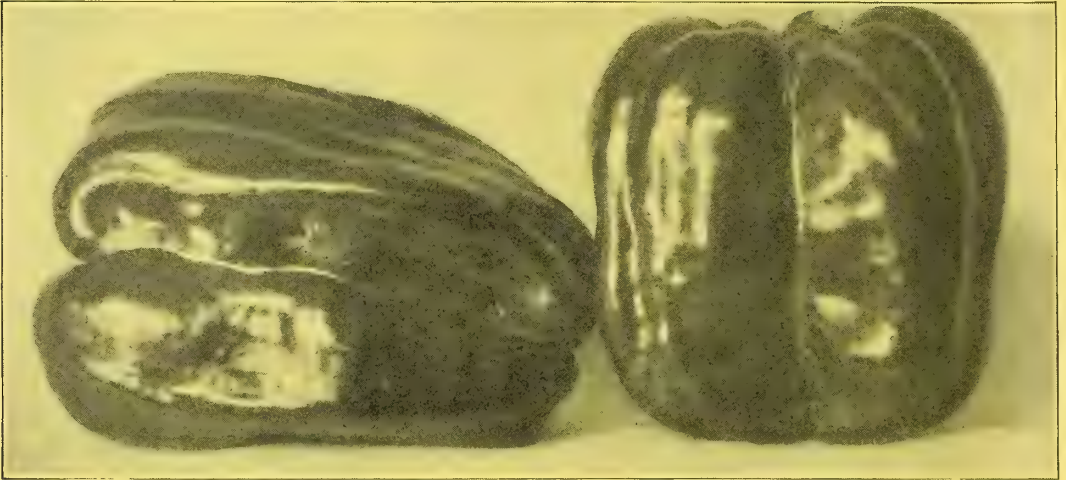


See colored illustration from nature on back of this book

Since its introduction in 1888, the old Prizetaker Onion has grown in popularity, the only objection being its keeping qualities, which have not been up to the standard of many of the American varieties. For several years past, however, a prominent onion grower has been making selections and breeding the old Prizetaker until he has obtained a strain which, in keeping quality, is fully equal to Danvers and the Southport Globes. This strain, which can only be had from us this season, is by far the largest in size and handsomest in shape of all the Yellow Globe Onions. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

IT PAYS TO TRY "Johnson's Tested Novelties"

Because you need buy only one packet or an ounce, at but a trifling expense, to learn whether or not they are valuable for your section. No new vegetables are ever introduced by us except from our own personal knowledge of their character and merits.



NEW RUBY GIANT PEPPER.

CHINESE GIANT PEPPER.

New Ruby Giant Pepper

In Philadelphia and other markets there has been for some time a growing demand for a mild red pepper as large as Chinese Giant, but having the longer shape of Ruby King. As a result of crossing these two peppers, we have indeed a handsome new variety, which retains the enormous size of the Chinese Giant, but has lost the somewhat ungainly shape of the latter for the graceful, elongated form of Ruby King, being much longer than the former variety and much larger round than the latter.

In color it is most attractive, being a bright clear red, and in flavor mild, delicious and sweet. The plant is vigorous in growth, stocky and well-branched, and is fully as prolific as Chinese Giant. Pkt., 10c.; oz., 45c.; $\frac{1}{4}$ lb., \$1.35; lb., \$5.00.

Chinese Giant Pepper

The plants are of vigorous growth and seldom more than 2 feet in height, well branched and thickly set with monstrous fruits. The peppers are fleshy, of stocky form and in color the most brilliant scarlet. They are uniformly "enormous" and are justly called Giants. The flesh is extremely mild, **as sweet as an apple**, and can be served sliced like tomatoes. Prices, pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.60; lb., \$5.50.

New Neapolitan Peppers Red and Golden

These are very early and prolific; fruits 4 inches long by $4\frac{1}{2}$ inches round; flesh is thick and very mild. Prices for either sort, pkt., 10c.; oz., 45c.; $\frac{1}{4}$ lb., \$1.35.

The Dainty Duchess Pea

This new pea, the result of hybridization and careful selection by an expert grower in the "old country," somewhat resembles the well-known favorite Telephone in type, but is superior to that variety in quality and yield.

It is a fine wrinkled pea, of tall habit, robust growth, hardy and vigorous, producing large, well-filled pods in great profusion. The peas themselves are of extra size, borne 8 or 10 to a pod, and possess a superior delicious sugary flavor. Prices, pkt., 10c.; pint, 30c.; qt., 55c., by mail, postpaid; qt., 40c.; peck, \$2.25; bush., \$8.50, by freight or express.

Carter's Danby Stratagem Pea

We have obtained our seed of this new pea from the originators, James Carter & Co., the largest seed growers of Great Britain. In our trials the past season we found it a distinct improvement on the original **Stratagem**, having longer, straighter and broader pods, very freely produced. The haulm is very robust, and extends to a height of $2\frac{1}{2}$ feet, bearing a profusion of immense pods, many 6 inches in length, and frequently containing ten large, full-flavored marrow peas. Pkt., 10c.; pint, 30c.; qt., 50c., postpaid; qt., 35c.; peck, \$2.25; bush., \$8.00, by freight or express.



DAINTY DUCHESS—Pods natural size.

JOHNSON'S JACK ROSE TOMATO

The Earliest Tomato in Existence

Since the discovery of Sparks' Earliana Tomato by the writer in 1899, and its introduction in 1900, we have been looking for a tomato of equal quality that would eclipse it in earliness. From critical tests the past season we believe in the **Johnson's Jack Rose** we have a new and distinct variety, fully 10 days earlier than the original Earliana. It also has the advantage of being more erect in growth, having a larger, stronger and more vigorous stock to support its load of fruit. The later fruit on the vines is just as large and perfect as the first. The fruit and foliage are quite distinct in color from either the Sparks' Earliana or June Pink. If you want an abundant supply of fine, solid, rich-colored, meaty tomatoes that will be large and good until frost comes, try the **Jack Rose**. Supply of seed so limited this season we can offer in packets only at 25 cents each, or 5 packets for \$1.00.

JOHNSON'S IMPROVED STRAIN NO. 10 SPARKS' EARLIANA TOMATO

Sparks' Earliana Tomato, introduced in 1900, has proved one of the most successful vegetable novelties ever introduced, and is now largely planted in all sections of the United States.

This new strain, offered last season for the first, which we have named **Johnson's No. 10**, is fully one week earlier than the original type, more vigorous in growth.

Sparks' Earliana Tomato was first discovered and named in 1899, by the writer of this catalogue, **Herbert W. Johnson**, who has since given his personal attention to its selection, growth and improvement. If you want the best seed obtainable of this now famous variety, order **Johnson's No. 10** strain from **Johnson Seed Company**.



A SINGLE CLUSTER JOHNSON'S IMPROVED STRAIN NO. 10 SPARKS' EARLIANA.

Price of **JOHNSON'S No. 10 STRAIN**: Pkt., 15c.; oz., 45c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.75.

SPARKS' EARLIANA TOMATO, Original Stock: Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

JOHNSON'S JUNE PINK TOMATO, a Pink Earliana. See page 48. Pkt., 15c.; oz., \$1.25; $\frac{1}{4}$ lb., \$3.25; lb., \$12.50.

Get the Best Johnson's

We publish below a few of hundreds of testimonial letters received from customers who grew our No. 10 Strain last season

CHARLES H. GARDINER, Huntington, N. Y., Sept. 16, 1906, writes: "I planted seed of your new No. 10 Strain just one month later than the old Earliana; they ripened at the same time. They are the finest I ever saw."

HARRISON PERRY, Dividing Creek, N. J., Oct. 12, 1906, writes: "Your new Strain No. 10 is superior to the old Earliana, the fruit is earlier, firmer and vines keep green longer."

J. R. JARVIS, Cobden, Ill., writes: "Your No. 10 Strain Earliana Tomato will prove the most profitable to market gardeners. I planted them in the open ground April 10th, and picked the first ripe tomatoes July 1st. Tomatoes large, sound and solid, the finest on the market."

A. T. DAVIS, Yardville, N. J., writes: "I planted your improved No. 10 Strain side by side with the Earliana and they ripened two weeks sooner. Their foliage protects them from the hot sun. They have no equal."

P. M. PETTIT, Piney Point, Md., Oct. 17, 1906, writes: "Too much cannot be said in favor of your new No. 10 Strain of Earliana. Sown March 1st, were ripe July 1st. The first one picked weighed 11 $\frac{1}{2}$ ozs. and was 12 inches in circumference."

E. E. ADAMS, a large tomato grower of Leamington, Ontario, Canada, writes: "We find the new Earliana No. 10 the earliest and most profitable variety, having cleaned up over \$1,200 on two acres last season."

SARAH C. GUMBERT, Aughwick Mills, Pa., writes: "Your new No. 10 Strain brought me ripe tomatoes ten days earlier than the old Earliana. The new tomato is the very finest, very productive, and nearly seedless."

E. A. SHADLE, Lewistown, Pa., writes: "Your new No. 10 Strain of Earliana are not only the earliest of all, but they keep and retain their flavor longer than any other kind after being taken from the vine."

JOHNSON'S NEW LEAFLET-ESSAYS ON IMPORTANT VEGETABLES, ETC., SENT FREE

Nine instructive new Leaflet-Essays for 1907, making twenty in all. Any or all of these are free when asked for with Seed or Poultry Supply orders.

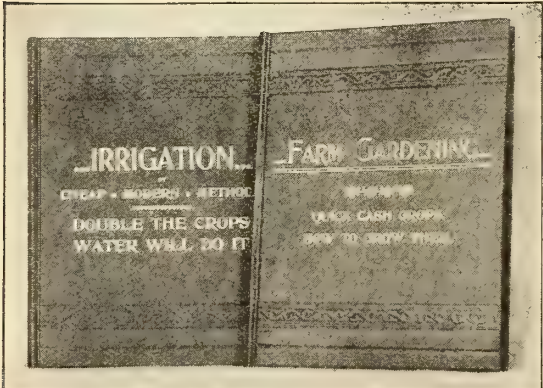
- No. 1. **ASPARAGUS.** Making the Bed, Setting Roots, Cultivating, Fertilizing and Marketing.
- No. 2. **BEANS AND PEAS.** How to Grow. New Leaflet for 1907.
- No. 3. **BEETS.** Garden, Mangel and Sugar Beets for Stock Feeding.
- No. 4. **CABBAGE.** Planting Out, Cultivation, Diseases and Insects, Storing and Marketing.
- No. 5. **CAULIFLOWER.** How to Grow Successfully in the Home Garden.
- No. 6. **CELERY.** Soil, Fertilizers, Planting, Cultivating, Blanching, Storing for Winter.
- No. 7. **CUCUMBER AND EGG PLANT.** How to Grow to Perfection, even on a few square yards of soil. A new and important Leaflet for 1907.
- No. 8. **HORSE RADISH AND RHUBARB.** The Money-Making Crops. New for 1907.
- No. 9. **MELONS.** Musk or Cantaloupe and Watermelons. Cultivation, Manuring, Insect Enemies.
- No. 10. **MUSHROOMS.** How to Prepare Bed, Planting Spawn, Temperature and Marketing.
- No. 11. **ONIONS.** Preparing the Soil, Fertilizers, Planting Seeds and Sets, Cultivating, Harvesting, Storage, Marketing, etc., of this Popular Crop.
- No. 12. **SWEET POTATOES.** Growing Sprouts, Setting Out, Cultivating, Harvesting, Storing, etc.
- No. 13. **TOMATO CULTURE.** How to Grow and Market. New Leaflet for 1907.
- No. 14. **FLOWER CULTURE FROM SEED.** To Successfully Grow Sweet Peas, Nasturtiums, Pansies and other Popular Flowers. Complete Cultural Directions.
- No. 15. **SASHES AND BEDDING PLANTS.** Treating Principally on Hot Beds and Cold Frames.
- No. 16. **THE FAMILY VEGETABLE GARDEN.** Telling How and What to Grow.
- No. 17. **HINTS ON LAWN-MAKING AND GRASS SEED MIXTURES** for Lawns, Golf Grounds, Permanent Pasture and Mowing.
- No. 18. **WINTER EGG PRODUCTION.** How to Increase it by Breeding, Feeding and Housing.
- No. 19. **POULTRY DISEASES, SYMPTOMS AND REMEDIES.**
- No. 20. **THINGS WORTH KNOWING.** Invaluable to Everyone Who Keeps a Chicken.

In asking for these essays, it is only necessary to give the number of the essay wanted. They are not for sale and cannot be sent unless seed or roots of the kind on which they treat are included in the order, except Nos. 15 and 16, which will be sent, when requested, with any order of 50 cents or over.

Poultry Essays sent free with any Poultry Supply order

BOOKS FOR THE FARM, GARDEN AND POULTRY YARD

Standard works by acknowledged authorities. Postpaid on receipt of price. If included in a seed order, 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 (M. K. Boyer). Hints of value. Things worth remembering. Invaluable to the farmer, market gardener, or poultryman. Illustrated and bound in cloth \$0 50
- Farm Gardening, or Quick Cash Crops and How to Grow Them.** For both farmer and market gardener. Tells how and what to grow, how to fertilize and how to treat insect enemies, etc. Illustrated. Bound in cloth 50
- Irrigation by Cheap Modern Methods.** A practical work, showing how water will double your crops, 50

- Practical Farm Chemistry.** T. Greiner \$1 00
- Spraying Crops.** Why, when and how. Comprehensive and clear. O. M. Weed 50
- Asparagus.** How to cultivate, fertilize and market. By F. M. Hexamer 50
- Biggle Berry Book.** The very latest treatise on small fruits. Illustrated by colored plates 50
- Mushrooms.** Practical and plain. W. Falconer . . . 1 00

ON POULTRY AND LIVE STOCK

The well-known "BIGGLE BOOKS," up-to-date and modern. Finely illustrated in colors; on Poultry, Swine, The Cow, The Horse, and Pets, each 50c.

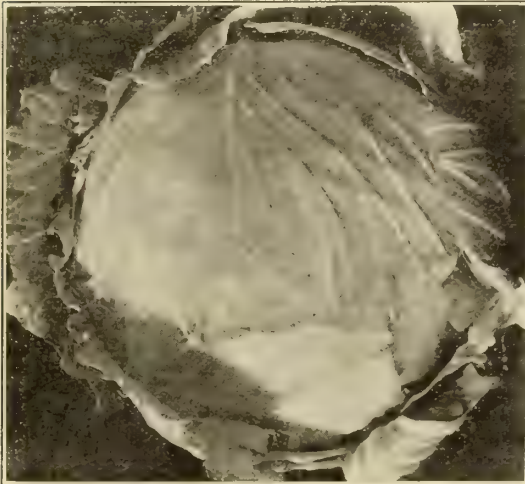
- Books by M. K. Boyer, an unquestioned authority.**
- Little Chicks** \$0 50
- Profitable Poultry Farming** 25
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- Farm Poultry Doctor.** Dr. N. W. Sanborn 50
- Low-Cost Poultry Houses.** Illustrated 25
- 500 Questions and Answers on Poultry Topics** 25
- Capons for Profit.** How to prove it. T. Greiner . . . 50
- Winter Eggs.** How to get them. John H. Robinson, 25
- Egg Record and Account Book** 25
- Successful Pigeon Raising.** A comprehensive guide. By F. B. Price, Jr. 50
- Practical Pigeon Keeper.** Illustrated. Wright . . . 1 50
- Money in Squabs.** How to find it. Brinton 50
- American Standard of Perfection** 1 50
- Duck Culture.** Rankin 50
- An Egg Farm, or the Management of Poultry in Large Numbers.** H. H. Stoddard 1 00
- A B C of Bee Culture.** Facts gleaned from the experience of thousands of bee-keepers. By A. I. Root 1 25

NOVELTIES FOR 1908—Trial Packets Now Free

WE WANT NAMES

WORTHY OF EACH OF THESE SPLENDID NEW VARIETIES, and will pay \$200 for them

We will pay, September 1, 1907, \$50.00 each for the NAMES selected as the BEST for each of the two Novelties. Total, \$100.00. \$5.00 each for what may be considered the NEXT BEST ten names for each. Total, \$100.00. Making a grand total of \$200.00 in cash premiums.



NEW NAMELESS CABBAGE—A vegetable wonder in great hardness, solidity and uniformity. \$100 cash for the best names suggested.

A GRAND NEW UNNAMED ONION

In our trials the past season we found this new unnamed onion, from one of the oldest growers in Connecticut, a magnificent strain of red onion, far surpassing the old Red Wethersfield in its fine round shape and extra dark red color, which it holds better and is more uniform in shape and size than any red onion we have ever seen. The onion itself indicates that it possesses the remarkable keeping qualities claimed by the originator. There is no seed for sale this season and will not be until 1908. We will, however, include a liberal trial packet of both this and the new cabbage above, in all orders of \$3.00 and over received this season, which entitles the purchaser to suggest names for both in competition for the \$200 Cash Premiums offered.



NEW UNNAMED ONION—\$100 for fitting titles.

CONDITIONS:—A competition blank is printed on each packet of seed, on which, after being emptied, the sender's name and address and the name suggested can be written and returned to us. The names can be sent in any time before September 1, 1907, at which time they will be carefully considered by an impartial, disinterested committee of three well-known agriculturists, whose decision shall be final, and the prize money forwarded to the successful competitors, whose names and addresses will be published in our GARDEN AND FARM MANUAL for 1908.

Johnson Seed Company

HERBERT W. JOHNSON (of the late firm of JOHNSON & STOKES), President and General Manager

217 Market Street, Philadelphia, Pa.

Johnson's Vegetable Seeds

The Best Seeds that Grow, and a List of Varieties it Pays to Grow



SPECIALTIES AND STANDARDS

IN the interest of our customers we have endeavored to list in the following pages the cream of all varieties known, weeding out many that are still advertised by other seedsmen. We take great pains each season to inform ourselves fully, by actual tests, 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. Some of the older varieties have been left out on account of their being very similar or inferior to some of the newer sorts. Any variety which has appeared in former catalogues, although not here listed, can be furnished. It is our constant aim thus to accommodate, gain and hold the confidence of all customers.

Asparagus

supply an ordinary family. One ounce of seed will sow 40 feet of row; 7,260 roots will plant an acre.

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 12 x 40 feet, requiring 100 roots, will supply an ordinary family. One ounce of seed will sow 40 feet of row; 7,260 roots will plant an acre.

NEW EARLY FRENCH GIANT ASPARAGUS

This new sort is the earliest, largest and most prolific, being 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 we have improved the original strain season by season, so that it is much superior to the first importation, and thoroughly acclimated to our northern climate. It is not only ten days earlier than Palmetto, but of larger size and superior in flavor and color.

Prices of Seed: Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00. Good, Strong One-year-old Roots, 50 for 60c.; 100 for \$1.00, by mail, postage paid; by express or freight, 85c. per 100; \$6.25 per 1,000. Two-year-old Roots, \$1.00 per 100; \$6.50 per 1,000, by freight or express (500 roots at 1,000 rate).

DONALD'S ELMIRA ASPARAGUS

The delicate green color is notably different from either the famous Barr's Mammoth or Palmetto, while the stalks are more tender and succulent. Owing to the large size, it requires much less labor in cutting and bunching, thus lessening the expense of marketing. Price of Seed: Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c. Strong Roots, 1 year old, 70c. per 100; (by mail, postpaid, 50 for 50c.; 90c. per 100); \$5.50 per 1,000; 2 years old, 75c. per 100; \$5.75 per 1,000, by freight or express (500 roots at 1,000 rate).

BARR'S MAMMOTH

In Philadelphia is much sought after, and sells at top-notch prices on account of its large size and fine appearance. Seed: Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c. Good, Strong Roots, 1 year old, 85c. per 100 (by mail, postpaid, 50 for 50c.; 85c. per 100); \$4.25 per 1,000; 2 years old, 70c.

per 100; \$4.75 per 1,000 (500 roots at 1,000 rate).

PALMETTO ASPARAGUS

Extensively grown for New York and Philadelphia markets, where it sells at high prices, owing to its fine size and regularity. Seed and Roots, same prices as Barr's Mammoth.

CONOVER'S COLOSSAL ASPARAGUS

A well-known old standard variety. Prices of Seed: Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c. Splendid Strong Roots, 1 year old, 50c. per 100 (by mail, postpaid, 70c. per 100); \$4.00 per 1,000; 2 years old, 60c. per 100; \$4.50 per 1,000.



TWO-YEAR-OLD ASPARAGUS ROOT.



NEW GIANT GREEN POD STRINGLESS VALENTINE BEAN. Earlier, more prolific, with pods $\frac{1}{2}$ larger than Valentine. Pint, 20c.; qt., 35c., postpaid; qt., 20c.; peck, \$1.25; bush., \$5.00, by express.

CURRIE'S RUST-PROOF BLACK WAX BEAN. Extremely early, large pods. The best Wax Bean for market and shipping. Pint, 20c.; qt., 35c., postpaid; qt., 20c.; peck, \$1.25; bush., \$5.00, by express.

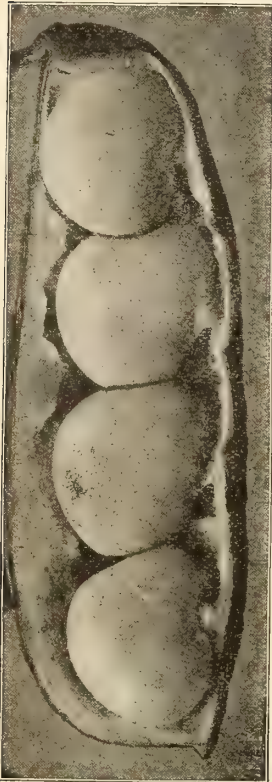
BEANS—Dwarf Green Podded

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

	By Mail, Postpaid.		By Express or Freight.		
	Pint.	Qt.	Qt.	Peck.	Bush.
Large, full-sized packets of any variety of Beans, 5c. each.					
Half pecks and half bushels supplied at peck and bushel rates					
Improved Round Pod Red Speckled Valentine. Finest strain	\$0 20	\$0 30	\$0 15	\$1 00	\$4 00
Refugee, or Thousand to One. Medium early, hardy, productive	20	30	15	1 00	4 00
New Extra Early Refugee. Two weeks earlier than the old Refugee.	20	35	20	1 10	4 25
Giant Green Pod Stringless Valentine (see illustration above)	20	35	20	1 25	5 00
Stringless Green Pod. Extra early and of very fine quality	25	40	25	1 40	5 50
Black Valentine. Long, round, solid green pod, black seed	20	35	20	1 15	4 50
Longfellow. Long, straight, round, solid, green pods, very early	20	35	25	1 15	4 50
Hodson Green Pod. Superior new sort. See Novelties, page 4	25	40	25	1 40	5 50
Long Yellow Six Weeks. Early, with full, flat green pods	20	35	20	1 15	4 50

BEANS—Dwarf Wax Podded

Currie's Rust-Proof Black Wax (see illustration above)	20	35	20	1 25	5 00
New Round Pod Kidney Wax. New, superior. One of the best round-podded wax beans in cultivation	25	40	25	1 50	5 75
Golden Wax. The well-known old sort; popular for market	20	35	20	1 25	5 00
Grennell's Improved Rust-Proof Golden Wax. Very superior	25	40	25	1 40	5 50
Wardwell's Kidney Wax. Very popular, long, broad, flat pods	25	40	25	1 50	6 00
Davis Kidney Wax. A new white-seeded bean. Long, oval pods	25	40	25	1 50	6 00
Hodson Wax Bush. New variety, something extra fine. See description and prices under Novelties, page 4	25	40	25	1 50	6 00
Keeney's Improved Refugee Wax. A decided improvement	25	40	25	1 50	6 00
Dwarf German Black Wax, or Butter. Well-known old sort	25	40	25	1 40	5 50
New Prolific German, or Cylinder Wax. Very early and prolific	25	40	25	1 60	6 25
Keeney's Pencil Pod Black Wax. Round, full and stringless	25	40	25	1 35	5 25
Fuller's Ringleader. The best Black Wax yet introduced	25	40	25	1 60	6 25
Golden-Eyed Wax. Early, hardy and prolific; popular market sort.	25	40	25	1 50	6 00
Flageolet Wax. Early, very large, flat, stringless pods	25	40	25	1 60	6 25



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, 25c.; qt., 45c., postpaid; by express or freight, qt., 30c.; peck, \$1.75; bush., \$6.50.

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, 25c.; qt., 45c., postpaid; by express or freight, qt., 30c.; peck, \$1.75; bush., \$6.50.

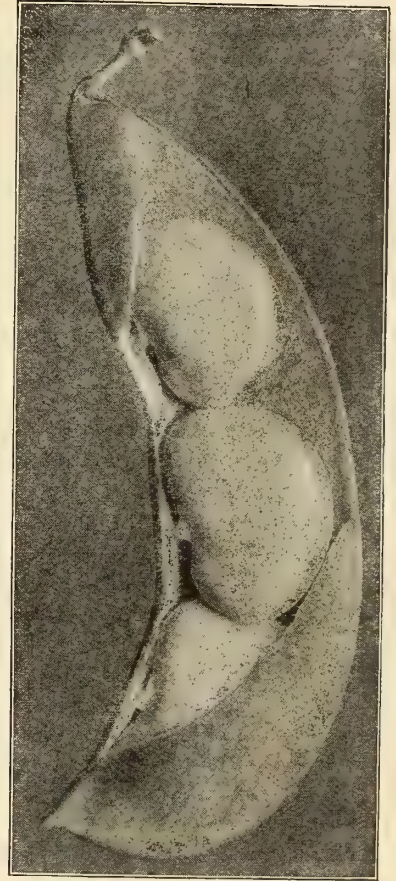
Dwarf White or Burpee Bush

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., 45c., postpaid; by express or freight, qt., 30c.; peck, \$1.75; bush., \$6.50.

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.; pint, 25c.; qt., 45c., postpaid; by express or freight, qt., 30c.; peck, \$1.75; bush., \$6.25.



NEW WONDER BUSH LIMA. POD 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, \$1.75; bush., \$6.25.

BEANS—White Shelling Varieties

Large packets, 5c. each.

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 . . .

BEANS—Pole or Running

New Golden Andalusia Wax. Most productive and profitable or 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. **Old Homestead Wax Pole Bean.** A yellow-podded variety of the Improved Kentucky Wonder or Green-Podded Old Homestead. Very early; very large, tender, fleshy pods, borne in great clusters,

By Mail, Postpaid.		By Express or Freight.		
Pint.	Qt.	Qt.	Peck.	Bush.
\$0 20	\$0 30	\$0 15	\$1 00	\$4 00
20	30	15	1 00	4 00
20	30	15	90	3 50
20	30	15	1 00	4 00
20	30	15	90	3 50
25	45	30	1 70	6 50
25	45	30	1 70	6 50
25	45	30	1 60	6 00
25	40	25	1 50	5 50
25	45	30	1 75	6 50
25	40	25	1 35	5 25
25	40	25	1 35	5 00
25	45	30	1 70	6 50

POLE LIMA BEANS



SHOTWELL'S IMPROVED POLE LIMA.

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., \$8.00.

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 8 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., \$7.00.

Twenty quarts of Pole Limas are required to plant an acre in hills 4 x 4 feet. We sell Large Packets of each variety, 5c. each. Pints, when sent by freight or express, at half the quart rates; half peck and half bushel at peck and bushel rates.

SEIBERT'S EARLY POLE 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 POLE 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 \$3.60 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.

SALEM EVERGREEN POLE LIMA. The Salem 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.

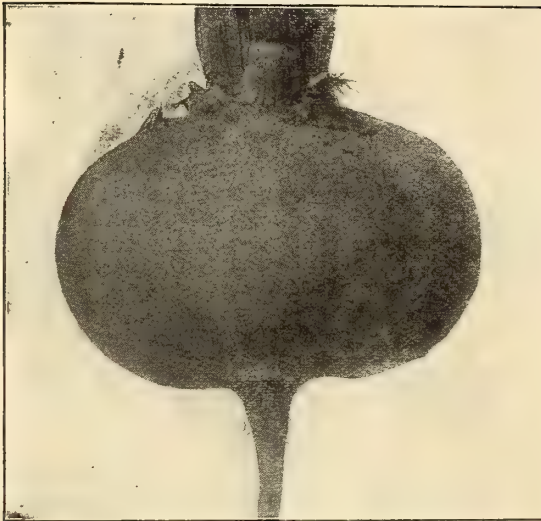
KING OF THE GARDEN POLE LIMA. More prolific than the ordinary Lima, bearing pods 5 to 6 inches long in clusters of four and five, with five to six beans in a pod. Pkt., 10c.; pint, 25c.; qt., 45c., postpaid; by express or freight, qt., 30c.; peck, \$1.75; bush., \$6.50.

SALEM MAMMOTH POLE 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 POLE 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





CROSBY'S IMPROVED EGYPTIAN, the earliest beet.

CROSBY'S IMPROVED EGYPTIAN BEET

This is our leading extra early beet for market gardeners' use; equally good for the home table. It is earlier than the old Extra Early Egyptian, larger in size, smooth, and of the form as shown in our photographic illustration above. It retains its superior quality and does not become woody and tasteless like the old Egyptian when allowed to stand too long. It may be sown outside as late as July. This beet was originated from the Extra Early Egyptian by Mr. Crosby and is a very shy seeder. Our stock is grown from stock seed selected by the originator, and is superior in every way. Price, per pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 75c., by mail, postage paid; by express, lb., 65c.; 5 lbs. and over, 60c. per lb.



LANIER'S SUPERBA, most perfect beet in existence.

LANIER'S SUPERBA BEET

For more than fifty years and until his death, our old friend, William Lanier, 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 Lanier'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. Lanier selected with a critical eye the most perfect beets from each crop for seed stock to plant for his own use. The photograph gives an idea of its beautiful bell shape, between a turnip and a half-long beet. A strong, vigorous grower, producing marketable beets very early, of a dark carmine color and very tender. Price, pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

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

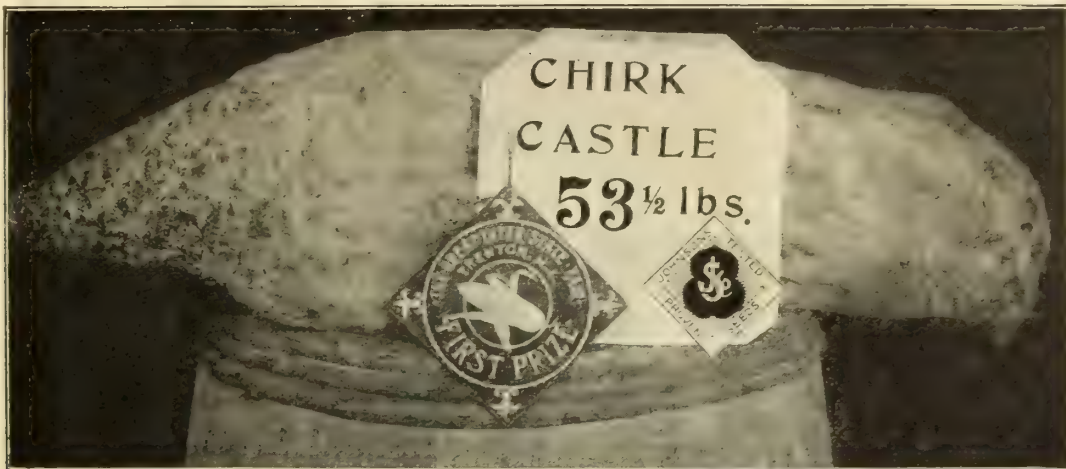
All varieties in regular large-sized packets, at 5c. per packet.

	Per oz.	¼ lb.	Per lb.
Extra Early Egyptian Blood Turnip. A standard early sort with small top	\$0 10	\$0 20	\$0 55
Ruby Dulcet. Fine globe shape, blood-red, small top, finest quality	10	25	90
Johnson's Surprise. Extra early, small top, splendid shape and color	10	25	90
Improved Eclipse. A fine round beet of first quality; very early, greatly improved, New Meteor. Fine round shape, skin dark blood-red, flesh red, very sweet	10	20	70
New Meteor. Fine round shape, skin dark blood-red, flesh red, very sweet	10	25	85
Crimson Globe. Round, smooth, deep purplish crimson, very sweet	10	20	65
Lentz Extra Early Blood Turnip. Popular market sort, very showy, fine quality, Bastian's Early Blood Turnip. Very popular, small top, flesh zoned, very sweet	10	20	55
Bastian's Early Blood Turnip. Very popular, small top, flesh zoned, very sweet	10	20	55
Early Bassano. Quite early, very sweet, light-colored flesh, fine form	10	20	55
Detroit Dark Red Turnip. Of fine dark color and form; splendid for market	10	20	75
Dark Stinson. Very popular with Philadelphia gardeners; good for winter use	10	20	65
Edmands' Early Red Turnip. Fine medium early, deep red, very uniform	10	20	65
Bastian's Half-Long Blood. One of the most popular winter keepers	10	20	55
Long Smooth Blood Red. An excellent, large, very late sort, fine keeper	10	20	55
Swiss Chard, or Silver. Cultivated for leaves, which are used as greens	10	20	65

\$50.00 in Cash Prizes for the largest and heaviest Chirk Castle and Taber's Gate Post Mangel Beets grown in 1907.

We will pay, October 15, 1907, \$25.00 for the heaviest, \$10.00 for the second heaviest, \$5.00 for the third heaviest and \$2.00 each for the next heaviest five. Beets must be grown from our seeds and reports of weights sent by mail. We will then order the prize-winning specimens sent in for exhibition at our store.

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.

Our new leaflet-essay, just published, entitled "Beets, Mangel-Wurzels and Sugar Beets for Stock Feeding," will be sent free with orders when requested.

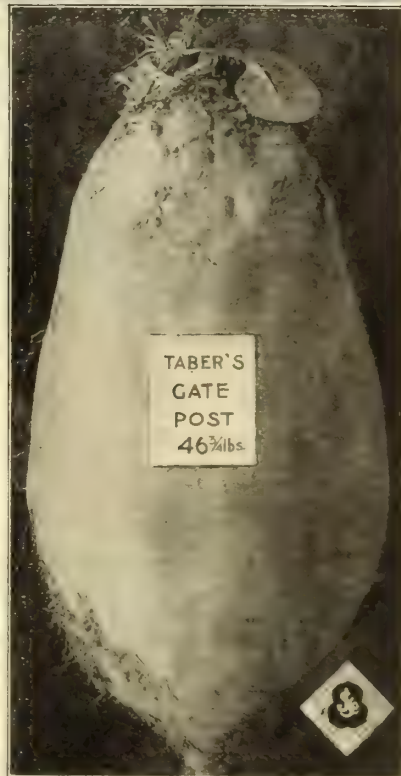
CHIRK CASTLE MANGEL-WURZEL BEET

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., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 60c., postpaid; by freight or express, lb., 50c.; 5 lbs. (enough for one acre), \$2.25; 10 lbs. and over at 40c. per lb.

TABER'S GATE-POST

The Largest and Best Yellow Mangel

Originated by Mr. Taber, the prominent English seed grower. Since its introduction in England and in this country, a few years since, has rapidly popularized itself, and is pronounced by leading farmers the most useful Mangel that can be grown. Its handsome, clean roots are very heavy, often weighing 40 pounds and over, and producing 2,000 to 2,500 bushels to the acre. Our seed of this now famous sort is grown for us by the originator in England. Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 60c., postpaid; by freight or express, lb., 50c.; 5 lbs. for \$2.25; 10 lbs. or more, 40c. per lb.



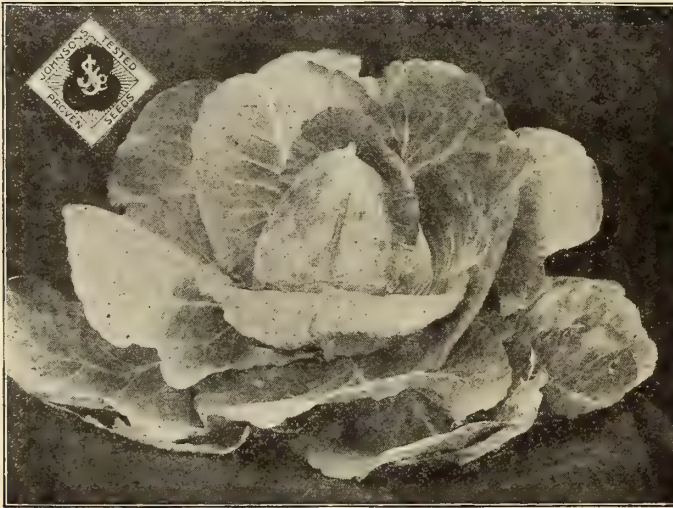
All varieties in regular large-sized packets, at 5c. per packet.

If ordered to be sent by mail, add 10c. per lb. to prices, or if ordered in 5-lb. lots, 5c. per lb. may be deducted.

	Per oz.	1/4 lb.	Per lb.
Mammoth Long Red Mangel. Sometimes called Jumbo, Norbitan Giant, and Colossal. The old variety, extensively grown for stock feeding	\$0 10	\$0 15	\$0 30
Golden Giant Intermediate (Yellow Leviathan Mangel). Grows more than half above ground; flesh white, firm, sweet, very popular	10	15	30
Champion Yellow Orange, or Globe. Heavy cropper; succeeds on light land	10	15	30
Golden Tankard Mangel. Broader than Mammoth Long Red; hardy and early.	10	15	30
Giant Half Sugar Rose. A cross of the Mammoth Red Mangel and Improved Sugar Beet, containing more sugar than other Mangels; large and smooth	10	15	40
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	30

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'S VERY EARLIEST CABBAGE. 10 days earlier than Early Jersey Wakefield.

mand the early market in your neighborhood. The heads are remarkably uniform. Price, pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$4.00; 2 lbs., \$7.50; 5 lbs. and over, at \$3.50 per lb.

Johnson's Extra Selected Early Jersey Wakefield Cabbage

While this sort is not so early as Johnson's Very 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.; $\frac{1}{4}$ lb., 70c.; lb., \$2.50.

JOHNSON'S VERY 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-

An Ideal List of Early and Summer CABBAGES

JOHNSON'S STANDARD STRAINS

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

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
Johnson's Quick-Cash. Novelty, earliest and hardest flat-headed cabbage. A perfect wonder in earliness and fine quality. See page 5. Pkt., 15c.	\$0 40	\$1 10	\$4 00
Early Giant Leader. Large solid heads; very tender	35	1 00	3 50
Enkhuizen Glory. New cabbage from Holland, early, large, solid, white	30	85	3 00
Earliest Etampes. An extra early small French sort, with pointed heads	20	50	1 75
Early Spring. A round, flat-headed cabbage, as early as Jersey Wakefield	20	60	2 25
Charleston, or Large Wakefield. About a week later than Jersey Wakefield	25	75	2 75
Early Danish Round Head. Early, hard and solid. See Novelties, page 5	25	70	2 50
Early Winnigstadt. (Grown from Prussian Prize Stock.) Those intending to plant this variety will find our strain superior in earliness, size and solidity	20	50	1 75
All Head Early. A flat head, coming in with Early Summer; much larger	20	60	2 25
Early Flat Dutch. We offer a remarkably fine strain; a sure, solid header	20	55	2 00
Henderson's Early Summer. A most popular and superior second early sort	20	55	2 00
All Seasons (Vandergaw). One of the finest, growing to a large size quickly	20	55	2 00
Henderson's Succession. An excellent second early; on style of All Seasons	20	60	2 25
Louisville Early Drumhead. Dark, bluish-green color; popular in the Southwest,	20	55	2 00
Fottler's Improved Flat Brunswick. Large, solid heads; fine for early or late,	20	55	2 00

Johnson's Market Gardeners' No. 2 Cabbage

A FLAT-HEADED CABBAGE, COMING IN WITH WAKEFIELD AND PRODUCING DOUBLE THE CROP OF ANY OTHER EXTRA EARLY



JOHNSON'S 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., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50; 5 lbs. and over, \$3.00 per lb.

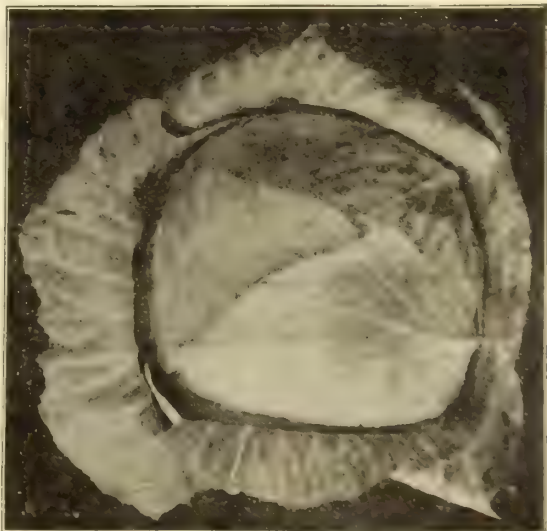
Louderback's All the Year Round Cabbage

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., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

GENUINE DANISH BALL-HEAD CABBAGE

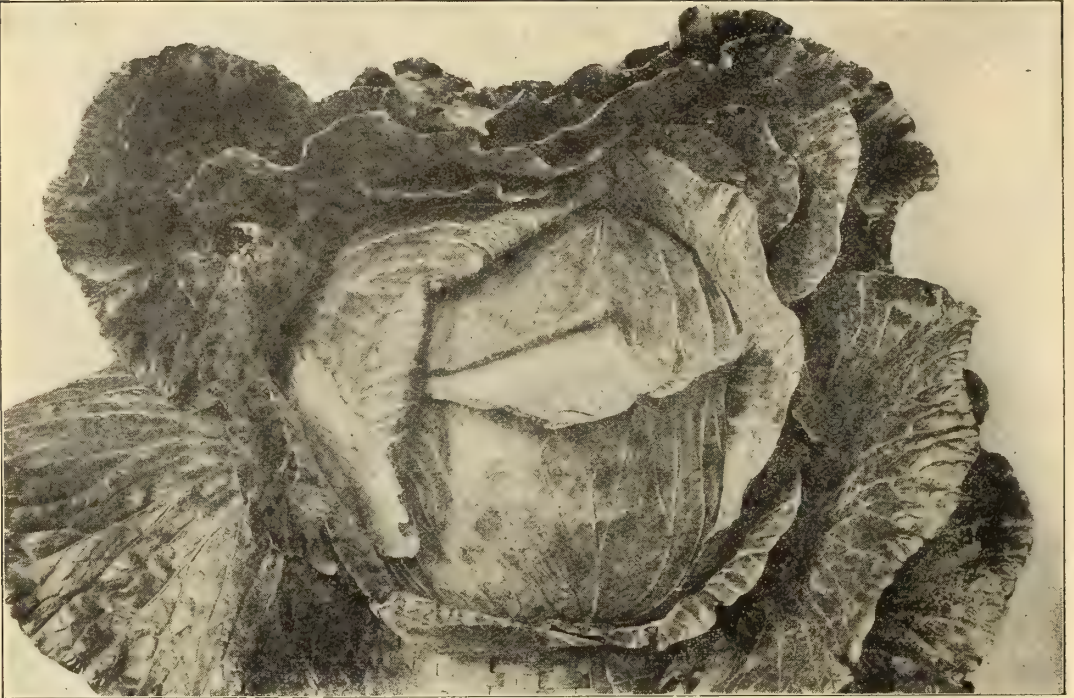
Seed Grown by the Originator in Denmark

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.

FOR OTHER VARIETIES OF CABBAGES,
SEE NOVELTIES, PAGE 5



JOHNSON'S 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., 70c.; lb., \$2.25.

An Ideal List of Standard Late or Winter CABBAGES
All varieties in regular large-sized packets at 10c. per packet.

	Per oz.	¼ lb.	Per lb.
Surehead. (Original seed.) Strong, vigorous; very uniform; large and solid . . .	\$0 20	\$0 55	\$2 00
Rockhead Winter. Large, perfect shape, sure header and long keeper	20	60	2 25
Autumn King, or World Beater. A new strain; enormous solid heads	20	55	2 00
The Houser. Very late; hard header, large and fine. Splendid keeper	25	75	2 75
Worm-Proof Hardiana. A fine, hard heading winter cabbage; leaves glazed	30	90	3 25
Short Stem Drumhead. Surpasses the old Late Drumhead, ripening earlier	20	55	2 00
Large Late Drumhead. Old favorite winter sort; valuable for main crop	15	45	1 65
Premium Flat Dutch. Largely grown for main crop; a favorite for winter market,	15	45	1 65
Improved Red Dutch Erfurt. Very hard heads; deep blood color; for pickling,	20	55	2 00
Mammoth Red Rock. Largest, hardest heading and best red cabbage	20	55	2 00
Johnson's Hard Heading Savoy. The best flavor, equal to cauliflower. See cut,	25	75	2 75



JOHNSON'S HARD HEADING SAVOY CABBAGE. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.

BRUSSELS SPROUTS, or MINIATURE CABBAGE

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. The small cabbages grow on stalks in great profusion. It is not the least affected by frost, and equal to cauliflower in flavor.



BRUSSELS SPROUTS.

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.

LONG ISLAND STRAIN. Compact sprouts, largely grown for New York markets. Pkt., 10c.; oz., 25c.; ¼ lb., 65c.; lb., \$2.40.



JOHNSON'S ALABASTER. Pkt., 25c.; oz., \$3.75; ¼ lb., \$12.00.

Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c.; 5 lbs., \$3.75.

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.
Johnson's Early Alabaster. One of the best cauliflowers in cultivation ; easiest grown, surest header and earliest. See photograph above . . .	\$0 25	\$3 75	\$12 00	\$45 00
Gilt Edge Early Snowball. Extra fine stock. For forcing under glass during winter and early spring, or for planting later in the open ground, Pearl of Denmark. The latest novelty from Denmark. See page 5	25	2 25	7 00	25 00
Extra Early Dwarf Erfurt (Extra Selected). For forcing or open ground, Danish Dry Weather. Almost as early as Snowball, with larger heads .	30	5 00		
Extra Early Paris. Heads of medium size ; first-class, sure header . . .	25	2 25	7 00	25 00
Lenormand Short Stem. Has very large heads ; white, firm and late . .	25	3 50	11 00	40 00
Large Algiers. Market gardeners' popular late sort ; enormous size . . .	10	65	2 25	7 00
Veitch's Autumn Giant. Vigorous in growth, very large and late . . .	10	60	2 00	6 50
	10	65	2 25	7 00
	10	50	1 75	5 50

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.

	Per oz.	¼ lb.	Per lb.
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, 75c. per lb., by freight or express	\$0 10	\$0 25	\$0 80
Improved Danvers. (Improved American Strain.) Top small ; color rich orange ; shape, <i>handsome and smooth</i> ; superior quality ; valuable also to grow for feeding stock, being well adapted to all soils. 5 lbs. for \$3.25, by express,	10	25	75
New French Market. (French seed.) Fine deep orange color, beautiful, smooth, distinct, half-long shape, free from core. Heavy cropper and a great keeper,	10	25	85
Early Scarlet Horn. (Short Horn.) Old standard and favorite early sort . .	10	25	80
Ox-Heart, or Guerande. Early, short, thick, very smooth and handsome . . .	10	25	80
Early Half-Long Scarlet, Pointed. Very productive and handsome, fine quality,	10	25	85
Chantenay. (Stump-rooted.) Similar to the old French Nantes carrot	10	25	80
Saint Vallery, or Intermediate Red. Rich red color ; late, thick and smooth,	10	25	80
Long Orange. (Improved.) Well-known standard sort. 5 lbs., \$3.00, by express,	10	25	80
Nichols' Long Orange. Much earlier than old Long Orange, shorter top ; color, deep orange red. Perfectly smooth. 5 lbs. and over, 70c. per lb. . . .	10	25	90
Large White Belgian. For cattle feeding ; very productive and large	5	15	50
Large Yellow Belgian. Differing from above in color ; a fine late keeper . . .	10	20	60



PARIS GOLDEN SELF-BLANCHING. From French seed.

Paris Golden Self-Blanching Celery

While we have annually had contracts with the originator of this grand celery in France, this is the second season we have been able to secure a good supply from this source. Market gardeners in many sections 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.; $\frac{1}{4}$ lb., \$1.20; lb., \$4.50.



WINTER QUEEN CELERY. The best late or winter keeper.

WINTER QUEEN CELERY

Since the introduction of this very valuable 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 much stouter, thicker and heavier, with double the amount of heart of other sorts. Ribs blanch to a creamy white, solid, crisp and of nutty flavor. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

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.

- Johnson's Perfected White Plume.** The earliest and easiest celery to grow, blanching without even earthing up. See photograph, next page . . .
- Myers' Quick Growing White Plume.** Popular Philadelphia market garden strain, being very early, and also a good keeper . . .
- New Columbia.** Now first offered. See Novelties, page 6 . . .
- Johnson's 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 . . .
- Johnson's New Cremona.** Sport from Winter Queen; fine late keeper; easily grown, . . .
- Giant Pascal.** Popular green sort, very brittle, crisp and nutty in flavor; pkt., 5c., . . .
- Perle le Grand.** A new, large, green celery, for early and late use; pkt., 5c. . .
- Golden Dwarf, or Golden Heart.** Fine, large, solid, waxy-golden heart; pkt., 5c., . . .
- Perfection Heartwell.** Large heart; superior quality; excellent for winter; pkt., 5c., . . .
- Schumacher.** Immense size; solid, crisp; firm golden-yellow heart; late keeper . . .
- Fin de Siecle.** A fine selection from Schumacher; fine keeper and shipper . . .
- Giant White Solid.** Of tall, large size; very solid, pure white; pkt., 5c. . .
- Soup or Flavoring Celery.** (Old Seed.) Used for flavoring soups, stews, etc. . .
- CELERIAC, or Turnip-Rooted Celery.** Extra Large Smooth Prague. Pkt., 5c., . . .

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 25	\$0 80	\$3 00
25	80	3 00
50	1 25	4 75
40	1 20	4 50
35	1 00	3 75
15	45	1 75
20	60	2 00
15	45	1 75
20	60	2 00
20	65	2 40
25	75	2 75
15	45	1 75
5	10	25
15	40	1 50

HAVE YOU READ MY IMPORTANT PERSONAL LETTER, OPPOSITE PAGE 1 ?

IF NOT, IT WILL INTEREST YOU.

HERBERT W. JOHNSON



JOHNSON'S PERFECTED WHITE PLUME. The earliest celery. Our extra selected and perfected market garden strain is entirely free from green celery found in most other strains of this important sort. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.; lb., \$3.00.

Get the Best Johnson's

Seeds that Grow and a List of Varieties it Pays to Grow

LANIER'S SUPERBA BEET

C. J. BECKLER, Turnersville, N. J., writes: "Lanier's Superba Beet is the finest and handsomest of all beets; tender and very sweet. I will plant no other in future."

JOHNSON'S QUICK-CASH CABBAGE

GEORGE GURYWIN, Fort Gaines, Fla., writes: "I set your Quick-Cash Cabbage out April 7th, and sold first cabbage in fifty-nine days. It was fifteen days ahead of all other early varieties. I could not supply the demand. Will plant more largely next year."

OUR MARKET GARDENERS' CABBAGE No. 2

JOHN KARL, North Columbus, Ohio, writes: "Your Market Gardeners' Cabbage No. 2 is the best cabbage that grows. I sold heads on the 4th of July that weighed 13 pounds. It far surpassed all others in yield and quality."

OUR MATCHLESS FLAT DUTCH CABBAGE

JOHN W. MILLER, Allentown, Pa., writes: "Your seeds are simply perfect. I have about ten thousand of your Matchless Late Flat Dutch Cabbage, and it is the finest and most salable late cabbage I have ever grown or seen."

JOHNSON'S ALABASTER CAULIFLOWER

P. DILTY, Sand Brook, N. J., writes: "Early Alabaster is the earliest, handsomest, easiest to grow and surest heading cauliflower I have ever seen."

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.; $\frac{1}{4}$ 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.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

CRESS

One ounce will sow about 15 square feet.

EXTRA CURLED. (*Pepper Grass.*) Fine flavor; will cut several times. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

TRUE WATER CRESS. A well-known aquatic plant, with oval leaves, making a delicious and appetizing salad. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 90c.; lb., \$3.25.

CORN SALAD, or FETTICUS

One ounce will sow about 18 square feet and 6 pounds will sow 1 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 1 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., 15c.; lb., 55c.

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.; pint, 20c.; qt., 40c., postpaid; lb., 15c.; 2 lbs., 25c.; 10 lbs., \$1.00; 25 lbs., \$2.00; 50 lbs. and over, 7c. per lb., by freight or express.

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., 35c., 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 larger lots.

JOHNSON'S RUBICON CARROT

ERWIN CHURCH, Ellsworth, Mich., writes: "Your Rubicon Carrots are the best I have ever grown; they yielded over 1,000 bushels per acre. A single carrot weighed 3 pounds 15 ounces, perfect in shape and quality."

JOHNSON'S PERFECTED WHITE PLUME

M. WETTERLING, Ionia, Mich., writes: "Next week I shall begin to market my second crop of Perfected White Plume Celery, grown on the same ground. My first crop was in the market the 18th of June."

WINTER QUEEN CELERY

JOHN ROBINSON, Fairport, N. Y., writes: "I grow celery largely for market and have found your Winter Queen by far the best long-keeping winter celery I ever raised, a great boon to market gardeners."

PEEP O' DAY SWEET CORN

WILSON TURNER, Greeley, Col., writes: "Your Peep o' Day Corn is of most excellent quality, at least a week ahead of Cory. It is my choice of all early sweet corns."

MAAMOTH EARLY EPICURE CORN

GEORGE HANSON, Bethel, Conn., writes: "I never saw or tasted a better extra early variety of sweet corn than your Mammoth Epicure."

PLANT JOHNSON'S SWEET CORN AND KEEP SMILING



PEEP O' DAY SWEET CORN.

Our Sugar Corn is Connecticut-grown and of the very best quality—much superior to the Nebraska or other Western-grown, which is sold so generally by seedsmen.

Our crops have been unusually large and fine in quality the past season, hence we make prices lower than usual.

New Sweet Corn, Peep o' Day

The two points of this new corn are its extraordinary earliness and sweetness. It is also very productive, the stalks bearing from two to five ears each, and are very dwarf, which admits of their being planted close together. Pkt., 10c.; pint, 20c.; qt., 30c., by mail, postpaid; by express, qt., 20c.; peck, \$1.10; bush., \$4.25.

Mammoth Early Epicure

A new sort, maturing several days earlier than Crosby; ears very large for a corn so early, 8 to 10 inches long; rich, sugary flavor; valuable for early market or home use. Pkt., 10c.; pint, 20c.; qt., 30c., by mail, postpaid; by express or freight, qt., 20c.; peck, \$1.10; bush., \$4.25.

Varieties of Sweet Corn are arranged in the order of maturity.
Large packets, 5c. each; ears, 10c. each.

	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 15	\$0 25	\$0 15	\$0 65	\$2 40
Buck Mountain. Resembles Burlington Hybrid, earlier and smaller ears; valuable only for early market	15	25	15	90	3 50
Burlington Hybrid. Most profitable for market; resembles sweet corn; nearly as early as Adams', with ears as large as Evergreen,	15	25	15	80	3 00
New White Mexican. A delicious surprise. See Novelties, page 7,	20	30	20	1 10	4 25
Golden Bantam. Very early. See Novelties, page 7	30	50	40	2 50	
Early Cory, or First of All. Very early, with fair-sized ears . . .	15	25	15	1 00	3 75
Holmes' Premo. Large ear; 60-day corn; very sweet and hardy . .	15	25	15	1 00	4 00
Minnesota. Nearly as early as Cory; of dwarf growth; ears white,	15	25	15	90	3 50
New Mammoth White Cory. A selection from the old White Cory, which it has displaced; fully as early, with larger ears,	15	25	15	1 00	3 75
New Early Champion. Ripens ahead of Crosby's; larger ears . .	15	25	15	1 00	3 75
Kendel's Early Giant. Large, handsome ears; ready in 70 days . .	15	25	15	1 00	4 00
Metropolitan. Grows vigorously; free from smut; fine quality,	20	30	20	1 10	4 25
Crosby's Extra Early. Fair-sized ears; of excellent quality . . .	15	25	15	1 00	4 00
Perry's Hybrid. Very early and of large size; valuable for market,	15	25	15	1 00	3 75
SECOND EARLY, or INTERMEDIATE VARIETIES					
Potter's Excelsior, or Squantum. Ears large and well filled out,	15	25	15	90	3 50
Shaker's Early. Very large, white grain; early and productive . .	15	25	15	1 00	3 75
Stabler's Early. Grains deep, of fine quality; fine for market . .	15	25	15	1 00	4 00
The Honey. Husks and stalks deep red color; ears cream white . .	15	25	15	1 00	4 00
New Early Evergreen. Ears as large as Stowell's; 10 days earlier,	15	25	15	1 00	3 75
Early Mammoth, or Asylum. Much earlier than Late Mammoth,	15	25	15	1 00	4 00
LATE, or GENERAL CROP VARIETIES					
Country Gentleman. One of the sweetest of all for home table . .	20	30	20	1 15	4 50
Ziz-Zag Evergreen. Good-sized ears, deliciously sweet	15	25	15	1 00	4 00
Shoe Peg, or Ne Plus Ultra. Small ears, with very irregular rows,	15	25	15	1 00	4 00
Stowell's Evergreen. Original stock as introduced by Mr. Stowell,	15	25	15	90	3 00
Black Mexican. Black grains, sweet and delicious; fine for home use,	20	30	20	1 10	4 25
Late Mammoth. The largest ears of all; rich, sweet and superior . .	15	25	15	1 00	3 50



JOHNSON'S IMPROVED ARLINGTON WHITE SPINE. The most profitable cucumber for market, shipping or home use.

Johnson's Improved Arlington White Spine Cucumber—Extra Select

A marked improvement over all other strains of White Spine. The vine is very hardy, and its earliness has been developed until the first fruit is ready for shipment a week or more in advance of any of the old White Spines. The color is a clear, rich green, brilliant and permanent to an extraordinary degree. Its shapely form is well shown in our photograph above. In productiveness it ranks first, the cucumbers being set in profusion, close to the hill, and of unequalled symmetry and uniformity. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25, postpaid; by express, lb., \$1.15; 5 lbs. and over, \$1.00 per lb.

CUCUMBERS

One ounce will plant about fifty hills, two pounds will plant one acre.
Large packets, 5c. each.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
Peerless, or Improved White Spine. A fine strain; very early and handsome . . .	\$0 10	\$0 20	\$0 65
Evergreen White Spine. Retains its deep green color in all stages of growth . . .	10	25	80
Arlington White Spine. Old standard for market and shipping. See cut below . . .	10	25	80
Coy's Early Cyclone. The earliest White Spine by 3 weeks. Wonderfully prolific, . . .	10	25	90
Johnson's Hot-House Forcing. Seed from hot-house-grown cucumbers. Something extra good; equally valuable for growing outside. Pkt., 10c.	45	1 35	5 00
Davis' Perfect. For forcing or outdoors. See Novelties, page 6. Pkt., 10c.	20	55	2 00
New Klondike. Early, prolific, attractive, dark green; crisp. Fine for market, . . .	10	25	80
Early Frame, or Short Green. For slicing or pickling; productive and early . . .	10	20	65
Westerfield's Chicago Pickle. One of the best pickles; very popular West . . .	10	20	75
Nichol's Medium Green. Thick through; full ends; for slicing or pickling . . .	10	20	75
Green Prolific, or Boston Pickling. Dark green; uniform small size; productive, . . .	10	20	75
Improved Long Green. (Jersey Pickle.) Dark green; crisp and productive . . .	10	20	75
Johnson's Perfected Jersey Pickle. New and fine. The best pickle. See cut . . .	10	25	90
New Cumberland. Very prolific, fine for pickling or slicing	10	25	90
Fordhook Pickling. Excellent new sort, but not equal to Johnson's Perfected . . .	10	25	90
Giant of Pera. Grows 1 to 1 $\frac{1}{2}$ feet long; one of the best for table use	10	30	1 00
West India Gherkin, or Burr. Small; prickly fruits; best for small pickles . . .	15	35	1 25



OLD ARLINGTON WHITE SPINE CUCUMBER.



JOHNSON'S PERFECTED JERSEY PICKLE.



NEW EARLY BLACK BEAUTY EGG-PLANT.

Endive

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

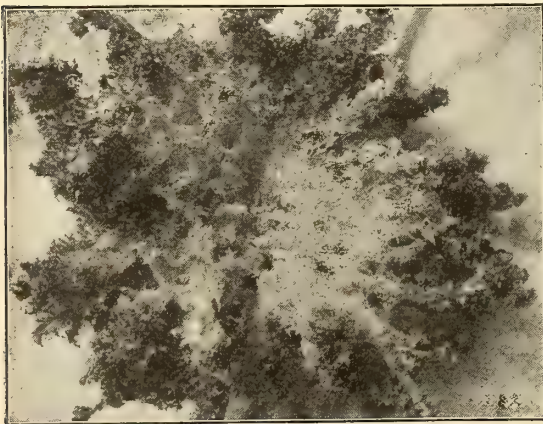
MAMMOTH GREEN CURLED. Superior to the old Green Curled. Leaves are very crisp, tufty and full. Mid-rib is pure white, with large, white heart, fleshy and tender. Equally suitable for spring, summer or autumn planting. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.60.

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; $\frac{1}{4}$ 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; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

BROAD-LEAVED (Escarolle). Large and sweet, blanched as salad. Pkt., 5c; oz., 15c; $\frac{1}{4}$ 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; $\frac{1}{4}$ lb., 60c; lb., \$2.00.



NEW BERLIN GIANT ENDIVE.

EGG-PLANT

CULTURE.—Sow in hot beds very early in spring and transplant when 2 inches high into a second bed or into small pots. If this is not done, thin to 4 inches apart. Do not plant out until weather has become perfectly settled and warm. Cool nights or wet weather will check them. Keep some back in frames for a second planting, in case of weather changing unexpectedly. Set out plants 3 feet by 2. One ounce will produce about 1,000 plants.

EARLY BLACK BEAUTY EGG-PLANT. This is the earliest and best market and family sort of all the large variety egg-plants. It is fully ten days earlier than the New Jersey Improved Large Purple, and sets its large, handsome fruit very freely, branching near the ground and growing into well-rounded bushes. Its fine fruits are thick and most perfect in form, as shown in the illustration. The skin has a satiny gloss and is of a rich, lustrous, purplish black. Plants bear from ten to twenty perfect, large, uniform fruits, which do not turn gray even after becoming fully ripe, and the entire crop can be gathered before frost. Price, per pkt., 10c; per oz., 40c; per $\frac{1}{4}$ lb., \$1.15; per lb., \$4.25.

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; $\frac{1}{4}$ 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; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

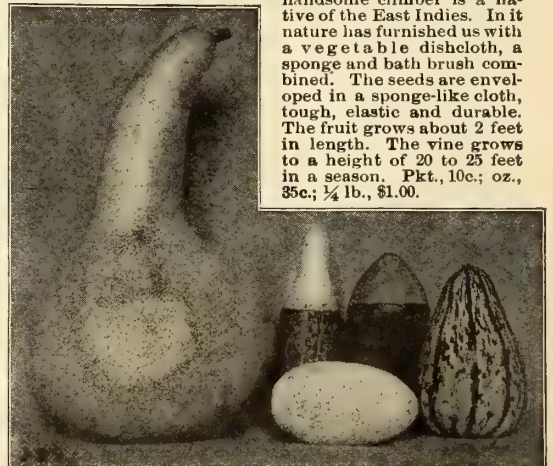
Dandelion

IMPROVED LARGE, OR THICK LEAVED. A very early and healthful spring salad. Sow early in drills eighteen inches apart. Pkt., 10c; oz., 55c; $\frac{1}{4}$ lb., \$1.50.

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 2 feet in length. The vine grows to a height of 20 to 25 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 6 to 12 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.

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. **Common variety** 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.

Maliner Kren

A New Horse Radish from Bohemia

This new sort was brought from Bohemia by Mr. Fairchild, Agricultural Explorer for the office of Plant Introduction of the United States Department of Agriculture.

The roots grow to a very large size, perfectly white, and suited to almost any soil. Roots set in April will yield a large crop in October. Grows much more rapidly than the old variety, and its flavor is the very best; especially is the difference noticeable in early fall, when the old variety would be too green for use. It is a profitable crop for the farmer, and should be planted in every home garden, as it can be grown as easily as potatoes or corn, simply by sticking down the cuttings in rows, cultivating same as cabbage and plow out in the fall or spring, same as potatoes, parsnips or carrots. **SMALL ROOTS**, ready for planting: 25c. per dozen, or \$1.50 per 100, by mail, postpaid. By express or freight, not prepaid; Roots of larger size, \$1.00 per 100; \$7.00 per 1,000.

Garlic

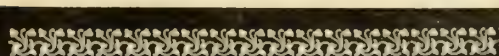
The sets should be planted in spring. Cultivate same as onions. Sets, per $\frac{1}{4}$ lb., 15c.; lb., 40c., postpaid; by express, lb., 30c.; 10 lbs. and over, 25c. per lb.

Kale—Borecole

One ounce will produce about two thousand plants. **JOHNSON'S 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. Height, 2 feet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

EXTRA DWARF, or SOUTHERN GREEN CURLED SCOTCH. 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. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

PHILADELPHIA GREEN CURLED SCOTCH. A favorite with Northern gardeners, growing about 2 feet in height and harder than the Extra Dwarf Green Curled Scotch, being improved by frost; leaves green and beautifully curled. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.



SEND FOR IT
MAILED FREE

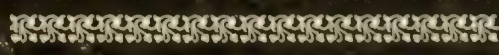
IF INTERESTED IN POULTRY, PIGEONS OR BEES

**JOHNSON'S POULTRY
SUPPLY CATALOGUE**

IS FULL OF UP-TO-DATE SUGGESTIONS

WE CARRY THE LARGEST LINE OF

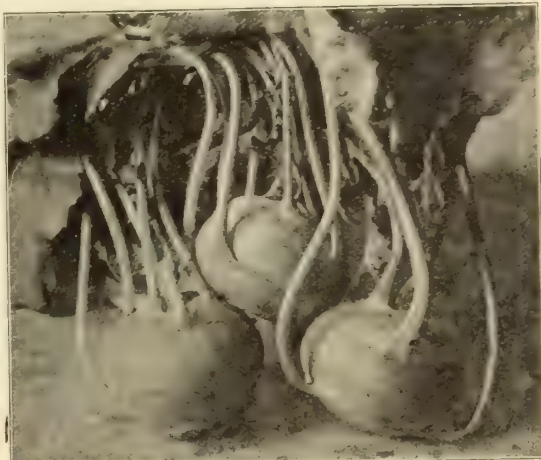
Poultry, Dairy and Bee Supplies
IN THE EAST



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 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., 20c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.50.

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., 50c.; lb., \$1.75.

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

LEEK

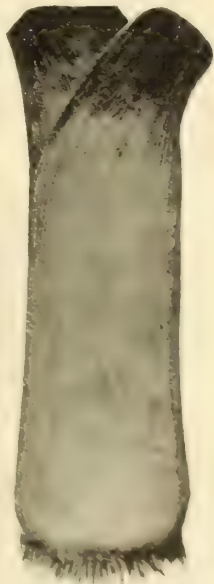
One ounce will sow one hundred feet of drill, and produce about one thousand plants.

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., 50c.; lb., \$1.75.

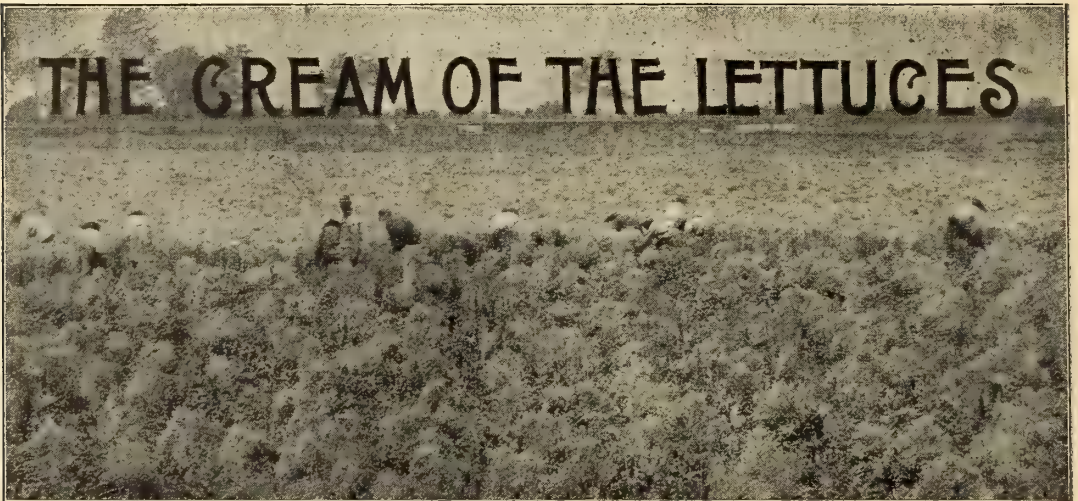
LARGE AMERICAN FLAG. Previous to our introduction of the Giant Italian, this was the favorite variety. Very fine and large. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

CARENTAN, or SCOTCH CHAMPION. (Musselburg.) 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.



HARVESTING THE SEED FROM A FIELD OF OUR MAMMOTH SALAMANDER LETTUCE. See head next page.

Cabbage or Heading Varieties of LETTUCE

One ounce will sow about one hundred square feet and produce three thousand plants.
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's Hot-House.** Double the size of Tennis Ball; never rots . . .
- Myers' "All Right."** Equally valuable for forcing or open ground planting . . .
- 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's Summerlead.** Large, handsome yellow heads of perfect quality . . .
- Holyrood Hot Weather.** Seed offered for first time. See Novelties, page 8. Pkt., 15c. . .
- Golden Gate.** Immense solid heads, crisp, tender; sure header; resists heat . . .
- Mongolian.** A new variety from Asia, valuable for spring and fall planting, . . .
- Copperhead.** Large, solid light brown outside, shading to light pink inside . . .
- Giant Glacier.** Large, light green heads; leaves crimped like Savoy Cabbage, . . .
- Sensation.** Forms a solid head before half grown; light yellowish green . . .
- 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 . . .
- White Russian Summer.** Very large, handsome heads; fine for open ground, . . .
- California Cream Butter, or Royal Summer Cabbage.** Fine, solid heads . . .
- Salamander.** Old sort. Fine compact heads, which resist heat admirably . . .
- Deacon.** A large, solid cabbage lettuce for summer; heads light green outside . . .
- Nansen, or North Pole.** Style of Deacon; ten days earlier, very hardy . . .
- New York (Wonderful).** Large, dark green heads; used only as a summer sort, . . .
- Improved Hanson.** Very large, solid and of fine quality; withstands the hot sun, . . .

Per oz.	¼ lb.	Per lb.
\$0 15	\$0 35	\$1 25
20	50	1 65
20	55	2 00
20	50	1 75
15	40	1 40
15	35	1 25
20	60	2 25
35	1 00	3 50
20	50	1 65
20	55	2 00
20	50	1 65
15	40	1 40
20	50	1 75
15	35	1 25
15	35	1 25
20	65	2 00
15	40	1 40
15	35	1 25
15	35	1 25
15	40	1 40
15	40	1 40
15	35	1 25
15	35	1 25



Photograph of head of BIG BOSTON LETTUCE. Pkt., 5c oz., 15c.; ¼ lb., 35c.; lb., \$1.25.

JOHNSON'S SUMMERLEAD. Best to stand heat. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.25.



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., 60c.; lb., \$2.25.



Early May King Lettuce

This valuable new lettuce from Germany is, without any question, one of the best lettuces on the list for early spring planting in the open ground. The heads are 6 to 7 inches in diameter, of a clear light green, the outer leaves being slightly tinged with brown, the inner being clear, bright yellowish, with very rich oily flavor. It is an excellent market sort, the round, compact heads being so solid that they carry extremely well. Pkt., 10c.; oz., 20c.; ¼ lb., 55c.; lb., \$2.00.

LETTUCE—Curled or Loose Leaved Varieties

All varieties in regular large-sized packets, at 5c. per packet.

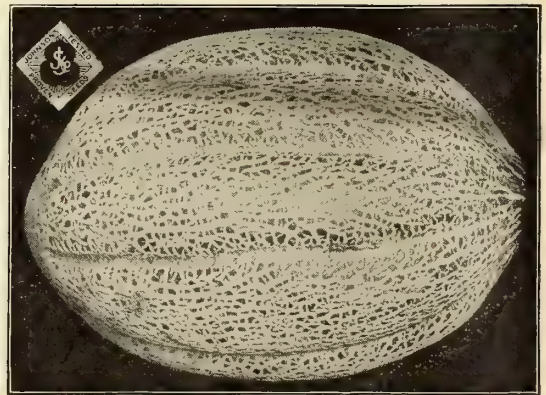
	Per oz	¼ lb.	Per lb.
Grand Rapids. A famous shipping, loose-headed forcing sort; popular West . . .	\$0 15	\$0 35	\$1 25
Black-Seeded Simpson. Improved strain; large, loose heads; light in color . . .	15	35	1 25
Early Prize-Head (Brown Cabbage). Large, loose heads, tinged with brown . . .	15	35	1 25
Early Curled Silesian. A leading early sort; fine for cutting for home use . . .	15	35	1 25
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, . . .	15	40	1 50
Lettuce—American Varieties Mixed. Fifteen kinds mixed in one package, giving a succession of fine lettuce the whole season in the home garden . . .	15	35	1 25



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., 15c.; ¼ lb., 35c.; lb., \$1.25.

Market Gardeners, Farmers' Clubs and Institutions wanting to purchase seeds in 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 wanted, and we will return promptly with our **LOWEST COST PRICE.**



McCleary's Improved Jenny Lind Muskmelon

The earliest strain of Jenny Lind. Very productive, uniformly good size. Roughs up better and keeps longer than other strains. Seed grown by our old friend, John McCleary, the originator.

Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

New Sweet Home Muskmelon

Very large, early, with unusually thick green flesh of the most delicious quality. While not a long-distance shipper, there is no other melon that will sell better in home markets.

Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

MUSKMELONS OR CANTALOUPE—A SELECT LIST

One ounce will plant about seventy hills, three pounds will plant one acre

All varieties in large-sized packets at 5c. each, except where noted.

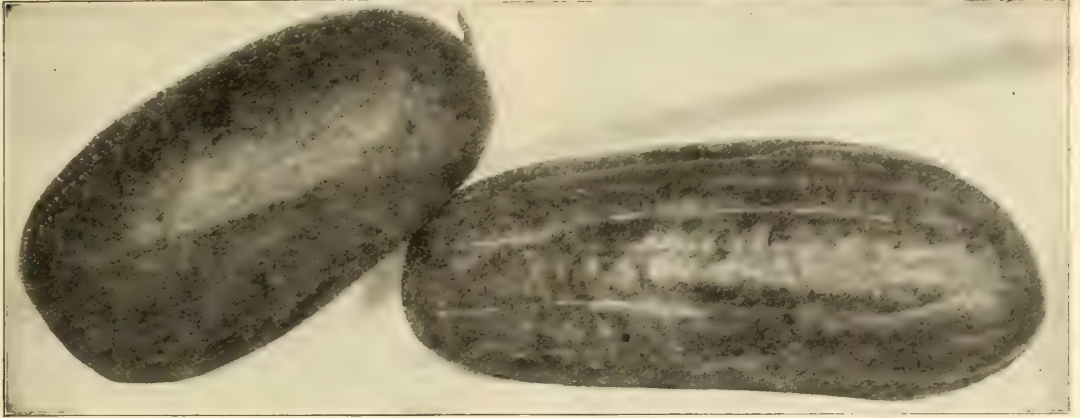
- Early Jenny Lind.** Small, early; light green flesh; fine for early market . . .
- Extra Early Prize.** One of the earliest. Profitable for the market . . .
- Jersey Belle.** Larger than Jenny Lind; green flesh; best for light soils . . .
- Johnson's Dreamwold.** Novelty for 1907. See page 10. Pkt., 15c.
- Anne Arundel.** Shape of Acme; much larger in size; thick green flesh . . .
- Paul Rose, or Petoskey.** (New.) Cross of Osage with Netted Gem. Early; nearly round; thick salmon-colored flesh; a fine shipper and long keeper . .
- Norfolk Button.** (New.) Very early and prolific; thick, sweet, green flesh . .
- Rocky Ford.** Largely grown in Colorado for shipment; oblong in shape; sweet, green flesh. 5 lbs. and over, 75c. per lb., by express or freight
- Burrell's Gem.** A golden-fleshed Rocky Ford. See page 8. Pkt., 15c.
- Improved Shippers' Delight.** New, fine, early. Good shipper. Distinct shape, Netted Gem. (Golden Jenny.) Early; small, nearly round and of fine flavor, Tip-Top Nutmeg. Slightly oval; grows to good size; sweet, yellow flesh . . .
- Large Hackensack, or Turk's Cap.** Large, round; flattened; green flesh . .
- New Early Hackensack.** Ten days earlier than Hackensack, which it resembles, Emerald Gem. Small, early, productive; sweet salmon flesh, deep green skin, Red-Fleshed Osage, or Miller Cream. Medium size; globe shape; very sweet, New Green-Fleshed Osage. One of the best of green-fleshed sorts
- New Melrose.** Very hardy, dark green, oval shape; very superior quality . .
- Long Island Beauty.** The best of the Hackensack type; very early; fine quality, The Banquet. Globe-shaped; densely netted; dark, very rich salmon flesh . .
- Bay View.** Very prolific and of good size; oblong; green flesh; quite late . .
- Improved Montreal Nutmeg.** Large, round, netted; flesh thick and light green, Acme, or Baltimore. Early; oblong; pointed; light green flesh; a fine shipper,

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 10	\$0 30	\$0 90
15	40	1 50
10	30	90
35	1 00	3 50
10	30	1 00
10	30	1 00
15	35	1 25
10	30	90
40	1 25	5 00
10	30	1 00
10	30	1 00
10	30	1 00
15	35	1 25
15	40	1 50
10	30	1 00
10	30	90
15	35	1 25
10	30	1 00
10	30	90
15	40	1 25
10	30	1 00



A crate of ROCKY FORD MELONS. Johnson's selected strain, as they appear in Eastern markets. This melon has become world-famous for its captivating flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00, postpaid; 5 lbs., \$3.75, by express.

FOUR FAMOUS WATERMELONS



THE KLECKLEY SWEETS WATERMELON.

NEW HALBERT HONEY WATERMELON.

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 photograph. The rind is very thin and brittle, splitting ahead of the knife when cutting. They ripen early and are very desirable for the home garden. Price, per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

THE HALBERT HONEY WATERMELON

This melon originated in Texas, and is one of the best for private use or nearby markets. The rind is thin, and will not hold for shipping any great distance. The beautiful crimson flesh has scarcely any pulp, and is very sweet. It is long, dark green, and runs from 20 to 30 inches in length. It uniformly demands the highest price. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

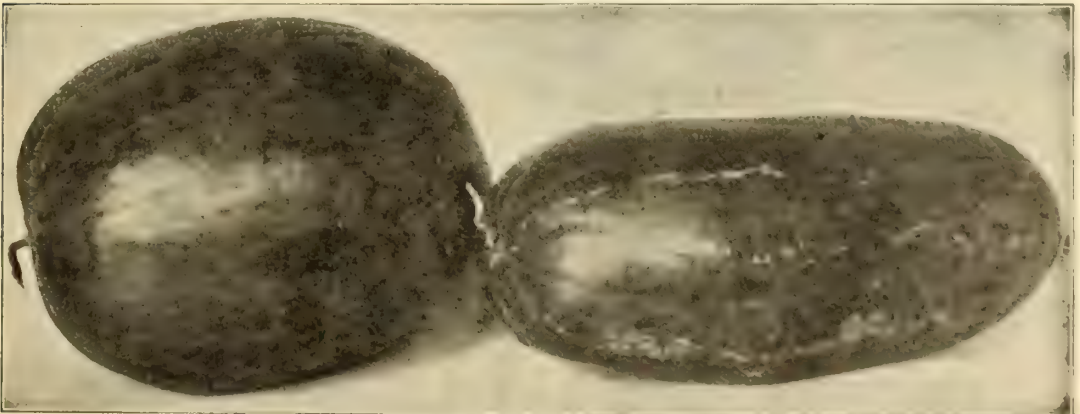
BLACK BOULDER—The Great Shipping Watermelon

For this grand new and distinct watermelon we are indebted to the late Aaron Paul. It is enormously productive, reaching a mammoth size. It cuts equal to any market shipping melon we have ever eaten; its shipping qualities are phenomenal, no other melon equalling it in tough green skin and rind. It is one of the best "all round" melons in existence; for the family garden is also without a peer. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

GENUINE JOHNSON'S DIXIE WATERMELON

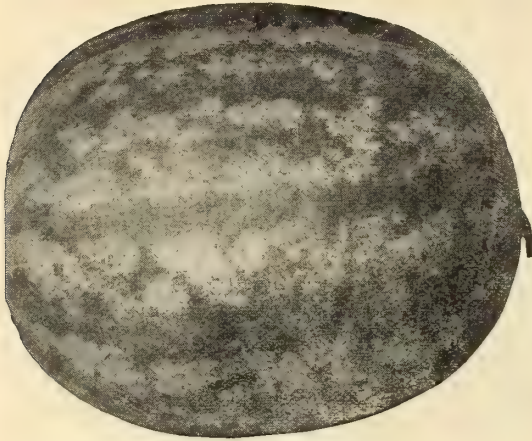
The true Johnson's Dixie is a cross between the **Kolb Gem** and **Old Fashioned Mountain Sweet**, and surpasses the Kolb Gem in shipping qualities, and fully equals the Mountain Sweet, Kleckley and Florida Favorite in superior eating quality, and is **ten days earlier** than any of them. Its great productiveness 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 **Johnson Seed Company**. Price, per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

EXTRA SELECTED STOCK SEED. From picked melons. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.



BLACK BOULDER WATERMELON.

GENUINE JOHNSON'S DIXIE WATERMELON.



Specimen of PAUL'S BONNY BEST—Ripened in 62 days.

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. Will produce melons weighing 15 to 20 lbs. each in from 60 to 70 days. Flesh red, deliciously sweet, with but few seeds. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.20.

The Bradford Watermelon

A fine oblong shipping melon with dark green skin. Flesh is very sweet, dark red in color; seeds small and nearly white, flecked with a brown spot on each side.

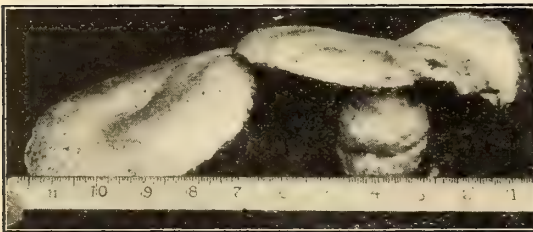
Under good cultivation they grow to very large size, frequently weighing from 40 to 60 lbs. and commanding the very highest prices in any market. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.15.

Standard WATERMELONS with Real Merit

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

Large packets of any variety, 5c each. In 5-lb. lots and over, 5c. per lb. may be deducted.

	Per oz.	¼ lb.	Per lb.
Fordhook Early. Very early; good size; medium green, red flesh of fine quality, red flesh; one of the most successful for shipping, bringing the highest prices.	\$0 10	\$0 25	\$0 65
Early Jumbo. Round; of large size; dark green skin; extra good quality . . .	10	25	80
Dark Icing. Early, round, solid, with thin dark green skin; of superior quality,	10	25	65
Light Icing, or Ice Rind. Round in form like the above; flesh of fine quality .	10	25	75
Triumph. New Southern variety. Very large; dark green, superior flavored,	10	25	65
Cherokee Beauty. Long, large, dark skin, striped with black. Sweet; good shipper,	15	40	1 50
Gray Monarch, or Long White Icing. Very large, long; crimson flesh	10	25	80
Black Diamond. Large, round; skin dark green; tough; red flesh, fair quality,	10	25	65
Sweet Heart. Mottled light green; large, oval, heavy; red flesh; fine shipper,	10	25	65
Alabama Sweets. A grand new shipping melon; equal to Icing, Kleckley and	10	25	90
Florida Favorite in luscious quality; long, dark green, continuous bearer . .	10	25	75
McIver's Wonderful Sugar. Resembles Old Rattlesnake, superior in quality .	10	25	75
Cuban Queen. Early, solid and heavy; skin striped dark and light green . . .	10	25	75
Kolb Gem. Very large; flesh red; a good shipping sort; popular in the South .	10	25	65
Blue Gem, or Iceberg. A blue Kolb Gem, better quality; desirable for shipping,	10	25	65
Florida Favorite. A superior strain; large, oblong, striped; luscious red flesh,	10	25	75
Scaly Bark. Very large; dark green; light crimson flesh of good flavor	10	25	75
Gypsy, or Georgia Rattlesnake. Oblong, dark and striped; bright red flesh .	10	25	75
Colorado Preserving Citron. (Green seed.) Also called Apple Pie; for preserves,	10	25	75
Green Citron. (Red seed.) Round and handsome; for preserving only	10	25	75



MUSHROOMS MEASURING OVER SIX INCHES ACROSS, GROWN FROM JOHNSON'S ENGLISH MILLTRACK SPAWN.

RELIABLE MUSHROOM SPAWN

The culture of mushrooms is increasing enormously. They used to be considered a luxury, but now all restaurants and hotels have them daily on their menus, and they are very largely required in household use. They can be grown successfully in cellars, in barns and stables, or other buildings that perhaps are standing idle. They are the most profitable crop for the outlay that can be grown. We send practical working directions with each order for spawn.

JOHNSON'S ENGLISH MILLTRACK MUSHROOM SPAWN

Our celebrated **English Milltrack** brand (made by the best maker in England specially for our trade) has gained an enviable reputation among growers for its uniform good quality, and can be thoroughly relied upon to produce a good crop. Per brick, 1¼ lbs., 15c. (bricks, postpaid, 25c.); 10 lbs., 80c.; 25 lbs., \$1.50; 100 lbs., \$5.75; 1,000 lbs. and over, 5¼c. per lb. (250 lbs. sold at 1,000-lb. rate).

PURE CULTURE MUSHROOM SPAWN—AN AMERICAN PRODUCT

A very superior article, made in this country from carefully selected spawn, which, it is claimed, is much more vigorous than the imported. Price, 25c. per brick (brick postpaid, 35c.); 5-brick lots, 22c. per brick; 10-brick lots, 20c. per brick; 25-brick lots, 18c. per brick; \$12 00 per 100 lbs.

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 2 feet high, and of greater breadth, forming enormous bunches. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

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.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

White London. The old sort, used for salads and flavoring. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

Black or Brown. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

MARTYNIA

Martynia Proboidea. The best and most productive variety for pickling. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

NASTURTIUM—Indian Cress

Tall. The best for pickling seed pods, or garnishing. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Dwarf Mixed. A trailer requiring no support. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

OKRA—Gombo

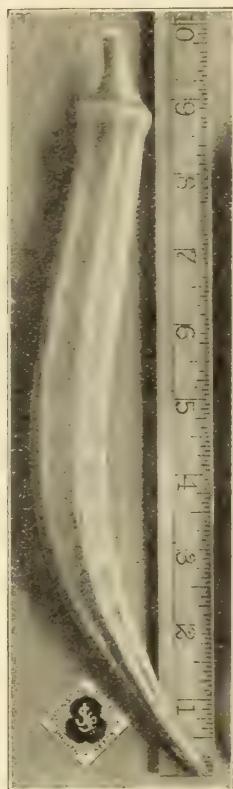
One ounce will plant one hundred hills.

Kleckley's Favorite Okra

A new sort, growing 2 $\frac{1}{2}$ to 3 feet in height. The pods are white and smooth, about 6 inches in length by 1 $\frac{1}{2}$ inches in diameter, *exceptionally tender and fleshy.* Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

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.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

PERKINS' MAMMOTH LONG PODDED OKRA



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 productiveness is simply wonderful. The pods shoot out from the stalk within 3 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, 8 to 9 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.; $\frac{1}{4}$ lb., 20c.; lb., 65c., post-paid; by freight or express, lb., 55c.; 5 lbs. and over, 50c. per lb.

Lady Finger.

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.; $\frac{1}{4}$ 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.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

The true value of Seeds is measured by the product obtained

Right All Around

G. E. BOUGHTON, Danbury, Conn., writes: "I found your Philadelphia Yellow Globe Danvers Onion the earliest, largest and best yielders. Your seed is right all around."

Best in 15 Years' Experience

W. H. HORNE, Edgewater, Col., writes: "Your Philadelphia seed produced earlier, finer and better-shaped onions than any onion seed I have ever been able to buy, and I have been in the onion business for fifteen years."

Cannot Raise Enough

W. H. CALDWELL, Tuckahoe, N. J., writes: "I would say of your Cardinal Globe Radish that I cannot raise enough of them. They are ahead of all as sellers and for beauty and quality. I grow them winter and summer."

Recommends Us to His Friends

W. P. MONCURE, M.D., Fairfax, Va., writes: "Your radishes were perfect beauties. I shall want more seeds of you in the spring. I always recommend your seeds to my friends."

Best in the United States

W. C. GRIMES, Ladore, Col., writes: "I have used your garden seeds for fourteen years, and they are the best we can get in the United States."

Better than Represented

JOHN W. SCOTT, Florist, Lisbon, Ohio, writes: "I have used your seeds for the past eighteen years and have always found them to be as good or better than represented."

Finest Onion Crops in His Section

JOHN O. RASSER, Mill Hill, Pa., writes: "Your Philadelphia Onion Seed has produced for me the finest crop of Onions in all this section; no other will be planted here next year."

Biggest Bargain of His Life

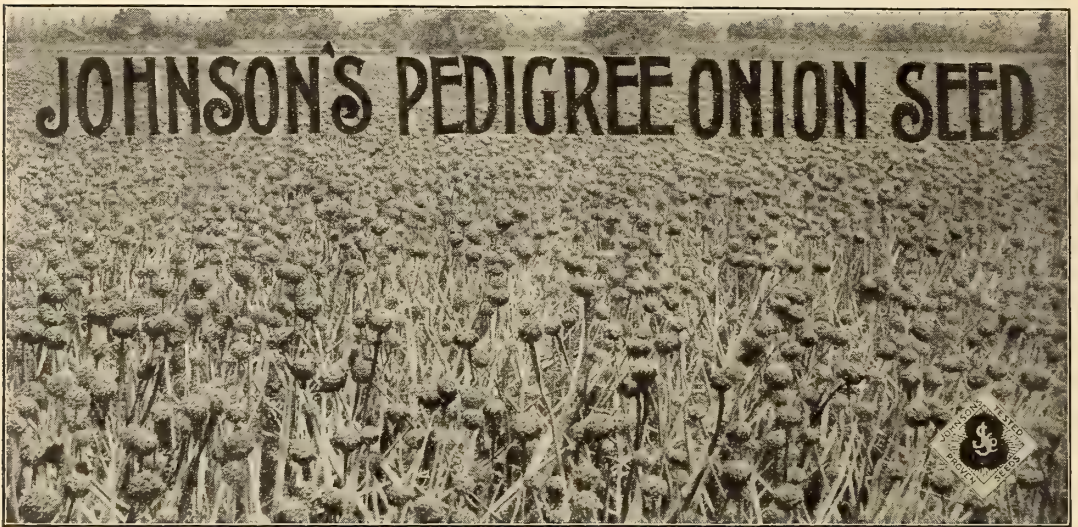
WM. H. MEEK, P. M., Mimosa, Ark., writes: "I have just received the seeds from you and consider my purchase the biggest bargain in my life. I never got so many extras, and I have bought from many seedsmen."

Novelties of Unusual Worth

JOHN COOK, Decatur, Mich., writes: "I have bought your seeds for twenty years, including many novelties, and I have always been more than satisfied. Everything got from you has proven of unusual worth."

Beat Anything He Ever Saw

J. M. DAVIS, Spearfish, South Dakota, writes: "Honestly, the tomato seed I have had from you for the past few years beat anything I ever saw."



Section of field of JOHNSON'S NEW LONG-KEEPING PRIZETAKER ONION, just before harvesting the seed. See photograph of onion, page 11; also colored illustration from Nature on the back of this book.

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 than in onions.

One ounce will sow 100 feet of drill. To grow large onions from seed, 5 pounds to the acre; to grow small sets, 50 to 60 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.

THREE GRAND NEW ONIONS, seed of which is now offered for sale for the first time, **Johnson's Long-Keeping Prizetaker**, **Morse's Brown Globe** and **Johnson's New Early Yellow Globe**. See illustrations and descriptions under Novelties, page 11.

Philadelphia Yellow Dutch, or Strasburg Onion

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, flesh white, mild flavor and an excellent keeper. Skin bright yellow. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25, postpaid; by express or freight, lb., \$2.15; 5-lb. lots, \$2.05 per lb.; 10 lbs. and over, \$2.00 per lb.

Minnesota Globe Onions

Seed Grown in Minnesota by Originator

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 for the Northern States.

✓ **Minnesota Globe Wethersfield Red Onion.** Per pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.50.

✓ **Minnesota White Globe Onion.** Per pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

True Round Yellow Danvers Onion

Our superior stock of this celebrated variety is of fine round shape. 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., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25, postpaid; by express or freight, lb., \$2.15; 10 lbs. and over, \$2.00 per lb.

Southport Globe Onions

Johnson's Superior Connecticut-Grown Seed

There is a marked superiority in the Eastern-grown types of the Globe Onions, commonly known as the Southport strains, over the Western-grown types. That our seed of these important varieties is from highly bred and carefully selected types is attested by the numerous letters we have received from the most critical onion growers.

✓ **Southport Large Yellow Globe.** Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

✓ **Southport Large Red Globe.** Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.40.

✓ **Southport Large White Globe.** Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Not for many years has there been such a short crop of onion seed as the past season. For your own interest it is, therefore, very important that you get your orders in earlier than usual.



Philadelphia Yellow Globe Danvers Onion

Do not confound with the ordinary Yellow Globe Danvers of other growers, as it is uniformly of true globe shape and the very best strain in cultivation. Large in size, producing from seed 1,000 bushels to the acre with good cultivation. It is also most reliable for bottoming, and one of the best keepers. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75, by mail, postpaid; by express or freight, lb., \$2.65; 5 lbs. and over, \$2.50 per lb.

EXTRA LARGE RED WETHERSFIELD ONION

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., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75, by mail, postpaid; by express, lb., \$1.65; 5 lbs. and over, \$1.50 per lb.

A Select List of other Standard American ONIONS

Large packets, 10c. each.
In 5-lb. lots and over, 10c. per lb. may be deducted.

	Per oz.	¼ lb.	Per lb.
Philadelphia Extra Early Red Flat. Very early; makes fine sets. (10 lbs., \$16.00)	\$0 20	\$0 50	\$1 70
Extra Early Red Globe Danvers. (New.) The earliest and best early red globe,	25	75	2 75
Model Export Hardy. Valuable extra early, flat in shape and of an entirely new and distinct pinkish yellow color. A wonderful keeper	20	55	2 00
Prizetaker. Very large and fine, rich, yellow and mild; enormously productive,	20	55	2 00
Australian Brown. New long keeper; early, flat; fine quality; distinct color . .	20	55	2 00
Golden Ball. Very deep globe; skin rich golden yellow; fine keeper; superior,	25	75	2 75
Rhode Island Yellow Cracker. Earliest yellow onion; flat shape; great keeper,	20	60	2 25
American Extra Early Pearl. Earliest of all white onions; very large and mild,	25	75	2 75
Philadelphia White Silver Skin, or Portugal. Best white onion for sets. See cut,	25	70	2 40
White Bunch. Very early; one of the best for bunching in a green state	25	70	2 40

THE BEST FOREIGN ONIONS

Red Bermuda. Very early; genuine Teneriffe seed; freshly imported	20	50	1 85
White Bermuda. Freshly imported from Island of Teneriffe; genuine seed	25	70	2 40
White Queen. Very early; grows rapidly; mild; remarkable keeper	20	55	2 00
Hard Round Silver Skin. The best for pickling; uniform, small, round bulbs,	20	60	2 25
White Adriatic Barletta. Neatest and smallest; valuable for pickling	20	55	2 00
Mammoth Silver King. Handsome flat onion; reaching enormous size	20	50	1 85

CHOICE PHILADELPHIA-GROWN ONION SETS

Philadelphia-grown onion sets are the best in the world. They are hard and solid, good keepers and are sold by the measured bushel and not by the pound rate, as sold in some other markets. Prices vary with the market. We are headquarters. Write for prices in bushel and barrel lots.

PHILADELPHIA EXTRA EARLY RED SETS; per qt., 20c.; qt., postpaid, 30c.

PHILADELPHIA YELLOW DUTCH, or STRASBURG, and PHILADELPHIA YELLOW DANVERS ONION SETS; each: per qt., 15c. qt., by mail, postpaid, 25c.
PHILADELPHIA WHITE, or SILVER SKIN SETS; per qt., 25c.; qt., postpaid, 35c.
YELLOW OR RED POTATO and WHITE MULTIPLIER ONION SETS; each: per qt., 25c.; qt., postpaid, 35c.

Quality is remembered long after price is forgotten

The Best Northern Grown Seed Peas



A SINGLE VINE, WITH PODS NATURAL SIZE, ALONGSIDE OF JOHNSON'S RECORD EXTRA EARLY PEA.

One quart will plant 100 feet of drill. One and one-half to two bushels will plant one acre.

Johnson's Record Extra Early Pea

First introduced in 1898, is still in the lead as the earliest of all peas and most popular with truckers. It has produced good edible peas in forty-seven days from planting, a record that has never yet been beaten. It is the most uniform in ripening. A single picking will secure the entire crop. The heaviest cropper, containing one to two more peas per pod than any other first early. Height, 2 feet. Pkt., 10c.; pint, 25c.; qt., 40c., postpaid; by express or freight, qt., 25c.; peck, \$1.25; bush., \$4.50; 5 bush. and over, \$4.00 per bush.

Large Podded Alaska Pea

A new and valuable strain from Canada of the popular Alaska Pea. The blue seed is the same as Alaska, and the vines grow to the same height, but more vigorously, and produce fully as early, large, deep green pods of almost double the size. Pkt., 10c.; pint, 25c.; qt., 40c., postpaid; by express or freight, qt., 25c.; peck, \$1.50; bush., \$5.50.

Sutton's Excelsior Pea

This new pea takes the place in the **Extra Early** class that is now so acceptably filled by Stratagem and Telephone in the later sorts. It grows to a height of about 14 inches, showing a great abundance of its long, broad, straight pods of a pale green color. Pkt., 10c.; pint, 25c.; qt., 45c., by mail, postpaid; by express, qt., 30c.; peck, \$1 60; bush., \$6.00.

PEAS—Extra Early Varieties

Each of the following, 5c. per large packet.

We furnish $\frac{1}{2}$ pecks at peck rates, $\frac{1}{2}$ bushels at bushel rates. Those marked with a (*) are wrinkled varieties.

- Johnson's Extra Early.** The popular old and fine standard, Alaska. One of the earliest and most popular blue peas . . .
- New Prolific Early Market.** About a week later than Johnson's Record Extra Early, bearing heavily of large pods, **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 hardiness to Gradus; pods fully as large, enormously productive. (See illustration, next page) . . .
- ***Gradus, or Prosperity.** Magnificent new, large podded sort,
- ***Gregory's Surprise.** (Eclipse.) Earliest wrinkled variety,
- ***Nott's Excelsior.** An improvement on American Wonder,
- ***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,

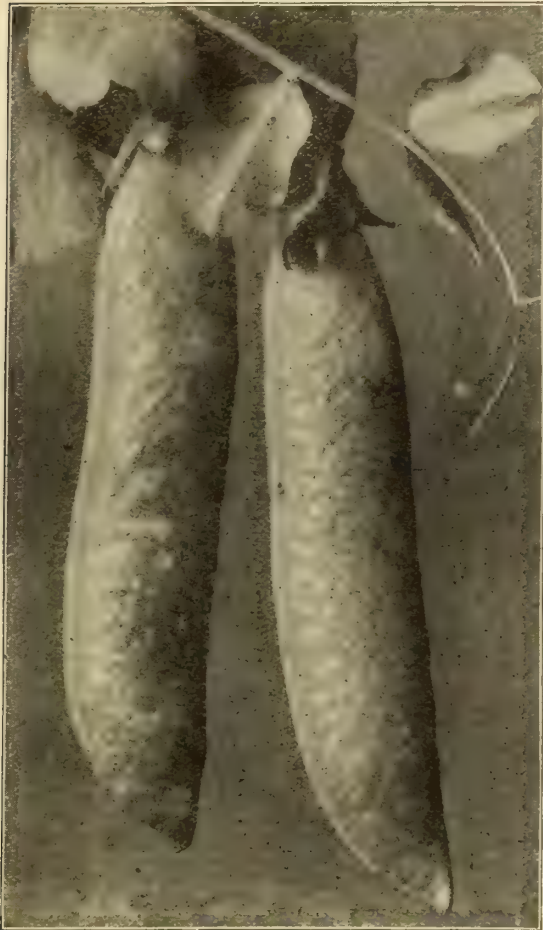
Height in Feet.	By Mail, Postpaid.		By Express or Freight.		
	Pint.	Qt.	Qt.	Peck.	Bush.
2	\$0 20	\$0 35	\$0 20	\$0 90	\$3 50
2	20	35	20	1 15	4 50
2	20	35	20	1 15	4 50
2 $\frac{1}{2}$	20	30	15	85	3 25
2 $\frac{1}{2}$	20	30	15	85	3 25
2	30	50	35	2 00	8 00
2 $\frac{1}{2}$	30	50	35	2 50	9 00
1 $\frac{1}{2}$	20	35	20	1 25	5 00
1	25	40	25	1 50	6 00
1 $\frac{3}{4}$	25	40	25	1 50	5 75
1	20	35	20	1 25	5 00
1 $\frac{1}{4}$	20	35	20	1 25	5 00

PEAS—Second Early and Medium

- ***Johnson's Second Early Market Garden.** Best and surest cropper; produces more pods than any other . . .
- ***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,
- ***Shropshire Hero.** Fine flavor; long, handsome pods . . .

2	20	35	20	1 25	4 75
2 $\frac{1}{2}$	20	35	20	1 15	4 50
1 $\frac{1}{2}$	20	35	20	1 15	4 50
2	20	35	20	1 15	4 50
2 $\frac{1}{2}$	25	40	25	1 40	5 50
3 $\frac{1}{2}$	20	35	20	1 25	5 00
2	20	35	20	1 35	5 25

The Thomas Laxton Pea



THOMAS LAXTON PEA.

This is the earliest large-podded wrinkled pea known, growing very vigorously, with vines about 2½ feet in length, with pods and peas of the very largest size, somewhat resembling the Telephone. It is astonishing that a pea with as fine large pods as this should be almost as early as the regular Extra Early Peas. The enormous pods are full with from six to ten wrinkled marrow peas of the most delicious flavor. Although it commences bearing so very early, it continues for a long time, the peas also remaining sweet and tender for a long time after they are fit to pick. Price, pkt., 10c.; pint, 30c.; qt., 50c., by mail, postpaid; by express, per qt., 35c.; 4 qts., \$1.25; peck, \$2.00; bush., \$8.00.

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., 40c., postpaid; by freight or express, qt., 25c.; peck, \$1.50; bush., \$5.50.

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 2 feet, unusually prolific. Handsome pods growing uniformly to larger size than any pea we have ever seen, and filled with eight to ten very large, delicious peas. Prices, pkt., 10c.; pint, 30c.; qt., 50c., postpaid; by express or freight, qt., 35c.; peck, \$2.00; bush., \$7.50.

PEAS—Late or Main Crop Varieties

Each variety in large packets, at 5c. each.

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 Danby Stratagem.** New. See Novelties, page 12,
- ***Dainty Duchess.** New English pea. See page 12 . . .
- 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,
- 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 . .
- Tall Gray Sugar.** Immense pods of superior quality and snap,
- New Mammoth Podded Prolific Sugar.** Largest and best

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	40	25	1 80	7 00
3½	20	35	20	1 25	4 75
4½	25	40	25	1 75	6 75
2	30	50	35	2 25	8 00
4	30	55	40	2 25	8 50
1½	25	40	25	1 40	5 50
5	20	35	20	1 15	4 50
2	20	35	20	1 25	4 50
3	20	35	20	1 15	4 25
2½	20	30	15	90	3 50
2	25	40	25	1 60	6 25
3½	20	35	20	1 00	3 50
2½	20	30	15	85	3 25
3	20	30	15	85	3 25
5	15	25	10	45	1 65
1½	25	45	30	1 75	6 50
5	30	50	35	2 00	7 50
5	30	50	35	2 00	7 50
3	35	65	50	3 00	11 00

of the edible podded sorts; broad, fleshy, tender pods . .

PARSLEY

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



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., 10c; 1/4 lb., 30c; lb., \$1.00, postpaid; if by express or freight, lb., 90c., or 5 lbs. for \$4.00.

CHAMPION MOSS CURLED. Extra Dark Green. Leaves crimped and curled, giving a most beautiful decorative appearance. Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 75c.

EMERALD, or DWARF EXTRA CURLED. Leaves tender, beautifully crimped, handsome, bright green color; very ornamental. Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 70c.

EXTRA DOUBLE CURLED. An old curled variety for garnishing. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 60c.

PLAIN, or SINGLE. Oz., 10c; 1/4 lb., 20c; lb., 50c.

HAMBURG, TURNIP ROOTED. Fleshy vegetable roots, for soups, etc. Pkt., 5c; oz., 10c; 1/4 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

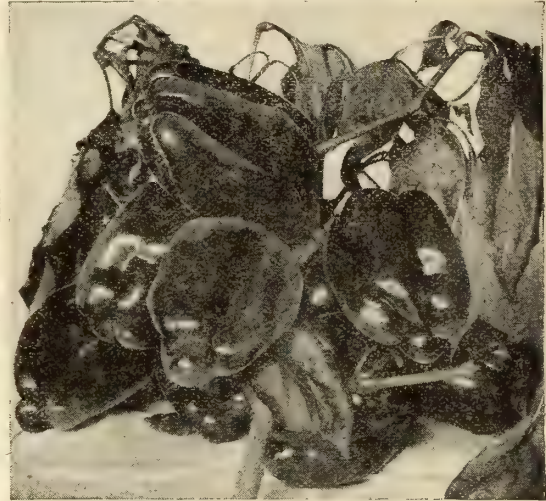
A greatly improved and wonderfully fine strain of true **Hollow Crown Parsnip**. The roots do not grow as long as the old Hollow Crown variety, are of larger diameter and more easily gathered. It is a very heavy cropper. The roots are very smooth, flesh fine grained and of excellent quality. The best variety for the market or home garden. Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 65c., postpaid; by express, lb., 55c.; 5 lbs. and over, 50c. per lb.

LARGE SUGAR, or LONG SMOOTH HOLLOW CROWN. Well-known old standard sort. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 50c.

PEPPERS

One ounce will sow one hundred yards of row.

FOUR NEW PEPPERS—New Neapolitan, Golden Neapolitan, Ruby Giant and Chinese Giant. See illustrations and descriptions under Novelties, page 12.



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., 20c; 1/4 lb., 60c; lb., \$2.10.

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; 1/4 lb., 80c; lb., \$3.00.

The following Peppers, 10 cents per pkt.

	Oz.	1/4 lb.	lb.
Bell, or Bull Nose. Large, mild,	\$0 20	\$0 50	\$1 85
Long Red Cayenne. True, hot,	25	60	2 25
True Red Chili. Very hot,	25	75	2 50
Tabasco. Small, very hot,	40		
Cherry Red. Small, for pickles,	25	75	2 50

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, \$1.50.

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., 35c; peck, \$2.00, by express or freight.



Harvesting a field of our Seed Potatoes at Houlton, Aroostook County, Maine.

SELECTED SEED POTATOES Grown in Maine

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.** Prices quoted are for barrel sacks of 165 pounds each. We pack in full-size double-headed barrels at 25c. higher than prices here quoted. **Special prices by letter on lots of five barrels 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.

POTATOES—Three barrels, 8 to 9 bushels, are required to plant one acre. Prices quoted are subject to market fluctuations.

	Peck.	Bush.	Bbl.
True Houlton, Maine, Early Rose. Pure and genuine, very fine and early . . .	\$0 50	\$1 50	\$3 50
Early Beauty of Hebron. Popular early sort, of excellent quality; productive.	50	1 50	3 50
Early Thoroughbred. Earlier than Rose. More productive; light pink . . .	60	1 75	3 75
Bovee. Earlier than Early Ohio. Very prolific; fine marketable size; mealy .	60	1 75	3 75
Eureka Extra Early. Earliest of new sorts, regular shape, smooth white skin.	65	2 00	4 00
Noroton Beauty. Introduced in 1905. Extra early; productive; good keeper.	65	2 00	4 50
Crown Jewel. Very early, fine and productive; pink, {	60	1 75	4 00
Bliss' Triumph, or Stray Beauty. Early, round, red, {	60	1 75	4 00
Pride of South, or White Bliss. Early, round, white, {	60	1 75	4 00
Irish Cobbler. Round, chunky, 80-day sort; popular for home market	60	1 75	3 75
Norcross. Fine new main crop potato from Maine, white skin	65	2 00	4 50
Rural New Yorker, No. 2. Fine for main crop; large, white, smooth, prolific .	60	1 75	3 75
State of Maine. Heavy cropping late oval variety; white skin and flesh . . .	50	1 50	3 50
Carman, No. 1. Fine medium or intermediate; very large shallow eyes; white.	60	1 75	3 75
Green Mountain. Shape, oval; white skin; big cropper and splendid cooker .	50	1 50	3 50
Gold Coin. Fine table sort; very hardy, vigorous and productive, for main crop.	60	1 75	4 00

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 **drier 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, and **wish it distinctly understood that customers take ALL RISKS** after we deliver in good condition to the express company here. We do not ship until about planting time unless specially ordered to do so. **Our barrels contain 3 bushels.** Full directions for bedding 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.

VINELAND BUSH SWEET POTATO

The **New Vineland Bush Sweet Potato** 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.

Prices: per lb., 40c.; 3 lbs., \$1.00, by mail, postage paid; peck, 80c.; bush., \$2.75, by express. **Plants of the New Vineland Bush Sweet Potato**, ready May 15th: 50 for 50c.; 100 for 75c., by mail, postage paid; 50c. per 100; \$3.50 per 1,000, by express. 500 plants at 1,000 rates.

EXTRA EARLY CAROLINA, JERSEY "UP-RIVERS" AND EARLY NANSEMOND. The justly celebrated Philadelphia sweet potatoes, universally grown for market. Each, per peck, 75c.; bush., \$1.75; bbl., \$3.75.

Plants of the above, ready May 15th, 60c. per 100, by mail, postpaid; by express, 35c. per 100; \$2.50 per 1,000.



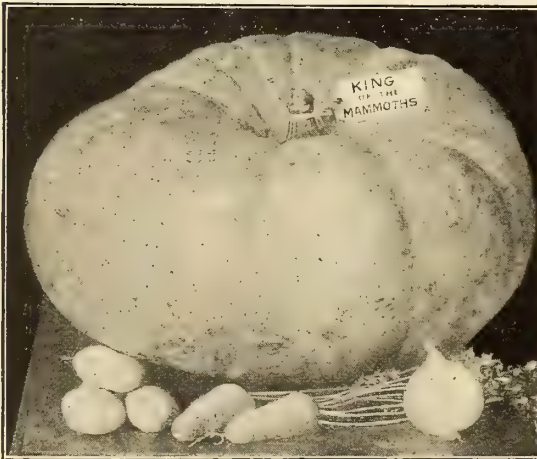
Pile of our **BIG TOM PUMPKINS** at a South Jersey canning house. The most popular for canning and stock-feeding. Skin and flesh a deep rich orange color. See description below. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

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.

- 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 and sweet . .
- New Mammoth Golden Cashaw.** The best Cashaw. Skin and flesh rich orange,
- Nantucket Sugar, or Negro.** A New England variety with dark green skin .
- Small Sugar.** Early, prolific; very thick sweet flesh ; 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 ; productive and unequalled as a winter keeper and cooking variety . . .
- Quaker Pie.** Shape nearly oval. Cream-colored skin and flesh ; fine quality . .
- Calhoun Pumpkin.** Nearly round, somewhat flattened on the ends; skin creamy brown ; flesh deep salmon yellow, thick, fine grained, excellent for pies, etc. .
- Mammoth Bright Red Etampes.** Glossy red, flat, growing very large. Pkt., 10c.,
- Mammoth Tours, or Citrouille.** Very large ; used in France for feeding cattle,
- Large Sweet Cheese, or Kentucky Field.** Light yellow, productive and popular,
- Common Yellow, or Connecticut Field.** Very productive; grown largely for feeding stock (by express or freight, 10 lbs. for \$2.50; bush., 25 lbs., \$5.00),

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 10	\$0 20	\$0 50
10	25	90
10	25	85
10	25	75
10	20	50
10	25	90
10	25	75
10	25	90
10	20	60
20	45	1 60
10	25	75
10	20	50
5	10	30



KING OF THE MAMMOTHS PUMPKIN. Photographed with Potatoes, Carrots and Onion for comparison as to size.

BIG TOM FIELD PUMPKIN

This new pumpkin is the result of many years' selection from the old Golden Marrow or Michigan Mammoth Pumpkin. So carefully has the selection been made, that the Big Toms will run uniformly to more than twice the size and weight. See photograph above. Skin and flesh are of a deep, rich orange color, of excellent flavor for pies, etc., cooking soft and tender. For canning, table use and stock feeding no more profitable or better variety can be grown. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

KING OF THE MAMMOTHS

The Greatest of all Exhibition Pumpkins

No other ever introduced has reached such enormous weights, often 150 lbs. and over, and been awarded as many prizes. The flesh and skin are golden yellow, and notwithstanding its enormous size, it makes a good table and pie pumpkin. Price, pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.50.

A Special Collection of Mammoth Pumpkins for 15 Cents

As an extra inducement for customers to give our Mammoth varieties a trial, we will send, free by mail, one packet each, King of Mammoths, Mammoth Bright Red Etampes, Mammoth Tours, and Big Tom, giving a magnificent collection of 4 great Mammoth Varieties for only 15 cents.



A section of field at our Bristol Seed Farm, Bucks County, Pa., showing our crop of NEW EARLY SNOW-WHITE BOX RADISH in full bloom, just before seeding. See photograph of radish, bottom of this page.

Popular Early and Summer RADISHES

Large Packets, 5c.

	Per oz.	¼ lb.	Per lb.
Extra Early Scarlet Turnip. Very early; small, round (5 lbs., by express, \$3.00),	\$0 10	\$0 20	\$0 65
Earliest Round Dark Red. (Scarlet Button.) Very fine and early; deep color,	10	20	75
Startle, or Twenty-Day Forcing. (Red Rocket.) The earliest half-long red . . .	10	25	90
Johnson's Olive-Shaped Scarlet. Extra Philadelphia market garden strain . . .	10	30	1 00
Crimson Giant. (New.) Large, round, red, forcing, equally good for outdoor culture,	10	25	90
Scarlet Turnip, White Tip. Popular (5 lbs. and over, by express, 60c. per lb.) . . .	10	20	65
Rosy Gem, or Rapid Forcing. Resembles above in color; a week earlier . . .	10	25	80
Double Quick White Forcing. (New.) Very early; handsome long, pure white,	10	25	90
White Icicle. Finest and longest of very early pure white varieties . . .	10	25	80
Felton's White Box. Round; skin and flesh pure white (5 lbs., \$3.00, by express),	10	20	65
French Breakfast. Olive-shaped; red, tipped with white; very handsome . . .	10	20	75
Olive-Shaped Golden Yellow. (Surprise) Earliest yellow; fine for early or summer,	10	25	80
Newcom. Earliest, best and largest half-long white (5 lbs., \$3.00, by express) . . .	10	20	65
Philadelphia Gardeners' Long Scarlet. A great improvement on old Long Scar-			
let; earlier; shorter top; better shape and color; fine keeper (5 lbs., \$3.25) . . .	10	20	70
Cincinnati Market. Superior to Wood's Frame. Long, smooth, very small top,	10	20	75
Long Brightest Scarlet, White Tipped. (Long Cardinal.) New French sort . . .	10	20	75
Chartier, or Shepherd. Large, long summer radish; scarlet, with white tip . . .	10	20	75
New White Chartier. Improvement on above; earlier; pure white and handsome,	10	20	75
White Strasburg. The most popular and best half long summer (5 lbs., \$3.00),	10	20	65
Lady Finger, or Long White Vienna. One of the best (5 lbs., \$3.00) . . .	10	10	65
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., \$2.50),	10	20	65



SCARLET OR CARDINAL GLOBE. The most popular red radish. Selected French-grown seed. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 75c.



NEW EARLY SNOW-WHITE BOX. The very earliest and best round white radish for forcing or out door planting. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 90c.

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. It 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., 65c.; 5 lbs. for \$3.00.

New Round Scarlet Chinese 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 harder 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., 20c.; lb., 75c.

WINTER RADISHES

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., 75c.

CALIFORNIA MAMMOTH WHITE. The largest grown. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.



IMPROVED HALF-LONG BLACK SPANISH RADISH.

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., 25c.; lb., 90c.

ROUND BLACK SPANISH. Very popular with Germans, known as *Rettig*. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.

LONG BLACK SPANISH. One of the hardiest, keeping until spring. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.

RHUBARB (PIE PLANT)

One ounce will produce about one thousand plants.

LARGE VICTORIA. An excellent cooking variety. Seed, per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

RHUBARB ROOTS, EARLY STRAWBERRY and VICTORIA. Each, per large root, 15c.; doz., \$1.00; 100, \$4.00, by express; by mail, postpaid, 20c. each; \$1.50 per doz.

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., \$1.50.

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 much superior in quality. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

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

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., 35c., postpaid; by express or freight, lb., 25c.; 10 lbs., 20c. per lb.; 25 lbs. and over, 18c. per lb.

AMERICAN ROUND-SEEDED SAVOY, or BLOOMSDALE. Our celebrated Philadelphia stock. 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., 35c., postpaid; by express or freight, per lb., 25c.; 10 lbs., 20c. per lb.; 25 lbs. and over, 18c. per lb.

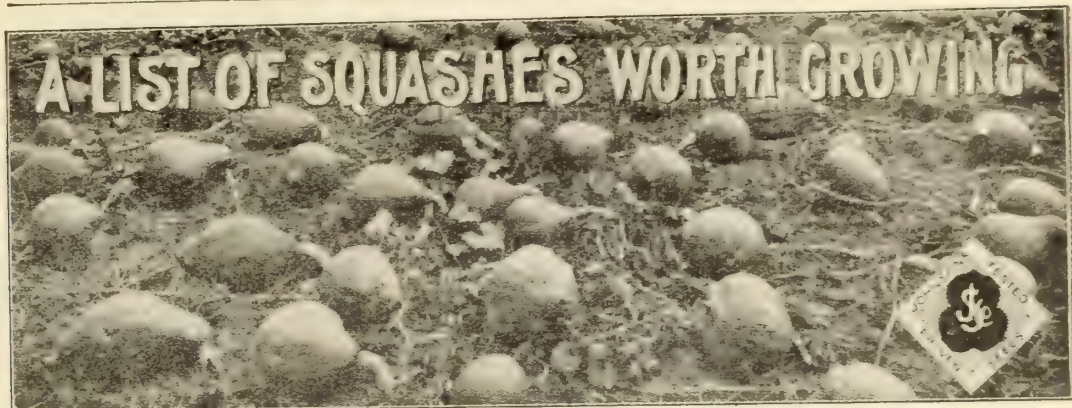
IMPROVED THICK-LEAVED ROUND, or VIROFLAY. Large, thick, dark green leaves, very hardy, and popular in New York markets, where it is the leading variety grown. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c., postpaid; by express or freight, lb., 25c.; 10 lbs., 20c. per lb.; 25 lbs. and over, 18c. per lb.



PARISIAN LONG STANDING SPINACH. Best for spring sowing. Seed grown by originator. Per lb., 50c., postpaid; 10 lbs., \$3.50.

New Spinach—Parisian Long Standing

This New French Spinach surpasses in its broad and heavy dark green leaves, which have the true Savoy appearance. It will stand fully two weeks longer than any other without running to seed, making it the most valuable for spring planting. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c., postpaid; by express or freight, lb., 40c.; 10 lbs. and over, 35c. per lb.



Section of our field of RED OR GOLDEN HUBBARD SQUASHES, growing for seed. This new variety is as fine in quality and even more productive than the old original Hubbard. Choice seed, per pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

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.

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. Very large Golden Yellow Bush; fine for market
Giant, or Mammoth Summer Crookneck. Very fine; best of the Crooknecks,

Per oz.	¼ lb.	Per lb.
\$0 10	\$0 20	\$0 65
10	20	75
10	30	1 00
10	20	75
10	20	75
10	25	85
10	20	65
10	25	85
10	25	85
10	20	65
10	30	1 00
10	30	1 00
10	30	1 00
15	40	1 40

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 and canning
Early Prolific Orange Marrow. Earlier than Boston Marrow; very productive,
New Golden Bronze. Fine. Flesh golden-yellow, tender. Excellent keeper.
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. See cut,
Chicago Warty Hubbard. Improvement on Hubbard; skin heavily warty.
Fordhook. Early, sweet and dry; also a good summer variety; form oblong
Mammoth Chili. The Jumbo of all squashes, often weighing 200 pounds and over.

Johnson's Vegetable Plants

GROWN FROM JOHNSON'S TESTED AND PROVEN SEEDS



Try our POTTED EGG and TOMATO PLANTS. They are all grown cool and stocky. If wanted in quantity, write for special prices.

EARLY CABBAGE PLANTS. Johnson's Very Earliest, Johnson's Jersey

Wakefield, Johnson's Quick Cash and other leading varieties. For April and May delivery. Transplanted, 35c. per 100; \$2.50 per 1,000.

LATE CABBAGE PLANTS. Johnson's Matchless Late Flat Dutch, Drumhead and other standard varieties. Ready July 1st. 25c. per 100; \$2.00 per 1,000.

CAULIFLOWER PLANTS. Pearl of Denmark, 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. Johnson's Cremona, 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 of special and standard

sorts grown in flats. 20c. per dozen; 75c. per 100; \$5.00 per 1,000.

EGG PLANTS. Ready in May and June. Johnson's Northmount, 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. Ruby Giant, Large Bell, Ruby King. 20c. per dozen; \$1.25 per 100.

SWEET POTATO PLANTS. Vineland Bush, 50c. per 100; \$3.50 per 1,000. Carolina, Up Rivers and Nansemond, 35c. 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, Johnson's June Pink and other standards, 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.

TOMATO SEEDS FROM SELECTED FRUIT

All our Tomato Seeds are grown especially for seed and from seed stocks carefully selected and saved by ourselves. We challenge comparison of our stocks with any offered.

One ounce will produce about thirteen hundred plants.

☞ With your order, ask for our New LEAFLET ESSAY ON TOMATO CULTURE, just published this year.



JOHNSON'S JUNE PINK TOMATO.

Johnson's June Pink

Johnson's June Pink Tomato, first introduced last spring, in habit of growth, is similar to the Earliana; in fact it is a **Pink Earliana**, ripening fully as early. The plant is neat and compact, branching freely, with fruit hanging in clusters. Under exactly the same conditions as given Sparks' Earliana, it yielded as much fruit, which is of medium size, uniform, smooth, and attractively shaped, without cracks or green core. The skin is a pleasing pink color, reasonably tough, so that it is excellent for shipping purposes. Pkt., 15c.; oz., \$1.25; $\frac{1}{4}$ lb., \$3.25; lb., \$12.50.

BURPEE'S EARLIEST PINK TOMATO

Originated by Chas. H. Ziegler, of Middlesex County, N. J. Fruit medium size, solid and of a bright pink color, borne in clusters. In our trials the past season, we found it very early, productive and altogether a fine acquisition to our list of early tomatoes. Pkt., 15c.; oz., 80c.; $\frac{1}{4}$ lb., \$2.50; lb., \$9.00.

JOHNSON'S JACK ROSE TOMATO

The earliest tomato in cultivation, seed of which is now offered for sale for the first time. See page 13. Per pkt., 25c.; 5 pkts. for \$1.00.

CHALK'S EARLY JEWEL TOMATO

This fine tomato originated in Montgomery County, Pa. It is a heavy cropper, of fine, large fruit, with a sweet flavor, about two weeks later than the Sparks' Earliana, and is recommended as a good medium early tomato. In color it is a bright scarlet, ripening up to the stem, without cracks or green core. The flesh is thick, quite solid, with comparatively few seeds. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.50.

NEW STONE TOMATO

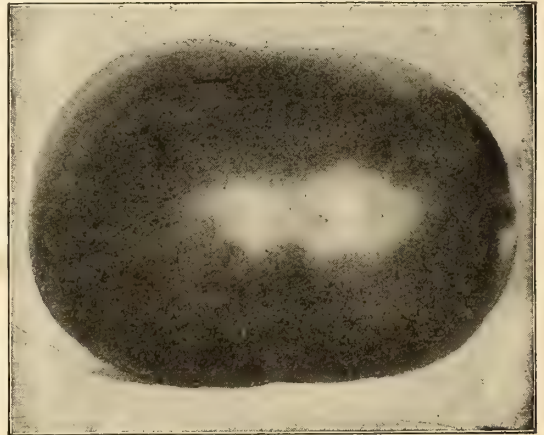
We have a very fine strain of this standard and most popular late, red, smooth variety. It is particularly calculated for canning in glass jars whole. It is very solid; no core and very few seeds. They maintain their size all through the season, and are the best for late summer use.

From extra selected seed stock, grown by ourselves: Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 80c.; lb., \$3.00.

Grown in Michigan from good selected stock: Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 55c.; lb., \$2.00.

THE SUCCESS TOMATO

A new, large, scarlet-fruited tomato. It is of very large size, handsome, smooth and of very fine quality. Fruit sets in clusters and ripens second early. Hard to beat either for home use or market. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.50.



STONE TOMATO, from Johnson's Extra Selected Seed.

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., 75c.; lb., \$2.75.

SANTA ROSA TOMATO

A new main crop sort from California. Of the mammoth type; solid, meaty, almost seedless. Brilliant crimson color; smooth, thick, symmetrical shape. Not recommended for market, but fine for home use. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

We Deliver Free! To any Post-Office in the United States, all Vegetable and Flower Seeds, at prices quoted by the packet, ounce, $\frac{1}{4}$ pound.



Four thousand baskets of our SPARKS' EARLIANA TOMATOES awaiting shipment by boat to Philadelphia from South Jersey. Since its introduction, six years ago, this tomato has made more money for tomato growers than any other variety.

SPARKS' EARLIANA TOMATO

First discovered and named by the writer of this catalogue, Herbert W. Johnson, has proven one of the most successful novelties ever introduced in this country. It has stood the test—the test of all novelties, that of time—and still ranks—the largest very early smooth tomato in the world.

SPARKS' EARLIANA TOMATO, True Stock: Pkt., 10c.; oz., 40c.; ¼ lb., \$1.10; lb., \$4.00.
 Price of JOHNSON'S IMPROVED No. 10 STRAIN: Pkt., 15c.; oz., 45c.; ¼ lb., \$1.25; lb., \$4.75.

Select List of Standard TOMATOES—SEED OF OUR OWN GROWING

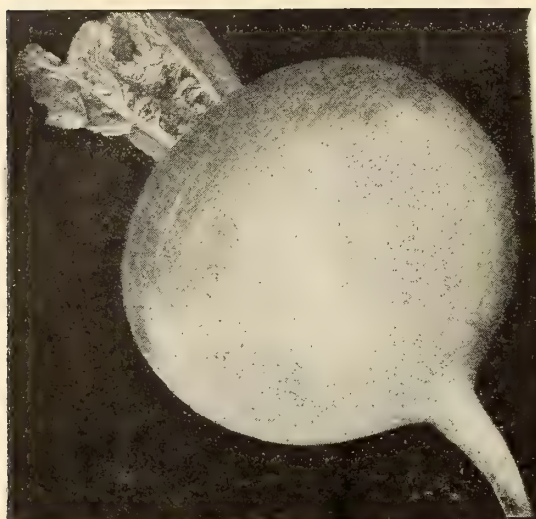
In regular size large packets, each, 5c. per packet, except where noted.

	Per oz.	¼ lb.	Per lb.
Early Paragon. Bright red; productive; standard for market and canning . . .	\$0 20	\$0 55	\$2 00
Livingston's Perfection. Early; large size; very productive; fine blood red . .	20	55	2 00
Livingston's Favorite. Large, smooth, productive; a good shipper and canner .	20	55	2 00
Livingston's Beauty. Large, smooth, purplish pink; thick flesh; regular form .	20	55	2 00
Early Acme. Bright pink; smooth, round, uniform size; productive and popular,	20	55	2 00
Atlantic Prize. Extra early; bright red; smooth, solid; profitable; pkt., 10c. .	25	70	2 50
Buckeye State. Very large, solid, meaty; deep purple; heavy cropper; pkt., 10c.,	25	70	2 50
Lorrillard. Best for greenhouse forcing; bright glossy red; very smooth; pkt., 10c.,	25	75	2 75
Livingston's Globe. Globe shape; smooth, large, productive; pkt., 10c. . . .	25	75	2 75
Truckers' Favorite. Large, solid and productive; color of Acme; pkt., 10c. . . .	25	70	2 50
The Enormous. A very large, new, smooth, deep red tomato; pkt., 10c. . . .	25	70	2 50
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 10	4 00
Ignotum. One of the earliest large, red, smooth varieties; productive; pkt., 10c.,	25	70	2 50
Dwarf Champion. Early; fruit resembles Acme; foliage upright; pkt., 10c. . . .	25	70	2 50
The Great B. B. Brinton's Best. One of the very best of the second early and main crop tomatoes; large, red, smooth and solid; pkt., 10c.	25	75	2 75
Golden Queen. The best large, smooth, yellow tomato; finest quality; pkt., 10c.,	25	70	2 50
Yellow Plum. Plum shape; bright yellow; used for pickles; pkt., 10c.	25	70	2 50
Clusterosa Yellow Egg. A great improvement on all other small yellow tomatoes. The best for preserving or pickling; wonderfully productive; pkt., 10c.	45	1 25	
Red Cherry. An inch in diameter; borne in clusters; for pickles; pkt., 10c. . . .	25	70	2 50
Strawberry, or Winter Cherry. (Husk Tomato.) Small yellow fruit; pkt., 10c. .	25	70	2 50

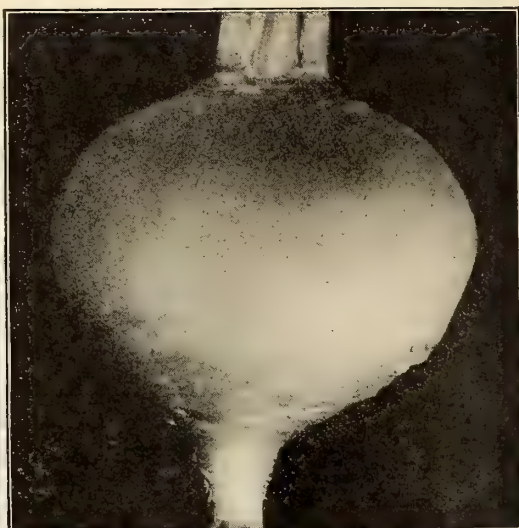
The above list contains about all the important standard varieties of Tomatoes. There are others which we carry in stock, and any variety not listed here can be supplied.

EXCLUSIVE SPECIALTIES

In addition to Sparks' Earliana Tomato, many of the other exclusive specialties of the old firm which have become famous, such as Johnson's Earliest Cabbage, Johnson's Market Gardeners' Cabbage No. 2, Johnson's Alabaster Cauliflower, Winter Queen Celery, Mammoth Salamander, Golden Gate, and Johnson's Summerlead Lettuces, Black Boulder and Johnson's Dixie Watermelons, Atlantic Prize, Santa Rosa and Brinton's Best Tomatoes, and numerous others, WERE FIRST DISCOVERED AND NAMED BY THE WRITER OF THIS CATALOGUE, HERBERT W. JOHNSON.



NEW MAMMOTH PURPLE-TOP GLOBE TURNIP.



MYERS' PURPLE-TOP BEAUTY RUTA-BAGA

JSC 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.

Large packets of any variety, 5c.; 5c. per lb. may be deducted for 5-lb. lots.

	Per oz.	¼ lb.	Per lb.
✓ Early Snowball. Very handsome; extra early, pure white, tender and sweet . . .	\$0 05	\$0 15	\$0 40
✓ Purple-Top Flat. (Strap-leaved.) Well-known standard popular early sort . . .	5	15	40
✓ Early White Flat Dutch. Very popular for spring sowing; fine for market . . .	5	15	40
✓ Early Red-Top White Globe. Early, productive and popular for market . . .	5	15	40
✓ Mammoth Purple-Top Globe. An improvement on Red-Top White Globe, . . .	10	20	50
✓ Purple-Top Milan. (True.) The earliest flat turnip; a very shy seeder . . .	10	25	75
✓ Extra Early White Milan. Same as the Purple-Top Milan, except white skin . . .	10	25	80
✓ Early White Egg. Very handsome; pure white; excellent for early or late . . .	10	20	50
✓ Pomeranean Large White Globe. Useful for both table and stock; very large, . . .	5	15	40
✓ Long Cow Horn, or White French. Very heavy cropper; best for stockmen . . .	5	15	40
✓ 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, . . .	5	15	40
✓ Yellow Aberdeen, Globe-Shaped. Very large; fine for table or cattle . . .	5	15	40
✓ Budlong, or Breadstone. Very early half-long white; fine table sort . . .	10	25	75
✓ Rhode Island White Rock. Early, productive and very handsome . . .	10	25	75
✓ Monarch, or Elephant Ruta-Baga. Large, oval-shaped; yellow flesh . . .	10	20	50
✓ Long Island Ruta-Baga, Purple Top. Very large; fine yellow flesh . . .	10	20	55
✓ Myers' 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, . . .	5	15	50
✓ Large White Ruta-Baga. Very large and productive; white skin and flesh . . .	10	20	55
✓ Seven Top. Very hardy; grown for leaves, which are used as greens or salads . . .	5	15	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.			
Balm. For culinary purposes, . . .	20	65	2 25	Superior to imported; seed			
Borage. Used for flavoring, . . .	15	40	1 25	of own growing. Pkt., 10c.,	\$0 40	\$1 00	\$3 00
Sweet Basil (Broad-Leaved), . . .	15	45	1 50	Imported Sweet Marjoram,	15	40	1 25
Caraway Seed. For flavoring, . . .	10	25	75	Rosemary. For seasoning			
Catnip (Cat Mint). Pkt., 10c., . . .	35	1 00		and aromatic oil. Pkt., 10c.,	30	85	3 00
Chervil. Used like parsley, . . .	10	25	75	Rue. Has medicinal qualities, . . .	20	50	1 75
Coriander. Seeds aromatic, . . .	10	20	60	Saffron. Medicine and dyeing, . . .	10	30	90
Dill. For flavoring vinegar . . .	10	20	60	Sage. Most used of all herbs, . . .	20	45	1 50
Fennel (Sweet)	10	25	75	Sorrel. (Large-Leaved.) Cul-			
Fennel (Florence Celery-				tivated for acidity	10	30	1 00
Rooted). Flavor like celery, . . .	20	50	1 75	Summer Savory. Culinary, . . .	10	30	1 00
Horehound. Pkt., 10c.	25	75	2 50	Winter Savory. Flavoring, . . .	20	50	1 75
Hyssop. Medicinal. Pkt., 10c., . . .	25	75	2 50	Tansy. For bitters. Pkt., 10c., . . .	35	1 00	3 50
Lavender. For oil and water, . . .	20	50	1 60	Thyme. Broad-leaved. Pkt., 10c., . . .	25	75	2 50
Marigold, Pot. For soups . . .	15	45	1 50	Wormwood. For poultry . . .	15	40	1 40

A GREAT NOVELTY AND SPECIALTY OFFER FOR ONLY 50 CENTS
OUR
AN EXCEPTIONAL FLOWER SEED OFFER FOR ONLY 25 CENTS

STRONGEST OFFERS

A COMPLETE VEGETABLE GARDEN FOR \$1.00

For the purpose of inducing thousands of new customers to give our seeds a fair trial, we offer, at a nominal price, the following splendid collections, knowing that we can safely count on making permanent friends of those who buy them. We cannot sell any other seed so cheaply, nor can we make any changes in these remarkable bargain collections, as they are packed during the dull winter season, when our hands have little to do and we have not figured the cost of labor.

A GREAT NOVELTY AND SPECIALTY OFFER FOR 50 CENTS

For 50 cents we will send by mail, all postage paid, 12 full-sized packets of the following Novelties and Specialties, which cost at regular prices more than double what we ask here for them :

1. **Bean, New Hodson Green Pod.** The latest novelty in beans ; enormously productive and rust-proof. See page 4.
2. **Beet, Lanier's Superba.** Most perfect beet in existence; early; fine keeper; rich color and quality. See page 20.
3. **Cabbage, Johnson's Quick Cash.** The earliest flat-headed cabbage; very solid; finest quality. See page 5.
4. **Cucumber, Davis' Perfect.** Perfection at last; combining quality, shape and dark green color. See page 6.
5. **Celery, Paris Golden Self-Blanching.** One of the easiest grown; early; entirely self-blanching. See page 26.
6. **Lettuce, New Early May King.** One of the best for spring planting; superior quality. See page 33.
7. **Muskmelon, or Cantaloupe, Improved Shippers' Delight.** Early, distinct and fine in quality. See page 10.
8. **Onion, Johnson's New Long-Keeping Prizetaker.** Largest and finest of all Yellow onions. See page 11.
9. **Pea, Thomas Laxton.** Very early; wonderfully large pods; delicious quality. See page 41.
10. **Pepper, New Neapolitan.** From Italy; the earliest and most prolific; very handsome red fruits. See page 12.
11. **Radish, New Early Snow White Box.** Very early; of handsome round shape and superior quality. See page 45.
12. **Tomato, Johnson's June Pink.** A pink Earliana; very early; fruits in large clusters; quality fine. See page 48.

A COMPLETE VEGETABLE GARDEN for \$1.00 postpaid

OUR SPECIAL INTRODUCTION BOX OF SEEDS embraces 30 full-sized packets of the choicest Vegetable Seeds, including all the above-named Novelties and Specialties and the 20 varieties described below

13. **New Wonder Bush Lima Bean.** The earliest, dwarfest and most prolific of all the Bush Limas.
14. **Ruby Dulcet Beet.** One of the earliest and best first quality beets for the home table.
15. **Short Stem Drumhead Cabbage.** Equally good for both medium, early and late use; large, solid heads.
16. **Improved Danvers Carrot.** One of the best and most productive; deep orange; fine for early or late use.
17. **Johnson's Winter Queen Celery.** Ribs stout, thick and heavy; fine quality and the best winter keeper.
18. **Mammoth Epicure Sweet Corn.** New, early, large, well-filled ears of most delicious quality.
19. **New Klondike Cucumber.** Very early, prolific, dark green, crisp, fine for slicing or pickling.
20. **New Giant Italian Leek.** Originally from Italy. The largest of all and mildest in flavor.
21. **New Mongolian Lettuce.** Superior for spring and fall planting outdoors. Handsome heads of superb flavor.
22. **Market Gardeners' Best Parsley.** The hardiest and best of all known sorts; very dark green color.
23. **Ideal Hollow Crown Parsnip.** An improved strain; distinct shape; beautiful, smooth, very productive and very sweet.
24. **New Mammoth Golden Cashaw Pumpkin.** The best for pies and cooking; skin and flesh rich orange color.
25. **New Celestial, or White Chinese Radish.** Equally valuable as a summer or winter radish.
26. **Mammoth Sandwich Island Salsify (Oyster Plant).** The only sort worth cultivating; very large and tender.
27. **New Mammoth White Bush Squash (Silver Custard).** An improved strain; early, large and fine quality.
28. **New Victoria Spinach.** Splendid for spring sowing; extra dark, black green color.
29. **Chalk's Early Jewel Tomato.** New, medium early and late tomato; bright scarlet; large, solid and meaty.
30. **Early White Egg Turnip.** Very early; handsome egg shape; pure white; fine quality for the table.

15 PACKETS CHOICEST FLOWER SEEDS FOR ONLY 25 CENTS

1. **ASTERS, Prize Mixed.** Embracing all the finest giant flowering and up-to-date sorts. A magnificent mixture.
2. **CARNATION, Marguerite.** A beautiful strain; will bloom abundantly until checked by frost.
3. **CANDYTUFT, Giant Flowering.** Popular annual; flowers profusely throughout the season.
4. **COSMOS, Giants of California.** Flowers measure 4 to 5 inches across. Splendid for cutting.
5. **DIANTHUS, or PINKS.** Single and double Japanese varieties, with brilliant flowers 2 to 4 inches in diameter.
6. **NASTURTIUM, Dwarf, or Tom Thumb.** The rich colors and freedom of bloom make them the most popular.
7. **PANSY, Large Flowering Mixed.** A strain of rare excellence; very large flowers with rare colors and markings.
8. **PETUNIA HYBRIDA, Finest Mixed.** Veined and striped varieties; very effective for bedding; bloom all summer.
9. **PHLOX DRUMMONDI.** Rich, brilliant colors; splendid for bedding; a popular and free bloomer.
10. **POPPIES,** Profuse bloomers and brilliant colors. The strain is unsurpassed for quality and variety.
11. **SWEET ALYSSUM, Little Gem.** Of compact habit; splendid for borders, rock work, edgings, pots and cutting.
12. **SNAPDRAGON, Giant Flowering.** Extremely effective; wide range of brilliant colors. Blooms until frost.
13. **SWEET PEAS, Giant Flowering Mixed.** Comprising only the best large-flowering sorts. Finest colors.
14. **VERBENA, Mammoth Mixed.** Unsurpassed for size, brilliancy of bloom and luxuriant growth.
15. **ZINNIAS, Giant Flowering.** (Youth and Old Age.) A general favorite and one of the showiest of annuals.



Fully appreciating the great importance to the farmer of **GOOD FIELD CROPS**, the writer has given particular attention to this department of the business and 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.

JOHNSON'S THOROUGHbred FIELD CORN

Selected for Seed—Tested for Vitality

THE 100-DAY BRISTOL FIELD CORN

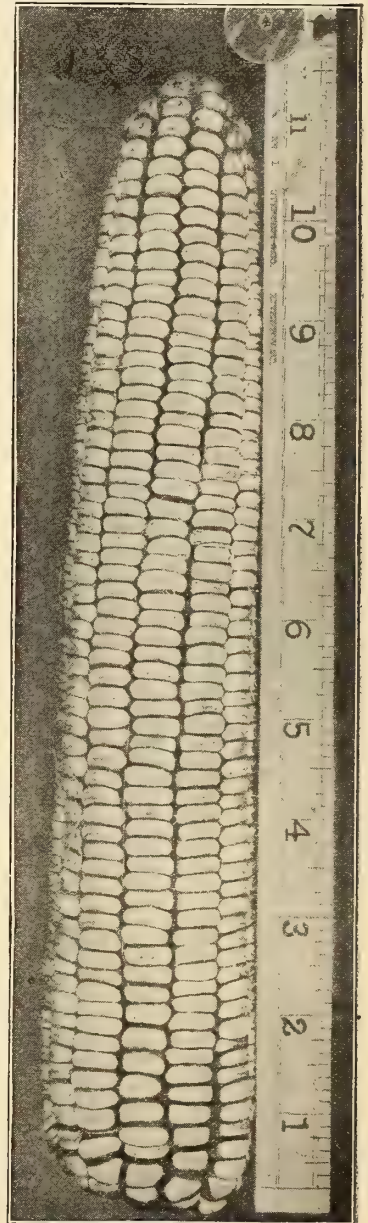
When a few years since, before naming and introducing it, I first saw this corn growing in the field, with its **enormous stalks and fodder**, one-half again as high as an ordinary-sized man, and its magnificent ears, averaging nearly a foot in length, as shown in the photograph, I was inclined to doubt its earliness. But after growing it ourselves and on the farms of hundreds of customers, 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. It is very high in protein, making it a fine ensilage corn. In fact, it is a **perfect field corn in all respects**. Prices,

pkt., 10c.; ear, 25c.; lb., 30c.; 3 lbs., 75c., post-paid, by mail; by express or freight, shelled, peck, 60c.; bush., \$1.60; sack of 2 bush., \$3.00; 10 bush. and over, \$1.35 per bush.; 50 ears, \$2.75; 100 ears, \$5.00, sacks included.



A few rows of 100-DAY BRISTOL CORN from our field of 22 acres, showing its wonderful growth of fodder.

The photograph alongside was taken August 3d, 1906. The writer of this catalogue, Herbert W. Johnson, standing at the end of the row, is 5 feet 11 inches tall, and as will be seen, the stalks at that early time were about one-half again as high, and before the end of the season many measured 13 to 14 feet.



Average ear, 100-DAY BRISTOL CORN.

Austin's Colossal Yellow Dent Corn

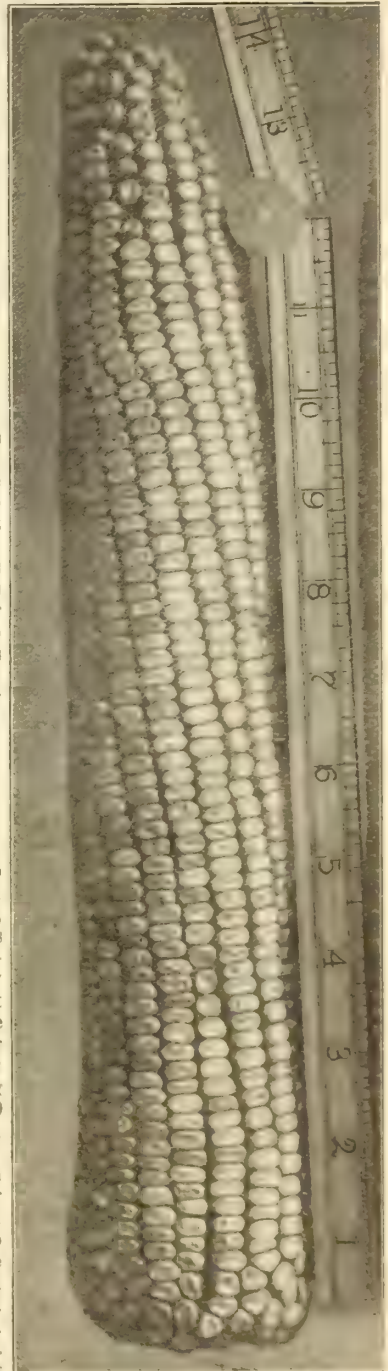
A wonder in large size of ears, uniformly over a foot in length, as shown in photograph alongside

The Highest Average Yields

The writer first saw this new corn while visiting 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 I feel justly proud in being the first to procure the seed from its experienced originator, Mr. H. W. Austin, to offer for sale. The yield on the farm of the originator in past seasons has averaged over 100 bushels to the acre, and in the most unfavorable seasons it has never given anything but a good yield of its magnificent ears, borne two to a stalk, ripening in 115 to 125 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 1907: lb., 35c.; 3 lbs., \$1.00, by mail, postpaid; by freight or express, sacks included, peck, 60c.; bush., \$1.60; bag of 2 bush. for \$3.00. On ear, 25 ears for \$1.75; 50 ears for \$3.00; 100 ears for \$5.00.

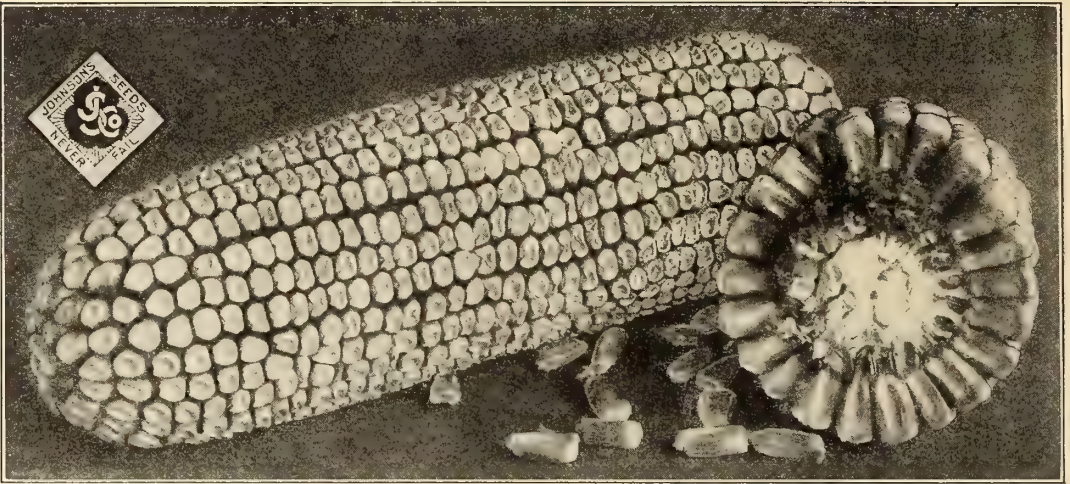
Improved Leaming Corn

I feel it a great honor to have been the first to call attention to the great value of the **True Improved Leaming Corn**, nineteen 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**, on the preceding page, are by far the earliest and best large-eared Early Yellow Dent Corns in cultivation. The ears are **large and handsome**, 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, and also in the extreme Northern States and Canada, where it has become very popular for fodder and ensilage purposes. Much of the so called Leaming Corn of other catalogues is not the true stock as originated and improved by Mr. Leaming. We offer seed grown by ourselves in Chester County, Pa., from Mr. Leaming's original improved strain. Prices, by mail, postpaid, pkt., 10c.; lb., 25c.; 3 lbs., 60c.; by freight or express, bags included, qt., 15c.; peck, 50c.; bush., \$1.40; sack of 2 bush., \$2.60; 10 bush. and over, \$1.25 per bush.; ears, 50 for \$2.60, 100 for \$4.50.



AUSTIN'S COLOSSAL YELLOW DENT CORN—Undoubtedly the largest field corn in cultivation. Our seed selected and grown by the originator.

34 Years' Experience back of **Johnson's Standard Quality Seeds.** 34 Years of testing and proving the best led to the selection of everything offered in this catalogue.



Johnson's Giant Beauty Field Corn

Giant Beauty is a cross between Cloud's Early Dent and Golden Beauty, possessing the **earliness** and **deep grain** of the former, with the **handsome, deep yellow color** of the latter. Its rich, deep golden color indicates its strong, nutritive qualities. It is a very vigorous grower, averaging eight feet in height, producing two large ears, well filled to the extreme ends of the cob. Pkt., 10c.; ear, 25c.; lb., 30c.; 3 lbs., 75c., postpaid, by mail; by express or freight, sacks included, peck, 60c.; bush., \$1.75; sack of 2 bush., \$3.25; 10 bush. and over, \$1.50 per bush.; 50 ears, \$2.75; 100 ears for \$5.00.

Corn—Standard Old Varieties

Prices of the following eight varieties, each, per pkt., 10c.; lb., 25c.; 3 lbs. for 60c., postpaid, by mail. By express or freight, quart, 15c.; peck, 50c.; bushel, \$1.40; sack of two bushels, \$2.75; ten bushels or more at \$1.30 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 105 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 50 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, 45c.; bush., \$1.30; 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., \$1.50; sack of 2 bush., \$2.90; 10 bush. and over, \$1.40 per bush.

SUGAR CORN FOR GREEN FODDER. Especially grown for fodder purposes, of quick growth, valuable for feeding green, cutting for ensilage, or curing for fodder. Bush., \$1.60; 5 bush. and over, \$1.50 per bush.

Seed Barley

NEW MANSHURY. Earliest and most productive. Qt., 15c.; peck, 50c.; bush., \$1.35.

SPRING BARLEY. Most popular in the North. Qt., 15c.; peck, 50c.; bush., 48 lbs., \$1.25.

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, 60c.; bush., \$1.80; 5 bush. and over, \$1.75 per bush., bags included.

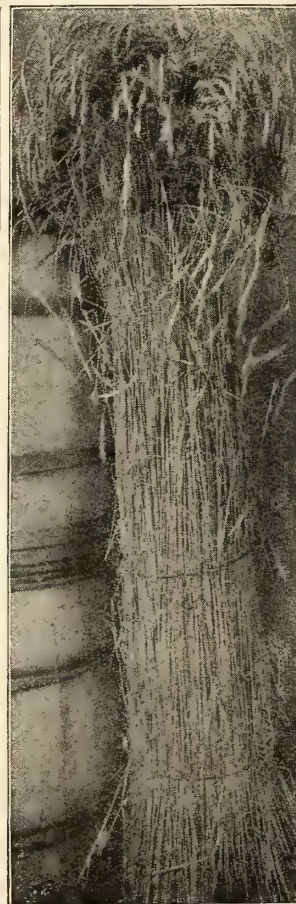
SPRING RYE

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., 30c.; 3 lbs., 75c., postpaid; peck, 45c.; bush., \$1.35; 5 bush. and over, \$1.25 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., \$1.10; 5 bush. and over, \$1.00 per bush., sacks included.

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



SPRING RYE, SHOWING HEIGHT AND PRODUCTIVENESS OF STRAW.

Choice Northern Grown Seed Oats EXTRA CLEANED



Photograph of average heads of WASHINGTON OATS, 12 inches in length.

NEW WASHINGTON OATS

The seed of this new white oat was first procured from Professor Carlton, of the U. S. Department of Agriculture, who pronounced them at the head of the Oat kingdom.

Prof. Moore, at experimental station, says: "New, heaviest, thinnest hull, stiffest straw, best of thirty-six varieties; weight, 36 to 40 lbs. measured bushel." A small field of 2 acres yielded 227 bushels. Our grower in Ontario County, N. Y., says: "They are the finest oats we have ever grown; straw 4 to 5 feet tall; many heads 10 to 12 inches long (as shown in our photograph alongside); they do not rust; stand up well; the plump meats make it the greatest of all oats." One of the largest and most experienced oat growers in Chester County, Pa., says: "Its wonderful productiveness is far beyond what the most enthusiastic farmers in this section ever expected to realize." Another says: "Twenty bushels per acre more than Welcome or Lincoln." Another grower says: "The best oats we have ever grown; about one week earlier than others; stand up well; do not rust; yield over 90 bushels per acre."

Prices for 1907. Choice seed grown in Ontario County, New

York. Per lb., 35c.; 3 lbs. for \$1.00, by mail, postage paid. By freight or express: Per peck, 65c.; per legal bush. (of 32 lbs.), \$1.75; sack of 3 legal bush. (96 lbs.) for \$5.00; 10 bush. and over, \$1.50 per bush.

GOLDEN FLEECE OATS

This splendid oat was first introduced in 1901, and hundreds of our customers have written us of its merits. It is, without doubt, one of the heaviest croppers, with possibly the exception of the **New Washington**, described above. 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. On account of its heavy stooling property, 6 pecks (1½ bushels) is sufficient to seed an acre.

Price, per lb., 25c.; 3 lbs., 60c., by mail, postpaid; by freight or express, peck, 40c.; legal bush. (32 lbs.), \$1.15; sack of 3 legal bush. (96 lbs.), \$3.00; 10 bush. and over, 95c. per bush., sacks included.

TARTAR KING OATS

This grand new and prolific white oats has been thoroughly tested in different sections and is highly spoken of. It seems to be adapted to all soils, has a robust and vigorous constitution, is quite early and an immense cropper; straw being long and stout, stands up well and does not readily lodge. The kernels are of large size, thick, plump and heavy. Prices same as for **Golden Fleece**, described above.

STANDARD VARIETIES

Prices of each of the following **Standard Varieties of Seed Oats**, 25c. per lb., or 3 lbs., 60c., postpaid; by freight or express, peck, 40c.; per legal bush. (32 lbs.), \$1.10; 10 bush. and over, 95c. per bush., bags included.

White Maine, early, handsome and productive.

Danish Island, originally from Denmark; very hardy.

Swedish, Welcome, White Russian, Virginia Winter Turf, choicest seed carefully re-cleaned, at above prices.

Fodder and Soiling Plants



PLANT OF SAND OR WINTER VETCH—NOTE THE GREAT NUMBER OF NITROGEN TUBERCLES ON ROOTS.

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., 30c.; 3 lbs., 75c., by mail, postpaid; by freight or express, lb., 20c.; 10 lbs., \$1.50; 100 lbs. and over, 10c. per lb.

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., \$3.00, by freight.

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. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.20, postpaid.

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. Directions for culture with all orders when requested. Lb., 35c.; 3 lbs., \$1.00, postpaid; by express, lb., 25c.; 10 lbs. and over, 20c. 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 made 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 with-stands 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., 15c.; peck, 60c.; bush. of 56 lbs., \$2.00; 5 bush. or over, \$1.75 per bush.

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., 10c.; peck, 50c.; bush., 60 lbs., \$1.50.

RED AND WHITE MILLO MAIZE

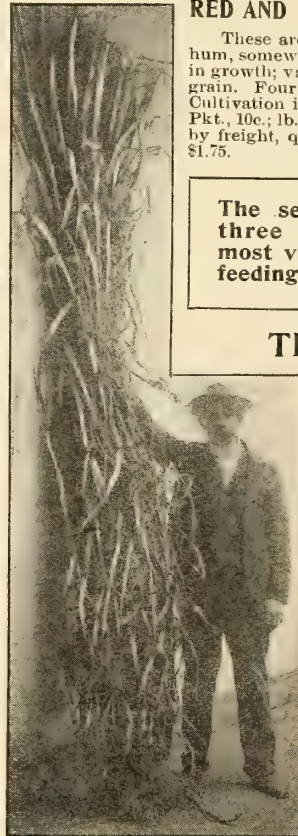
These are popular varieties of sorghum, somewhat similar to Kaffir Corn in growth; valuable for both forage and grain. Four pounds will plant an acre. Cultivation is same as for Kaffir Corn. Pkt., 10c.; lb., 25c.; 3 lbs., 60c., postpaid; by freight, qt., 15c.; peck, 60c.; bush., \$1.75.

The seed of the above three varieties is the most valuable of all for feeding to poultry.

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 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., 75c., postpaid; by express or freight, lb., 65c.; 5 lbs. and over at 60c. per lb.



TEOSINTE, grown in the North, showing its enormous growth.

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.

- SOUTHERN BLACK EYE COW PEA
- EXTRA EARLY BLACK EYE COW PEA
- BLACK, or RAM'S HORN COW PEA
- WHIP-POOR-WILL and CLAY, EACH
- MIXED COW PEAS

PRICES BY LETTER

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 \$1.60 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, \$1.00 bush. of 60 lbs., \$3.75

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, 75c.; bush., \$3.00; 5 bush. and over, \$2.90 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., \$3.50.

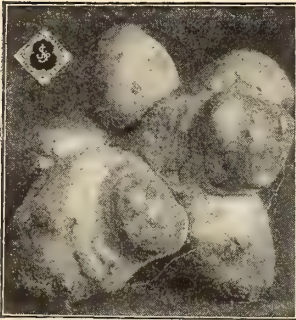


DWARF ESSEX RAPE—EIGHT WEEKS FROM SOWING.

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 \$3.25; 100 lbs. and over at 6c. per lb. Special prices by letter for larger lots.

Jerusalem Artichoke Roots



JERUSALEM ARTICHOKE ROOTS.

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 pre-

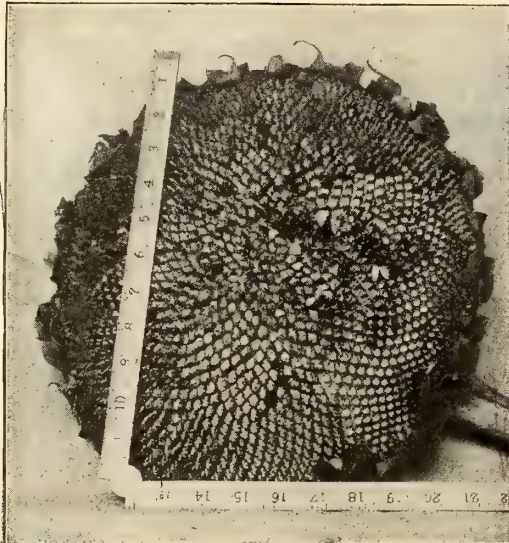
ventive of cholera and other hog diseases, and they are also highly recommended for milch cows, increasing the yield of milk and at the same time improving their condition. Three bushels will seed an acre. They should be cut and planted same as potatoes, one eye to a cut being sufficient. They can be shipped at any time during the season, as they are not injured by freezing. **Prices, Jerusalem Artichoke Roots:** Lb., 35c.; 3 lbs., \$1.00, postpaid; by freight or express, peck, 75c.; bush., \$2.50; bbl. of 3 bush. (enough for one acre), \$6.50.

Artichoke Seed—Large Green Globe

The flower head makes a delicious table vegetable, cooked like asparagus. Pkt., 10c.; oz., 30c.; lb., \$3.00.

Speltz, or Emmer (Triticum Spelta)

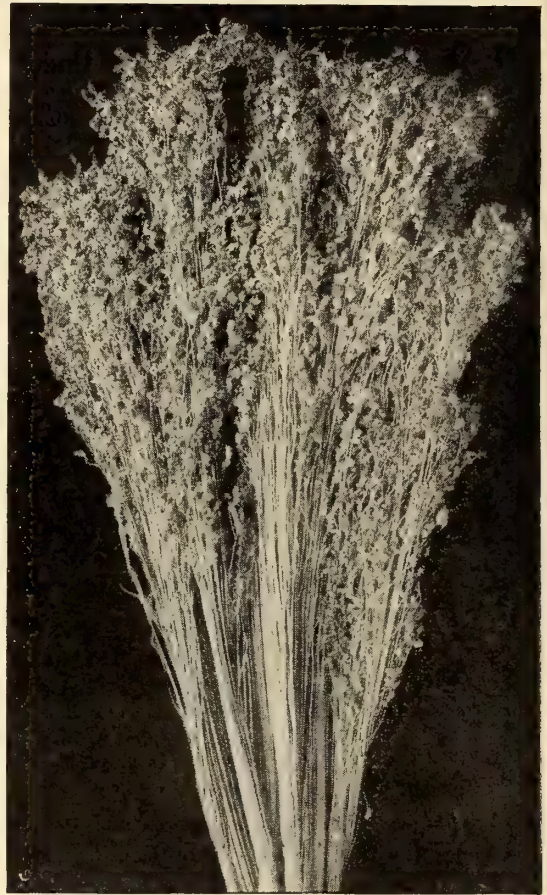
This new Russian grain is intermediate between wheat and barley, and is readily eaten by all kinds of stock. It is adapted for milling, as well as for feeding, making a grade of flour similar to rye. The straw resembles wheat straw. It grows large crops—40 to 80 bushels per acre—on poor lands, stony ground and open prairies, and will give double the crop of oats or barley. Drill at rate of 3 bushels per acre. Pkt., 5c.; lb., 30c.; 3 lbs., 75c., postpaid; by freight or express, qt., 15c.; peck, 50c.; bush., \$1.50.



A SEED HEAD OF MAMMOTH RUSSIAN SUNFLOWER.

Mammoth Russian Sunflower

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, 50c.; bush., \$1.50; sack, 2 bush., \$2.75; 5 bush. and over, \$1.25 per bush.



BRUSH OF WEBER'S IMPROVED EVERGREEN BROOM CORN.

Weber's Improved Evergreen THE BEST BROOM CORN 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., 30c.; 3 lbs., 75c., postpaid; qt., 25c.; peck, 80c.; bush., \$2.75.

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., 15c.; lb., 50c., postpaid; 5 lbs. and over, by express, 35c. per lb.

Tobacco Seed

CONNECTICUT SEED LEAF. Saved from selected plants. Pkt., 10c.; oz., 20c.; ¼ lb., 55c.; lb., \$2.00.

HAVANA. Genuine imported seed, direct from Cuba. Pkt., 10c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.75.

SUMATRA, STERLING, GENERAL GRANT, PENNSYLVANIA AND LANCASTER BROAD LEAF, each, pkt., 10c.; oz., 25c.; ¼ lb., 70c.; lb., \$2.50.

Fruit Tree Seeds

Peach Pits. Pure Tennessee, natural, lb., 20c., postpaid; bush., \$2.00. **Apple Seed,** lb., 40c.; bush., \$8.50. **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., 25c.; lb., \$2.50. **Osage Orange.** For hedges. Lb., 45c.; bush., \$8.00.

A PAGE OF MILLETS



Photograph of Millet tests. Note the difference. The tall, leafy sort on the man's right is the **Genuine Southern Grown German**. The one on his left is **Common Western Millet**.

The Difference between Southern 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 bushel for *true Southern Grown German Millet* than to sow the best Northern Millet as a gift. Millet seed produced in the North or West, 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.

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



SEED HEADS OF TRUE SOUTHERN GROWN GERMAN MILLET.

German 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., 50 lbs., about \$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. 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 00.



JAPANESE MILLET—FIELD FROM WHICH OUR ORIGINAL SEED WAS SAVED BY THE INTRODUCER, PROF. BROOKS.

Japanese Barnyard Millet

Valuable new forage plant introduced into this country by Prof. Brooks, of the Massachusetts Agricultural Experiment Station. Yields enormously 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 or June broadcast, 10 to 12 lbs. per acre, or in drills, 8 lbs. per acre. Prices, by mail, postpaid, per lb., 25c.; 3 lbs., 60c.; by express or freight, lb., 15c.; 10 lbs., \$1.00; bush. of 30 lbs., \$2.00; bag of 2 bush. for \$3.50.

Siberian, or Russian Millet

A new and productive forage plant from Russia. It is extremely hardy, withstands drought and is earlier than German Millet. Grows 4 to 5 feet in height, ranker, and produces more leaves than Hungarian Millet. Its stooling 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. Yield of hay is one-third to one-half more per acre than Hungarian, 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.; bush. of 50 lbs., \$2.00; 2 bush. and over, \$1.75 per bush.

Bell and Long Distance 'Phone
MARKET 489

Keystone and Eastern 'Phones
MAIN 14-41



'Phone or Write for Prices on Millets, Grass, Clover and Farm Seeds, prices of which vary with the market and which we can often supply below catalogue rates.

THE DAYS OF USING SOD

will soon be over, when people know how easily beautiful lawns are made ready for cutting in from 5 to 6 weeks by sowing Johnson's Lawn Grass Seed Mixtures. It is a well-ascertained fact that a thick and more prolonged growth is produced by a mixture of many sorts of grasses than by only one or two. For every different kind and condition of soil there are grasses that are especially suitable. Some mature early, others late; so that from the beginning of spring until winter sets in, there is no time when one species or another is not at its best. For this reason, the judicious selection of grass seed, for the creation of a beautiful lawn or grass plot, or a durable pasture or hay crop, requires a knowledge obtained only by an intimate study of the habits of varieties as respects quality of herbage and vigor of constitution. It is not sufficient to select the one grass indigenous to the soil or climate, for it may not possess the many qualities requisite for the purpose desired, for hardness and permanence, which combination of qualities and character is best found in a mixture of sorts.

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



Johnson's "Fancy" Lawn Grass Seed

**will produce a permanent and velvety deep green sward at all seasons.
Equally valuable for renovating old and worn-out lawns**

This is our best mixture of the best deep-rooted, native and acclimated foreign, fine-leaved grasses, properly blended, so they can not be excelled for the purpose, standing the extremes of heat, drought and cold. This is really the cheapest, cleanest and heaviest mixture of Lawn Grass Seed ever offered, because, while other mixtures on the market will not average over 14 lbs. to the bushel, this weighs 22 lbs. per bushel. Price, qt., 20c. (qt., postpaid, 25c.); 4 qts., 60c.; peck, \$1.00; bush., 22 lbs., \$1.00.

Johnson's Standard Evergreen Lawn Seed Mixture

Johnson's Standard Evergreen is a well-balanced combination made from our own formula, of fine native grasses that will produce a beautiful effect throughout the whole of the growing season. It has become standard, being largely used on the best public and private grounds around Philadelphia, New York and other large cities. Price, per qt., 15c. (qt., postpaid, 20c.); peck, 75c.; bushel, \$3.00.

Fairmount Park Lawn Grass Seed Mixture

This mixture we supplied for many years to Fairmount Park, the largest in the world. It will give good results where the finest grasses are not required, and is also valuable for use on railroad embankments, terraces and exposed lawns. Qt., 15c. (qt., postpaid, 20c.); peck, 75c.; bush., 14 lbs., \$2.50.

Johnson's Shadow Lawn Grass Seed

This is a new mixture, prepared especially for shady places

It is quite difficult to obtain a satisfactory growth of grass under trees and in shady places; for sowing in such places we recommend its use. Qt., 25c. (qt., postpaid, 30c.); peck, \$1.25; bush., \$4.50.

Where several bushels of Lawn Grass Seed are wanted, write for SPECIAL PRICES

GRASS SEED MIXTURES



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

Johnson's Fair Green Mixture for Golf Links

Made from our own formula, without clovers, and with the object of producing a turf which will stand rough usage. For Cricket Tables, Golf Links, Polo Grounds, or wherever a good sward is wanted, this is a first-class mixture and will give perfect satisfaction. Our brand is used on the grounds of many leading Golf Links throughout the country. Sow 4 bushels to the acre. Price, per qt., 15c; peck, 75c; bush. (15 lbs.), \$2.50; 10 bush. and over, \$2.25 per bush.

Johnson's Putting-Green Mixture for Golf Links

This new mixture, produced after careful study, has given great satisfaction wherever used. It produces a thick, tough, beautiful green turf. The varieties comprising this mixture are all the finest bladed, low growing and most hardy kinds, and will maintain their rich velvety green color throughout the season. Sow 3½ bush. to the acre. Price, qt., 25c.; peck, \$1.25; bush. (20 lbs.), \$4.50.

Johnson's Special Mixtures for Permanent Pastures and Mowing Lands



Good Pastures are the Foundation of Successful Farming

Sow two and one-half bushels to the acre

These famous mixtures are a well-balanced combination of a number of native and acclimated foreign grasses and clovers, blended so as to produce a permanent, dense and deep rooting turf that will yield year after year the maximum quantity of hay, and afterwards to afford, if desired, a constant and abundant pasture. After the hay crop is cut, the grass commences to grow at once, recovering its verdure in a few days, and affords excellent pasturage even through dry summer weather. Both mixtures will maintain their valuable qualities 20 years or more if they are occasionally top-dressed with manure and occasionally sprinkled with grassseed. The mixtures contain, in suitable proportion, 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.

No. 1 Grass Mixture for Permanent Pasture } Each, per bush., \$2.50, or in lots of 10 bush. and
 No. 2 " " " " Mowing } over, \$2.25 per bush., sacks included.



JOHNSON'S EXTRA RE-CLEANED CLOVER AND GRASS SEEDS

Caution.—Buyers of clovers should be very careful about buying seed offered below the market price, as there are many samples adulterated to a large extent with Yellow Trefoil and other cheap, worthless seeds. We are exceedingly careful of our source of supply. We handle only one grade, and that the best.

POSTAGE ON CLOVER AND GRASS SEEDS

Remit, in addition to the price, 10c. per lb. and 15c. per qt., except on light varieties of grasses, which do not weigh over 14 lbs. per bush., on which remit 5c. per qt., to prepay postage, when ordered to be sent by mail.

Prices Subject to Market Changes

Alfalfa, or Lucerne Clover. Every farmer should endeavor to have at least a few acres of alfalfa clover. With our present understanding of the crop, there should be no difficulty in getting a good stand, but care must be taken in putting it in right and taking care of it afterwards. Sow in the spring or in August, as preferred, at the rate of 25 to 40 lbs. per acre; see that the soil is sweet and well manured. If your soil does not contain the proper bacteria, it can be obtained by the use of Nitro-Culture. The field should be cut when the plant begins to bloom, whether it is tall enough for use or not, and should be cut three or four times each season. When a good stand is once secured, it will generally last from 8 to 10 years, giving three or four crops per annum. Alfalfa Clover Hay has no equal, as it is very rich in protein and makes a balanced ration that will save the purchase of higher-priced foods. Price, per lb., 20c.; 10 lbs., \$1.75; bush. of 60 lbs., \$9.75.

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. Price, per lb., 25c.; 10 lbs., \$2.00; bush., 60 lbs., \$10.50.

CRIMSON or SCARLET CLOVER

A most valuable crop is this annual clover. As an improver of the soil, or for an early summer forage or hay-crop, it is first-class. As a green manuring crop for grain, fruit or trucking crops, it gives the very best results, while for improving poor land it has few equals. It succeeds on every kind of soil. Sow ten to fifteen pounds to the acre in June or July, or can be sown in the fall either broadcast or drilled in, as a winter cover or soiling crop, being a great soil enricher, adding humus and nitrogen. Lb., 15c.; 10 lbs., \$1.25; bush. of 60 lbs., about \$5.00.

ALSIKE or SWEDISH CLOVER. The hardiest of all; well adapted for permanent pastures or for hay crop. Never heaves or throws in the winter; thrives equally well on wet or dry soil, through extreme droughts or excessive rains. Grows on clover-sick land and yields a heavy bulk of herbage where no other clover succeeds. Blossom heads much liked by bees. Sow six pounds per acre in spring or fall. Lb., 20c.; 10 lbs., \$1.75; 25 lbs., \$4.25; bush., 60 lbs., about \$8.75.

WHITE DUTCH CLOVER. The best to sow with lawn grass and valuable in permanent pastures. Oz., 5c.; lb., 30c.; 10 lbs. and over, 25c. per lb.; bush., 60 lbs., \$14.00.

CLOVER MEDIUM RED. Pure and free from weed seeds and of high germination. Lowest market prices cheerfully quoted by letter.

MAMMOTH PEA VINE, or SAPLING CLOVER. Market variable. Write us for lowest market prices.

SAINFOIN, or ESPARSETTE. (Holy Hay.) A land-enriching, luxuriant, heat-resisting perennial clover. Lb., 15c.; 10 lbs., \$1.25; bush. of 25 lbs., \$2.50.

BOKHARA CLOVER (Honey Plant). Excellent for bee food, growing well on poor soil. Lb., 25c.; 10 lbs., \$2.25.

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.

HUNGARIAN, or AWNLESS BROME-GRASS (*Bromus Inermis*). This great drought-defying, frost-resisting grass yields enormous crops of splendid hay, and affords rich, abundant pasturage. *Bromus Inermis* has been known in Europe for over one hundred and thirty years. It is grown extensively in Hungary and is commonly known as Hungarian or Smooth Brome-grass. 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 30 pounds to the acre if alone; if with clover, 20 pounds. It may be sown in the fall with winter wheat, or in the spring. Per lb., 20c.; qt., 15c.; bushel of 13 lbs., \$2.00; 2 bushels, \$3.75.

CANADIAN BLUE GRASS (*Poa Compressa*). The hardiest grass in cultivation; should not be confounded with the Kentucky Blue Grass. Canadian Blue Grass shoots its leaves very early. All grazing animals eat it greedily; cows fed on it produce a very rich milk. It is especially relished by sheep. Its bluish green stems retain their color after the seed is ripe. An excellent grass for dry, sandy, thin soils and banks, and for covering the surface of rocky soils. Three bushels to the acre. Qt., 10c.; bush., 14 lbs., \$1.60; 5 bush. and over, \$1.50 per bush.

KENTUCKY BLUE GRASS (*Poa Pratensis*). Valuable for pasture when mixed with other varieties. Qt., 15c.; bush., 14 lbs., \$2.25; 5 bush. and over, \$2.15 per bush.

ORCHARD GRASS. One of the most desirable pasture grasses. Qt., 15c.; bush., 12 lbs., about \$1.60.

TIMOTHY. Qt., 20c.; bush., 45 lbs., about \$2.25.

HERD, or RED TOP GRASS. A valuable native permanent grass, as a mixture in meadows or pastures. Choice seed in chaff. Qt., 10c.; bush., 10 lbs., \$1.00; in sacks of 50 lbs., about \$3.50; extra fancy solid seed, lb., 20c.; 10 lbs., \$1.50; 100 lbs. and over, 13c. per lb.

JOHNSON GRASS (SORGHUM HALAPENSE). Valuable for the South for meadow or hay; withstands heat and drought. Qt., 20c.; bush., 25 lbs., \$2.50.

NATURAL GREEN GRASS. Qt., 20c.; bush., \$2.75.

MEADOW FESCUE, or ENGLISH BLUE. Qt., 15c.; bush., 22 lbs., \$2.25. 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., 15c.; bush., 24 lbs., \$1.60.

ITALIAN RYE GRASS. Qt., 15c.; 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., 35c.; bush., 20 lbs., \$5.50.

WOOD MEADOW GRASS. Adapted for pleasure grounds under trees; fine for pastures under close feeding. Sow 28 pounds to acre. Lb., 40c.; bush., 14 lbs., \$4.75.

SWEET VERNAL GRASS (*True perennial*). Lb., 60c.; Sweet Vernal (annual), lb., 20c.; bush., 10 lbs., \$1.50.

RHODE ISLAND BENT, HARD FESCUE, SHEEP'S FESCUE, CREEPING BENT. Each, per lb., 25c.; 10 lbs. and over, 20c. per lb.

MEADOW FOXTAIL, ROUGH STALKED MEADOW, FINE LEAVED FESCUE, TALL FESCUE. Each, per lb., 40c.; 10 lbs. and over, 35c. per lb.

We carry a large line of Natural and Fancy Grasses; any varieties not listed above will be cheerfully quoted by letter.

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." See Nitro-Culture, next page.



Nitro=Culture



IS NOW STRONGLY ENDORSED
BY LEADING AGRICULTURISTS
THE WORLD OVER

NITRO-CULTURE is a harmless germ which increases the crop, enriches the soil and makes poor farms productive by drawing nitrogen from the inexhaustible supply of the atmosphere. For a number of years it has been known that leguminous plants have the power to acquire this atmospheric nitrogen through enlargements upon the roots, called root nodules, which are caused by bacteria. Different crops require separate and distinct bacteria. When the soils are lacking in the proper bacteria for the crops which are grown upon them, it is absolutely essential that these bacteria be supplied. The farmer must ascertain whether or not his soil is lacking in the proper bacteria. If they are already in the soil it is useless to add more, as no increase in yield would be obtained. If your farm will not produce good crops of clover or alfalfa, or if it turns yellow after once coming up; if you have tried peas and beans with poor results, then you may be assured **NITRO-CULTURE** will be of assistance to you.



Copyright by N. N. C. Co., 1905.

THE DIFFERENCE IN COW PEAS. (See letter alongside.)

MONTVERDE, FLA.,
September 4, 1906.
Gentlemen:—I mail you to-day a photograph of my field of Cow Peas treated with your Nitro-Culture. I am standing in the field with a few plants in each hand, inoculated plants in my right hand and uninoculated in my left hand. You will see that the inoculated plants are about twice as high as uninoculated and are well filled with pods, while the uninoculated are not yet in bloom and show not one nodule on their roots. The inoculated plants are full of nodules, very evenly distributed on all of the roots. My land is poor sand-hill land, that would not make corn at all and very little of any other crop without having fertilizing. These peas were not fertilized at all, and are of the dwarf or bush variety.

Very truly,

[Signed]

GEORGE A. KIRK.

The bacteria are dried on absorbent cotton, which is placed in moisture-proof tubes. When diluted according to directions which accompany each package, the seed to be treated is thoroughly moistened with the solution and then put aside to dry in a shady place. Excessive heat or the direct rays of the sun destroy the bacteria. Before planting the seed you should be sure that your soil is not sour or acid. If this condition should exist, it should be neutralized by a good coating of lime, well worked into the soil. Where the land is of an acid nature the bacteria cannot perform their proper functions; neither can the crop make as good growth.

NITRO-CULTURE is especially prepared for the following crops. In ordering, please state what crops are to be inoculated—Alfalfa, Red Clover, Alsike, White Clover, Crimson Clover, Field Peas, Garden Peas, Cow Peas, Sweet Peas, Bush Beans, Green and Wax Pods, Lima Beans, White Field Beans, Soja Beans, Velvet Beans, Vetch, Peanuts.

All the Cultures we offer are prepared under the personal supervision of Dr. George T. Moore, the discoverer of the "Germ Theory," and formerly with the U. S. Department of Agriculture.

Price-List: Trial package, $\frac{1}{4}$ to $\frac{1}{2}$ acre, 50c.; acre package, \$1.50; 5 acre package, \$5.00.

Special Garden Size, for Sweet Peas, Garden Peas and Garden Beans, 25c. each.

GET THE BEST—JOHNSON QUALITY

We are determined the word **JOHNSON** shall stand for **QUALITY**, whether in Seeds, Bulbs, Tools, Implements, Poultry Supplies or anything else we grow or handle. **Address all orders**

Johnson Seed Company 217 Market Street
PHILADELPHIA PA.

Floral Novelties and Specialties



DAYBREAK ASTER. Per pkt., 10c.

PURITY ASTER

No. 315. Possessing all the good qualities of the Daybreak, with which it is identical in form and habit, but the color is a pure white. Per pkt., 10c.

NEW DOUBLE CRIMSON PETUNIA, KING ALPHONSO

No. 2353. A charming new hybrid that is destined to become one of the most popular petunias that has been introduced in many years. The beautiful dark crimson flowers attain an immense size, in so much that the broad fringed and ruffled petals almost conceal its brilliant black throat. Per pkt., 20c.; 3 pkts., 50c.

HERCULES WHITE ASTER

No. 317. This new aster has a most imposing aspect. The plants throw up strong stems 15 to 20 inches high, which branch about 4 inches from the ground, bearing at their summit many central flowers, while on the side shoots appear 4 to 6 secondary blooms. The flowers are of the purest white, with very long petals, and attain the enormous diameter of 6 to 7 inches, and can be compared to the large exhibition flowers of the Giant Chrysanthemum. It is excellent either for cut flowers or for planting in borders in the open ground. Price, pkt., 15c.; 2 pkts., 25c.

NEW ASTER, EARLY WONDER

No. 316. This is the earliest aster in cultivation; of the Giant Comet type; blooming several days before the **Queen of the Market**, with pure white flowers double the size. This will prove a great acquisition to growers, enabling them to have large early blooms in the market when they command a high price. Per pkt., 10c.

FLORAL NOVELTIES and **SPECIALTIES** are carefully tested at our **SEED TESTING HOUSES** before being offered to our customers, and can be depended upon as being of the **HIGHEST GERMINATIVE POWER**. The new and standard sorts herein offered are of superlative merit and produced by the leading American and European growers.

DAYBREAK ASTER

No. 314. One of the most beautiful of asters, and prized by florists and private gardeners for cutting and bedding. Its color is a lovely sea shell pink; flowers early; of strong, compact habit; long stemmed, and a continuous free bloomer. Per pkt., 10c.

New Giant Oriental Poppy "Colosseum"

No. 2393. Few plants can rival in splendor the beautiful Oriental Poppy. The tall plants, with their deeply cut dark green leaves, produce a striking effect. The flowers are a glistening dark scarlet, measuring 8 inches across and 20 inches in circumference, and exceedingly effective when displayed in large vases. Per pkt., 15c.; 2 pkts., 25c.



NEW ASTER, EARLY WHITE WONDER.

FLORAL NOVELTIES AND SPECIALTIES

Johnson's Mammoth Perfection Cosmos

The flowers of this grand strain measure 4 inches across and produce a profusion of bloom from late summer until killed by frost. Splendid for cutting. Start the seed early.

- No. 933. Mammoth White, 10c. per pkt.
- No. 935. Mammoth Pink, 10c. per pkt.
- No. 936. Mammoth Scarlet, 10c. per pkt.
- No. 932. Mixed, 10c. per pkt.

New Carnation, Giants of Nice

No. 655. 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 begining 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.



MAMMOTH PERFECTION COSMOS. Per pkt., 10c.

Princess Pinks

(*Dianthus Laciniatus Punctatus*)

No. 1099. Magnificent strain of the single flowered fringed annual pinks, with mottled, flaked, striped and marbled flowers in the greatest diversity of colors. The plants are bushy and compact, about one foot high and flower profusely throughout the season. Per pkt. 15c.; 2 pkts., 25c.

Dianthus Laciniatus Paragon

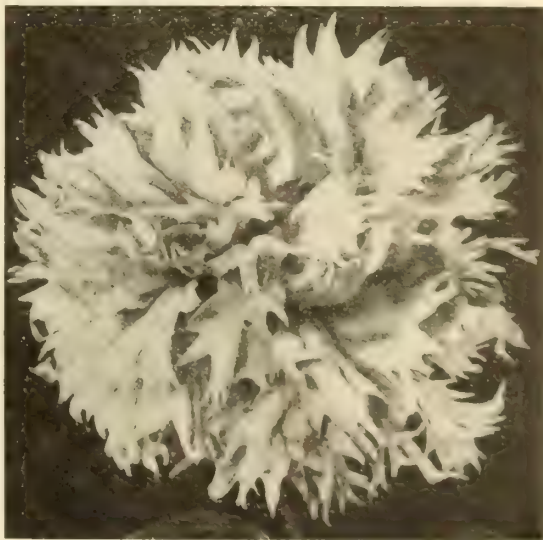
No. 1071. Some years ago we introduced and are still selling *Dianthus Laciniatus New Hybrids*. The new variety, Paragon, is selected from these New Hybrids, and has been brought to very great perfection. Its color is of a delicate deep claret, which shows a wonderfully beautiful effect, either in the individual flowers massed together as cut flowers or planted outdoors in groups or borders. It is highly recommended, and we offer it with every confidence that it will please everyone who tries it. Price, pkt., 15c.; 2 pkts., 25c.

DIANTHUS SNOWDRIFT

No. 1070. This is one of the most beautiful Double *Dianthus* ever introduced. The plant is very robust, branching freely, growing about a foot high, and throwing up a quantity of most exquisitely beautiful flowers, 3 to 4 inches across, perfectly double and with the finest fringed petals of the purest white. The effect in single plants is very pleasing, but in massing them it is very showy indeed. Price, pkt., 15c. each; 2 pkts., 25c.



CARNATION, GIANTS OF NICE. Pkt., 20c.; 3 pkts., 50c.



DIANTHUS SNOWDRIFT. Pkt., 15c. 2 pkts., 25c.

Johnson's
TESTED AND PROVEN
SEEDS
PHILADELPHIA, PA.

Floral Novelties and Specialties



CHRYSANTHEMUM, SNOWBALL.

Double Chrysanthemum, Snowball

No. 700. This is a large flowering, double, pure white, annual chrysanthemum. Easily raised from seed, which, if sown early in the spring, will produce blooming plants by late summer. As seen in the illustration, they are very perfect in form and show very little disc in the center of their large, double flowers; this is a great advance in the annual chrysanthemum. Price, pkt., 15c.; 4 pkts., 50c.

NEW POPPY, ADMIRAL

No. 2394. This single pæony-flowered poppy is of surprising beauty. It is characterized by large, round, smooth-edged flowers of glistening pure white, with a broad band of brilliant scarlet around the top, occupying a full quarter of the corolla. These two colors make an extremely striking contrast, similar to that seen in the variety Danebrog. When planted in groups, the Admiral Poppy produces a magnificent effect. Per pkt., 15c.

CALLIOPSIS

Tom Thumb Beauty

No. 565. This elegant dwarf and compact growing annual is one of the most desirable of its class. The plants grow about 8 inches high and are literally covered with bloom, the color of which is very showy, being a golden yellow with crimson center. A gem either for pots or borders. Per pkt., 10c.

JOHNSON'S FAMOUS WILD FLOWER GARDEN

Per packet, 5c.; ounce, 10c.; ¼ pound, 30c.

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 beds on which no care will be bestowed, or even for sowing in exposed situations, where wildness is preferred to order and precision. The mixture comprises mignonette, candytuft, larkspurs, marigolds, poppies, foxgloves, and many other garden favorites, which will flower successively and yield an abundance of bloom. Large pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.



Mignonette Mchet, Yellow Prince

No. 2019. This new and very beautiful Mignonette is the finest yellow flower variety that has ever been introduced. It throws up its great giant stalks with flowers of the richest canary-yellow, and they are a very great improvement on anything in this color that has ever before been offered. The foliage is thick and heavy, making a beautiful pot-plant as well as one that is excellent for the open border. Price, per pkt., 20c.; 3 pkts., 50c.

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., 10c.



SCHOOL CHILDREN CULTIVATING FLOWERS ON VACANT LOTS ON OUTSKIRTS OF THE CITY.

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. *Acroclinum*. Mixed double flowering. An "ever-lasting" for winter bouquets Pkt., 5c.

ADLUMIA

60. *Cirrrosa* (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

Hardy perennials, luxuriating in the moist 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 of 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.

AQUILEGIA, OR COLUMBINE



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 PEONY PERFECTION ASTERS.

PEONY 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, Glowing crimson; 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.

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| | 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.

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| | PER PKT. |
| 331. German Quilled. (<i>Betteridge's Prize</i>) Mixed | \$0 05 |
| 332. " " Pure white | 65 |

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.

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| | 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.

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| | 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.

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| | 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.

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

POPULAR MIXTURE OF ASTERS

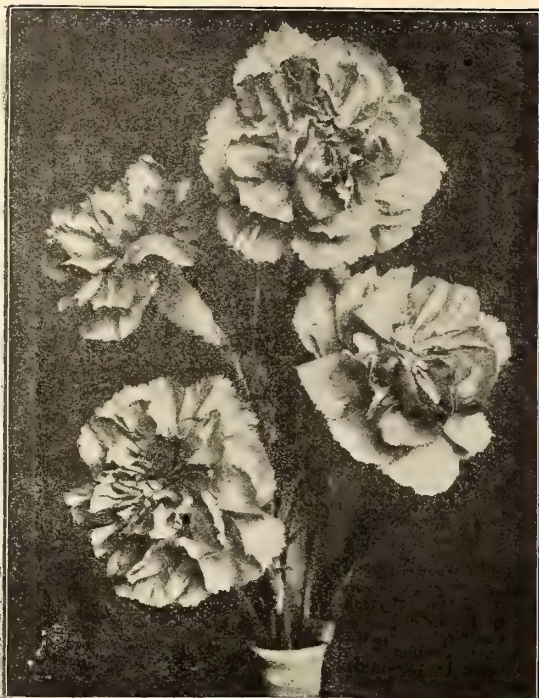
362. This is a mixture of all the best varieties of Asters suitable for cut flowers, consisting principally of white, pink and the brightest of red, with a small proportion of blue and purple and some intermediate shades. This mixture, being made by ourselves, we know contains only the most salable colors 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.

GIANT VICTORIA, OR WASHINGTON

A magnificent variety of compact habit; flowers measure 5 inches across, of splendid substance, fine form, and bloom profusely during August and September.

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| | PER PKT. |
| 367. Snow White | \$0 10 |
| 368. Peach Blossom Pink | 10 |
| 369. Dark Violet | 10 |
| 370. Azure Blue | 10 |
| 371. Bright Crimson | 10 |
| 372. Choice Mixed | 10 |
| 330. White Ladie. Very popular, with long, graceful, tubular petals; splendid for cutting | 10 |



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.

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, dwarfier 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 an 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.



OSTRICH FEATHER CELOSIA.

CENTAUREA

(*Dusty Miller*)

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

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

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

CENTAUREA

Blue Bottle or Corn Flower

687. **C. Imperialis.** Grand improvement over the old *Sweet Sultan*, long-stemmed blossoms 3 to 4 inches across, of graceful, airy effect, and deliciously fragrant. Colors: white, pink, red, blue, lilac and purple; fine for cutting. Pkt., 10c.

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.

705. **C. "Golden Wheel."** 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.

706. **C. "Evening Star."** These pure golden yellow flowers are often 3 to 4 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.

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.

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., 35c.
 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.

CROTALARIA 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. Atrospanguinea*. 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.

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| | 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.



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.

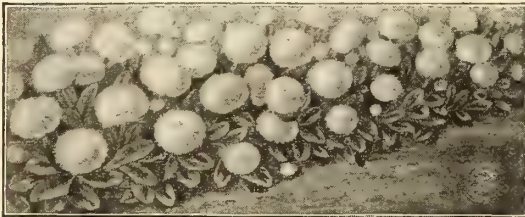
1002. **Cactus Dahlia.** Mixed. These double dahlias have their petals quilled and

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.



DELPHINIUM MIXED HYBRIDS.

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.

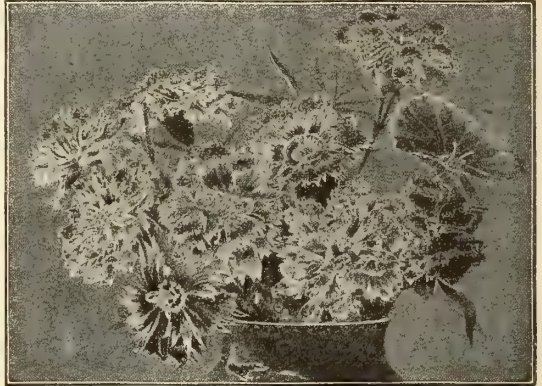
- 1060. **D. Formosum.** Brilliant blue with a white centre. Pkt., 5c.
- 1067. **D. Chinensis.** A distinct and neat variety, growing about 18 inches high, with fine feathery foliage and producing freely spikes of large blossoms varying in color through all the delicate shades of blue. Pkt., 5c.
- 1064. **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 "ROYAL PINK."

"**ROYAL PINK.**" (*Dianthus Heddeurgii Nobilis*)
No. 1095. The flowers are very large and the petals are frilled and fringed. The colors are of a deep yet very bright blood red, then shade to carmine and pink and even white. 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.

"**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.

SINGLE ANNUAL VARIETIES

- 1094. **Dianthus Laciniatus Nanus "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 salmone red or salmone 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 (Etherea)

2260. Delicate pale yellow flowers. Pkt., 5c

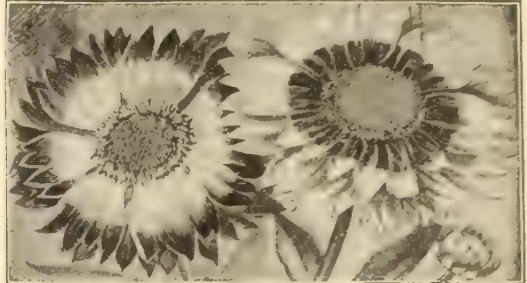
EVERLASTING FLOWERS

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 Humboldtianum (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

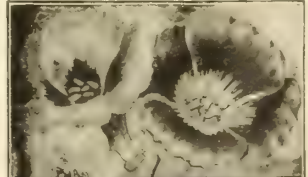
Charming greenhouse plants. Flowers of most exquisite and gorgeous colors, beautifully spotted, mottled and blended. Sow in March.

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.; or, 20c.



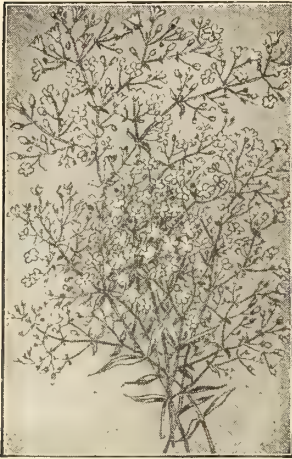
GODETIA.

GOURDS

Mixed Ornamental. A choice assortment Pkt., 10-3 pkts., 25c.
For other varieties of Gourds, see vegetable list, page 80.

GRASSES (ORNAMENTAL)

- 1443. **Colx Lachryma (Job's Tears).** 2 ft. Pkt., 5c.
- 1444. **Erianthus Ravenna.** Very ornamental; 10 ft. Pkt., 5c.
- 1445. **Gynerium Argenteum (Pampas Grass).** 10 ft. Pkt., 5c.



GYPSOPHILA PANICULATA.

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)

HIBISCUS (Marsh Mallow)

1540. **Africanus.** Creamy yellow, with purple centre. Pkt., 5c.
 1541. **Palustris.** Large pink flowers. Pkt., 5c.
 1542. **Californicus.** Large white carmine centre. Pkt., 10c.
 1543. **Sunset.** Very large, yellow, fine. Pkt., 10c.



HELIOTROPE.

	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.

G. H. Burnett, St. Johns, N. B., Canada, March 15, writes: "Your Sweet Peas have always given me the greatest satisfaction. I have bought from other houses, but the results in growth, bloom, variety of color and earliness could not compare with yours."

For Sweet Peas see page 80.

PURPLE FOUNTAIN GRASS

(*Pennisetum Rueppelianum*)

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.

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 Compacta Varieties.** Pkt., 5c.

Erinus, or Trailing Varieties.

Useful for vases or hanging baskets or rockeries.

1844. **Mixed, Trailing Varieties.** Pkt., 5c.



LOBELIA.

LYCHNIS

1900. **Chalcedonia.** 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 of 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 8 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.



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.



MIGNONETTE.

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.

MOONFLOWER (*Ipomoea 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. **Dissitiflora.** 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.

2101. Pure white	PER PKT	\$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.

2108. Obelisk, blue	PER PKT	\$0 10
2109. " pink		10
2110. " white		10

NASTURTIUMS

A marvellous range of new colors has been developed in this favorite flower, which is in constant bloom throughout the season, and if these are kept well picked so that the plant cannot produce seed they will continue to flower until frost. No other annual flower seed will produce such a lavish profusion of bloom for so long a time and with the same small outlay of care and attention.

Thin, poor soil, if possible, disintegrated rock is the best soil, as this produces the maximum of bloom. Soils in which manure has been used heavily causes the plants to produce a heavy growth of leaves at the expense of blossoms. They are also in such soils apt to rot off in wet weather, especially if the plants have been left standing close to one another.

You cannot have too many Nasturtiums. Plant them along fences, hedges or wherever it is desired to have a bunch of bright color.



DWARF OR TOM THUMB NASTURTIUMS

These have a neat compact habit and attractive foliage, are not disturbed by insects, bloom in two months from seed, and most profusely till frost.

	PKT.	PER OZ.
2146. Aurora. Yellow, veined	\$0 05	\$0 10
2121. Beauty. Yellow and scarlet	5	10
2132. Chameleon. Splashed with crimson, bronze and yellow	5	15
2133. Ceruleo-roseum. Bluish rose	5	10
2122. Crimson	5	15
2134. Crystal Palace Gem. Yellow and carmine	5	10
2143. Empress of India. Deep crimson; fine dark foliage	5	15
2123. Golden Cloth. Golden yellow leaves, scarlet flowers	5	15
2135. Golden King. Golden yellow	5	10
2136. King of Tom Thumbs. Scarlet	5	15
2144. King Theodore. Black, velvety	5	10
2145. Lady Bird. Yellow and red	5	15
2130. Prince Henry. Light yellow, marbled scarlet	5	15
2124. Rose	5	10
2125. Ruby King. Dark red	5	15
2126. Spotted	5	10
2142. White or Pearl	5	10
2141. Yellow	5	10
2147. Mixed	5	10
Johnson's Choice Dwarf, Mixed,		
	Per 1/4 lb., 25	per lb., 75

TALL, OR CLIMBING NASTURTIUMS

(*Tropaeolum majus*)

Besides their ordinary garden use for trailing over fences, trellises, stone walls, etc., these can also be grown as pot-plants for winter flowering, as screens, or as trailers for hanging baskets and vases.

	PKT.	PER OZ.
2127. Jupiter. New giant-flowered; beautiful golden yellow	\$0 05	\$0 20
2128. Chameleon. Various	5	15
2129. Dark Crimson	5	10
2160. Edward Otto. Brownish lilac	5	15
2137. Hemisphaericum. Orange	5	10
2161. Heinemanni. Chocolate	5	10
2144. King Theodore. Black	5	10
2154. Orange	5	10
2162. Pearl. Whitish	5	10
2138. Regelianum. Purplish violet	5	10
2139. Moltke. Bluish rose	5	10
2163. Rose	5	10

DWARF NASTURTIUMS.

	PKT.	PER OZ.
2155. Scarlet	\$0 05	\$0 10
2164. Scheuerianum. Spotted	5	10
2165. Schillingi. Yellow, spotted	5	10
2166. Schulzi. Darkest leaved	5	10
2167. Striped	5	10
2168. Yellow	5	10
2169. Vesuvius. Salmon; dark leaved	5	10
2156. Mixed	5	10
Johnson's Choice Tall, Mixed,		
	Per 1/4 lb., 20	per lb., 60

LOBB'S NASTURTIUMS

(*Tropaeolum Lobbianum*, etc.)

TROPEOLUM LOBBIANUM. This class is remarkable for the intensely brilliant colors of its flowers, which are a trifle smaller than those of other sorts. In moderately rich soil they climb high and bloom brilliantly. Average height, 6 feet.

	PKT.	PER OZ.
2170. Ivy-Leaved. A fine new strain with dark green ivy-like leaves and beautiful lacinated deep-scarlet flowers	\$0 05	\$0 35
2148. Asa Gray. Yellowish white	5	15
2172. Fulgens. Dark scarlet	5	15
2173. Marguerite. Pale yellow, flushed blood-red	5	15
2174. Lucifer. Very dark scarlet	5	15
2175. Crown Prince of Prussia. Blood-red	5	15
2159. Giant of Battles. Sulphur and red,	5	15
2176. Primrose. Cream, with brown spots,	5	15
2177. Crystal Palace. Scarlet	5	15
2151. Spitfire. Brilliant scarlet	5	15
2178. Lilli Schmidt. Scarlet	5	15
2179. Lilliput, Mixed	5	15
2152. Finest Mixture	5	15
2157. Madame Gunter Hybrids. A French strain noted for wide range of fine colors	5	20

One of our customers writes of our **NASTURTIUMS**: "Your collection of Nasturtiums is the finest we have ever grown. They bloom profusely from early summer until fall and make our garden gorgeous with bright coloring. The foliage is remarkably beautiful." Above illustration is a photograph taken from a bunch from this particular garden.

PANSIES—The Favorite Flower



NEW GIANT PANSY, "HERO."

SPECIAL OFFER

FIVE GRAND NEW PANSIES, 75c.

NEW GIANT PANSY "HERO"

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, pkt., 20c.

GIANT MME. PERRET

2309. A new French strain of pansies particularly rich in shades of red, but of the largest size and borne erect on long stems. Price, pkt., 20c.

PANSY GIANT "PRETIOSA"

2312. This flower is similar to the new "Masterpiece" Pansy introduced two years ago, and has the same frilled edges, but 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, pkt., 20c.

PANSY GIANT "INDIGO KING"

2310. The brightest blue pansy ever offered. The old variety, "Emperor William," looks a dull color when compared with this grand new sort. Price, pkt., 20c.

PANSY PRINCE HENRY

2311. A new giant variety of vigorous habit, the flowers often attaining 3 1/2 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, pkt., 20c.

GIANT NOVELTY PANSY COLLECTION

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

JOHNSON'S KINGLY COLLECTION OF PRIZE-WINNER PANSIES

2299. This superb strain cannot be surpassed for size, texture, shape, markings or richness of coloring of the flowers. It embraces all of the solid or self-colored varieties, the 5-spotted on backgrounds of every color, the white-edged or bordered flowers of various colors, each with a distinct rim around each petal, also the light marbled varieties. Some have flowers with clear distinct eyes. Others are striped flowers of great beauty. Others still are veined, blotched and mottled in endless markings and colors. No pains are spared in making this strain absolutely perfect in form, firmness of texture, size and freedom of bloom, and it can be purchased with every confidence that it will produce the very finest results obtainable from this popular flower. Price, pkt., 25c.; 1/4 oz., \$1.00; oz., \$5.00.

WHAT IS SAID OF THE ABOVE COLLECTION

G. Fleischer, Pueblo, Colorado writes us as follows:

"I know you have the finest Pansies, because I had them before, and beat everyone in Colorado with your strain."

2281. **Bugnot's Large Stained.** This is a celebrated French strain in which each petal is blotched, either 3 or 5-spotted, with the color radiating on the margin of the petals. Price, pkt., 20c.; 1/4 oz., 75c.

2294. **Cassier's Five Blotched.** These are round flowers of great substance and size; all either 3 or 5-spotted, and are very striking and beautiful. Price, pkt., 20c.; 1/4 oz., 75c.

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, pkt., 15c.; 2 pkts., 25c.

2279. **Odier Blotched.** Rich colors. Pkt., 10c.

2276. English Show Mixture	Pkt., 10c.		
2308. Azure blue, very fine			\$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
2301. Fine German, mixed			5

HOW TO GROW THIS POPULAR FLOWER

For very early outdoor bedding, Pansy seed should be sown in the fall, in a cold frame, or in rich, moist garden beds, from which the plants can be transferred to a cold frame, setting them 2 or 3 inches apart each way, before severe winter weather begins. In spring three-fourths of them can be lifted out for bedding and the rest left to bloom in the frame. For winter bloom in a frame, set the plants about twice as far apart, and thin out half of them in spring. Cover the blooming plants with sashes, adding a covering of matting or straw in very cold weather. In mild weather remove the mats and tilt the sashes to admit light, heat and fresh air. Spring sowings should be made early, so as to secure good flowers during the early rains. Seed sown in a cool, moist place in June and July, and well tended, will give good flowering plants for fall. Through summer heat the flowers are finer in a somewhat shaded place, but in almost any situation good Pansy seed will give fine flowers in spring and fall. Early fall sowings, made in a cold frame, with a southern exposure, give the finest flowers.

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, requiring only 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.** $\frac{1}{4}$ 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, 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 illustration above.) 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, 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.

NEW STAR PETUNIAS

2344. These beautiful Petunias have large, intensely colored flowers from the centre of each of which start the points of a five-rayed star, which broadens half way up, narrowing to a point at the margin of the flower. The star is a light bluish pink, deepening in color as it reaches the margin, finally blending into the dark, crimson-maroon ground color of the flower. Very prolific bloomers, excellent for bedding. Price, pkt., 10c.; 3 pkts., 25c.



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; $1\frac{1}{2}$ 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 deepshining blackspot 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 $2\frac{1}{2}$ 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 lacinated 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. **Paony-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. **Johnson's Choicest Prize Mixed.**

Our Prize Primula seed is grown by a renowned English specialist, who has received the highest awards at the leading Continental shows. The florets are unsurpassed in size and wide range of brilliant and distinctive colors. 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.



JOHNSON'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.

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.

TROPÆOLUM 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

2808. **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.
 2737. **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. **Firefly.** 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. **Boreaton.** 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.

JOHNSON'S RAINBOW 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., 20c.; lb., 50c.

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. **Boreaton 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
2668. Pink		10
2663. Blue		10
2665. Mixed		10
2666. Dwarf Wall-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.

STOKESIA CYANEA

(*The Cornflower or Stokes' Aster*)

2655. This native hardy 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.

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.

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** (*Cucernifolius*). Dwarf branching habit, flowers orange with black centre. Oz., 25c.; pkt., 5c

DOUBLE VARIETIES



SWEET WILLIAM.

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.



SUNFLOWER.

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. **Auratitica.** Orange, dark eye. Pkt., 5c.

2762. **Bakeri** Pure white. Pkt., 5c.

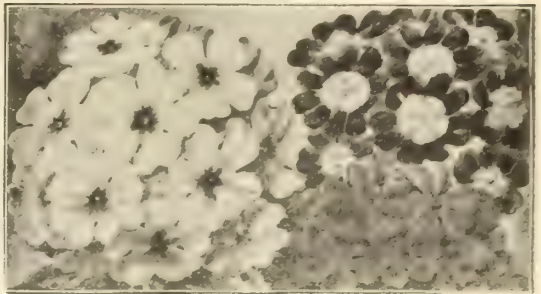
2763. **Fine, Mixed.** Choice shades. Pkt., 5c.; oz., 40c.

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 VERBENA.

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 (*Cherianthus Cheri*)

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.

2938. **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

SUPERB VARIETIES

The Pæony continues to grow in popular favor. The varieties offered herewith have been selected by an eminent specialist with a view of meeting the demands of a critical florists' trade; hence the varieties quoted are those which produce long stems, magnificent flowers, and the most desirable sorts for cutting. Price of any of the following desirable sorts: 20c. each (25c. each, postpaid); \$2.00 per doz.; \$15.00 per 100.

- Alba Plena.** White, very popular.
- Agida.** Rich, glowing dark red.
- Caroline Allain.** Blush white.
- Fragrans.** Deep pink, with light center.
- Humei.** Large pink; with blush center; fine.
- Madame Calot.** Pure white, tinted rose.
- Ne Plus Ultra.** Brilliant rose, edged white.
- Prince Prosper d'Aramberg.** Flesh pink, extra large flower.
- Pulcherrima.** Rose violet center, rose and salmon.
- Rosea Elegans.** Rosy purple with lighter center.
- Reevesii.** Soft pink, red blotch on center petals.
- Rubra Triumphans.** Rich glowing crimson.
- Queen Victoria.** White, red blotch on center petals.
- Duke of Wellington.** Soft white, creamy white center.
- Festiva Alba.** Pure white, very fine.
- FESTIVA MAXIMA.** White, center petals flaked red; magnificent flower; the most popular of pæonies. Each, 35c.; \$3.50 per dozen.



DOUBLE CHINESE PÆONIES.

DOUBLE CHINESE PÆONIES

	Each	Doz.	100
Pink Shades	\$0 20	\$1 50	\$8 00
Red "	20	1 50	8 00
White	25	2 00	10 00
Mixed—All colors	20	1 25	7 00



LILIUM AURATUM (The Golden-Banded Lily of Japan). 9 to 11 inches. 20c. each, postpaid; per doz., \$1.75 (by mail, \$2.00); per 100, \$8.00.

PÆONY OFFICINALIS

The "old-fashioned Pæony," flowering about two weeks earlier than the *Chinensis* variety, with large, fragrant double flowers, the "Rubra" or crimson being the most popular of this species for cutting.

	Each	Doz.	100
Rubra. Brilliant glowing crimson	\$0 20	\$1 00	\$7 00
Rosea. Bright rosy-pink	25	1 50	12 00
Alba. Blush-white	25	2 00	15 00

GLOXINIAS—Giant Flowering

From a Ghent specialist, whose stock is absolutely the largest flowering and the finest quality obtainable.

Selected Bulbs (1 1/4-1 1/2 inches in diameter).

	Each	Doz.	100
Blue	\$0 05	\$0 60	\$4 00
White	5	60	4 00
Spotted	5	60	4 00
Crimson	5	60	4 00
Violet, white border	5	60	4 00
Red " "	5	60	4 00
Mixed	5	50	3 50

Extra Large Bulbs (1 1/2-2 inches in diameter)

	Each	Doz.	100
Blue	\$0 08	\$0 75	\$5 00
White	8	75	5 00
Spotted	8	75	5 00
Crimson	8	75	5 00
Violet, white border	8	75	5 00
Red " "	8	75	5 00
Mixed	8	60	4 50

JAPANESE LILIES

LILIUM AURATUM

(The Golden-Banded Lily of Japan)

This queen of lilies has immense blooms, measuring nearly a foot across. The large, white petals are thickly spotted with rich chocolate crimson, and have a bright golden-yellow band through the center of each.

	Each	Doz.
8 to 9 inches { Add 25c. per doz. if to be	\$0 12	\$0 80
9 to 11 inches { sent by mail.	20	1 75

LILIUM (Lancifolium)

SPECIOSUM RUBRUM

Add 25c. per doz. if wanted by mail

7 to 9 inches	12	1 25
9 to 11 inches	20	1 60

LILIUM (Lancifolium)

SPECIOSUM ALBUM

Add 25c. per doz. if wanted by mail

8 to 9 inches	12	1 25
9 to 11 inches	20	2 00

LILIUM (Lancifolium)

SPECIOSUM MELPOMENE

Rich crimson, heavily spotted, fine

Add 25c. per doz. if wanted by mail

8 to 9 inches	12	1 25
9 to 11 inches	20	1 50

SUMMER FLOWERING BULBS AND PLANTS



TUBEROUS-ROOTED BEGONIAS.

TUBEROUS BEGONIAS

The tuberous-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.

FLOWERING BEGONIAS (*Tuberous-Rooted*)

	Each.	Doz.	100
Single: White, scarlet, crimson, rose and yellow	\$0 05	\$0 40	\$2 75
“ Choice Mixed	5	35	2 50
Double: White, scarlet, crimson, rose and yellow	8	75	5 00
“ Choice Mixed	8	60	4 50

GIANT-FLOWERED DAHLIAS

The list of Dahlias herein offered has been selected by a specialist from a very large collection and comprises the choicest fancy, cactus and show varieties for commercial and private purposes. Price of any of the following varieties, 15c. each; \$1.50 per dozen.

A. D. Livoni. (Show.) Pure, soft pink with quilled petals and full to the centre; an early and profuse bloomer.

Countess of Lonsdale. The most profuse bloomer among the cactus varieties, and one of the very best. The flowers are large to very large.

Keyne's White. A finely formed pure white Cactus Dahlia; considered one of the very best.

Mad. Moreau. A very large variety, produced on long stems; specially valuable for exhibition and fine cut flowers. Deep rosy pink.

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.

Purity. (Show.) A beautiful pure white, of large size; fine form and finish. One of the best.

Admiral Dewey. (Decorative.) Brilliant imperial purple, of fine form. The best of its class.

Baron Schroeder. (Decorative.) Beautiful bright purple, shaded blue.

Client. (Show.) Large deep velvety crimson, very fine.

Eureka. (Decorative.) Beautiful deep rose, one of the finest of its class. Flowers are very large, of fine form, and one of the most valuable for cut flowers.

Oban. (Decorative.) Very large flowers of beautiful and distinct form and color, being a rosy lavender, overlaid with delicate silvery fawn; of vigorous habit, early and a continuous bloomer.

Pink Dandy. (Show.) A magnificent pink variety, of beautiful form, very large, perfect flowers, borne on long stems, of vigorous branching habit and blooming until frost.

Perle d'Or. (Decorative.) The grandest white decorative dahlia to date. Flowers measure 5 to 6 inches across; of strong branching habit, extremely early and a profuse bloomer.

DAHLIAS—CONTINUED

Nymphaea. (Decorative.) One of the most beautiful dahlias ever introduced; flowers resemble a large pink water lily and are extensively grown for cutting; color, delicate showy pink.

Primrose Dame. (Cactus.) An early and extremely profuse bloomer; beautiful, finely pointed yellow flowers.

Frank Smith. (Fancy.) Rich dark purplish maroon, tipped pinkish white; a superb flower.

Frank L. Bassett. (Decorative.) Bright royal purple shading to blue; of dwarf branching habit, early, and a profuse bloomer; one of the best decorative dahlias yet produced.

Henry Patrick. (Show.) A superb pure white variety of large size, and borne on long stems; fine for cutting.

Cycle. (Cactus.) Bright rosy crimson, an early and profuse bloomer.

Lucy Fawcett. (Fancy.) Sulphur-yellow, striped and spotted carmine-rose.

Judah. (Fancy.) Straw-color, shading to old gold, spotted and pencilled deep crimson.

Standard Bearer. (Cactus.) Rich fiery scarlet, free bloomer.

Price of any of the above varieties, 15 cts. each,

\$1.50 per doz., postpaid.

One each of the 24 varieties, \$2.75, postpaid.

HARDY PERENNIAL PLANTS

No plants are so useful or give so much pleasure as do Hardy Perennials. They adapt themselves to any situation, produce a wide range of colors and bloom continuously throughout the summer, until frost.

ASTER (Michaelmas Daisies.) Handsome plants, producing a wealth of bloom from August to September. Colors, blue, pink and white. Height, 3 feet.

CAMPANULA (Canterbury Bells.) The bellflower, one of the most important of hardy plants; our collection is unsurpassed.

CHRYSANTHEMUM (Hardy.) From an extensive collection, and comprises nearly every shade of color; blooms in July and August.

COREOPSIS LANCEOLATA GRANDIFLORA (Harvest Moon.) A strikingly beautiful yellow flower, one of the most popular perennials in cultivation. Flowers are borne on long, graceful stems. Blooms from July until October.

DELPHINIUM (Larkspur.) For gorgeous coloring and stateliness of habit, the Larkspur is unsurpassed. Blooms in June and until frost. Blue and white shades.

DIANTHUS BARBATUS (Sweet William.) In many beautiful colors. Blooms in May and June.

DICENTRA SPECTABILIS (Bleeding Heart.) Flowers heart-shaped, in long drooping racemes, of a rose-crimson color; one of the prettiest of border plants, and useful for forcing. June.

DIGITALIS (Foxglove.) Flowers produced on long spikes; very beautiful and attractive, and admirably adapted to shady situations. July to August.

GAILLARDIA GRANDIFLORA. The brilliancy of this Gaillardia is unsurpassed. Invaluable as a cut flower on account of retaining its beauty so long a time after cutting. June to November.

HELIANTHUS (Hardy Sunflower.) Of the easiest culture, and admirably adapted for the flower border, or to be planted among shrubbery. Single and double yellow. August to September.

HOLLYHOCK (Althæa.) An old favorite, of stately habit and a wide range of beautiful colors. Splendid for background, or planted among shrubbery.

PAPAYER (Oriental Poppy.) Large, brilliant flowers, borne on long stems. Very effective when planted in clumps. Invaluable for cut flowers. July to August.

PHLOX (Hardy.) There is no class of plants more desirable than the perennial Phloxes. They produce every imaginable shade of color, and adapt themselves to every situation; very effective and of the easiest culture. Our collection of named sorts is unsurpassed. June to October.

PINKS (Hardy.) A very interesting and useful class of plants, blooming in the spring. Fine for cutting.

PYRETHRUM (Feverfew.) Pretty white, pink and red daisy-like flowers. Very showy and useful as a cut flower. May to June.

RUBECKIA LACINIATA (Golden Glow.) A magnificent and stately border plant; produces masses of double golden yellow dahlia-like flowers. July to September.

STOKESIA CYANEA (Cornflower Aster.) The Cornflower Aster merits the extensive attention that it is receiving. It is of the easiest culture, and very useful for planting in masses or beds. Invaluable as a cut flower. June to October.

Price of any of the above Hardy Perennials, 15c. each,

\$1.50 per dozen, by mail, postpaid.

JOHNSON'S HIGH GRADE ROSES

LEAFLET ESSAY, "Hints on Rose Culture," included free with each order if you ask for it.
NOTICE.—We send all 1-year roses postpaid; 2-year plants by express at purchaser's expense.

"THE IDEAL" SET OF HARDY EVER-BLOOMERS

Hermosa. Everybody knows the beauty and constancy of this old favorite. Clear bright Pink; very double and fragrant and quite hardy. No list complete without Hermosa.

Marie Guillot. Large, full flowers, pure snowy white in color. Admirably adapted to outdoor culture. Always in bloom and always satisfactory.

Marie Van Houtte. Fine for open ground. Beautiful straw-yellow. Very double; unusually fragrant; an abundant bloomer.

Maman Cochet. Pink tea rose with enormous flowers of great depth and substance. Never fails to grow and bloom profusely with only ordinary care. A beautiful rich coral Pink.

Kaiserin Augusta Victoria. Pure ivory-white flowers, of enchanting fragrance and beauty. Stems long and stiff; growth strong; every flower a beauty.

Queen's Scarlet. Very hardy scarlet rose of a rich velvety crimson. Handsome-shaped buds and flowers. Most valuable for garden culture; a bed once established is a mass of bright scarlet the entire blooming season.



MARIE VAN HOUTTE ROSE.

Prices of above } 1 year, 15c. each; any 6 for 60c.; set of 12 for \$1.00.
"Ideal" Roses: } 2 " 30c. " " 6 " \$1.50 " " 12 " 2.50.

FIVE COLLECTIONS ARRANGED WITH CARE TO SUIT YOUR GARDEN

PRICES AT END OF LIST

COLLECTION "A"

THE LA FRANCE QUARTET

The **La France** type of roses are nearer to perfection than any other class and should have a place in every garden. They are without a rival for their rich fragrance and handsome buds and great satiny flowers. We offer White, Red, Striped and the true Pink La France.

COLLECTION "B"

THE COCHETS

All good growers, splendid bloomers and fine bedding sorts. Every plant is a gem and in great demand. Queens among roses; flowers are enormous, full and deliciously sweet. Pink Maman Cochet, Yellow Cochet, White Cochet, Red Cochet (*Helen Gould*).

COLLECTION "C"

THE SOUPERT SET

The **Souperets** are world-famous. Noted for their beautiful camellia form and good bedding qualities. Bloom early and continue loaded with lovely buds and flowers all summer and fall. Yellow, Pink, White and the new Climbing Clotilde Soupert.

COLLECTION "D"

THE HERMOSA ROSES—ALWAYS IN BLOOM

The **Hermosas** are the old-fashioned, hardy, bedding roses our grandmothers loved. Exquisitely formed and daintily scented. We have them, Purest White, satiny Pink, velvety Scarlet, or rich Canary Yellow.

PRICES of above Collections, A, B, C, D, E, single plants, 1-year, 15c. each; each set for 50c., postpaid; the 5 sets for \$2.25, postpaid.

NOTE.—We offer any 2-year rose on this page (except the Baby Rambler) for 30c.; 2-year roses (our selection) 6 for \$1.25, or 12 for \$2.00. Or we can make selection of other GOOD STANDARD ROSES which we carry, but have not space to list, at the same rates. LET US PLAN YOUR ROSE BED.

Bessie Brown. Superb new white rose. Exquisite long buds, of warm, soft flesh pink tint, that glisten like mother-of-pearl. Constant, profuse bloomer and delightfully perfumed. Hardy and vigorous.

Helen Gould (*Red Cochet*). One of the best roses ever introduced. Intense carmine crimson with deeper shades in the depth of the petals, much like American Beauty. Wonderfully prolific and entirely hardy.

Etoile de Lyon. Well-known golden yellow, of great vigor and sweetness. The best *Pure Yellow* Rose for garden planting yet introduced. Makes beautiful buds; is very double and fragrant.

Papa Gontier. Noted for its perfect bud and long stem. Carmine crimson. Fine for cut flowers. Sometimes called "The Ever-blooming Jack."

Mad. Franceska Kruger. Splendid for general culture. Its striking color and free growth giving it popularity wherever grown. Beautiful coppery yellow, with large flowers. Unlike any other rose in our list.

La France. Too well known to need more than a mention. Great satiny pink flowers.

COLLECTION "E"

FOUR FAMOUS RAMBLERS

Yellow Rambler. The only yellow hardy Climbing Rose. The bloom is frequently borne in clusters of from 120 to 150 flowers; the color is a clear, decided yellow, changing in two or three weeks to a beautiful cream-color.

Pink Rambler. Like the above in great vigor, hardiness and lavish bloom but with flowers of rich, rosy pink.

White Rambler. Exquisite pure white double flowers in large clusters. Has all the grand traits of the other Ramblers.

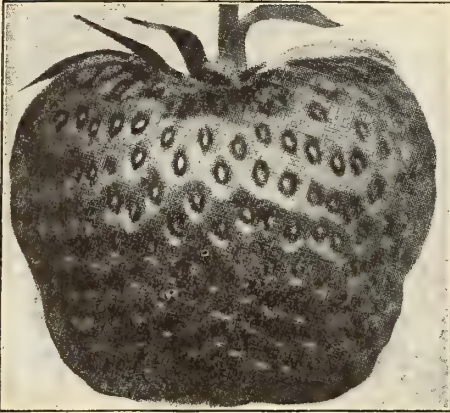
Crimson Rambler. Incomparably the finest in effect of all Climbers. The great trusses of small, glowing crimson flowers appear in June, and remain brilliant for weeks. Shoots from 8 to 10 feet high spring up in one season. As hardy as an oak.

BABY RAMBLER

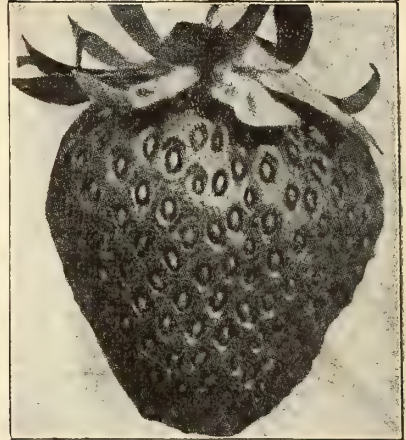
Yes, we have it, and it will create a sensation among lovers of new roses the coming season. It will bloom on the cutting bench if allowed. An absolutely hardy, ever-blooming cluster rose, much like the well-known Crimson Rambler, but of dwarf growth. Will bloom all the season, outdoors and indoors as well. Nice mailing size plants, 25c.; 3 for 50c.; 7 for \$1.00. Everybody will want it, and our plants are fine. Will be in great demand—don't delay in ordering. 2-year size, 50c. each.



ALL KINDS OF BERRIES



OOM PAUL—BIGGEST OF ALL.



AUTO STRAWBERRY.

Straw-
berries
Four
New
Varieties
Each a
Beauty

OOM PAUL strawberry is a wonder. Stupendous in size and delicious in flavor. Good shape, elegant color and fine shipper. A very rank grower and a perfect bloomer. A strong point in its favor is that the last picking never runs small. The berries are giants; six have been known to fill a quart box. Single plants yield a full quart. Very prolific; one hundred and forty quarts were picked from two hundred and eighty plants at one single picking. Price, postpaid, 40c. per dozen. By express, 30c. per dozen; \$1.15 per 100; \$6.50 per 1,000.

CAMERON EARLY. The very earliest strawberry. In bloom as soon as cold weather is over, and fruit ripens the earliest of any berry we have ever known. Berries large, good keepers and of unusually fine flavor. Price, postpaid, 50c. per dozen. By express, 35c. per dozen; \$1.50 per 100; \$10.00 per 1,000.

BLACKBERRIES

ELDORADO. Very hardy; no core. Sweet, with the flavor of the wild berry. Prolific, good size. Postpaid, 10c. each; 85c. per doz. By express, 75c. per dozen; \$3.50 per 100.

ERIE. Hardy; productive; large and of good quality. Postpaid, 10c. each; 75c. per dozen. By express, 60c. per dozen; \$3.00 per 100.

KITATINNY. Old popular sort. Very large, medium to late. Not hardy north of New York. Postpaid, 10c. each; 65c. per doz. By express, 50c. per doz.; \$3.00 per 100.

LUCRETIA. The old standard dewberry. Fruit large and handsome; shining jet black. Postpaid, 10c. each; 65c. per dozen. By express, 50c. per dozen; \$3.00 per 100.

CURRANTS

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. Vigorous and productive. Postpaid, \$1.15 per doz. By express, \$1.00 per doz.; \$4.00 per 100.

FAY'S PROLIFIC. Large, bright red, good quality, standard variety. Postpaid, \$1.15 per dozen. By express, \$1.00 per dozen; \$4.00 per 100.

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, 20c. each; \$1.50 per dozen. By express, \$1.35 per dozen; \$8.00 per 100.

RASPBERRIES

Red Varieties

MILLER. Large bright red berry, holding size until end of season; does not fade; small core; very firm.

CUTHBERT. The old standard and hard to beat; very productive; a rich red, firm and good quality. Prices of Miller and Cuthbert, postpaid, 50c. per dozen. By express, 45c. per dozen; \$1.75 per 100; \$12.00 per 1,000.

Black Cap Varieties

CUMBERLAND. The business Black Cap. Fruit very large, wonderfully productive and absolutely hardy. A fine shipper and earlier than Gregg. 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. Strong, vigorous grower; on good soil and with proper care, produces profusely large berries, which are firm, meaty, and of fine flavor. Price, postpaid, 10c. each; 50c. per dozen. By express, 45c. per dozen; \$1.75 per 100; \$12.00 per 1,000.

AUTO. A new perfect flowering Delaware berry, of large size and extra fine quality. Enormously prolific, producing last season over 8,000 quarts per acre. Of unusual vigor and carries its fruit well up from the ground. Has flourished and borne a fine crop under adverse weather conditions when other sorts were short. Flavor delicious; pointed in shape (see illustration). Price, postpaid, 50c. per dozen. By express, 35c. per dozen; \$1.50 per 100; \$10.00 per 1,000.

NEW HOME. As late and large as Gandy; fruit a bright red color. Uniformly large size; a good keeper and shipper. Vigorous grower, and will produce a large crop on either high or low ground. This berry is a good seller, and holds its brilliant red color long after being picked. Price, postpaid, 50c. per dozen. By express, 35c. per dozen; \$1.50 per 100; \$10.00 per 1,000.

SEVEN STANDARD STRAWBERRIES

THE MAXIMUS. One of the largest and most beautiful of all Strawberries. Perfect bloomer; 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, very tender; of mild flavor. Late.

GLEN MARY. Perfect flowering. Vigorous, of Brandywine type. Enormously productive of large, deep red berries. Flesh very firm. Red clear to the center; sweet, rich and high-flavored; a decidedly good berry in point of plant, yield, form, color, firmness and good quality. Medium season.

SHARPLESS. Old favorite. Perfect flowering variety. The plant is exceedingly large, vigorous, free from rust. Fruit moderately firm; good. Midseason.

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. Perfect blooming.

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, rich, juicy and luscious, and wonderfully productive. Perfect flowering.

"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 glossy. Quality superb; delightful aroma, suggestive of both strawberries and peaches. Perfect flowering.

BUBACH, No. 5. (Midseason.) A prominent grower says: "If all varieties were culled out but ten, I would place Bubach, No. 5, at the head of the list, on account of its large, bright berries, immense yield and fine flavor." Pistillate.

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.

POTTED STRAWBERRY PLANTS

READY IN AUGUST

WRITE FOR PRICES

FRUIT TREES, GRAPES AND HEDGE PLANTS

NOTICE.—Our trees are sent forward from our nurseries at planting time, by express, at purchaser's expense

APPLE TREES, by express only

SUMMER APPLES

Starr. Large, pale green fruit. Fruits young. Good for eating or cooking.

Early Harvest. Pale yellow; fine eating.

Sweet Bough. Large, pale yellow; tender, sweet.

Yellow Transparent. Skin clear white, changing to pure yellow when fully ripe. Tender, juicy, early.

Wealthy. Medium size; red, with white streaks; quality good; tree good grower; hardy; early bearer.

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.



GRAVENSTEIN APPLE.

CHERRY TREES, by express only

- Black Tartarian.** Large, black, sweet and early.
- Ox-heart.** Large, light, with red cheek; solid, meaty.
- Napoleon Bigarreau.** Very large, pale yellow, with bright red cheek. Firm, juicy, good flavor.
- Early Richmond.** Red cherry. Fine for pies.
- Montmorency.** Large, bright red, late. Larger than Early Richmond.

	Each.	Doz.	100
3 to 4 feet	40c.	\$4.50	\$35.00
4 to 6 "	50c.	5.00	45.00

PLUM TREES, by express only

- 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. Fine.
- Willard.** Earliest plum on the list. Medium size; round, dark red, splashed yellow.

	Each.	Doz.	100
3 to 4 feet	40c.	\$4.50	\$35.00
4 to 6 "	50c.	5.00	45.00

PEAR TREES, by express only

- 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.
- Seckel.** Small yellowish russet; rich, melting, juicy.
- The Koonce.** Very early and fine quality. Yellow, with red cheek; spicy, juicy and sweet; free from blight.
- LeConte.** Bell-shaped; pale yellow; good to plant with Keiffer.
- Bartlett.** Well-known old favorite.
- Keiffer.** The money-bringer. Very prolific; fine-looking; sells freely. Ripens in October.

	Each.	Doz.	100
Price of above pears:	40c.	\$4.00	\$30.00
2-year, 4 to 6 feet	40c.		
Extra 3-year	50c.	4.50	40.00

CALIFORNIA PRIVET

Remove the unsightly fence and increase the value of your property by planting a California Privet hedge. Does well in all situations and under all conditions.

A vigorous grower, with leaves of a good, rich shade of green; it is almost an evergreen, the new leaves putting forth as the old ones fall.

Privet can be pruned at any time, and the more this is done, the better it will look and the thicker it will grow. Insects never attack it, and it does not grow dull, but holds its beautiful green foliage throughout the season.

We have a fine lot of good, strong, well-rooted, well-branched plants to offer. They should not be compared to the tall spindling things often offered.

	Per 100	Per 1000
Prices: 18 to 24 inches	\$3.25	\$28.00
2 to 3 feet	3.75	30.00

SPRAY YOUR TREES!!
 FOR SAN JOSE SCALE USE "TARGET BRAND SCALE DESTROYER." A SURE THING. See page 90.

GRAPES

McPike. Very superior black grape. Perfectly hardy. Earlier than Concord. Bunches large; berries mammoth. Good keeper.

Moore's Early. Very early, large black grape; skin thin, flesh sweet.

Concord. The standard black grape. Berries large, skin thin. Tender, juicy, sweet.

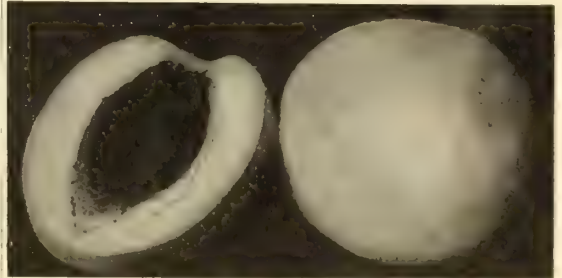
Niagara. The favorite white grape. Very prolific.

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.

	Each.	Doz.	100
1 year old	20c.	\$2.00	\$6.00
2 years "	25c.	2.50	7.00

PEACH TREES, by express only



TRIUMPH PEACH.

Sneed. Grand early sort. Large; rosy-red on sunny side; flesh white, sweet and juicy; good shipper.

Triumph. The earliest yellow freestone yet introduced. Large size and small pit.

Crosby. Free dwarf. Fruit yellow, streaked crimson, with very small pit.

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.

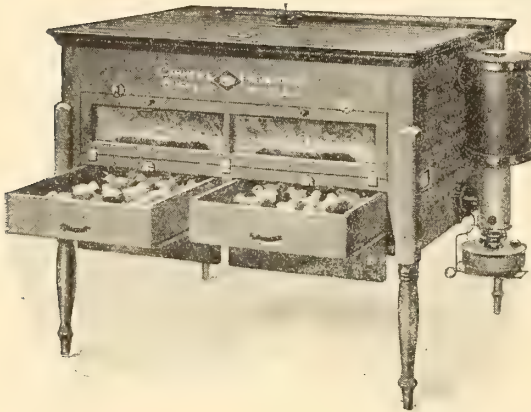
	Each.	Doz.	100
3 to 4 feet	20c.	\$1.75	\$10.00
4 to 6 "	25c.	2.50	12.00

A COLLECTION FOR ANY GARDEN
 SELECTED BY AN EXPERT

- We will send:
- 1 Wealthy Apple, 3 Erie Blackberries
 - 1 Montmorency Cherry, 3 Fay's Currants,
 - 1 Crosby Peach, 3 Curhbert Raspberries
 - 1 Bartlett Pear, 3 Downing Gooseberries
 - 1 Abundance Plum, 25 Brandywine Straw berries,
- amounting to \$3.64, for only \$3.00, by express
A Bargain. Do not miss it.
 Ask for our special fruit collection.

We are Agents for The Famous
STANDARD CYPHERS INCUBATORS

1907 PATTERN



1907 Pattern Standard Cyphers

ARTIFICIAL INCUBATION. The many advantages of artificial incubating over the old method,—the hen, have already been demonstrated. The experimental stage has been passed, and the poultry man of to-day has but to choose his machine—the one that will hatch the largest number of strong, vigorous, healthy chicks from a given number of fertile eggs, and with the least amount of expense and labor. The genuine STANDARD CYPHERS INCUBATORS are not an experiment. They have been before the public ten years, *during which time tens of thousands have been sold* and have received the benefit of ten years' improvements. Their fame has grown until they are now acknowledged to be the "World's Standard Hatchers."

**Points of Superiority of "CYPHERS INCUBATOR"
 Over All Other Makes**

**CONVENIENCE,
 SAFETY AND
 SURE HATCHES**

It overcomes practically every defect, every inconvenience, and every objection urged to artificial incubation as performed by machines of other types. It is more convenient to operate; it consumes less oil; it is safer; it hatches a larger percentage of the eggs entrusted to it, and it produces larger, stronger, healthier and more vigorous chicks and ducklings than any incubator ever built. *See our guarantee on opposite Page.*

SELF-REGULATION

The improved regulator or thermostat used in the latest pattern Standard Cyphers is built on original lines, and no other style of regulator has been devised that is its equal in durability, exactness or reliability. *You will not have to sit up nights watching the "Cyphers."*

NON-MOISTURE

The Standard Cyphers is a hot-air incubator, and therefore does not possess a tin, galvanized-iron or copper tank to rust out, spring a leak and water soak the machine, thereby injuring or ruining the woodwork.

SELF-VENTILATION

All sizes of the latest-pattern Standard Cyphers Incubators are equipped with a "drop-bottom" for supplying ventilation when the incubator is operated during the warm months of May, June, July and August. This new and valuable feature enables the operator to meet all conditions of weather.

**CONVENIENCE IN
 HANDLING CHICKS**

The No. 2 and No. 3 latest-pattern Standard Cyphers Incubators are furnished with nursery drawers, so constructed and arranged as to be of great convenience in removing the chicks and ducklings from our large-size incubators as often as it may be deemed advisable without interfering in any way with the remainder of the hatch.

**PRACTICALLY
 SELF-RUNNING**

Cyphers Company Incubators are the only machines manufactured that lawfully can be equipped with our patented removable diaphragms, by use of which the "diffusive" system of ventilation is employed, overcoming the necessity of supplying additional moisture by use of shallow pans, wet sponges or moist cloths. This achievement has rendered Cyphers Incubators so simple and easy to operate, and so certain in results that they have met with universal appreciation by experienced operators, while beginners succeed with them from the first trial, because the machine itself solves the "moisture problem" for them; in other words, we place in their hands a practically automatic hatcher, leaving nothing to chance or inexperience.

**PERFECTION
 REACHED**

MRS. SARAH J. TEETER, R. F. D., No. 2, Dover, Del., writes December 22, 1906, of Cyphers Incubator:—"Incubator came duly to hand—it is a beauty and is as near perfection as could be wished for."

SEE PRICE LIST AND GUARANTEE ON OPPOSITE PAGE

THE CYPHERS WARRANT

THE BEST POSSIBLE TEST OF AN INCUBATOR IS THE WORK IT ACTUALLY DOES IN THE HANDS OF THE AVERAGE OPERATOR. The latest-pattern STANDARD CYPHERS INCUBATOR represents the highest degree of excellence yet achieved in incubators, both in principle and mechanical construction. They are warranted as follows:

- FIRST.—To require no supplied moisture under normal conditions, thus solving and disposing of the troublesome "moisture question."
- SECOND.—To be self-ventilating, the air in the egg chamber remaining pure at all times by its own gentle but positive action.
- THIRD.—To be self-regulating, to a fraction of a degree, being equipped with the most sensitive and durable regulator thus far invented.
- FOURTH.—To be so constructed that the temperature in the egg chamber is more equable than in any other incubator.
- FIFTH.—To be precisely as represented in construction, materials and workmanship, and, with reasonable care, to last ten years without repairs.
- SIXTH.—To be easy to set up and positively automatic in operation, (except as to trimming the wick, filling the lamp and turning the eggs), and to operate with less labor and expense than any other make of incubator.
- SEVENTH.—To bring out a larger average percentage of the fertile eggs and to produce larger, stronger and healthier chicks and ducklings than any other style or make of incubator.
- EIGHTH.—That each and every Standard Cyphers Incubator we send out will do satisfactory work in the hands of the purchaser, provided he will give it a fair trial, or it can be returned to us within ninety days, in good repair, less reasonable wear, and the purchase price will be refunded.

PRICE LIST OF CYPHERS STANDARD 1907 PATTERN INCUBATORS

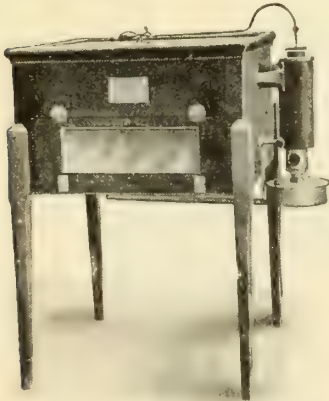
By special arrangement with the manufacturers, we are now in a position to sell Cyphers Incubators, F. O. B. Philadelphia, at exactly factory prices, as follows:

No. 0, 66-egg size	- - - -	\$13.00	No. 2, 240-egg size,	- - - -	\$29.00
No. 1, 140-egg size	- - - -	20.00	No. 3, 390-egg size	- - - -	35.00

CYPHERS NEW LOW-PRICED INCUBATOR

1907 PATTERN

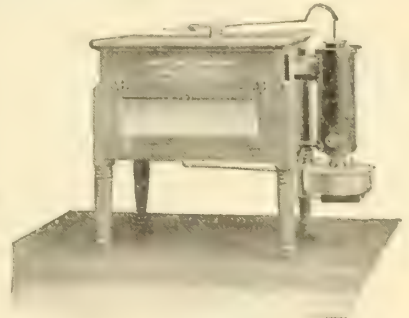
While we unhesitatingly recommend the STANDARD CYPHERS INCUBATOR as the best on the market, and the one that is used by the largest and most experienced poultrymen throughout the country, we realize that there is a demand for lower-priced incubators, and have determined to offer the following two popular priced machines, in order to meet this demand.



These machines are made of first-class materials, on the same general principles as the Standard Cyphers, and will be found to work practically and give very satisfactory hatches. They have been very thoroughly tested by practical poultrymen, and we have no hesitation in recommending them to those who want popular-priced machines.

PRICES AS FOLLOWS:

Boys' Choice, capacity,		
50-eggs	- - -	\$ 7.50
Farm-Economy, capacity,		
110-eggs	- - -	\$12.00



CYPHERS NON-MOISTURE INCUBATORS are now used on more large and successful poultry plants, by more poultry fanciers of national and international reputation, on more Government Experiment Stations, and by more public industrial institutions than all other makes of incubators combined.

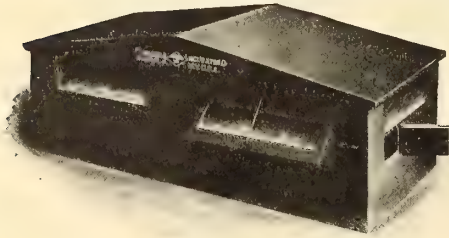
If you are further interested in Incubators or other **Cyphers** machines, send 10 cents to pay cost of mailing 200-page main Incubator and Brooder catalogue, entitled "**How to Make Money with Poultry and Incubators.**" Thirty-two page descriptive circular and price list sent free.

Cyphers Unequaled Apartment Brooders

Fit Companion for the Cyphers Standard Incubators

Don't risk losses of well-hatched chicks in an inferior, wrongly-constructed brooder when you can obtain a certainty of safety in the CYPHERS BROODERS. Having hatched your chicks, DON'T COURT FAILURE by putting them in an unsatisfactory brooder.

CYPHERS STYLE A, THREE APARTMENT, OUTDOOR BROODER AND COLONY HOUSE



Cyphers Style A Brooder. Price \$14.00

The Cyphers Style A Brooder furnishes an outdoor home for little chicks that is as near weather-proof and neglect-proof as can be bought and sold at a popular price. The best proof of their merit is that tens of thousands have been sold during the past nine years, and are giving the best of satisfaction.

Cyphers Brooders are fit companions for the genuine Cyphers Incubators, and, like them, are correct in principle and are durably made of the best materials. They have been improved as experience suggested, until they are the best brooders made. No other Company puts into its brooders the same thickness and quality of lumber, and the same weight and quality of hardware. Their *Simplicity, Certainty in Operation, Economy of Fuel, and Convenience in Use* have won for them the first place in every civilized country on the globe, and under the most trying conditions.

All the 1907-Pattern Cyphers Brooders are of the same high quality. They differ only in shape and price. For less money you simply get less floor space—not poorer quality, either in materials or workmanship.

Each of the four styles of Cyphers Brooders for 1907 is equipped with the Latest-Improved Insulated Brooder Stove; best grade Sun-Hinge Burner; Cyphers time-tested, Double-Dome Heating System; trade-marked Thermometer; Sun-Proof, Water-Tight Roof, and patented Eccentric Fasteners for locking corners.

All Cyphers Company Brooders, 1907-Pattern, are built so that they can be shipped knock-down, and compactly crated, thus insuring much lower freight rates to all points. In setting up these brooders *no tools are required, nor is there a nail to be driven or a screw to be put in place—NOT ONE.* With every brooder we furnish an illustrated circular of directions for setting it up.

MADE IN FOUR STYLES

STYLE A; Outdoor Colony Brooder, size 3 x 6 feet	- - - - -	\$14 00
SELF-REGULATING, Outdoor Colony Brooder, size 3 x 6 feet	- - - - -	17 00
STORM KING, Outdoor Colony Brooder, size 3 x 3 feet (See cut below)	- - - - -	9 00
HYGIENIC, Indoor Brooder, size, 3 feet 6 inches x 2 feet 8 inches	- - - - -	8 00

THE CHAMPION BROODER

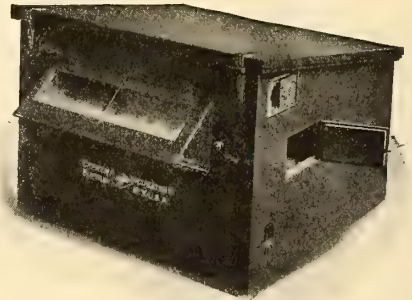
The Champion Brooder is especially constructed for either outdoor or indoor use, thus affording all an opportunity of raising large numbers of chicks, without the great expense attendant upon the building and operation of brooder houses. They operate outdoors winter and summer; the strongest wind cannot blow out the lamp, which is protected from the wind by small wooden hoods over the ends of the radiator. Our lamp is a water jacket one which effectually prevents all danger of explosions.

Price in Philadelphia - - - \$6.00 Price in Gouverneur, N. Y. - - - \$5.50

CYPHERS STORM KING OUTDOOR BROODER AND COLONY ROOSTING COOP

Recognizing the widespread demand for a thoroughly well-made, practical brooder that can be sold at a lower price than our Standard Style A or Self-Regulating Brooders, we have devised and perfected the Storm King Brooder. This brooder is lower in price, simply because there is less of it—i. e., it has less floor space—not because it is cheaper in quality of materials, inferior in workmanship or wrong in principle of construction. The entire floor space of this brooder, together with the lamp and other working parts, may be removed and roosts placed on floor cleats inside brooder, thus making a well-lighted, well-ventilated colony roosting coop.

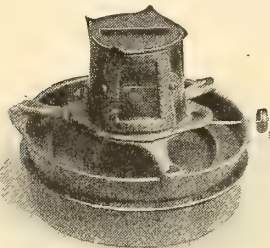
Price, - - - - - \$9.00.



Storm King Brooder. Price \$9.00

CYPHERS SAFETY BROODER STOVE

These stoves positively have no equals. The water jacket holds a quart of water and extends out over the entire surface of the oil bowl, thus placing a sheet of cold water between the oil bowl and the flame jets. By this arrangement all danger of the generation of explosive gases is removed, and we have a brooder stove that can be relied on. The Cyphers Brooder Stove furnishes twice the heat of an ordinary brooder lamp, and cheap lamps, equipped with cheap burners, will gum up, smoke and endanger the chicks. Thousands of the Cyphers Safety Brooder Stoves are sold to persons who build home-made brooders and give satisfaction. HEIGHT, seven and one-half inches; GREATEST WIDTH, ten and one-half inches. Price, - \$1.35.

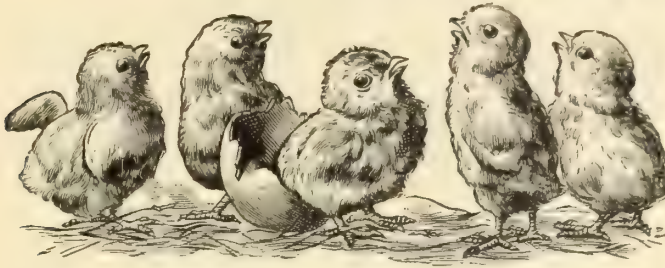


CYPHERS INSULATED BROODER STOVE

(New and Improved Type.)

Supplied with all Cyphers 1907 Brooders. Price, - - - \$1.50.

CHICK FOODS



Having Hatched your Chicks and Sheltered your Chicks, the next problem is

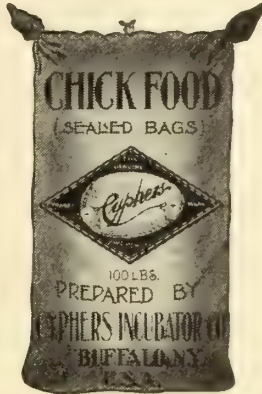
"HOW TO FEED YOUR CHICKS."

We give below a list of Standard Chick Foods all of which are TESTED and have Proven EMINENTLY SATISFACTORY.

CYPHERS CHICK FOOD

This is a complete, scientifically compounded food, containing a mixture of many different seeds and granulated grains, properly proportioned to meet all the requirements of little chicks from the shell to weaning age. No other food will produce as strong, sturdy chicks, or as rapid health growth. Cyphers Chick Food is a dry granular food intended to be fed in the litter. Put up in sealed bags only, bearing manufacturer's trade-mark and guaranteed analysis.

Price, 50 lb. bag, \$1.50.
" 100 lb. bag, \$2.50.



F. P. C. CHICK MANNA

A Health Food for Little Chicks

Chick Manna is a health food for little chicks, and with it you can raise every chick hatched. It promotes Health Quick Growth, and Strong Development. Especially valuable for raising chicks in winter and early spring. Chick Manna should be the first food, and exclusively fed for ten days or more, after which time other food may be given, but should contain a portion of Manna for at least a few days longer. In feeding Chick Manna to chicks that have been fed on other feed, let Chick Manna be only a part of the feed for the first day.

Michael K. Boyer, an unquestioned "authority" says of Chick Manna.—"I have used your Chick Manna with the very best results. The chicks not only like it, but they thrive wonderfully on it, and you can count on me being a steady customer. We use the Manna exclusively for ten days and then gradually change over to other feed, and it gives us lively, strong chicks which fully prepare themselves for the more forcing fattening foods.

PRICE OF CHICK MANNA

1-lb. package, 10c.; by mail, 25c. 48 lbs. to case.

5-lb. package, 40c.; 10 packages to case.

15-lb. package, \$1.10; 5 packages to case.

60-lb. case, bulk, \$4.20.



CYPHERS DEVELOPING FOOD

Cyphers Developing Food is a special food intended for properly maturing young chicks after they are ready to be weaned from Chick Food, and to carry them along to the age when it is desirable to place before them the larger whole grains. When the chicks are from six to eight weeks old they are able to eat, and exhibit a preference for larger particles of grain than are found in our chick food. Full directions for feeding are in every bag. Put up in sealed bags only, bearing manufacturer's trade-mark.

Price, 50 lb. bag, \$1.15. 100 lb. bag, \$2.00.

CYPHERS FORCING FOOD

This is an ideal ground grain mash food mixture especially designed to promote rapid growth. It contains, in addition to the ground grains, a sufficient amount of meat foods and mealed clover, making it ready for immediate use by simply mixing with the required amount of water to make a crumbly mash. It will produce well developed, plump, attractive broilers or roasters in the shortest possible time. Full directions for feeding are in every bag. Put up in sealed bags only, bearing manufacturer's trade-mark and guaranteed analysis.

Price, 50 lb. bag, \$1.15. 100 lb. bag, \$2.00

JOHNSON'S "VIGOR" CHICK FOOD

This is our own brand of food for chicks, and is a carefully prepared mixture of sound grains and seeds, with a little grit to give just such food as they would pick up on a large farm during spring and summer months. It will give the chicks quick growth and keep them in good health. It contains all the meat and bone that is required, and anything extra that you give in this line will cause trouble. Always to be fed dry; never wet it. In common with all brands bearing the name "Vigor" it can be absolutely relied upon to do the work required.

Price, per lb., 5c.; 10 lbs., 40c.; 50 lbs., \$1.50; 100 lbs., \$2.50.

F. P. C. SUCCESS CHICK FOOD

A clean mixed grain and granular food (to be fed dry) to insure continued success in developing and maturing chicks and turkeys which have been fed the first ten days on F. P. C. Chick Manna.

Contains no grit, no oyster shell, which can be provided at less cost than Success Food.

Is prepared with the same special care as all our preparations offered under the F. P. C. trade mark.

Price, 5 lbs., 25c.; 15 lbs., 60c.; 28 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50.

SPRATT'S PATENT CHICK MEAL

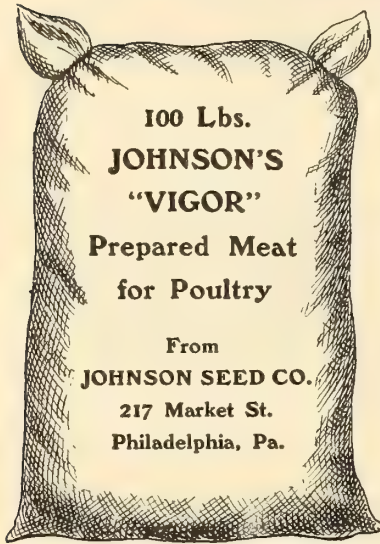
It has been demonstrated and is admitted by all experts that to rear birds successfully and bring them to the highest state of perfection, they must have, while very young, a cooked food, and their corn diet must be carefully limited. This food should be composed of cereals, meat, vegetable bone and shell in judicious combination: Such is Spratt's Patent Chick Meal.

Price, \$6.00 per 100 lbs.; \$3.25 per 50 lbs.; \$1.75 per 25 lbs.; 75c. per 10 lbs.

Watch for the "VIGOR" BRANDS

The Chickens do

HIGH-GRADE POULTRY FOODS



NOTICE.—JOHNSON'S "VIGOR" Brands of Poultry Supplies are those of our own preparation and cannot be excelled. The quality of everything offered in this Catalogue under that brand can absolutely be relied upon.

Johnson's "VIGOR" Ground Beef Scrap OR PREPARED MEAT FOR POULTRY

This is prepared by us with great care, and is shipped to all parts of the United States, principally to parties who are engaged in raising poultry and eggs for market. It is the finest thing we know of to cause hens to lay during the winter. By guaranteed analysis it shows 50 to 60 per cent. protein. Feed three times a week, at the rate of about a handful to every three birds, in the morning meal of hot food. High prices always prevail at this season of the year, which makes it extremely profitable to feed. As a duck food it has no equal. *You cannot afford to be without it.*

Price, 10 lbs., 40c.; 50 lbs., \$1.50; 100 lbs., \$2.75.

Write for special price on larger quantities.

HIGH PROTEIN BEEF SCRAP

A superior grade of prepared meat, which we sell extensively to the largest consumers in this country; it shows 55 to 65 per cent. protein, which places it at a very high grade.

Price, 50 lbs., - \$1.60. 100 lbs., - \$2.90.

GROUND DRIED BLOOD

Two Ounces of Ground Dried Blood Represent One Quart of Raw Blood.

Blood Meal is greatly relished by fowls, and an increase in the number of eggs is quickly noticed when it is fed. Poultrymen must feed more or less meat scraps in winter to make hens lay; this it generally does in a highly concentrated form, rich in albuminoids and ash, both of which enter largely into the composition of the egg. **Blood Meal** mixed with the feed for small incubator chicks will positively prevent the deaths so often caused by weakness or breaking down.

Pure Blood Meal fed your poultry will make your hens lay, your chicks grow fast and keep your fowls healthy. The Blood meal offered by us is guaranteed to be pure and free from adulteration, also free from the objectionable odor which generally accompanies other poultry foods containing animal matter. Our Pure Blood Meal contains no ground bone or other cheap adulteration of any kind. It has less than five per cent. of moisture, and is the most complete poultry and egg food in use.

Price, 5 lbs., 25c. 10 lbs., 45c. 50 lb. bags, \$2.00. 100 lb. bags, \$3.50.

JOHNSON'S "VIGOR" EGG FOOD

This is a great egg and vigor-producing food. It is our own brand, and we know whereof we speak when we give it our highest praise and guarantee. It is to be fed as a mash, dry and crumbly. Feed morning and night, and if the fowls are kept in an enclosure, scatter our "Vigor" Scratch Food in the litter at noon, to induce exercise in scratching for it. This food will keep them in good laying condition, as it gives them the necessary stimulus without producing fat. It is a *complete food*. Nothing else need be given them but grit and occasional green cut bone. It will also help the fertility during the cold months.

Price, 50 lbs., - \$1.50. 100 lbs., - \$2.50.

SPRATT'S PATENT PRAIRIE MEAT CRISSEL

A very fine grade of prepared meat, put up by "Spratt's Patent" Company. Some of our customers will have it, though at an advanced price, as the brand, "Spratt's Patent" is always a guarantee of quality.

Price, 50 lbs., - \$1.75. 100 lbs., - \$3.25.

MEAT AND BONE

A good, clean, sweet article and not a refuse from a fertilizer works as many of such products are. It is meat scrap, bone, and dried blood, cooked under steam pressure, and then dried and ground. It makes an excellent poultry food.

Price, 10 lbs., 40c. 50 lbs., \$1.50. 100 lbs., \$2.50.

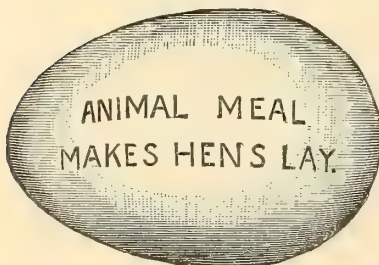


BOWKER'S ANIMAL MEAL

The richest part of the egg is the albumen. The laying hen and growing chicks should be fed upon food rich in albumen and easily digested. **Animal Meal** contains a large amount of albumen, as well as material for the shell. It is a well-balanced animal food and contains less than five per cent. water.

Price, per 5 lb. carton, 20c. 25 lbs., 75c. 50 lbs., \$1.35.
100 lbs., \$2.50.

Special prices by the ton



JOHNSON'S "VIGOR" POULTRY FOOD

This is manufactured by ourselves from selected food materials. Our endeavor was to furnish a better ground food for mashies than has been offered to poultrymen, and the results gained by those who use it justify the assertion that it is the best prepared ground food on the market. It is made entirely of grain, and is a well-balanced food for young or old fowls. A mash made of "Vigor" Poultry Food and cut clover will promote growth of chicks, a better production of eggs and a healthy flock.

Price, 5-lb. bag, 20c.; 25 lbs., 75c.; 100 lbs., \$2.00

GRANULATED BONE

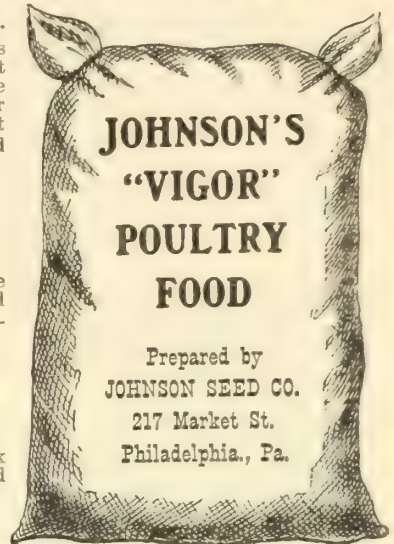
The phosphoric acid and lime much relished by laying hens are furnished by our **Granulated Bone**. We guarantee this fresh and pure, not bleached nor treated, and to contain all the nutritive ingredients essential to egg-production.

Price, 5 lbs., 25c.; 10 lbs., 40c.; 50 lbs., \$1.50; 100 lbs., \$2.50

FINE GROUND RAW BONE MEAL

Raw Bone Meal is made from fresh bones, and is of the same stock as Granulated Bone, but is reduced through a finer sieve. It is ground fine, and is especially useful to mix with mash food.

Price, 5 lbs., 25c.; 10 lbs., 40c.; 50 lbs., \$1.50; 100 lbs., \$2.50.



H-O POULTRY FOOD

The H-O Co.'s Poultry Food is used for the grain feed in the regular morning mash, steamed or scalded the same as any other soft feed. Where it is the custom to mix vegetables, animal meal, etc., in the morning mash, these can be used in conjunction with the H-O Co.'s Poultry Food as well.

Price, 5 lbs., 20c.; 25 lbs., 75c.; 100 lbs., \$2.25; 500-lb. lots shipped direct from Buffalo, delivered at your station, prepaid (if at same freight schedule as Philadelphia), \$2.10 per 100 lbs. Write for special price delivered in ton lots.

CYPHERS LAYING FOOD

This is a palatable and highly nutritious balanced ration, ready mixed for making the daily mash. It is a complete ration and contains, in addition to ground grains, the necessary meat and green food. This food is ready for use by simply mixing with sufficient water to make a crumbly mash. There is no need to worry about the proportions of the different ingredients since Cyphers Laying Food is scientifically balanced, according to a well tried formula. Full directions for feeding are in every bag. Put up in sealed bags only, bearing manufacturer's trade mark and guaranteed analysis.

Price 50-lb. bag, - \$1.15. 100-lb. bag, - \$2.00.



HARDING'S GRANULATED MILK FOR POULTRY

Double your egg production by using Harding's Uncle Sam Granulated Milk—dry, clean and wholesome. Will keep in any climate. 50 per cent. protein, nearly 15 per cent. clear albumen, 30 to 40 per cent. increased egg production over animal food.

This Pure Milk for Poultry has somewhat the appearance of granulated steam bone, being about the size of ordinary cracked grain and of a grayish-white color. Can be fed dry or in mash.

Price, 10-lb. bag, 50c.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00.

AMERICAN POULTRY FOOD

This justly celebrated food is manufactured from choice wheat, corn, oats and barley. The grain is carefully selected, thoroughly kiln roasted and finely ground.

If you are Raising Chicks for Market, there is no food that will force them so fast and produce such all round development and perfect quality as **American Poultry Food** as a morning mash.

HOW TO MAKE CAKE FOR CHICKS

Thoroughly mix three pints of American Poultry Food, one pint of clover meal, a third of a teaspoonful of salt and five teaspoonfuls of baking powder; wet with water or milk to a moderately stiff batter, and thoroughly bake in a slow oven. The inside of the cake will serve as a mash, and the outside can be used in place of hard grain.

Price, 5-lb. bag, 20c.; 25 lbs., 75c.; 100 lbs., \$1.75; 500 lbs., \$8.50.



CLOVER PRODUCTS

The value of clover as a portion of the regular diet of fowls can hardly be overestimated. It furnishes protein, lime, and other material salts in an easily-digested form. Its use will insure a large percentage of fertile eggs, and will keep the flock in good health and vigor. It adds luster to the plumage, and assists materially in putting choice birds in exhibition condition.

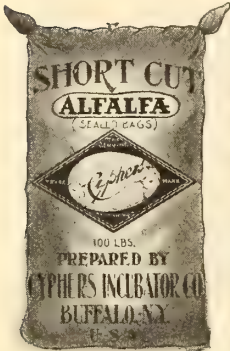
Clover is the best green food for winter use, as there is no waste, as in vegetables, and it is in a form to be fed with a very small amount of labor.

The Alfalfa goods are put up in strong 50 and 100-lb. sealed bags, bearing the Cyphers registered trade mark, and labeled to comply with the various State food laws. *Direction for feeding accompany every bag.*

SHORT-CUT ALFALFA CLOVER

This is the result of the first process of milling. All the stalks, leaves and blossoms are reduced to edible lengths, while all long stems, weeds, etc. are entirely eliminated, which is possible only by our special methods. Thus, having absolutely no waste, this is far superior to ordinary cut alfalfa.

Price, 50-lb. bag, - \$1.00. 100-lb. bag, - \$1.75.



SHREDDED ALFALFA CLOVER

This is finer than the Short-Cut, and not so fine as the Mealed Alfalfa. It resembles shredded wheat in texture. The entire product, stalks, leaves and blossoms are retained. Shredded Alfalfa is rather more digestible than the Short-Cut, and hence is especially valuable for young chicks.

Price, 50-lb. bag, - \$1.00. 100-lb. bag, - \$1.75.

MEALED ALFALFA CLOVER

This is Shredded Alfalfa reduced to a meal. It contains all the plant, stalks, leaves and blossoms. Best form for use in mash food for chicks, the meal being ground sufficiently course to give bulk to an otherwise soggy mash, thus making it easily digested.

Price, 50-lb. bag, - - - \$1.10. 100-lb. bag, - - - \$2.00.

JOHNSON'S SHORT-CUT CLOVER HAY

Very similar to Short-Cut Alfalfa and containing, like it, the entire product of the plant.

Price, 50-lb. bag, - - - \$1.00. 100-lb. bag, - - - \$1.75.

SCRATCHING FOODS

JOHNSON'S "VIGOR" SCRATCH FOOD

Every practical poultryman knows the value of giving exercise to his flock. Make them hustle for a living and they will be happier and healthier in every way. "Vigor" Scratch Food is a combination of mixed grains, wheat, cracked corn, oats, split peas, barley, Kaffir corn, sunflower, buckwheat, etc., combined in proper proportions. It gives splendid satisfaction, and we cannot recommend it too highly.

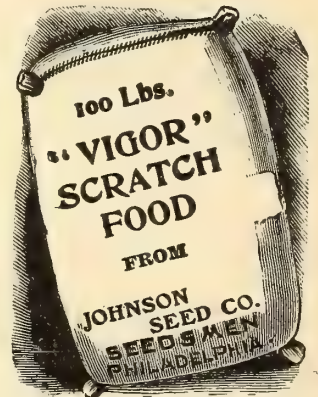
"Vigor Scratch" is so combined as to be most attractive to fowls; thus when it is thrown among the litter they will "get busy" and hunt for it. This means healthy fowls, full of vitality, and a full basket of hatchable eggs.

Price, 10-lb. bag, 30c. 50-lb. bag, \$1.10 100-lb. bag, \$2.00.

CYPHERS SCRATCHING FOOD

The name "Cyphers" is sufficient to prove that this is an excellent dry grain mixture for feeding half-grown chicks or laying stock. It is proportioned to give the best results. Fed in the litter, it is one of the best exercise foods ever offered for use of poultry. Full directions for feeding are in every bag. In sealed bags only, bearing manufacturer's trade mark and guaranteed analysis.

Price. 50-lb. bag, - - - \$1.15. 100-lb. bag, - - - \$2.00.



JOHNSON'S "VIGOR" PIGEON FOOD

A mixed grains ration much like our Poultry Scratch Food, specially prepared for the needs of the pigeon fancier. Carefully mixed and proportioned. Feed it to your pigeons and you will be delighted with the results.

Price, 10 lbs., - - - 30c. 50 lbs., - - - \$1.10. 100 lbs., - - - \$2.00.

GRIT—YOUR BIRDS NEED IT.

It is an established fact among poultrymen that in order to make the poultry business a success, a first-class grit must be used. Ordinary water-washed smooth pebbles are not "grit." Grit must have a formation which enables it to retain its grinding qualities under the relaxation and contraction of the gizzard. We give below a list of all the "Standard" and best "Grits" for Poultry and Pigeons.

CRUSHED OYSTER SHELL



This is a most important article for the poultry yard through the winter, and should be liberally supplied to the fowls. It is advisable to keep it before them during the entire year, as experience has proven that they will eat it in the middle of summer. Our shell is made entirely of OYSTER SHELL, NOT CLAM, as much is that is offered, and is

thoroughly screened from all dust and dirt. It is offered so cheap that it does not pay to grind or break up your own shell. We have it fine for young chicks and for for mashes, and coarser for regular use.

Price: Put up in 5-lb. fancy lithograph cartons, each, 10c. Per case of 20 cartons, 100 lbs. in all, \$1.50. In bulk, 25 lbs., 35c.; 50 lbs., 50c.; 100-lb. bag, 75c.; 500 lbs., \$3.25. *Special prices by the ton or carload.*

FOUST HEALTH GRIT

FOR PIGEONS

Entirely artificial grit, containing everything for pigeon raising. It will put your squabs on the market a week earlier and will give them that plump appearance. It will give style and muscle to pigeons, and is endorsed by all pigeon raisers. It should be fed in wooden boxes, not in metal.

Price, 5 lbs., 20c.; 25 lbs., 65c.; 50 lbs., \$1.15; 100 lbs., \$2.00. *Special prices by the ton.*

JERSEY HEALTH GRIT

FOR PIGEONS

Contains in the right proportion everything in the Grit line for pigeons. Particles are of the correct size and shape, clean, hard and sharp. Pigeons reward you for its use by their fine appearance, health and vigor.

Price, 5 lbs., 20c.; 25 lbs., 65c.; 50 lbs., \$1.15; 100 lbs., \$2.00. *Special prices by the ton.*

SOFT SEA SHELLS

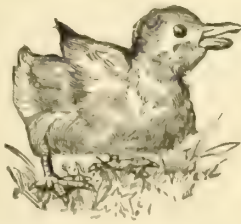
LARGELY USED ON DUCK RANCHES

These are selected shells, and are used by duck and poultry raisers extensively, especially for ducks.

No grinding, no pounding, no trouble, but all ready to feed.

Egg shells formed by feeding **Sea Shells** prove far superior to other eggs for hatching, by actual results.

Price, 5 lbs., 20c.; 25 lbs., 50c.; per bushel, 75c.; 2-bushel sack, \$1.35; per barrel, \$2.00.



MICA CRYSTAL GRIT

CLEAN, SHARP AND CHEAP

This is a combination of mica, quartz, aluminum, iron and magnesium in the right proportions. All of these are essential to poultry or they will soon droop and die. Disease will soon disappear if **Mica Crystal Grit** is kept constantly in the feeding pens as nature expected it should be. One week's trial never

fails to convince that its use pays; you will soon notice the blood red combs, high yellow color of the yolks of the eggs, good health, and large increase in eggs, and you will learn never to be without **Mica Crystal Grit**. Winter seems to be the natural season for its use, but it has proven so far superior to smooth gravel and sand usually picked up about the premises that it is now used both summer and winter.

Put up in three sizes: Fine, for chicks; medium, for pigeons; regular, for fowls.

Price, 5-lb. bag, 15c.; 25-lb. bag, 35c.; 50-lb. bag, 50c.; 100-lb. bag, 85c.; per ton, \$14.00.



Mann's Granite Crystal Grit

The Sharpest and Hardest Grit Known.

Absolutely no waste to this grit; it cuts and grinds, and grinds and cuts until the last minute particle is worn out. Each crystal is sharp cornered and many sided. In two sizes: Fine and coarse.

Price of either size, 5 lbs., 15c.; 25 lbs., 35c.; 50 lbs., 50c.; 100 lbs., 85c. *Special prices by the ton.*

MICA SPAR CUBICAL GRIT

Hard enough to cut glass and retain its cubical form until entirely worn out. Contains sodium, aluminum, magnesium and lime, besides iron in its Mica Chips. Economical because its bright, shiny surface prevents loss in the scratching pen and does not pulverize in handling.

Price, 5 lbs., 15c.; 25 lbs., 35c.; 50 lbs., 50c.; 100 lbs., 85c.; 500 lbs., \$3.75.

COMPLETE GRIT



A "Complete" Grit in every sense of the word. Clean from sand and dirt, light in color, and very hard and sharp. Contains lime, magnesium and sulphur. It therefore is not only a good grinder but possesses also the necessary medicinal properties.

Price, 50-lb. bag, 45c.; 100-lb. bag, 70c.

DISEASE CURES AND PREVENTIVES



RUST'S HAVENS' ROUP PILLS

Cures Roup, Colds, Catarrh and Distemper.

Very largely used and always satisfactory.

Price, per box, 25c.; by mail, 28c.; per doz., by express, \$2.50. Box of 250 pills, \$1.00, postpaid.

F. P. C. MULTUM IN PARVO

This is a pure preparation, put up by F. P. Cassel, who has had much experience in handling fowls. It is a **positive Cure for Cholera** and also a valuable remedy in cases of roup.

Price, 1/2-lb. package, 20c.; by mail, 28c.
1-lb. " 35c.; " " 50c.

F. P. C. ROUP PREPARATION

Also made by F. P. Cassel. Very valuable; given in the drinking water; the effects are remarkable. For **cholera and roup**, use F. P. C. Multum in Parvo in connection with Roup Preparation.

Price, 1/2-lb. package, 20c.; by mail, 28c.
1-lb. " 40c.; " " 55c.

MADOC GAPE REMEDY

QUICK EFFECT. SURE CURE.

One of the best powder form remedies, made by a specialist in the poultry line. A quick and effective cure. Directions accompany each package; it is important that they are carefully followed.

Price, 6-oz. can, - 20c.; by mail, - 28c.
7/8-lb. " - 35c.; " " - 53c.

CARY'S TURKEY PILLS

The numerous diseases that are usually prevalent among very young turkeys may be prevented by the use of **Cary's Turkey Pills**.

Price, - - - - 75c. per box.

CONKEY'S CHOLERA REMEDY

GUARANTEED. A POSITIVE CURE.

For Cholera, Bowel Trouble, Indigestion and kindred ills. Full directions accompany each package.

Price, - - - - 50c., postpaid.

JOHNSON'S "VIGOR" BRAND RELIABLE ROUP REMEDY

GUARANTEED.

Cures
Roup



Our **Reliable Roup Remedy** is "reliable" and will cure roup if given in reasonable time. Good to have on hand as a preventive, and unequalled for canker, especially in pigeons.

THE JOHNSON GUARANTEE

We are confident that Johnson's **Reliable Roup Remedy** will cure each and every case of roup (except in the last and acknowledged incurable stages of the disease) *when given according to directions*. Therefore we will cheerfully refund your money, if after giving it a fair trial you are not satisfied with it.

Full directions accompany each package.

What One Who Has Used It Says:

L. C. JONES, Fairmont, W. Va., writes: January 5th, "Your **roup remedy** is doing all right. I have not a case now."

Price, 25c., postpaid; (makes 25 gallons medicine.)

Write for special prices on dozen and half-dozen lots.

CYPHERS ROUP REMEDY

Guaranteed by the Cyphers Incubator Co., to cure roup, when given according to directions and if taken in time, or they will refund cash paid for it.

Price, small size, 50c.; large size, \$1.00, postpaid.

CONKEY'S ROUP REMEDY

A well-known article, guaranteed to cure roup. Prevents colds and is good for canker.

Prices, postpaid—small size, 50c.; makes 25 gallons of medicine. Large size, \$1.00; makes 75 gallons of medicine.

ROUP SYRINGE

Handy article to use for keeping air passage clean.

Price, - - - - 10c., postpaid.

ARE YOUR CHICKENS SICK? We want to help you. Our new leaflet essay

"POULTRY DISEASES, SYMPTOMS and REMEDIES"

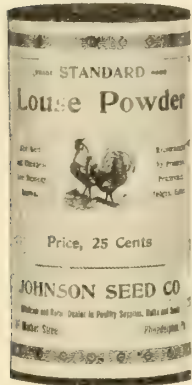
FREE WITH EVERY ORDER, IF YOU ASK FOR IT.

LICE and other INSECT VERMIN

In ever well-conducted establishment these pests have to be fought all the time. We give below a list of Standard Remedies and Preventives.

JOHNSON'S "VIGOR" BRAND STANDARD LICE POWDER

The Best and Cheapest Lice Remedy.



In this preparation we present a lice powder which we believe to be the best in existence. It is carefully compounded from a **reliable, tried and proven formula.** Fatal to all insect vermin, but harmless to the fowls. Invaluable for use on sitting hens and little chicks. *Full directions on each package.*

PRICES:

5-oz. trial package, 10c; postpaid, 15c.
15-oz. package, 25c; postpaid, 40c.
48-oz. box, 50c., postpaid, \$1.

LAMBERT'S "DEATH TO LICE" PREPARATIONS

Standard, reliable goods, well known and largely used by the best poultrymen the country over.

DEATH TO LICE POWDER

5-oz. box, 10c.; postpaid, 15c. 15-oz. box, 25c.; postpaid, 40c.; 48-oz. package, 50c.; postpaid, \$1.00; 100-oz. package, \$1; express paid, \$2.

LAMBERT'S "DEATH TO LICE" OINTMENT

For Head Lice on Little Chicks.

1-oz. size, 10c.; 3-oz., 25c., postpaid.

LAMBERT'S "DEATH TO LICE" SPECIAL

Dissolve the "Special" in kerosene, and you have an efficient Liquid Lice Paint.

4-oz. size, 10c.; 16-oz. size, 25c., or postpaid, 40c.

CYPHERS LICE POWDER

The name "CYPHERS" is a sufficient guarantee as to its effectiveness.

Price, 5-oz. (trial package), 10c.; postpaid, 15c. 15-oz. package, 25c.; postpaid, 40c. 48-oz. box, (by express at customer's expense), 50c. 100-oz. package, (by express at customer's expense), \$1.00.

"VERO" RELIABLE INSECT POWDER VERY EFFECTIVE.

¼-lb. can, 16c.; by mail, 21c. ½-lb. can, 30c.; by mail, 40c.

PURE PERSIAN INSECT POWDER Absolutely Pure and Unadulterated.

¼ lb., 10c.; by mail, 15c. 1 lb., 30c.; by mail, 48c.

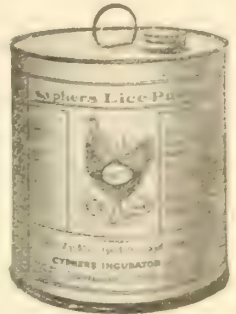
LEE'S LIQUID LICE KILLER

Will surely destroy lice, mites, etc., on poultry and hens if used as recommended.

Price, 1 qt., 35c.; ½ gal., 60c.; 1 gal., \$1.00.

CYPHERS LICE PAINT

A Liquid Lice Destroyer which does the work economically and effectively. Thoroughly paint the roosts and dropping boards, and the fumes kill the mites and lice while the birds roost. Bear in mind that it is strong, and take care that it does not come in contact with the bodies of young chickens or with raw places on cattle or horses. The fumes are harmless to fowls.



PRICES:

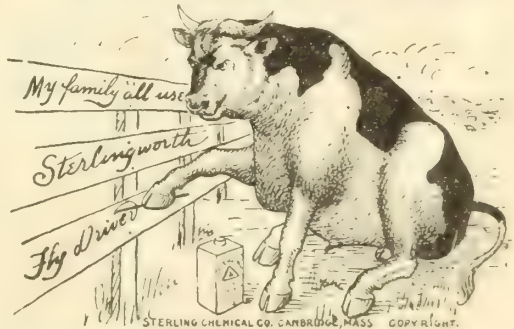
1-quart cans, each, . 35c.
2 " " " " - 60c.
1-gallon cans, each, - \$1.00.
5-gallon wood jacket, 4.00.

CONKEY'S LICE LIQUID

Will quickly rid your poultry house of these pests.

Price, 1-qt. cans, 35c.; 2 qt., 60c.

STERLINGWORTH FLY DRIVER A FLY KILLER AT 30c. A GALLON.



Sterlingworth Fly Driver completely protects cattle and horses from all winged pests. It is non-poisonous, harmless, easily applied and lasts longer than any other Fly Driver sold for three times its price. It does not burn the animal's coat, nor contaminate milk, and mixes with water more easily and freely than any other preparation we have met. We heartily endorse it. Try a can and you will say that it is the **Best Fly Driver** you ever used.

Price, 1-qt. can, (makes two gallons of Fly Driver) 60c.; 2-qt. can, (makes four gallons), \$1.00.

ANTI-FLY PEST

Easy To Apply, Safe To Use, Lasting In Effect.

Anti-Fly Pest is sure death to flies; it protects mostly by evaporation—the fumes do the work. Cows sprayed with **Anti-Fly Pest** will produce 25 per cent. more milk. If your horse is thinskin and troubled with flies give it a trial. One gallon is sufficient to treat 300 cows or horses.

Price, ½-gallon can, 50c.; 1-gallon can, 75c.; 5-gallon jacketed can, \$3.50.

CATTLE COMFORT, similar to the above.

Price, quart, 40c.; gallon, \$1.10.

For applying any of above Preparations USE OUR SPRAYERS. Listed on Page 102 of Catalogue.

The "Humpty Dumpty" Egg Crate



The cheapest egg carrier on the market; collapsible, takes up little room when not in use.

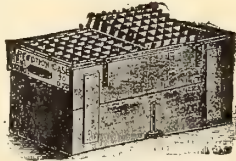
Price, Capacity, 144 eggs, 35c. each; \$3.00 per dozen.

EYRIE EGG SHIPPING BOX. Of heavy corrugated cardboard; strong, compact, light and convenient. The handle locks the box, and it cannot be tampered with. Price, 1 sitting, each, 15c.; per dozen, \$1.50; 2 sittings, each, 20c.; per dozen, \$2.00.

PAPER EGG BOXES. For carrying 1 dozen eggs. 25c. per dozen; \$1.00 per 100; \$8.00 per 1000. (1000 lots printed with name free of charge.

PERFECTION EGG CASES

Patent clasp, strong hinges, well made; will stand shipping.



PERFECTION EGG CASE.

PRICE LIST

30-doz. size, \$1.10 each.

Egg fillers, per set, 25c.

10 sets, \$2.25.

CENTURY REVOLVING EGG CABINET

150-egg size, - \$3.00. 288-egg size, - \$5.00.

Leg Bands

Numbered free of charge. Initials 10c. per 100 extra.

IMPROVED PLIANT ALUMINUM.

Two sizes, adjustable to fit any fowl. Held by double lock.



THE SUPERIOR

Is securely locked, can't lose off. Six sizes, State breed and sex. Postpaid, either kind, 12, 15.; 25, 30c.; 50, 50c.; 100, 80c.



Pat. Dec. 23, 1902

SMITH DOUBLE CLINCH

Of Aluminum; will not rust.

Price, 25c. doz.; per 50, 75c.; per 100, \$1.25.

SMITH SEALED LEG BANDS. Of Aluminum. 10 for 25c.; 25 for 50c.; 60 for \$1.00; 100 for \$1.50.

SEALER. Plain, 50c. Lettered, 75c.

PIGEON BANDS. Open German Silver.

Stamped with two letters and year, and numbered free of charge. State breed.



20c. per dozen; \$1.25 per 100.

Revolving Chicken Holder

To simplify the operation of killing. Will last a lifetime. 40c. each; per dozen, \$4.25.

Hanchett's Fowl Catcher

This does the work.

Postpaid, - - - 20c.



CUPS FOR COOPS. 15c. each; \$1.50 per doz.

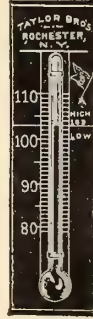
Extras for Incubators and Brooders

Incubator Heaters. No 0, \$2.50; Nos. 1, 2 and 3, \$2.75. Incubator Lamps. No. 0, 75c.; Nos. 1, 2 and 3, 90c. each. Extra Incubator Trays. No. 0, 55c. each; No. 1, \$1.00 each; No. 2, \$1.75 per pair; No. 3, \$2.40 per pair. Incubator Lamp Burners. No. 0, 30c.; Nos. 1, 2 and 3, 40c. each. Lamp Wicks. 25c. per dozen. Brooder Wicks. 30c. per dozen.

High-Grade Tested Thermometers

Tested two seasons before being sent out and guaranteed accurate.

INCUBATOR THERMOMETERS. Either white face, black letters, or black face, white letters. 50c. each; by mail, 55c.; per dozen, \$5.00.



CYPHERS INCUBATOR THERMOMETER.



50c. each; postpaid, 55c.

Brooder Thermometers. Made to stand upright in brooder or can be suspended. Price, 35c. each; 3 for \$1.00.

CYPHERS BROODER THERMOMETER.

Price, 50c. each; \$5 per doz.

JAPANED TIN CASE THERMOMETERS. Price, 8-inch, 15c.; 10-inch, 20c.

"DISTANCE" THERMOMETERS. White enameled tin case with very large figures that can be seen at a distance. Price, 20 cents each.

Nest Eggs

China or Opal. Per dozen, 25c.; per gross, \$2.25.

Wooden. Per dozen, 15c.; per gross, \$1.50.

Medicated. Of plaster, impregnated with sulphur and oil of sassafras. Prevents vermin in the nest. Price, each, 5c.; per dozen, 40c.

French Poultry Killing Knife. (CYPHERS PATTERN)



Of finely-tempered steel. Will last a lifetime.

Postpaid, - - - 50 cents.

FRENCH POULTRY KILLING KNIFE. Sharp cutting edge on either side of the blade. Price, 50c.

THE PROGRESSIVE POULTRY KILLER.

Bleeds the fowl and allows the feathers to be removed without the use of water. 50 cents.

BIT TO PREVENT FEATHER PULLING. By mail, 10c. each; \$1.00 per dozen.

MOISTURE GAUGE. Useful in the house and for moisture incubators. Price, \$1.50 each, postpaid.

LIGHTNING LICE KILLING MACHINE. A simple, effective and easy device for ridding poultry of lice. Write for further description. Price, \$3.00 each.

CYPHERS PRACTICAL EGG TESTER

The Best Yet.

Price complete, including box, lamp and reflector, \$1.25.

TIN EGG TESTER. Fits over any lamp chimney. Price, not including lamp, 35c.

THE RELIABLE SPRING LEVER POULTRY PUNCH. Can be used on any breed of fowls. 35c. each, postpaid.

THE PHILADELPHIA POULTRY MARKER

Well made with steel spring and cutter. Nickel Plated. In two sizes. 25c. each, postpaid.

CAPONIZING INSTRUMENTS A Book of Complete Instructions, free with each set. The "Philadelphia" Set, complete, \$2.25.

Flintkote Roofing Paper



This costs less both for material and labor of laying than any other good roofing, yet lasts longer and gives better protection from fire, rain, snow and wind.

Flintkote is made in four thicknesses and weights, and in rolls 36 inches wide. A "square" will cover 100 square feet and allow 2 inches for laps and butts. It is mostly

shipped two squares to the roll, but we can supply "one square" rolls where they are needed. In the core of each roll are nails, caps and cement for laying. We recommend the 1 and 2-ply for ordinary purposes. *Samples mailed on application.*

PRICE:

- 1/2-ply, weight, 30 lbs., per square, - \$1.75
- 1-ply, weight, 37 lbs., per square, - 2.25
- 2-ply, weight, 47 lbs., per square, - 3.25
- 3-ply, weight, 57 lbs., per square, - 4.00

Special prices for the trade on large lots.

"Raw Hide" Waterproof Paper

Tough as leather. Write for samples.

Price, per roll of 250 square feet.

No. 210 "Raw Hide" Heavy Roofing, \$3.00 per roll.
 No. 200 "Raw Hide" Sheathing, \$2.50 per roll.

RAW HIDE PAINT. Per gallon, (enough for 350 square feet), \$1.35.

RED ROPE ROOFING

One of the best Roofing Papers on the market; tough, water-tight, durable and strong.

Price, per 500-ft. roll, \$4.50; 250-ft. roll, \$2.25.

Neponset Red Rope Roofing

A popular and excellent article.

Price, per roll 500 square feet, \$5.00; per roll 250 square feet, \$2.50; per roll 100 square feet, \$1.10.

Black Neponset, for Lining and Inside Work

Per roll 250 feet, \$1.00; per roll 500 feet, \$1.75.

TARRED FELTS

2-ply, per roll 108 square feet, 80c.; 3-ply, per roll 108 square feet, \$1.10.

ASBESTOS BUILDING FELT

A good non-conductor of heat and perfectly fire-proof. Used for covering hot-air heaters and pipes, and incubator and brooder walls, lamp boxes, etc.

Price, heavy, - - - 6c. per yard.

MINERAL WOOL

An excellent non-conductor of heat, perfectly fire-proof; fine for packing incubator and brooder house walls.

Price, 50-lb. sacks; \$1.50; less than full sack, 5c, per lb.; \$30.00 per ton.

TIN CAPS AND WIRE NAILS. Per lb., 8c.; 100 lbs., to keg, \$6.00.

SLAG CEMENT FOR COATING ROOFS. 1 gal., 35c.; 3 gals., 90c.; 5 gals., \$1.45.

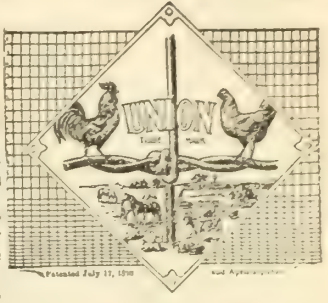
GRAPHITE PAINT

Mixed specially for us, and by all odds the best paint for roofing papers. Comes in five shades:—Natural Color, Black, Bronze, Green and Dark Red.

Price, 1/2-gal., 75c.; 1-gal., \$1.30; 5 and 10-gal. kegs, \$1.25 per gal.; bbls. and half-bbls., \$1.15 per gal.

Union Lock Poultry Fencing

This fencing is rapidly superseding the old 2-inch mesh wire fencing. The fine mesh at the bottom, (1 1/2 x 3 inches) where it is needed for small chicks appeals to every practical poultry raiser as a great advantage. Above 2 feet where fowls can reach only on the wing, the mesh is 4 x 3 inches. The horizontal lines



of this fence are all composed of two No. 20 galvanized steel wires twisted together. The pickets are No. 19 galvanized steel wires and are fastened to the cables with the Union Lock. On account of the picket being at right angles to the cables this fence will fit any unevenness of the ground without cutting. Because of its strength and construction this fence requires no top or bottom rail and no more posts than the ordinary woven-wire stock fence, or about one-half the number needed for ordinary poultry netting.

Price List.

Bales of 10 Rods, (165 Feet.)

24 inches wide	-	\$3.00	60 inches wide	-	\$5.00
36 "	"	3.50	72 "	"	5.40
48 "	"	4.25	84 "	"	6.15

Lots of 5 bales, 5 per cent. discount.

Lots of 10 bales, 10 per cent. discount.

In comparing prices with ordinary poultry netting, remember these bales are 15 feet longer.

EXTRA HEAVY Union Lock Poultry Fence

Made of No. 17 galvanized steel wire throughout, and is twice as heavy as our lighter poultry fence. Superior to No. 14 two-inch netting. The spacing between the cables is the same as in the lighter fence described above, but the pickets are four inches apart instead of three as in the lighter fencing.

Price List

Bales of 10 Rods, (165 Feet.)

24-in. high, 16 cables,	\$4.75	60-in. high, 25 cables,	\$7.50
36-in. " 19 "	5.50	72-in. " 28 "	8.75
48-in. " 22 "	6.25	84-in. " 31 "	9.25

Diamond Mesh Poultry Fencing

The wire fencing in general use. Cheaper than "Union Lock," but not so desirable. Price is variable, write for special quotations when wanted in quantity. Bales are 150 lineal feet.

Prices, 2-inch Mesh, No. 19 Wire.

Width	Weight Per Bale	Price	Width	Weight Per Bale	Price
24	21	\$1.75	60	50	\$4.10
36	31	2.50	72	59	4.85
48	40	3.35			

Prices, 1-inch Mesh, No. 20 Wire.

Width	Weight Per Bale	Price	Width	Weight Per Bale	Price
12	19	\$1.85	24	38	\$3.45
18	29	2.60	36	57	4.95

WATERPROOF SHEETING

(Improved Substitute for "Oiled Muslin.")

The use of curtains instead of doors shuts off the draughts from poultry houses, but at the same time permits a gentle flow of fresh air, thus keeping the house dry and the fowls in good health.

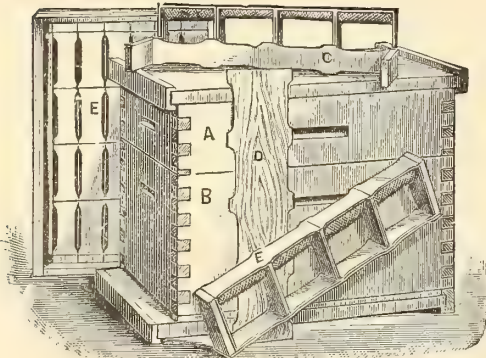
A difficulty hitherto has been that oil treated curtains rotted quickly, owing to the rapid oxidizing of the oil. To overcome this, we now offer a waterproof sheeting, better and more durable than oiled cloths, and cheaper than a curtain can be put up and treated with paraffine coating, which was the old way.

Prices, Width, 40 inches.

Less than 50 yards, per yard	-	-	-	\$0.16
50-yard lots, per yard	-	-	-	.15
100-yard lots, "	-	-	-	.14



Bee Keepers' Supplies



THE DOVETAILED HIVE

ANY ARTICLE IN BEE SUPPLIES NOT MENTIONED HERE WILL BE QUOTED BY LETTER

	Each set up	Per 5 in flat	Per 10 in flat
No. 1, Dovetailed Hives, complete	\$2.85	\$9.75	\$18.00
No. 5, Dovetailed Hives, complete	3.00	10.50	19.50
Observatory Hives, set up	\$1.50		
Section Boxes, per 100	75c.		
per 1000	\$5.00		
5,000 lots at \$4.75 per 1,000.			



BEE VEILS. 50c.

Hoffman Frames, put up, \$4.00 per 100; in flat, \$2.75 per 100.

Clark's Cold Blast Smoker, 55c.; by mail, 75c.

Corneil Smoker, \$1.25.

Bee Veils, 40c. and 50c. each.

Porter Bee Escapes, 25c. each; \$2.50 doz.

Cogshall Bee Brush, 20c. each; by mail, 25c.

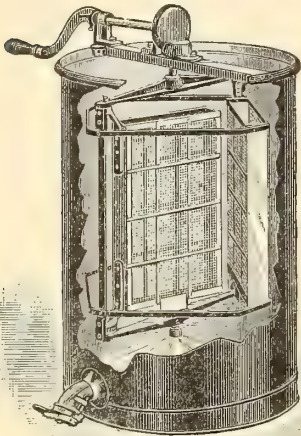
Manum's Swarm Catcher, \$1.00 each.

Bee Entrance Guard, 10c. each; 10 for 80c.

Honey Knives, 50c., 70c., 75c. and 90c. each.

Comb Foundation.

Medium Brood, 5 to 6 square feet to the lb., 58c. per lb. } Add 16c. per lb. }
Thin Super, 10 square feet to the lb., 70c. per lb. } for postage.



COWAN RAPID REVERSIBLE EXTRACTOR

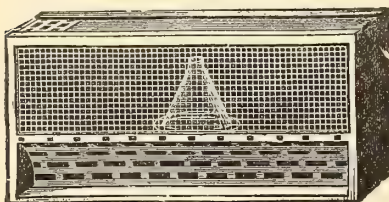


BEES QUEEN BEES

PRICES OF BEES

Full Colony of Bees, with Queen	\$10.00
Mated Queens	1 00
Selected Untested Queen	1 25
Tested Queen	1 50
Select Tested Queen	2 50
Fine Breeding Queen	5 00

NOTE.—The price of **Colony** does not include the hive, which will be additional, prices being given above.



ALLEY'S QUEEN AND DRONE TRAP. 50c.

BOOK—THE A B C OF BEE CULTURE, \$1.25. BY A. I. ROOT.

DAIRY SUPPLIES

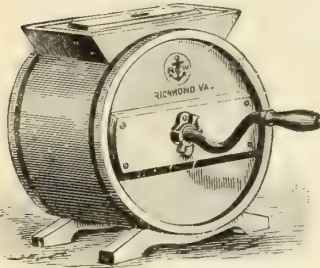
Write for prices on anything not mentioned here

CHURNS

SPAIN'S PATENT

Old-fashioned barrel churn and still holds its own as one of the best on the market. Large, square opening at top makes it easy to remove dasher to clean. Of white cedar, bound with galvanized iron hoops. Patent stand sold with churn.

No. 1, churns 19 quarts	.....	\$5 75
" 2, " 15 "	.....	6 50
" 3, " 20 "	.....	7 00
" 4, " 24 "	.....	7 75
" 5, " 32 "	.....	8 50
" 6, " 44 "	.....	10 00



CYLINDER CHURN.

CYLINDER CHURNS

Of white cedar, handy and useful; very satisfactory where a small, low-priced churn is desired.

No. 1, 2 gallons	.....	\$1 75
" 2, 4 "	.....	2 00
" 3, 7 "	.....	2 50
Lighting Churn, No. 0, 2 gallons	.....	2 00
" " " 1, 3 "	.....	2 25
" " " 2, 4 "	.....	2 50

Butter Color, 6-oz. bottles, 25c.; per qt., \$1.00; gal., \$1.75.
Moulds, Reid's, \$1.40; Seeley's, 1/2-lb., 50c.; 1-lb., 75c.
Paddles, 20c.
Prints, Round, 1/2-lb., 30c.; 1-lb., 40c.
Printers, Lever, either 1/2 or 1-lb., 40c.
" " "Lafayette," either 1/2-lb., or 1-lb., \$10.00.
" " " " Complete with table, \$15.00.
\$1 extra for initials or monogram.
and Cheese Tryers, polished steel, 5-inch, \$1.10.
" " " " " 6 " 1.35.
" " " " " 18 " 1.75.
Workers, Reid's, No. 4, capacity 10 lbs., \$4.00.
" " " " " 3, " 20 " 5.00.
" " " " " 2, " 30 " 6.00.
" " " " " 1, " 50 " 7.00.

Calf Feeders, Small's, \$2.00.
Extra Nipples, 25c. each; per dozen, \$2.50.
Calf Weaners (also Anti Cow Suckers).
Harvey's, for calves, 40c.; cows, 50c.
Rice's, No. 1, 25c.; No. 2, 45c.; No. 3, 60c.
Hoozier, calves, 75c.; cows, \$1.50.

CREAMERIES.—REID'S "PEERLESS"

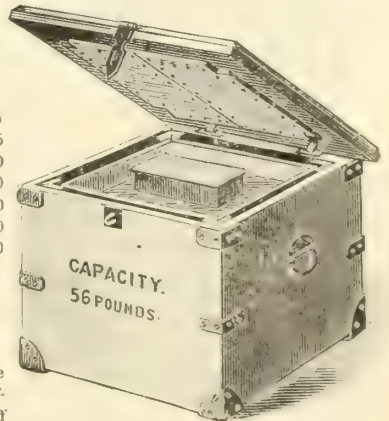
No. 2, 2 cans, 4 to 6 cows	.....	\$21 60
" 3, 3 " 7 to 9 "	.....	29 40
" 4, 4 " 10 to 12 "	.....	32 00
" 5, 6 " 13 to 18 "	.....	41 60
" 6, 8 " 19 to 24 "	.....	51 20

Lactometers, each, 35c.; by mail	.....	50
Milk Cans.—Railroad, extra heavy.		
20 qt., \$3.00; 30 qt., \$3.50; 40 qt., \$4.00.		
Milking Tubes, silver-plated, three sizes, each	.....	30
Ox Balls, for the tips of horns, brass, each, 6c., 8c., 10c., 12c.		
Parchment Butter Paper. Per 1000 sheets.		
8 x 8 inches, for 1/2 lb. square prints	.....	\$0 60
9 x 9 " " 1 " round	.....	75
8 x 11 " " 1 " square	.....	80
10 x 10 " " 1 " round and cottage cheese	.....	85
9 x 12 " " 1 " or square	.....	85
12 x 12 " " cottage cheese	.....	1 39
12 x 18 " " 2-lb. square prints	.....	1 75

Thermometers.		
Floating Glass Dairy, each, 15c. and	.....	25
Maximum and Minimum, each	.....	2 50
Hot Bed or Mushroom Bed, with brass end	.....	1 50
Wooden Back, red fluid	.....	35
Tin Case, 7 inch, 15c.; per dozen	.....	1 50
" " 8 " 18c.; " " " 1 75		
" " 10 " 20c.; " " " 2 00		

SHIPPING BUTTER BOXES

Capacity,		
20 pounds	..	\$2 75
30 " "	..	3 25
40 " "	..	3 80
56 " "	..	4 00
80 " "	..	4 40
96 " "	..	4 60
120 " "	..	4 80



BUTTER SHIPPING BOX.

BANNER ROOT CUTTERS

These are fine machines, self-feeders, shake off the dirt and leave the cut food fine enough to avoid all danger of choking.

No. 7. Small machine for cutting fine for poultry; very useful. \$5.00.

No. 20. Hand Machine. \$8.50.

No. 15. Hand and Power. Has Band Wheel for light power. Capacity, 1 to 1 1/2 bushels per minute. \$9.50.

No. 28. Improved machine for hand and power. Fine for large users. Send for circular. Without pulley, \$15.00; with pulley, \$16.00.

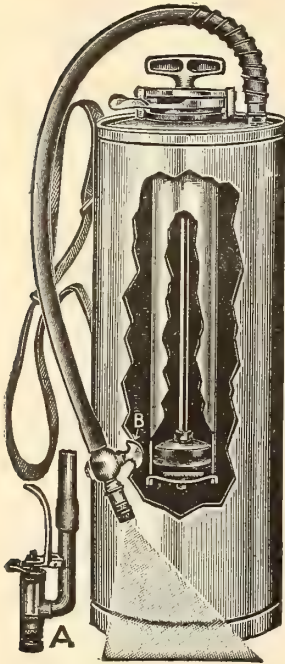


BANNER ROOT CUTTER, No. 20. Capacity 30 to 50 bush. per hour. Price, \$8.50.



Heart. Thistle. Cow. Square Mould. Eagle. Sheaf. Pineapple. Butter Prints.—Round Prints, 1/2-lb., 30c.; 1-lb., 40c. Square Moulds, 1/2-lb., 50c.; 1-lb., 75c.

SPRAYING OUTFITS



Spraying trees and small fruits has become a necessity in order to get the best results. It saves them from the ravages of insect and other enemies. We carry a full line of sprayers and insecticides and will mail you a **SPECIAL SPRAYING OUTFIT CIRCULAR** free on request.

The Auto-Spray

The Auto-Spray is a perfect compressed-air sprayer which works automatically from 6 to 15 minutes according to the nozzle opening. It may be charged in 15 seconds by a few strokes of the plunger. It has a capacity of four gallons, and when properly charged contains three gallons of solution and one gallon of compressed air.

Eight to twelve strokes of the plunger will compress the air and two pumpings will discharge the entire contents.

Three gallons of solution or one charge will easily cover one-half acre of potatoes or similar crop.

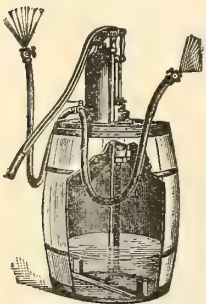
It is made in four styles, but we recommend the brass tank as costing but little more than the galvanized and is practically indestructible.

With every Auto-Sprayer is supplied, free of charge, the most complete and up-to-date spray calendar ever issued.

PRICE:

- No. 1—A. Brass, with Stop-Cock \$6 00
- “ 1—B. “ “ Auto-pop 7 00
- “ 1—C. Galvanized, with Pop-Cock 4 50
- “ 1—D. “ “ Auto-pop 5 50

Lowell Glass Tank Sprayer, with Agitator . 75c. each
Lee's Tin Sprayer 50c. “



Empire King Pump

A Large and Powerful Pump

Has two Eureka nozzles on two ten-foot sections of heavy hose, so two rows of trees or vines can be sprayed at one time. Has mechanical agitator and all brass working parts. Price, \$13.50; including barrel, set up, \$16.00.

EMPIRE KING PUMP WITH AGITATOR.

For Insecticides see page opposite.



RIPPLEY'S WHITEWASHING AND SPRAYING MACHINE

With one of these machines one man can do in an hour as much whitewashing as five men can do with brushes. Has an agitator that keeps the solution thoroughly mixed at each stroke of the pump. Can be used for spraying trees, gardens, washing windows, carriages, etc.

PRICES

No. 6. 8-gallon, galvanized iron machine, with 10 feet of first-class one-half-inch hose, one nozzle and one 8-foot extension rod, \$12.00.

No. 7. 16-gallon, galvanized iron machine, with 10 feet of first-class one-half-inch hose, one nozzle and one 8-foot extension rod, \$15.00. Extra hose, 8c. per foot; nozzle, 75c.



“CYCLONE” ATOMIZER SPRAYER

Made in tin and brass. Throws a spray as fine as mist. Is adapted for the destroying of every kind of insect. Very useful in spraying kerosene and lice killers in poultry houses; also in spraying potatoes with Paris green water, and in gardens and vineyards.

Just what you want for spraying “Fly-Drivers” on your cows and horses in summertime, to keep off the flies.

Price, tin, 50c.; brass, \$1.00.



LITTLE GEM SPRAY PUMP

This pump is made entirely of brass, including the working parts, discharge and connecting tubes, plunger rod and air chamber, so that all parts (except the rubber hose) that come in contact with the fluid are of brass, making it practical for using any of the insecticides, emulsions, arsenites, fungicides, or ammoniacal mixtures now in common use for saving fruit, foliage and flowers from destruction by insects and fungus. It will throw a spray of any degree of fineness, or a round stream, to a distance of fifty feet. It is furnished with a shut-off cock. Price, including nozzle and two feet of hose, \$3.50.

LITTLE GEM PUMP

INSECTICIDES

Spray Your Fruit Trees
They Need It

FOR SAN JOSE SCALE USE "TARGET BRAND" SCALE DESTROYER

This is composed of a non-penetrating oil combined with resin. It is thoroughly soluble in water, and will not separate, nor does it need to be agitated while spraying. It can even be mixed a day or two before being used, and allowed to be stored in the spray tank or other vessels without separation.

It is beyond a doubt the cheapest, easiest to prepare, and the most reliable spray for fruit orchards.

It coats the tree with a thin film, killing the scale by suffocation and not by penetration, as in the latter process the tree suffers. It can be used as a preventive as well as a cure.

Directions accompany each package.

Write for circular and testimonials.

Price, 1 qt., 35c.; ½ gal., 65c.; 1 gal., \$1.00; 5 gals., \$3.75; 10 gals., \$7.50.



APHIS PUNK. A preparation of nicotine for killing insect life on plants and flowers without injuring blooms or foliage. 60c. per box of 12 rolls.

BORDEAUX MIXTURE. In liquid form. Ready for use by adding water. One gallon of mixture makes 50 gallons. Price, 1-quart can, 40c.; 1-gallon can, \$1.00.

COPPER SULPHATE. For early spraying and making **Carbolic Mixture.** Lb., 10c.; 25 lbs., \$2.25; 100 lbs., \$7.50.

CARBOLIC SOAP. Price, 1-lb. cake, 10c.; or by mail, 25c.

FIR TREE OIL. Frees plants of nearly all insects to which they are subject; also a valuable remedy for animal parasites. Price, ½-pint tin, 40c.; pint, 75c.; qt., \$1.40.

HELLEBORE, POWDERED WHITE. For the destruction of slugs, worms, caterpillars, etc. Price, 15c. per lb., or by mail, 30c.

SLUG SHOT. For bugs and blight. Especially good for potato bugs. 5-lb. pkg., 25c.; 100 lbs., \$3.75; per bbl. of 225 lbs., ¾c. per lb.

PARIS GREEN. A poisonous, insoluble powder for preventing the ravages of potato bugs, worms, caterpillars, etc. Price, per lb., 30c.; 5-lb. can, \$1.40.



LEMION OIL. Will destroy mealy bug and red spider. ½ pt., 25c.; 1 pt., 40c.; qt., 75c.; ½ gal., \$1.25; 1 gal., \$2.00.

PERSIAN INSECT POWDER. ¼ lb., 10c.; lb., 25c.

SULPHUR FOR MILDEW. Lb., 7c.; 5 lbs., 30c.; 25 lbs., \$1.25.

ROSE LEAF EXTRACT OF TOBACCO. Pt., 25c.; qt., 50c.; gal., \$1.25.

SULPHO TOBACCO SOAP. A universal insecticide. 10c. and 25c. per package.

SHOO FLY. Keeps the flies from horses and cattle. Per qt., 35c.; per gal., \$1.00.

FLY DRIVER. For use on horses and cattle. 1 qt., 60c.; 2 qts., \$1.00.

TOBACCO DUST. Pure ground tobacco (not ground stems). Per lb., 5c.; per 100 lbs., \$2.50.

TOBACCO STEMS. Per bale of about 200 lbs., \$1.50.

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-gallon pail makes 20 gallons treating liquid. 1-gallon pail, \$1.25.

FERTILIZERS

Write for Special Prices in Quantity

ASHES (Canada Unleached Hardwood). Indispensable as a lawn dressing, or to apply to orchards. They should be applied late in fall or early in spring, so that the rains and snows may leach the ashes and carry the elements down to the roots of grass or trees. Apply about 1000 lbs. to the acre. Per 100 lbs., \$1.50; bbl. of 250 lbs., \$2.50.

GROUND BONE. Animal bones furnish the soil with the essential requisite of nitrogen as well as phosphoric acid. The most substantial fertilizer for lawns and plants. Feeds the soil for fully ten months after application. 5-lb. bag, 25c.; 25 lbs., 75c.; 100 lbs., \$2.00; sack of 200 lbs., \$3.50.

BONE FLOUR. Ground very fine; excellent for pot plants or beds where an immediate effect is wanted. 5 lbs., 30c.; 25 lbs., 90c.; 100 lbs., \$2.75; bag of 200 lbs., \$5.00.

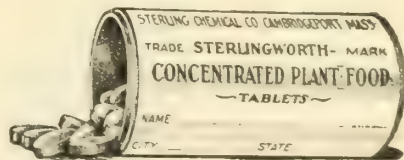
No. 1.—BONE PHOSPHATE. The leading ammoniated phosphate and the best for general purposes. In making new lawns or golf links this is the best fertilizer for immediate effect. 100 lbs., \$1.75; 200-lb. bag, \$2.75.

GILT-EDGED POTATO MANURE. Made expressly for white and sweet potatoes and tobacco. Keeps tubers clean and smooth. Per 200-lb. bag, \$3.50.

KAINIT (German Potash Salt). Most useful for making "Commercial" fertilizers, or can be used alone. If used on lawns it should be spread during winter. 100 lbs., \$1.50; 200 lbs., \$2.50.

LAND PLASTER. 200-lb. bag, \$1.00.

LAWN DRESSING (Odorless). A scientific food for lawns. Guaranteed. 10 lbs., 40c.; 25-lb. bag, \$1.00; 50-lb. bag, \$1.75; 100-lb. bag, \$3.00.



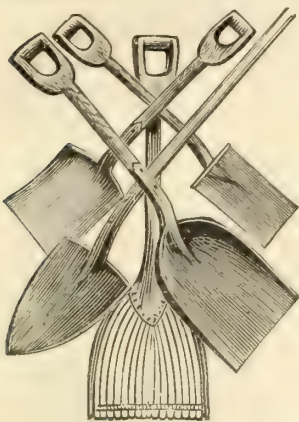
STERLINGWORTH PLANT FOOD TABLETS. Contain nitrogen, ammonia, phosphoric acid and potash. A new, scientific, odorless, concentrated fertilizer for potted plants. If your house plants are not doing well they need these tablets. Trial size, 10c., postpaid; large size, 25c., postpaid.

NITRATE OF SODA. A fertilizer for all crops. Quick in action, and hastens maturity of crops fully two weeks. Should not be applied until the plants are above ground, when 100 to 300 lbs. per acre should be sown mixed with wood-ashes or land-plaster. 5 lbs., 30c.; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50.

SALT (Agricultural). For top-dressing asparagus beds. 200 lbs., \$1.50.

SHEEP MANURE (Pulverized). A pure natural manure and a most nutritious food for young plants. As a lawn top-dressing it is unequaled. 5-lb. package, 25c.; 10 lbs., 40c.; 50 lbs., \$1.50; 100 lbs., \$2.50.

TOBACCO STEMS. A fertilizer and insecticide combined. Bbl., \$1.00; bale of about 200 lbs., \$1.50.



SHOVELS

- Long handle, round point, 85c.
- D handle, round point, 85c.
- D handle, square point, 85c.
- Long handle, square point, 85c.
- D handle, barn scoop, \$1.25.
- Wire potato, \$1.50.
- Ames', square point, D handle, \$1.50.

SPADES

- Long handle, 85c.
- D handle, 85c.
- Ames', Polished, D handle, \$1.50.

FORKS

Hand Weeding, all steel	\$0 35
" " malleable	10 and 15
Digging or Spading, 4 prong	90
" " " 5	1 25
Manure, long handle, 4 tine	75
" " " 5	75
" " D " 4	75
" " " 5 " heavy	1 25
Hay and straw, long handle, 3 tine	75
" " " short " 2	60

GARDEN REELS AND LINES

For marking out the Garden Rows



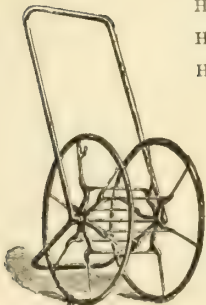
GARDEN REEL.

- Iron Painted, for 100 feet Line . . . \$0 50
- Iron Painted, for 300 feet Line . . . 75
- Galvanized, Single 1 25
- " " Large Double 1 50

- GARDEN LINES. 48 feet, 50c.; 96 feet, 90c.; 100 feet, heavy, \$1.00; 200 feet, \$1.75.

HOSE

- Hose, Rubber, Good Quality, 3/4 inch, per foot . . . \$0 08
- Hose, Rubber, Fine Quality, 3/4 inch, per foot . . . 10
- Hose, Rubber, Extra Quality, 3/4 inch, per foot . . . 12
- Hose Nozzles, Gem 50
- " " Vermorel 75
- " " Bordeaux 75
- " " Rainmaker 50
- " Menders, Cooper's (best), each, 10c.; dozen, \$1.00.
- " Nozzle Holders 15
- " Reels, " Lowell" 1 00
- " " Excelsior, holds 50 ft. 1 50
- " " " (Painted), holds 100 ft. 2 00
- " " All Iron (see cut) 2 75
- No. 10-100 feet 3 00
- No. 20-200 feet 3 00
- No. 30-500 feet 5 00



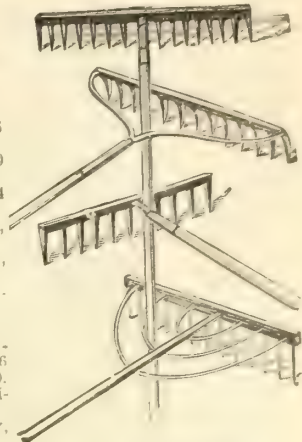
SPRINKLERS

- Peck's 8-arm \$3 50
- " 6 " 3 25
- " 4 " 3 00
- Ball and Basket extra, 2 75
- Cactus 1 50
- Globe 1 00
- Hub 75
- Rubber, Scollay's, 1/2 pint, 50c.; 3/4 pint, 75c.; 1 pint 90

PECK'S 4-ARM LAWN SPRINKLER.

RAKES

- Rakes. Steel, short teeth, for walks, 14 teeth, 45c.
- Rakes. Steel, 16 teeth, 55c.; 18 teeth, 65c.
- Rakes. Steel, garden, 6 teeth, 25c.; 8 teeth, 30c.
- Rakes. Steel, garden, 10 teeth, 35c.; 12 teeth, 40c.
- Rakes. Steel, garden, 14 teeth, 45c.; 16 teeth, 50c.
- Rakes. Steel bow, 9 teeth, 30c.; 11 teeth, 40c.
- Rakes. Steel bow, 13 teeth, 50c.; 15 teeth, 60c.
- Rakes. Hustler lawn, galvanized wire, 50c.
- Rakes. Wooden, 40c.
- " " auto-matic, self-cleaning, 26 teeth, 70c.; 38 teeth, \$1.00.
- Rakes. Lawn and Scari-fying, 50c.
- Rakes. Hay and straw, 8 and 10 teeth, 30c.



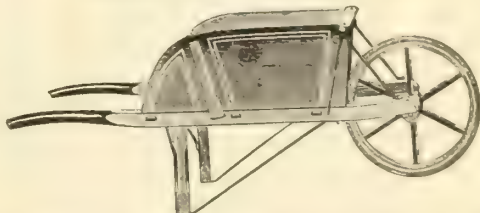
Water Barrel and Truck



Barrel can be detached from truck, or tilted to empty contents. Other barrels can be used and extra irons furnished if desired. The weight is balanced over the axle.

1 1/2 inch wheels	\$9 25
2 1/2 " "	10 00
3 1/2 " "	10 75
3 3/4 " "	3 00
Large box to fit on truck, extra	4 50
Leaf rack attachment to the water truck	3 50
Sprinkling attachment	2 50
Extra barrels with trunnions	2 50

WHEELBARROWS

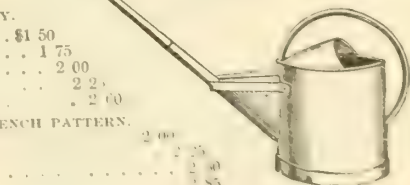


EASTERN-WIDE TREAD. No. 3, \$3.50; No. 4, \$4.00; No. 5, \$4.50.

WATERING POTS

GALVANIZED

These are the best and most durable water pots made. Each has two roses of brass—one fine and one coarse, with long spouts as shown.



HEAVY.			
4 Quart . . .	\$1 50		
6 " . . .	1 75		
8 " . . .	2 00		
10 " . . .	2 25		
12 " . . .	2 50		
FRENCH PATTERN.			
6 Quart . . .	2 00		
8 " . . .	2 25		
10 " . . .	2 50		
12 " . . .	2 75		
Light Galvanized, short spout: 2 roses, 1 fine and 1 coarse.			
1 quart . . .	40c.	6 quart . . .	50c.
10 " . . .	85c.	12 " . . .	\$1.00
Tin, Painted Green.			
1 quart . . .	20c.	2 quart . . .	25c.
6 " . . .	45c.	8 " . . .	60c.
		8 quart . . .	65c.
		16 " . . .	\$1.50
		4 quart . . .	85c.
		10 " . . .	75c.

SHEARS

Shears. Grass border, 8-in. blade, \$2.00; 10-in., \$2.50.

Shears. 8-in., with wheel, \$2.50; 10-in., \$3.00.

Shears. Lawn, 2 wheels, 9-in. blade, for cutting under fences and shrubs, \$2.50.

Shears. Hedge, English, with notch 8-in., \$1.50; 9 in., \$1.75; 10 in., \$2.00.

Shears. Grape, pruning, one size, 50c.

Shears. Pruning, 7 in., \$1.25; 8-in., \$1.50; 9-in., \$1.75.



Shears. Pruning, German, 8-in., 50c.; 9-in., 65c.

Shears. German, Small Nickel, \$1.00.



BORDER SHEARS.



GRASS SHEARS.

PERFECTION SHEARS.



GERMAN SHEARS.



Shears. Lopping, long handle, 75c.
 " " Tree Pruning, "Waters", 4 ft., 75c.; 6 ft., 85c.; 8 ft., \$1.00; 10 ft., \$1.15; 12 ft., \$1.25.
Shears. Sheep, for grass, 25c., 50c. and 75c.

SAWS

Pruning, 16-inch, 75c.; 18-inch, 90c.; 20-inch, \$1.10; 24-inch, \$1.25.

SCISSORS

Flower and Fruit Gatherers, hold after cutting, American, 25c.
Flower and Fruit Gatherers, hold after cutting, Imported, \$1.00.
Grape Thinning, sharp point, English, \$1.00.



PRUNING SAW.

SCYTHES

English Lawn, Riveted Back, 30, 32 and 34-inch . . . \$1 10
 " " " " 36 and 38-inch . . . 1 25
American Lawn, Steel . . . 1 00
 " " Brush, Short and Heavy . . . 90
Sneathe, or Handle for Scythe . . . 75

WEEDERS

Excelsior . . . \$0 10
Three-prong fork . . . 15
Combination . . . 25
Laing's . . . 25
Hazletine's . . . 25
Cleveland Lawn . . . 50



COMBINATION WEEDER



3-PRONG HAND.



EXCELSIOR.



CLEVELAND LAWN WEEDER.

STAKES—For Supporting Plants

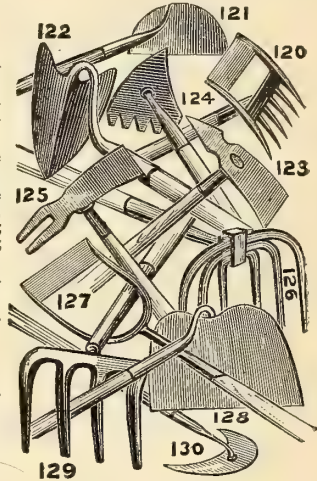
	Each	Per doz.	Per 100
Round,	1½ ft.	3c.	15c. \$0 90
Tapering,	2 ft.	3c.	25c. 1 55
Painted	3½ ft.	4c.	38c. 2 35
Green.	3 ft.	5c.	46c. 2 95
	4 ft.	7c.	67c. 4 30
	5 ft.	8c.	78c. 5 00

	Each	Per doz.	Per 100
Heavy	3 ft.	7c.	67c. \$4 30
Dahlia	3½ ft.	8c.	78c. 5 00
Stakes,	4 ft.	9c.	88c. 5 70
Round,	5 ft.	10c.	\$1.10 7 10
Painted	6 ft.	14c.	1.30 8 50
Green.			

TOMATO SUPPORT, Wire \$1.75 per dozen.

Hoes

Hoe, Square Garden, 6, 7 and 8-in., 40c.
Hoe, Half-Moon, 3-in., 30c.; 4-in., 35c.; 5-in., 40c.; 6-in., 45c.
Hoe, Warren, three sizes, 40c., 45c., 50c.
Hoe, Dutch Scuffle (Handles, 10c. extra), 4-in., 40c.; 5-in., 50c.; 6-in., 60c.; 7-in., 65c.; 8-in., 70c.; 9-in., 85c.
Hoe and Rake, 4-tooth, 40c.; 6-tooth, 50c.
Hoe, Celery, Kalamazoo, \$1.25.
Hoe, Celery, 14-in., \$1.50.
Hoe, Onion, 1-Prong, 30c.; 2-Prong, 35c.
Hoe, Sweet Potato or Mattock, \$1.25.
Hoe, Transplanting, 70c.



HOES IN ASSORTMENT.

GRINDSTONES

We carry a stock of the finest quality grindstones and can quote you on any style not here given.

PRICE LIST

Farmer's 18-inch \$3 25
 " 20 " 3 50
 " 24 " 4 50
Carpenter's 20-inch imported stone, with treadle, rollers and water can 7 50

GRASS EDGING KNIFE

English steel, 8-in., \$1.00; 9-in., \$1.25; American, with handle 50c.



ENGLISH RIVETED BACK GRASS HOOK.

GRASS HOOKS

English—riveted back.

No. 0 \$0 45
 " 1 50
 " 2 60
 " 3 75
American 25



GRASS EDGING KNIFE.

TRAPS

The **Olmstead Mole Trap**. This, after trying all the makes, is, we believe, the very best trap made. It is made short so it can be used in cold frames. Price, \$1.50.

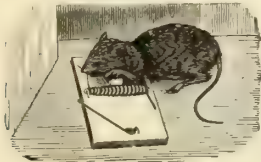


OLMSTEAD'S MOLE TRAP.

"Out o' Sight" Rat and Mouse Traps

The Best Trap for Greenhouse Use

The secret of mouse and rat catching is simplicity of trap (nothing to scare), and the chief practical beauty of the "Out o' Sight" is its innocent appearance—nothing about its placid surface which tells a mouse or rat of its approaching danger. *It catches them coming or*



"OUT O' SIGHT" RAT TRAP.

going, with or without bait. Simply place the trap when set with pedal end against the wall where they come out from behind boxes, back of shelves or in their runways.

IT NEVER FAILS

Prices

Mouse size 10c. each; 3 for 25c.; 85c. per dozen.
Rat size 15c. " 3 " 40c.; \$1.25 "
You can sell them at a good profit. Write us for prices by the gross.

FLOWER POTS Write for Special Prices in Large Quantities

Size	Per doz.	Per 10	Size	Per doz.	Per 100
1 1/4 inch	\$0 06	\$0 44	7 inch	\$0 78	\$6 00
4 1/2 "	20	1 56	8 "	1 09	8 40
4 1/2 "	24	1 88	9 "	1 56	12 00
5 "	32	2 50	11 "	2 11	16 20
5 1/2 "	41	3 13	11 "	2 81	21 60
6 "	49	3 75	12 "	3 90	30 00
6 1/2 "	62	4 80	14 "	7 80	60 00

NEPONSET WATER-PROOF PAPER FLOWER POTS

Something new; will not break. Invaluable to the florist. (Send for special circular.) Prices: 2 1/2-inch pots, per 1000, \$2.40; 3-inch pots, per 1000, \$3.90; 3 1/2-inch pots, per 1000, \$5.15; 4-inch pots, per 1000, \$6.90.

TREE TUBS

Made of white cedar, bound with extra heavy iron hoops. Drop handles of special pattern, serving as hooks. Substantial iron feet of original design. Removable perforated bottoms, painted green outside and brown inside.



TREE TUBS.

No.	Outside diam.	Length of stave	Price
0	27 in.	24 in.	\$5 00
1	25 "	22 "	4 50
2	23 "	20 "	3 75
3	21 "	18 "	3 25
4	19 1/2 in.	16 "	2 75
5	18 "	14 "	2 40
6	16 1/2 "	13 "	2 00
7	15 "	12 "	1 75
8	14 "	10 "	1 50

"UNION" TUBS

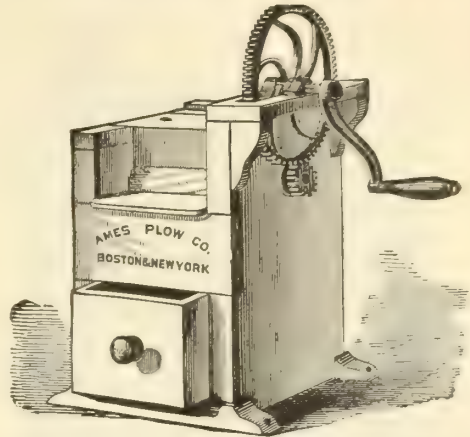
Made of eypress wood, painted green, iron feet.

No.	Diam.	Length of Stave	Price
1	13 in.	11 in.	\$0 75
2	14 1/2 "	13 "	1 25
3	16 "	15 "	1 75
4	20 "	18 "	2 25
5	24 "	21 "	2 75

The Little Giant Broadcast Seeder

Has a 4-inch clear throat, and cannot be choked. Sows three times in going over once, leaving no possible chance for skipping, even in windy weather. Sows not only Timothy and Clover Seed, but Oats, Barley, Buckwheat, etc.—anything that can be broadcasted. Price, \$1.50.

HORSERADISH GRATER



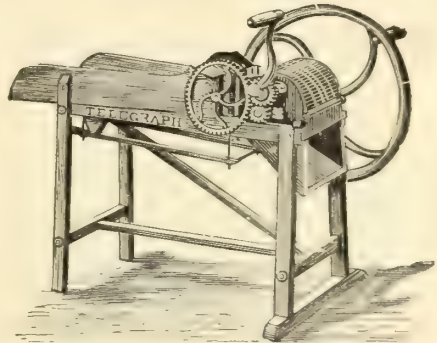
Made in three styles; the Tin Clad Cylinder being a cylinder with projecting tin teeth; the Steel Pin (strongest and best) being a solid wooden roller with projecting steel pin teeth to cut the roots.

The No. 3 is the Steel Pin Cylinder fitted with legs and a treadle.

PRICE LIST

No. 1—Tin Clad Cylinder	\$6 00
No. 2—Steel Pin "	7 00
No. 3— " " with legs and treadle	11 00

HAY CUTTERS



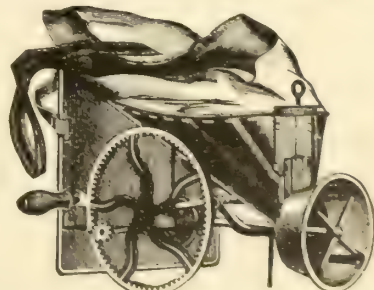
TELEGRAPH HAY CUTTERS

We have yet to see the machine of their size and style that was as good all around as the **Telegraph**. They are well made, knives of good steel, and with care will last for years. Price, No. 5, \$12.00; No. 4, \$15.00.

LEVER HAY CUTTERS

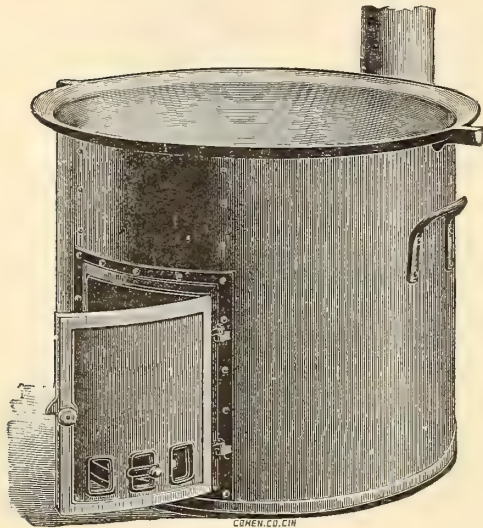
For use on a small scale. Furnished with gauges regulating the length of cut. Price, \$3.00.

Cahoon Broadcast Seed Sower



A well-known sower, carried by a strap around the shoulder, and amount sown is easily regulated by the step of the operator. Price, \$3.25.

Circular Steel Boiler



Made of heavy cold rolled steel, strong and substantial; needs a stone or brick foundation. The cheapest and strongest boiler made.

36-gallon \$10 00 48-gallon \$12 00

Reliable Stock Food Cooker

The best boiler of its class on the market

A Strong, Well-Made Cooker

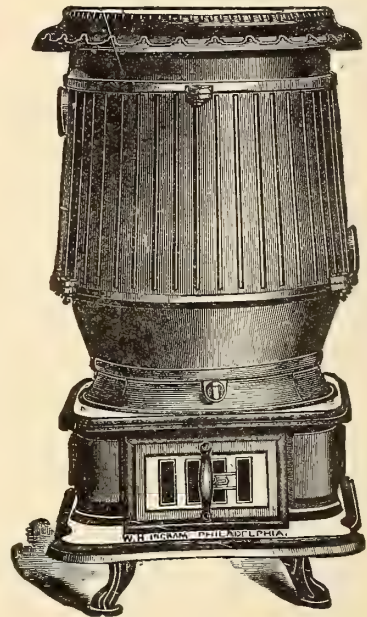
Made of heavy galvanized steel. Consists of door frame, grate, joint of pipe and elbow, boiler, hearth and legs. The legs are cast separately, and can be packed so as to secure safe delivery.

Price List

Size	For wood only	For wood and coal
20-gallon	\$5 00	
35 "	8 00	\$9 00
50 "	10 00	12 00

Improved Hot Water Stove

For Heating Stables, Brooders, Conservatories, etc.



Reasons why you should use it

1. All heating surface is direct.
2. No friction through intricate cross surfaces.
3. Ashes cannot collect on heating surface.
4. Fire brick lining about grate keeps fire bright.

Number of Stove	Height	Diameter of Fire Pot	Amount of radiation controlled, square feet	Length of 1/2 inch Pipe controlled	Price
1	30 inches	14 inches	100	700 feet	\$18 00
2	36 "	18 "	250	750 "	30 00
4	40 "	23 "	500	1200 "	45 00

Price is for stove only. Does not include piping.

Poultrymen's Boiler

Can be used outside or in the outbuilding

Price List

	For wood	For coal
22 gallons	\$15 00	\$18 00
30 "	19 00	23 00
45 "	26 00	31 00

Requisites for the Market Gardener and Florist

- Celery Cotton.** 5 and 6 ply. Per lb., 25c.; 5-lb. bag, \$1.15.
- Celery Wire** for wiring celery. 90c. per stone (12 lbs.).
- Coarse Cotton Twine.** 20c. per lb.; 5-lb. bag, \$1.00.
- Jute Twine.** 2, 3 and 4 ply. 16c. per lb.; 5-lb. bag, 75c.
- Onion or Flax Twine.** 2 and 3 ply. 28c. per lb.; 5-lb. bag, \$1.25.
- Pot Herb Twine.** Per lb., 30c.; 5-lb. bag, \$1.25.
- Raphia.** Per lb., 15c.; 10 lbs., \$1.25; 100 lbs., \$11.00. **Special price by the bale.**
- Silkalene (Green).** In three weights, F, FF and FFF. 2 oz. spool, 20c.; \$1.25 per lb.

(Prices subject to market changes)

- Glazing Points, Perfect.**
Per box of 1000 (by mail, 77c.) \$0.60
Lots of 5000 and over, per box55
Pincers for driving50
- Glazing Points, Seibert.** Lb., 40c.; by mail, 55c.
- Fumigators, Eureka.** No. 1, \$1.00; No. 2, \$1.25; No. 3, \$1.50; No. 4, \$2.50.
- Fumigator, Perfection.** No. 1, \$2.75; No. 2, \$3.25; No. 3, \$3.75; No. 4, \$5.00.
- Plant, Pot and Tree Labels.** In great assortment.

Hot Bed Mats, Plant Bed Cloth, Hot Bed Sash, Mastica, Putty Bulbs, Moss and other supplies. Write for Prices

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PLANET JR. FARM AND GARDEN TOOLS

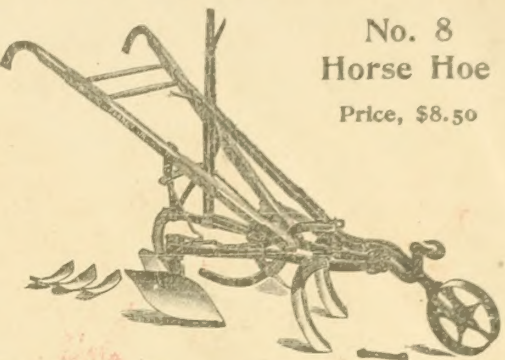
Planet Jr. Tools enable you to do two days' work in one, easier, cheaper, better, with less fatigue. They pay for themselves in a season. Write to-day for a free copy of the 1907 Planet Jr. Catalogue, a finely illustrated, instructive handbook. Describes entire Planet Jr. line, including seeders; wheel hoes; hand, one and two-horse cultivators; harrows, etc.

**No. 3
Hill and Drill Seeder**
Price, \$10.00



Planting in rows and thinning afterwards is a terrible time-waste. The No. 3 Seeder puts the seed right on the spot where the hill is wanted. Plants 4, 6, 8, 12 or 24 inches apart, or in a continuous row as desired. Changed in a moment. Holds 3 quarts. The most accurate drill made, and guaranteed satisfactory.

**No. 8
Horse Hoe**
Price, \$8.50



No. 8 Horse Hoe is a remarkably efficient Cultivator and Hoe, meeting perfectly the many needs for which it is intended. Extra high, stiff steel frame, with interchangeable non-clogging self-polishing standards. Closes to 9 and opens to 25 inches. Patent depth regulators; adjustable handles; reversible hoes, and many other exclusive features.

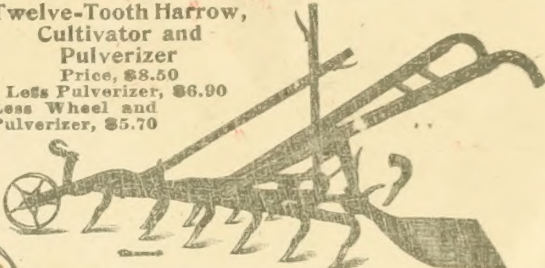
No. 4 Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow
Price, complete, \$10.00
As a Drill only \$8.00



With a No. 4 Combined Drill you will have a better garden with much less work.

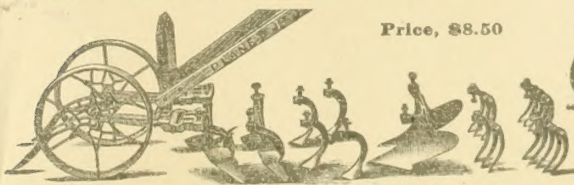
The Drill is the same as the No. 3 Seeder, but smaller. By moving only one bolt the drill is taken off and the tool frame attached, making it one of the best of the Planet Jr. Single Wheel Hoes. This gives you the "whole business" in one tool.

Twelve-Tooth Harrow, Cultivator and Pulverizer
Price, \$8.50
Less Pulverizer, \$6.90
Less Wheel and Pulverizer, \$5.70



With the Twelve-Tooth Harrow you go deep or shallow, come up close to row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it. It's a special favorite with strawberry growers, market gardeners and truckers.

No. 11 Double Wheel Hoe

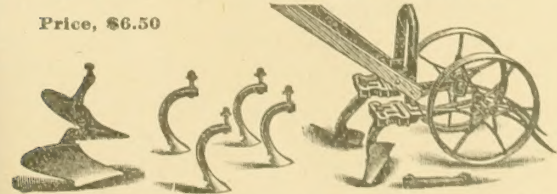


Price, \$8.50

This Wheel Hoe is a famous labor-saver. It will do a variety of work that is almost incredible, and it is changed and adjusted with ease and quickness. The wheels can be set to four different widths and the frame at three heights. The tools are changed without removing a single nut. Nothing like it for onion growers.

PLANET JR. No. 12 Double Wheel Hoe

Price, \$6.50



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.

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, \$5.35



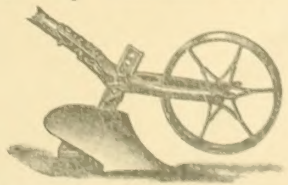
No. 17 SINGLE WHEEL HOE

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, \$4.50



Fire-Fly Garden Plow

Price, \$2.25.



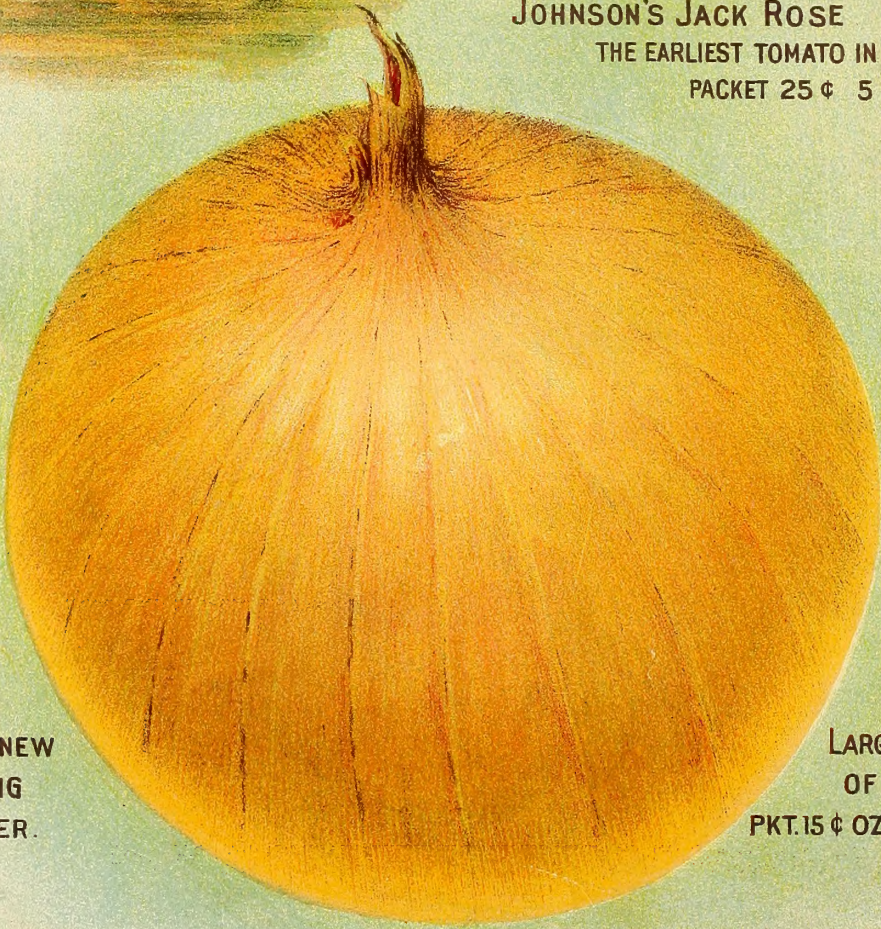
Invaluable for use in small gardens. Mold-board of tempered and polished steel. The depth is easily and quickly changed.

Very useful to plow up chicken yards.

JOHNSON SEED COMPANY



JOHNSON'S JACK ROSE
THE EARLIEST TOMATO IN EXISTENCE
PACKET 25 ¢ 5 PACKETS \$1.00



JOHNSON'S NEW
LONGKEEPING
PRIZE TAKER.

LARGEST AND FINEST
OF ALL ONIONS
PKT. 15 ¢ OZ. 30 ¢ ¼ lb. 75 ¢
1 lb. \$2.75.

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