

Historic, Archive Document

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

62273 / 1910

Wm. H. Tracy, Esq.

J. M. Philips' Sons



Catalogue
 of
 Flower
 Vegetable
 and
 Lawn
 Seeds

Bulbs
 for
 Spring
 and Autumn
 Planting

1910

J. M. Philips' Sons,
 312 - 1st Ave.

Pittsburgh, Pa.

Spring Flowering Bulbs.

Excelsior Pearl Tubroses.

One of the most delightfully fragrant and beautiful summer flowering bulbs. Its waxy-white flowers are the sweetest scented that grow. The growing plant should have plenty of light and should not be planted before April, as they like heat and will not stand frost. By successive plantings may be had in bloom untill frost in fall. Our Tubroses are grown and cured with the greatest possible care, and all are flowering size, we do not handle or recommend second size bulbs, as they will not prove satisfactory.

Price for Large Flowering Bulbs by mail (post paid) each 5 cts, 6 for 20 cts, Dozen 35 cts, 25 for 65 cts. By Express (not paid) Dozen 25 cts, 25 for 40 cts, 50 for 75 cts, 100 for \$1.25.

GLADIOLUS.

THE GLADIOLUS family contains many magnificent varieties, comprising all imaginable colors, shades and variegations, from the most gorgeous and dazzling to the softest and most delicate tints. They deserve to be grown in every garden. For cutting they are invaluable, the flowers lasting in water a week. They are of easy culture, grow in any garden soil, never fail to flower the same season, and by successive plantings from April to June, they can be had in flower from July until checked by frost, when the bulbs should be taken out of ground, dried and stored in a dry place where they will not freeze during winter.

Bulbs Choice Mixed Colors, (by mail post paid) each 5 cts, 5 for 20 cts, Dozen 40c, 25 for 80c. By express (not paid) 50 for \$1.00, 100 for \$1.90.

Cannas.

The Most Beautiful of all
Bedding Plants.

It has long been a great favorite, but since the introduction of many new varieties their value has been greatly increased by adding to the already attractive foliage large flowers of the most brilliant colors, so that they are now indispensable. No other plant is better adapted to our climate, and nothing, costing so little, excels them for masses and beautiful foliage, as well as the abundance of dazzling bloom in many shades.

Plant outdoors soon as the weather is warm and settled, do not water too freely until well started, then should have an abundance of water.

We supply good strong roots 1st part of season, latter part plants well started in pots.

Choice Mixed Colors, Roots by mail each 10 cts, Dozen 75c. By express (not paid) 25 for 75c. Strong Plants by mail (post paid) each 15c, Dozen \$1.25. By express (not paid) Dozen \$1.10, 25 for \$2.00, 50 for \$3.50.

Large amounts for bedding purposes write for prices.

CALADIUM.

This splendid large leaved plant gives perfect satisfaction in filling in a place where no other plants does, adding greatly to the lawn or garden by its immense tropical-like foliage, the leaves being veined with different shades of green; when massed alone or with Cannas, they produce a most striking and beautiful effect. They are of easy culture, but should be planted in well enriched soil and given water in abundance throughout the season. Bulbs may be kept over winter by storing in dry sand or soil in dry warm cellar.

Sizes	By Mail (Post Paid)		By Express (Not Paid)		
	1 Bulb	5 Bulbs	12 Bulbs	25 Bulbs	50 Bulbs
Small	10 cts	40 cts	\$.75	\$1.40	\$2.50
Medium	15 "	60 "	1.00	2.00	3.25
Large	20 "	80 "	1.50	2.75	4.50
Extra Large	25 "	\$1.00	1.90	3.50	5.25

J. M. Philips' Sons,



WE have the pleasure of presenting you with our Annual Seed Catalogue. If you have no use for it, we will esteem it a favor if you will kindly hand it to some friend whom it will be of service. As all efforts is entitled to comparison, we trust our Catalogue will be appreciated during the approaching season as it has been in the past and should your appreciation go beyond your personal requirements, you can at least manifest approval by kind words to those of your friends who want reliable seeds true to name.


Our Quality of Seeds.

We have built up our trade by selling good Seeds at the lowest prices, all our varieties offered by us will be found true as we can make them, which is of great value to the buyer. PHILIPS' SEEDS have a good reputation where-ever they have been once used. You will not make any mistake in ordering seed from us.

Filling Orders. Every order is filled and forwarded as promptly as possible, but if not received after waiting sufficient time write us; giving date of order, your name and address, we will use every effort to trace the delay at once.

Seeds Post-paid by Mail. All Vegetable and Flower Seeds in mail post-paid, if to be sent by Express or Freight purchaser paying charges, deduct from catalogue prices at the rate of 8c per pound. Beans and Peas if to be sent by Mail add 8c per pint or 15c per quart to catalogue prices.

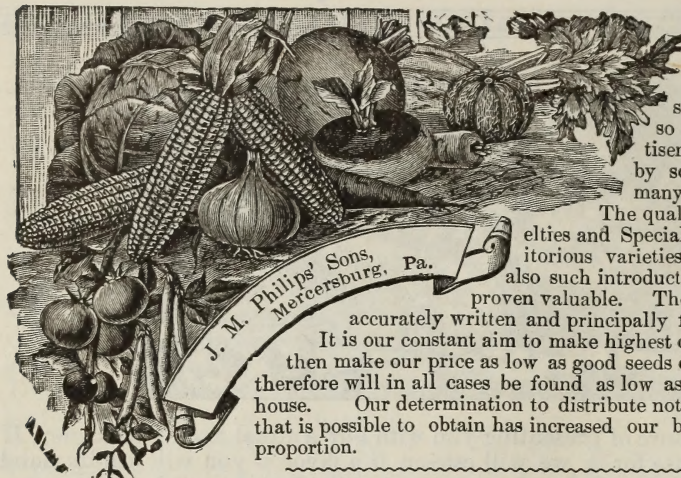
Special Discount. 25c worth of Seeds to each Dollars worth of Vegetable and Flower Seeds by the pack ounce one-fourth pound and pound. Beans Peas Potatoes and Field Seed no discount by the peck and bushel. Books for premiums may be selected.

How to Order. Be very careful to always sign your name, Post-Office, County and State on each and every letter sent to us. Cash must always be sent with order. Money can be sent safely either by post-office order, bank draft, express or registered letter. We accept two cent postage-stamps the same as cash.  All orders must be addressed to.

J. M. Philips' Sons.

Philips' List

Standard Vegetable and Flower Seeds.



J. M. Philips' Sons,
Mercersburg, Pa.

Our aim is to offer the very best varieties of seeds known; well tested and superior sorts that will be satisfactory to the buyer, and so to become a standing advertisement for us. Our success by so doing is attested by our many friends all over the union.

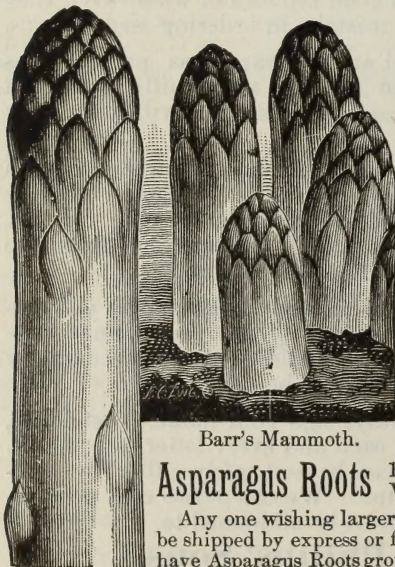
The quality and permanency of Novelties and Specialties of all leading and meritorious varieties are herein described, and also such introductions of late years as have proven valuable. The description here given are

accurately written and principally from our own experience. It is our constant aim to make highest quality a first consideration, then make our price as low as good seeds can be sold. Our prices, therefore will in all cases be found as low as those of any other reliable house. Our determination to distribute nothing but the very best seed that is possible to obtain has increased our business to its present large proportion.

Seeds Post-paid by mail. Please bear in mind that our prices in the following list include prepayment of postage by us on all seeds ordered by the packet, ounce or pound, unless otherwise noted.

Purchaser not wishing Books as premiums may select Twenty-five cents worth of Seed additional for each dollar sent us.

Notice: Beans and Peas add 8c per pint or 15c per quart to Catalogue rates when the seed is to be sent by mail, or we shall be obliged to send them by Express or reduce quantities to make up the deficiency.



Barr's Mammoth.

ASPARAGUS. Sow in March or April, in rows 1 foot apart, and keep clean by frequent hoeing. When two years old transplant into permanent beds, which should be well and deeply manured and trenched to the depth of 2 feet. Set the plants (in rows) from 3 to 4 feet apart, and 2 feet apart in the rows, spreading the roots, covering; from 6 to 8 inches. On the approach of winter cover with manure or compost, fork the beds early in spring and apply a dressing of salt.

Conover's Colossal. The standard variety. The shoots are of the largest size; very productive and of the best quality. Pkt. 5c, oz. 10c, lb. 50c.

Barr's Mammoth. The largest and most productive in cultivation. With proper care and treatment it will attain nearly twice the size of any other variety. The stalks retain their thickness to the top of the shoots and have close round heads. It is remarkably tender and succulent, of exquisite flavor and will in a single day make shoots fit for market. Pkt. 5c, oz. 10c, lb. 60c.

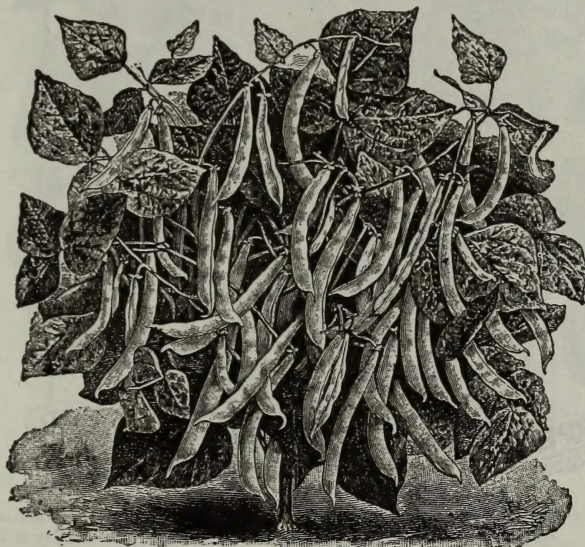
Asparagus Roots 1 year old, 75c per 100. Roots 2 years old, \$1.00 per 100. Varieties: Barr's Mammoth, Palmeto, Conover's Colossal.

Any one wishing larger quantities write for special prices. Asparagus Boots will be shipped by express or freight, purchaser to pay charges. Send order early, as we have Asparagus Roots grown by special growers, and are often sold out early in season.

BEANS.

The many varieties of Beans, the following list comprises the very best, all of our stock which is extra choice, grown from stock seed carefully selected and improved by continued intelligent selection. All the varieties of this class are tender, and will not bear cold. Plant about the middle of April, if the ground is warm and season favorable, plant at intervals throughout the season for succession, finishing about the 15th of August. The best mode of culture is in rows 2 feet apart, the beans 3 inches apart and 2 inches deep in the row. 1 quart of Dwarf Beans will plant in drills 3 to 4 Hundred feet.

DWARF or BUSH GREEN PODDED VARIETIES.



IMPROVED EARLY RED VALENTINE.

Horticultural Dwarf. Large, late and productive, pods showy, great favorite in New England; fine shelled variety. Pkt. 10c, pint 15c, quart 25c.

Low's Champion. Very productive; pods flat, of finest flavor; a tender and most excellent shell Bean. Pkt. 10c, pint 15c, quart 25c.

Imp. Early Red Valentine.

A decided improvement on the old favorite, the Early Red Valentine. It is ten days earlier and much more prolific, and retains in the greatest perfection all the excellent points that have made the Early Red Valentine so popular. The pods are remarkably fleshy and tender, remains a long time on the plant without becoming hard. Pkt. 10c, pint 15c, quart 25c.

Giant Stringless Valentine.

Without exception the finest Valentine Bean ever introduced, and after many tests it has proven to be superior and even earlier than the well known Early Round Podded Red Valentine. The pods, produced abundantly, are considerably larger, round, full, fleshy and brittle, being entirely stringless when beans are fully grown. It is a strong grower, the foliage being exceedingly robust and healthy. It is one of the best dwarf green podded Beans. Pkt. 10c



Henderson's Bush Lima.

It is a true Bush Lima and comes in from two to three weeks ahead of any other climbing or Bush Limas, thus supplying a delicious vegetable at a time when the garden is somewhat bare, filling in, as it does, the gap between Peas and Pole Limas. The small size of Henderson's Bush Lima, which at first was urged as an objection to it, has proved one of the strongest points in its favor, as many prefer small beans, it is enormously productive, bearing continuously throughout the summer until killed by the frost. Pkt. 10c, pint 15c, quart 25c.

Burpee's Bush Lima. A true bush form of the large white Lima. Plants uniformly dwarf, growing only 18 to 20 inches high. Very productive, with pods as large as those of the Pole Limas, containing four to six large flat beans of excellent quality. With this variety a supply of fine Limas can be grown as cheaply and with as little trouble as the ordinary dwarf or snap beans. Pkt. 10c, pint 15c, quart 25c.



BURPEE'S **NEW STRINGLESS** **GREEN POD**
W. BURPEE & CO. NEW YORK

The New Stringless Green Pod is one of the most popular bush beans in America. In point of earliness it ranks among the first; in quality it is excelled by none, and in bearing ability it stands without a rival. It is unquestionably the greatest green pod bean to date. The pods are full, fleshy, and nearly straight, and are borne in abundance through a long season, beginning early. They are $5\frac{1}{2}$ to $6\frac{1}{2}$ inches in length, light green in color, very tender, and of highest and best flavor. They remain long in an edible condition, and the plants or bush bears continuously for weeks. This bean is unexcelled for home use, and will be found very profitable for market; it has already taken great hold with market gardeners, on account of its heavy cropping ability. Pkt. 10c, pt. 15c, qt. 25c, peck \$1.25.

Longfellow (Green-Podded) Bush Bean.

This extra early variety, although comparatively new, we have yet to hear anything but praise about its fine quality and other merits; it is in fact an ideal snap bean, a prolific producer of perfectly round, straight, solid fleshy pods averaging $6\frac{1}{2}$ inches long, wonderfully tender and brittle, without a trace of tough interlining, and having no strings when broken, except when the pods are quite old. The flavor is most delicious, captivating the most critical, while the delicate green color of the pods is retained after cooking, adding to its attraction when served. The plants are of robust, compact habit, unexcelled in bearing qualities, maturing the crop very regularly. Pkt. 10 cents, pint 15c, quart 25c.

EXTRA EARLY REFUGEE. Has pods of a beautiful, attractive light green color, round, tender and of a luscious flavor. It will be ready for market in 29 days from day of planting. It has always commanded tip-top prices and is given the preference by the buyers who have learned to know of its superior eating qualities. Pkt. 10c, pint 15c, quart 25c, peck \$1.25.

LONGFELLOW.

Long Yellow Six Weeks. A very prolific and excellent variety. Beans kidney-shaped and large; color yellowish drab; pods long, flat and well filled. Pkt. 10c. pint 15c, quart 25c.

China Red Eyed. An old popular, early variety; excellent both for string and shelled beans, green or dry; seeds white with a bright red eyes. Pkt. 10c, pint 15c, quart 25c.



BOUNTIFUL STRINGLESS GREEN PODDED BUSH

**Bountiful
Stringless
Bush Bean**

Absolutely stringless. Extra early. Tender. Large podded and a bountiful yield. An improved long yellow six weeks, being earlier, hardier and producing better and larger pods and more of them. It is a very desirable new bean, the pods being absolutely stringless, tender, of finest flavor and good appearance. It is equally valuable for the gardner and the home garden. Price, pkt. 10c; pint, 15c; quart 25c;

Royal Dwarf White Kidney. An excellent shell bean for use as a green bean in succotash, and one of the best for winter use; unsurpassed for baked beans. Beans long, large, white, kidney, shaped. Pkt. 10c, quart 20c.

Large White Marrow. A large round white bean used for soups and baked beans. Good variety for growing in field. Pkt. 10c, quart 20c.

BEANS, WAX PODDED SORTS.

PENCIL POD WAX. Particularly handsome this new wax podded bean also medium early, hardy, very prolific and of excellent quality. Pods are long, straight, round like a pencil fleshy and of a bright yellow color. Tender, brittle and absolutely stringless, they are produced during a long season. Seed long; round, rather small; color black. Pkt. 10c, pint 15c, quart 25c.

CURRIE'S RUST-PROOF WAX. For earliness and freedom from rust it is at the head of the Wax Bean family. Habit upright and robust, holding the pods well from the ground. Pods are long, straight, flat and very meaty, of a beautiful golden color. Pkt. 10c, pint 15c,

GOLDEN-EYED WAX. An early, vigorous variety, free from rust and blight, bearing abundantly beautiful, tender, large, flat, waxy-golden pods. It grows 1½ feet high, holding the pods well off the ground. Pkt. 10c, pint 15c, quart 25c.

LEOPARD WAX.

A new wax variety bearing long straight pods of a handsome clear yellow color. The stalks are vigorous standing well up from the ground, the foliage affording good protection for the pods. Tested with other varieties of wax beans it shows a marked advance in productiveness, while in Earliness it is not exceeded by none. A distinguishing feature of this Bean is the peculiar marking which is entirely distinct from all others. The Eye Side is purplish black more or less extended toward ends, the remainder white, dotted with dark Leopard like spots. Pkt. 10c, pint 15c, quart 25c.



Pencil Pod Wax.

Improved Early Golden Wax

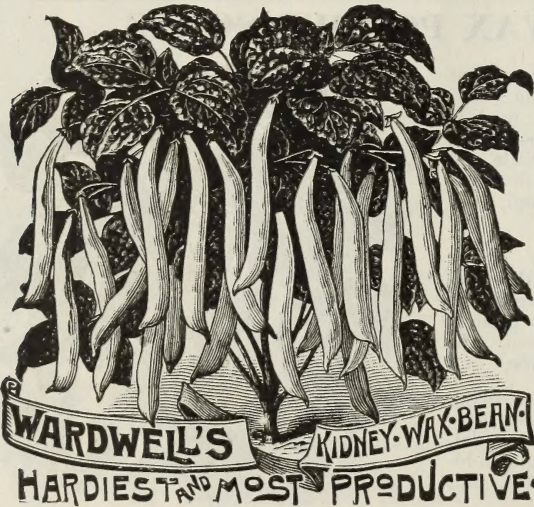
A strong-growing, distinct variety, at least a week earlier than the Black Wax. The pods are long, brittle and entirely stringless. As a snap bean it perhaps excels all others in tenderness and richness of flavor. Seeds when ripe, purple and white. It is very prolific and one of the earliest wax-podded dwarf beans grown. Pkt. 10c, pint 15c, quart 25c.



IMPROVED EARLY GOLDEN WAX

DAVIS WHITE WAX. The vine is rustless and very vigorous, bearing next its center many clusters of handsome pods. The pods are long, often growing 7 or 8 inches in length, are straight and of a clear waxy white; in quality they are very brittle, crisp and tender. It is one of the best Snap Beans for shipping; and one of the best for canning. The dry Beans are kidney shaped, clear white, and excellent for baking. Pkt. 10c, pint 15c, quart 25c, peck \$1 50.

SCARLET FLAGEOLET WAX. This dwarf wax Bean is a very popular variety among the market gardeners. Pods long, flat, tender, of fine flavor, and succulent; very productive: as early as the Golden Wax. Pkt. 10c, pint 15c, quart 25c.



Wardwell's Dwarf Kidney Wax Bean.

This variety both pod and plant are more robust than the usual wax Beans. Stalks erect, hardy and productive. The shape of the Bean is distinct from all other wax varieties, being a perfect kidney-shaped, white, with dark marking at the eye. It produces a heavy crop of purly wax pods, which are very long, flat and not liable to rust or blister. For a snap bean it is unexcelled, and a good winter shelled bean; as early as any of the wax varieties. Pkt. 10c, pint 15c, qt. 25c.

Grenell's Rust-Proof Golden Wax.

This improved strain is destined to supersede the well-known Golden Wax, which it has greatly out-yielded in repeated comparative trials. The straight, handsome pods are thicker through, superior in quality, and are claimed by the originator to be absolutely rust-proof. Pkt. 10c, pint 15c, qt. 25c.

White Wax. One of the best for family use; stringless, waxy yellow pods, very brittle, tender and of delicious flavor. Pkt. 10c, pint 15c, qt. 25c.

German Black Wax. When ripe, pods are yellow averaging 7 inches in length, very tender and of the best quality. Seeds glossy black when ripe. Pkt. 10c, pint 15c, qt. 25c.

BEANS, Pole or Running.

Golden Cluster Wax.

This new variety is distinct in seed, color and habit of growth. The pods retain their tenderness and plumpness long after the beans have attained a large size, so that there is only a few days after they cease to be fit for string beans, they are fit to shell. The pods are of a beautiful waxy yellow, from 6 to 8 inches long, born in clusters of four to six. Commencing ten days after the Dwarf Golden Wax, it continues to bear profusely until frost sets in. Pkt. 10c, pint 15c, qt. 25c.

Philips' American Sickle.

The American Sickle Bean we regard far better than any other Pole Bean we regard far better than those who have tried it, to be superior to all other green podded Pole Beans. It is fit for the table by Aug. 1, which is at least ten days earlier than any other sort. Vines vigorous, climbing well and very productive, handsome silvery green pods 6 to 9 inches long hanging in great clusters from top to bottom of the pole. The handsome long pods are almost entirely stringless, and perfect in shape, very fleshy and are of a superb quality. The American Sickle will become one of the leading Pole Beans on account of the pods retaining their tenderness long after the



AMERICAN SICKLE.

beans have attained a large size; is also an excellent green shelled bean. Pkt. 10c, pint 15c, qt. 25c.

Kentucky Wonder or Homestead. Vine vigorous, climbing well and very productive, bearing its pods in large clusters; blossoms white; pods green, very long, often reaching nine or ten inches, nearly round when young, and very crisp, becoming very irregular and spongy as the bean ripens. Dry beans long, oval, dun-colored. An early and very prolific sort, with showy pods which are most excellent for snaps. It is sometimes catalogued as being the same as Southern Prolific, but this is an error, as the latter is two weeks later and has shorter pods. Pkt. 10c, pt. 15c.

White Sickle Pole. Similar to Kentucky Wonder except that the dry beans are white, more slender and curved and the pods are a little more slender than those of that variety. It has the advantage of a white seed and so does not discolor in cooking. It is certainly a splendid variety and is grown with great success in the south, where many think it the best pole bean in cultivation. Pkt. 10c, pint 15c, quart 25c.

Lazy Wife. One of the best for snaps of the later green podded pole beans. The numerous pods, borne in large clusters, are five to seven inches long, broad, thick, fleshy and entirely stringless. When young they have a rich buttery flavor which is retained until they are nearly ripe. The dry beans are excellent for winter use. Seed white. Pkt. 10c, pint 15c, quart 25c.



CLUSTER WAX.

Golden Andalusia Wax POLE BEAN.

This new bean has created a decided sensation wherever grown. The pods are five to six inches long, broad, thick, very fleshy, and entirely stringless, far surpassing all other varieties in this respect, and retaining these important qualities until almost ripe. They are of exceedingly rich, buttery, and fine flavor. The vines cling well to the poles, a very important feature, as the weight of a vine filled with such a mass of large pods is very great. They commence bearing in great abundance when the vines are quite young, and continue to bear profusely the entire season. The beans when dry are round, pure white in color, and also make a fine shell or winter bean. Pkt. 10 cts, pint 15c, quart 25 cents.



NEW GOLDEN ANDALUSIA WAX, POLE BEAN.

White Dutch Case Knife. One of the earliest and the most prolific sorts, having long flat pods with white seeds, which good green or dry. Pkt. 10c, pint 15c.

Horticultural, or Speckled Cranberry. Vines moderately vigorous, with large, light colored leaves; pods short, broad, pale green, but becoming streaked with bright red; beans large, ovate, flesh colored, splashed and spotted with wine-red and of the highest quality either green or dry. Pkt. 10c, pint 15c, quart 25c.

Large White Lima. With nearly every one, the seeds either green or ripe, of this variety are considered the most tender and delicious of all the bean family and it is therefore universally grown for market and family use, the ripe seeds are of a flattish kidney shape, and have a dull white color. Pkt. 10c, pint 15c.

King of Garden Lima. Out-rivals all others Pole Lima Beans. Its vine has a luxurious growth, which abounds with enormous pods, often from 5 to 8 inches long, and filled frequently with 5 or 6 perfect Beans to pod. These Beans, in their green state, are quite large and luscious, but when dry shrink to their ordinary size. It is large, early, prolific and unequalled in quality. Pkt. 10c, pt. 15c qt. 25c.

Ford's Mammoth Lima. The pods of this most desirable Bean grow to an average length of 8 inches and are produced in great clusters. The pods have from 5 to 7 Beans of excellent quality, both green and dry. It might be called the *ever-bearer*, as the pods are produced early at the bottom of the pole, and are continuously produced until the frost destroys the vines. Pkt. 10c, pt. 15c, qt. 25c.

Scarlet Runner. Plants are of strong quick growth, bearing large sprays of bright scarlet pea-like flowers. When fully ripened the dry beans are of bright scarlet, heavily blotched with purple. Pkt. 10c, pint 15c, quart 25c.

Beet.

Sow early in the spring as the ground can be worked, and every two weeks after for succession, up to first week of July. For general crop sow about the middle of May. The soil should be light sandy loam, well enriched with stable manure, plowed and harrowed until very fine.

Sow in drills 12 to 15 inches apart, and when well up, thin out from 4 to 6 inches in the rows.

1 Ounce seed will sow 50 to 100 feet when drilled, 4 to 5 pounds per acre.

Early Eclipse. The Eclipse is remarkable, not only for its wonderful rapid growth, but also for the smallness of top and extra fine quality. It is early as the Egyptian, and of better quality. The roots grow perfectly smooth, of round shape, intense blood-red skin, flesh fine grained and sweet. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Early Bassono. Roots flat, turnip shaped, flesh pale red, circled with bright rose color. A few days later than the Egyptian; grows to a good size on light soil, very tender and juicy. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 55c.

Crosby's Egyptian. An improved strain of the Egyptian Beet, specially recommended as extra early sort. It is much thicker than the original strain, of better color and quality, besides being smoother. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c.

Extra Early Dirigo. An improved extra early sort. Remarkable for its early growth, extreme smallness of top and extra fine quality. Perfectly smooth and round; skin and flesh intense red; very fine grained and sweet. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Detroit Dark-Red. One of the best red turnip-shaped varieties. Has small, upright tops; splendid smooth shape; skin is dark blood-red; flesh, deep, bright red; very crisp, tender and sweet; matures early, and lasts a long time. Exceedingly uniform in shape. A grand canning sort. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Long Blood Red. The best strain of long dark red beet in the market and especially desirable for fall and winter use. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 40c.



Early Dark Red Egyptian. A standard sort, being from 8 to 12 days earlier than the Blood Turnip. The roots are large in size and of a rich deep crimson color. From the smallness of the tops of the Egyptian at least one-fourth more can be grown on the same space of ground than any other variety. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 45c.

Early Blood Turnip. It is the most popular, but ten days later than the above variety, flesh deep blood-red, very sweet and delicate in flavor, and as a market variety, it is superior to all others; it is adapted for either Summer or Winter use. Pkt. 5c, oz. 10c, lb. 45c.

Dewings Imp. Blood Turnip. Fine turnip form, very symmetrical in shape, free from any fibrous roots. Flesh deep blood-red, very tender and sweet; grows uniformly to a good size. Early, and when sown late, desirable for winter. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 45c.

Bastian's Half Long Blood Red. This is an entirely distinct variety, and the best for winter use. The roots are symmetrical, somewhat pear-shaped, smooth and handsome; flesh a rich dark red, crisp and tender, and very sweet, never becoming woody, and retaining its excellent quality longer than other sorts. Pkt. 5c, oz. 10c, lb. 60c.

Swiss Chard. Cultivated for its leaves. The mid-ribs are stewed and served as Asparagus, other portions of the leaf used for greens same as Spinach. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c.

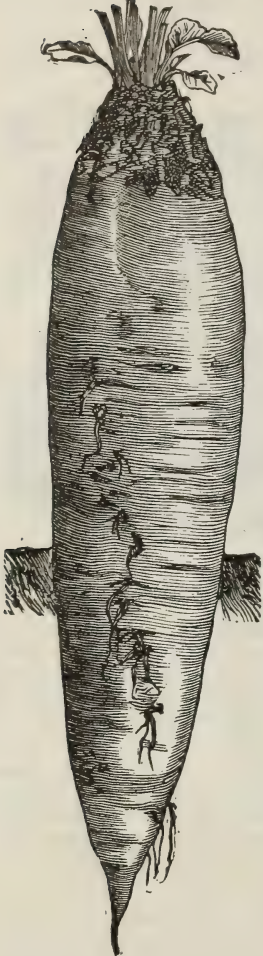
To Market Gardeners

Buying large amounts of SEEDS, send us a list of what you want and ask for special prices, to market gardeners that buy large quantities.

SUGAR BEETS AND MANGEL WURZELS.

Grown for Feeding Stock.

The value of these for feeding stock cannot be over-estimated. The results from their use are wonderful, as it is clearly shown in the improved health and condition of animals, the increased yield of milk in cows, and the great saving in hay. They can be raised at a very trifling cost, and selected seed will yield immense crops per acre. Five to six pounds of seed required per acre.



PRIZE LONG RED.

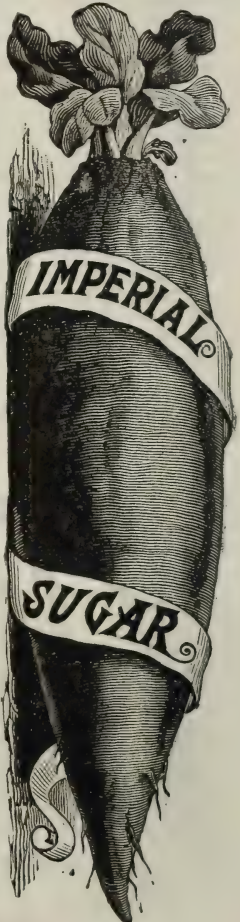
This is the most popular and best sugar beet for feeding cows, sheep, or swine. This beet will yield as much as most mangels, and contains eight per cent of sugar. Has yielded thirty to forty tons per acre, at a cost of five cents per bushel. The beets grow to a large size, and are even more perfect in shape than shown in the illustration; very free from side roots. $\frac{1}{4}$ lb. 15c, lb. 45c.

Mammoth Prize Long Red. The heaviest cropping and best long Mangel. This mammoth variety grows to an immense size, single roots weighing twenty to thirty pounds each, and always of a very fine texture and good quality. It is remarkable for the broad shoulder and massive shape of the root, by which a great weight is obtained without coarseness. In England it has produced from sixty to seventy-five tons of roots per acre. $\frac{1}{4}$ lb. 15c, lb. 40c, by express 2 lbs. and upward at 25c per pound.

Golden Tankard. Tops comparatively small, roots large; flesh yellow zoned with white. It is worthy of growing for stock on every farm. $\frac{1}{4}$ lb. 15c, lb. 45c, by express 3 lbs. and upward at 35c per pound.

French White Sugar. This grows to a large size, part above ground; roots medium length, white, leaves green; considerably grown in this country for cattle feeding, also extensively cultivated for sugar manufacturers. $\frac{1}{4}$ lb. 15c, lb. 45c.

Lane's Imperial. (Sugar Beet.)



KALE, or BORECOLE.

This variety of Cabbage tribe known as early greens, or Kale. Sow the seed in spring, and transplant in June; the leaves are fit for use soon as they get a touch of frost. To preserve them during the early winter, treat as Cabbage; the seed can also be sown in September, transplant like Cabbage; and they will continue growing all winter.

Dwarf German Greens. (*Curled Scotch Kale.*) This is more hardy than Cabbage, makes excellent greens for winter and spring use. The leaves are curly, bright green, very tender and delicate in flavor, and will remain any place where the temperature does not fall below zero. It is most tender after being bitten by a sharp frost. Pkt. 5c, oz. 15c.

Best American Grown Cabbage Seed.

There is no vegetable which is more universally cultivated than the Cabbage. It is found in the poorest and smallest garden and it responds so readily to better care, that it claims a place in the finest garden, and the attention of the most skilled gardeners. Sow the early sorts in autumn and protect by a cold-frame during the winter, transplant early in spring, or sow seed in hot-bed during February or March, and transplant middle of April; or sow in the open ground, as early in the Spring as the ground can be worked. Sow for late crop in April or May. They should be sown in drills 4 to 6 inches apart. When plants are 6 inches high transplant into richly manured ground, the early kinds 2 feet apart; the later kinds for winter use, 3 feet apart. The ground should be deeply loosened, worked thoroughly to grow large heads. 1 Ounce of Seed will sow 40 square feet of ground and will produce from 2000 to 3000 plants. Our 5c pack will produce 400 to 500 plants.



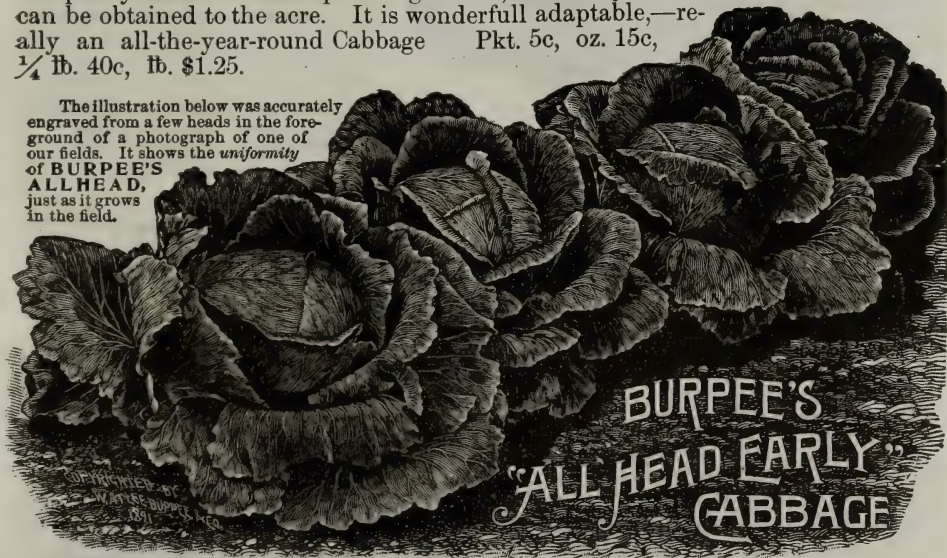
EARLY JERSEY WAKEFIELD,

Early Jersey Wakefield. The most popular early Cabbage on the market today. 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 or in cold frames. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c.

Extra Early Express. The earliest of all cabbages. While not as large as the Early Jersey Wakefield it is several days earlier, and for a first early variety it cannot be excelled. It resembles the Etampese in character and appearance, having solid, compact heads of conical form, of a yellowish green color. Very dwarf and uniform. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c.

Burpee's Early All-Head. This is the earliest of all large cabbages, and fully one third larger than any other early summer Cabbage. The deep, flat heads are remarkably solid, and the most uniform in color, shape and size of any early variety yet known. As tenderness is the result of rapid growth, it surpasses all others in this respect. The heads grow so compactly and free from spreading leaves, that fully one thousand more heads can be obtained to the acre. It is wonderfully adaptable,—really an all-the-year-round Cabbage. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

The illustration below was accurately engraved from a few heads in the foreground of a photograph of one of our fields. It shows the uniformity of BURPEE'S ALL HEAD, just as it grows in the field.



C. L. ALLEN, the well-known writer and Cabbage grower of Queens County, N. Y., wrote us after reading our description:—"I would say that in all my experience in the cultivation of Cabbage, I have never seen a variety that possessed so many good qualities as this, neither have I seen a field of Cabbage that contained so few objectionable plants as the one being grown for you. Your claims for Burpee's ALL HEAD Early Cabbage seem very high, but after a careful inspection of the crop I cannot question one of the points you claim."

Early Winningstadt. This has become one of the most popular varieties; there is no other early sort which heads with greater certainty, or more solid; the heads are of good size, cone form, broad at the base and twisted at the top; to those who have never tried this variety, we say try it by all means, plant it. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c.

Earliest Etampes. Excepting only the New Express, this is earlier than any other Cabbage; the heads are oblong, rounded at the top, very solid and firm, while it seldom fails to head; medium size, and of very fine quality. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Early Dwarf Flat Dutch. Heads medium size, solid and flat on the top; grows low on the stump, and is of good flavor. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Henderson's Early Summer. Heads a few days later than the Jersey Wakefield, but much larger. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c.



EARLY WINNINGSTADT.



HENDERSON'S EARLY SUCCESSION

Henderson's Early Succession.

It has been several years since this variety was first offered, and since that time it has been thoroughly and critically tested in all sections of the country, and pronounced by all to be the finest second early Cabbage yet introduced. The Succession is about one week later than the Early Summer, but is of larger size. It is so finely bred that in a field of ten acres every head was fit for exhibition. Its uniform size, solidity and sure heading qualities make it the best Cabbage. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c.

Red Dutch. This sort is principally used for pickling, and is sometimes sliced in salads; it is an excellent dish when boiled; the heads are of medium size, very solid, heart-shaped, and of red purplish color. The darker the color and the more thick and fleshy the leaves, the more valuable. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c.

PHILIPS' Premium Flat Dutch.

One of the oldest varieties in existence, and more extensively grown for late or main winter crop than any other sort. Heads very large, solid and broad, with flat tops, of fine flavor and quality; very short stems and sure to head. With good cultivation ninety five per cent will make heads for market. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.25.

Large Late Drumhead. This is a large fall and winter variety, with flat heads; very compact and of lightish green, quality good. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 30c, lb. \$1.10.

Stone Mason. An improved variety of the Drumhead; heads flat and solid, stems short and small, quality sweet and rich; a profitable market sort. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.25.



PREMIUM FLAT DUTCH

Philips' Select Short Stemmed Late Flat Dutch Cabbage.



In this new strain of late Cabbage, we believe that we have combined every good quality essential to perfection. The Short Stemmed Late Flat Dutch Cabbage has long been the want of every gardener, which we have procured; it is the result of careful selection of heads with extremely short stump to obtain this strain, and can be recommended. A low growing variety; heads large, bluish green, round, very solid, flat on top, of fine flavor and very tender. Ninety five out of a hundred will make large heads. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.50.

The Houser Cabbage.

It is a large Cabbage, being two weeks later than any strain of the Flat Dutch type. The Houser Cabbage is very solid with a small heart and fine grained, compact like the Danish that never cracks on the top or side of head. It grows to a large size of round head free from loose leaves, a sure heading variety. One of the best keeping varieties for winter that you can plant. It is the tenderest and finest Cabbage for its size, being entirely free from that coarse rib always found in late sorts. Pkt. 5c, oz. 25c.

Fottler's Improved Brunswick. This is the second early large Drumhead Cabbage. It heads shortly after the Early Flat Dutch, and is most excellent for summer and fall use. Producing large, solid heads, with a very short stem, frequently weighing twenty pounds. If plants are set out late it makes one of the very best winter Cabbages. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.25.

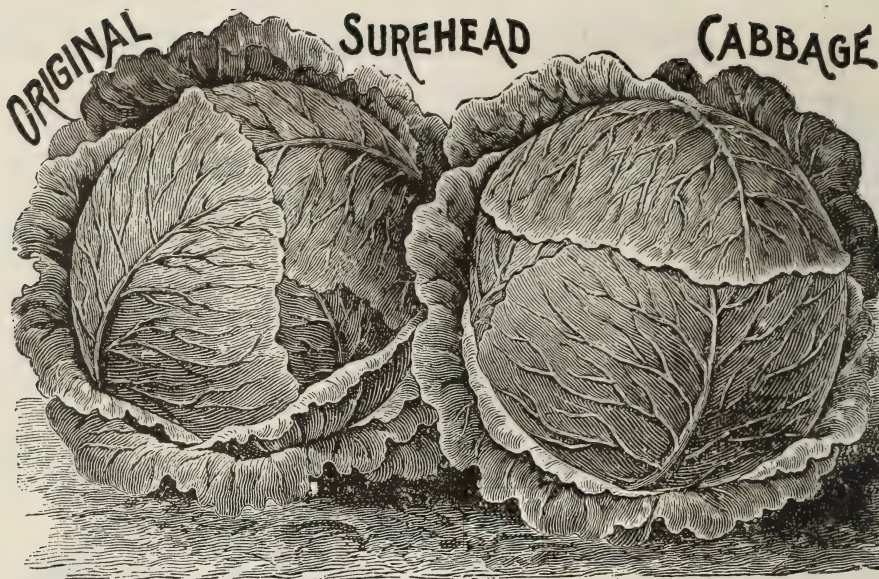


Autumn King Cabbage.

This peerless variety was introduced several years ago, and we will say without hesitation that it is one of the finest late Cabbage in this country to-day, entirely distinct, and one of the best keepers; it produces enormous, solid heads of that dark shade of green that is most desirable in a Cabbage, the interior creamy white, compact, crisp and has such small outer leaves that it can be planted much closer together than the ordinary sorts. A distinct feature of the



AUTUMN KING is the peculiarly crimped leaves, which add to its appearance. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.



ORIGINAL SUREHEAD CABBAGE.

This famous Cabbage, first named and introduced twenty three years ago, has steadily gained in popular favor. Hardly any other variety can approach the Surehead in fine quality and uniform reliability in forming solid, firm heads, of good size, even in the most unfavorable seasons. Produces large, round flattened heads, of the Flat Dutch type, and is remarkable for its certainty to head. It is all head, and sure to head, even where other varieties fail. The heads are remarkably uniform, very hard, firm and fine texture, and ordinarily weigh from ten to fifteen pounds each. It is very sweet flavored, has scarcely any loose leaves, keeps well during the winter, it is good for shipping and is just the variety and quality to suit market gardeners, farmers and lovers of good Cabbage. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

CABBAGE, Danish Ball Head.

This most excellent variety of Cabbage, coming from Denmark, has grown very rapidly into favor with both market and private gardeners. It is a large, round, solid heading, medium early variety; in quality it is one of the best, being very white, crisp and tender; a sure header, having few loose leaves, consequently can be planted very close together. Although a medium early, can also be grown for a fall and winter crop, being one of the best keepers, it is largely grown for market on account of its fine keeping qualities. For planting late for fall and winter use this variety has few equals, as it seems able to withstand the drought and succeed in any poor soil better than most of the American sorts. Our stock is imported direct from the Danish Growers and is genuine. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.





DRUMHEAD SAVOY.

Improved American Savoy. Closely resembling the Cauliflower in delicacy and delicious flavor. The best of all the Savoys for general market or home use. It has a short stump, grows to a large size, is compact, solid, and a sure header. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c.

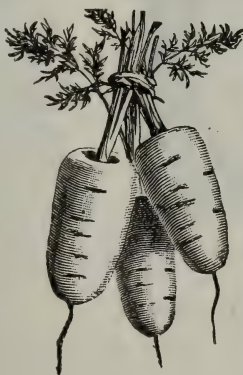
Large Drumhead Savoy, Very tender and excellent for winter. The Savoys approach nearer the delicious richness of the Cauliflower than any other Cabbage; heads large and finely curled; short stalks and compact grower, an excellent keeper. Pkt. 5c, oz. 15, $\frac{1}{4}$ lb. 40c.



St. Vallery or New Intermediate.

St. Vallery or Intermediate.

It grows to a uniform large size, intermediate in shape between the Half-long and Long-Orange. The roots are straight and smooth, broad at the top, measuring about two and one-half inches across, with a length of about ten inches. The color is a rich orange red. In table quality it is faultless. It will be found a most excellent variety for either garden or field culture. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25



Early Scarlet Horn. This Early Scarlet Horn has always been the general favorite for an early crop; it is of bright orange color, of delicate flavor and will grow in less depth of soil than any other variety, owing to the shortness of the roots. Pkt. 5c, oz. 10c,

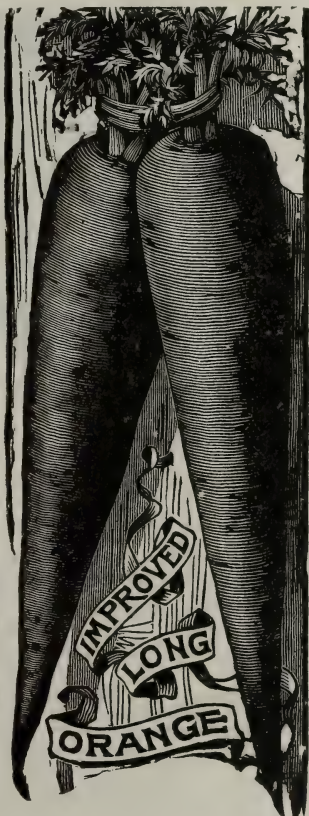
Improved Long Orange. This is a well known standard sort. Roots long and thick near the crown, tapering to a point; color deep orange, suitable for the table and main field crop. It requires deep soil. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c.

Carrot.

Sow early as the ground can be worked for early crop for main crop sow from the middle of May till the last of June. Rows 10 inches apart, 7 to 9 inches in the row. Soil light, sandy loam, richly manured and deeply dug.

Danvers Half-long Orange.

A variety intermediate between the Short Orange and Long Orange. The root is of a dark orange color and grows very smooth and handsome. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c.



Cauliflower.

For Spring and Summer crops, sow the early sorts the last of winter in hot-bed, and transplant into open air soon as the ground can be worked. For the late, or autumn crop, sow the late kinds about the middle of spring, and transplant like winter Cabbage. In dry weather, water freely, and as they advance in growth, hoe deep, and draw earth to the plants. After they begin to head, they should be watered every other day, and the leaves gathered and pinned over the heads to protect them from the sun and to keep them white.

Early Snowball. Highly esteemed by market gardeners for its earliness and reliability as a sure header. Tested with all other varieties, it has proven to be as early, if not earlier than any other sort. Its hardiness, sure heading and compact growth, make it one of the best for forcing or wintering over. Of dwarf habit, with very short outer leaves, allowing it to be planted close together. Pkt. 5c, $\frac{1}{4}$ oz. 40c, $\frac{1}{2}$ oz. 75c, oz. \$1.25.



EARLY DWARF ERFURT.



LE NORMAND'S SHORT STEMMED.

Extra Early Paris. Heads large, white, compact and solid; of excellent flavor, tender and delicious. Leaves large, stalks short. Being so early it must always be a favorite, especially with market gardeners. Pkt. 5c, oz. 75c.

Early Dwarf Erfurt. An extra early sort, much prized in Germany for early market use. Scarcely a plant fails to produce a good head. It is of a dwarf habit, compact growth, short outside leaves, and can be planted 20 inches apart each way. The best for market and family use; it can be relied upon. Pkt. 5c, $\frac{1}{2}$ oz. 50c, oz. 90.

LeNormand's Short Stemmed. A large late variety, with well formed heads of superior quality. Plants hardy, semidwarf, producing many leaves, which protect the close, solid curd, keeping it well protected from the hot sun by the leaves, hardy and stands dry weather. Considered by the French, one of the best sorts. Pkt. 5c, oz. 75c.

CORN SALAD.

Sow in spring in drills one foot apart; it will mature in 6 to 8 weeks. For winter and early spring use, sow in drills in August and September. Cover with straw on the approach of winter.

Large Round Leaved. A small hardy salad, extensively used during the winter and spring months as a substitute for Lettuce; also cooked and served like Spinach. Pkt. 5c, oz. 10c, lb. 60c.



Remember

All our seeds are sent Post-paid, unless otherwise noted. When to be sent by Express or Freight, in quantity, purchaser paying transportation charges; deduct from list price 9c per pound.

Beans and Peas if to be sent by mail add 8c per pint or 15c per quart, if postage is not enclosed, they will be sent by express or reduce quantity.

Celery.

Sow in open ground as soon as it is fit to work, late in March or early in April. Keep clean of weeds, and transplant in June or July. The tops should be shorn off once or twice before transplanting, to insure stocky plants. When from 4 to 6 inches high

transplant into broad, shallow trenches, 3 feet apart and 6 inches in the rows. The soil should be light, highly manured and moist, or near water, as the plants must be freely watered in dry weather. Earthing up should not be begun until the plants are quite well grown, then earth up gradually, keeping the leaf stocks together, so that the soil may not fall into the center of the plant; never earth up in wet weather or when the dew is on the plants.

Dwarf Large Ribbed. This excellent variety is very stocky robust, the whole strength of the vegetation being concentrated into the main plant. The stalks are most vigorous and the ribs grow large and soild, it is perfectly solid, white, of a fine sweet flavor and of extra good keeping quality. Pkt. 5c, oz. 20c.

White Plume. This Celery is valued because, naturally, the stalks and a portion of its inner leaves and hearts are white. By simply tying up the stalks and drawing up a little earth with hoe, the work of blanching is complete. It is ornamental, tender, crisp and of good flavor. Pkt. 5c, oz. 25c.

Boston Market. Favorable for its tenderness, crisp and succulent stems are of a peculiar fine flavor; it is grown almost exclusively by Boston market gardeners. Pkt. 5c, oz. 20c, lb. \$1.75.



HENDERSON'S NEW PINK PLUME.

"Pink Plume."

The most beautiful Celery that ever graced a table.
Absolutely solid and free from stringiness.
The first and the last Celery that is fit to use.
Flavor most delicious.

This new variety is an advance in celeries that merits more than ordinary praise; it is an intermediate between white and red celeries.

"Pink Plume" Celery is a strong, healthy, compact grower, with no tendency to rust; stems very solid and crisp, extra early and a long keeper, remaining, when properly trenched, in perfect condition away into spring. The variegation on the tops does not show quite as early as the "White Plume," but the celery blanches and matures really a little earlier. It is a self-blanching variety in the same sense that "White Plume" and "Golden Self-Blanching" are—that is, it requires but a slight earthing up or banking to prepare this variety for the table. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c.

Henderson's New Rose. Very solid and an excellent keeper. The Red varieties of Celery are generally better flavored than the white. Pkt. 5c, oz. 20c.

CELERY, Paris Golden Yellow Self-Blanching.

This strain of the Golden Self-Blanching is the best that is grown and French origin is becoming more popular every year, and is now one of the most extensively grown sorts. It is not quite so early as White Plume, and it possesses the same Self-Blanching characteristic, and is of heavier and more compact growth, the stalks being thick, crisp and brittle while the hearts are large and solid, all blanching a beautiful waxy yellow; the quality is superb, and tender, flavor rich and delightful.

Special Notice. This seed is grown in France and imported by us, which we consider second to none while there is some advertising to be the introducers of this Golden Self-Blanching in America by having a superior strain and selling it at a high price. We offer you the choicest strain of Golden Self-Blanching seed at following low prices. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 80c, lb. \$3.00.

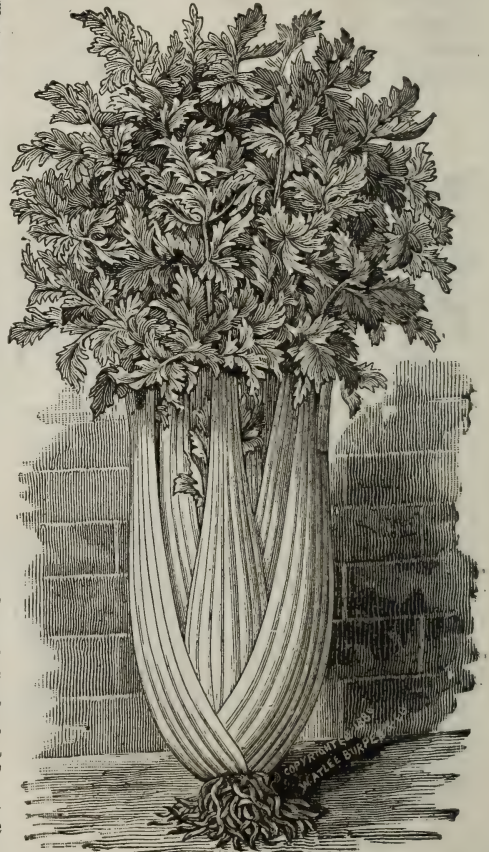
OUR GUARANTEE. 1st. Our Vegetable and Flower Seeds are the best that can be grown. 2nd. They are as true to name as can be grown. 3rd. Our prices are as low as any other reliable seed house and in many cases lower.



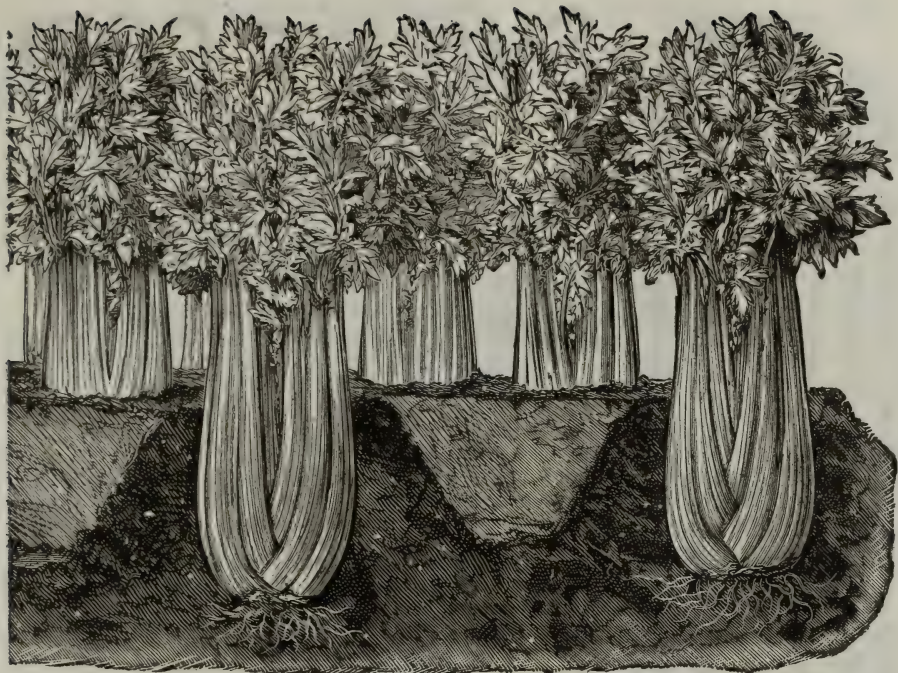
Golden Self-Blanching. A most valuable variety which partakes somewhat of the character of the celebrated "White Plume," in as much as it does not require such high banking up as the ordinary sorts to be fit for the table. It needs simply a slight earthing up. It is of a beautiful waxy golden color, very solid and of a rich nutty flavor. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 65c.

Giant Pascal Celery.

This variety is a selection from the New Golden Self-blanching Celery which has become so popular in the last few years; it partakes of the best qualities of that variety, but it is much larger and a better keeper. It is of a fine nutty flavor, being entirely free from any bitter taste. It grows about two feet high; the stalks are very broad, thick, crisp and entirely stringless. It bleaches with but slight "earthing up," and very quickly, usually in five or six days. Likely to prove a most valuable variety for both second early and mid-winter use. Pkt. 5c, oz. 25c, lb. \$2.00.



GIANT PASCAL.



DWARF GOLDEN HEART CELERY.

Dwarf Golden Heart. A very popular and distinct variety. Its habit of growth it resembles the Half Dwarf White sorts, except that when blanched the hearts, which is large and full, is of a waxy, golden yellow. It is a most striking and showy variety, for either market or private use. It is entirely solid, tender, crisp, of most excellent flavor and keeps well during winter. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb 50c.

Perfection Heartwell.

A fine flavored, crisp and tender variety. The plants are a little taller than Crawford's Half Dwarf and a little later in maturing. The stalks are of medium size, round, very solid, crisp, tender, white and of exceedingly fine and nutty flavor. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.25.

Kalamazoo Broad Ribbed. It is very distinct and handsome, of a beautiful cream-white color throughout, attains a very large size, of quick growth, stiff and close habit, remarkably solid and fine flavored. Ribs are very broad, thickly and closely set, while by reason of its neat growth and showy appearance, it is a specially valuable variety for market. It is also a first-class keeper, remaining fit for use as long as the Golden Dwarf and other good keeping sorts. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50.

Large White Solid. The best strain, of Large White Solid Celery, it attains a very large size, it is of very quick growth, stiff, close habit, of fine flavor, crisp and very tender. Pkt. 5c, oz. 20c.

Celery for Profit.

An Expose of Modern
Methods in Celery Growing.

BY T. GREINER.

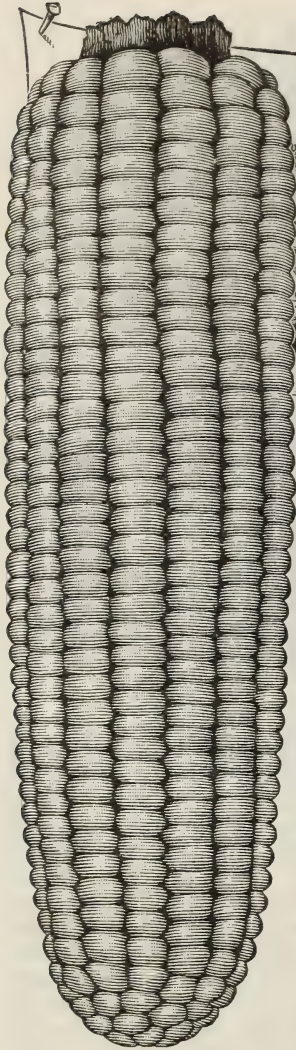
The Celery Industry has very greatly increased, and this delicious vegetable is found on nearly every table. Under the right culture and condition several thousand dollars worth can be raised on a single acre. The newer improved methods of culture are described in this volume,

and is embellished with many helpful and original illustrations. The book is thoroughly complete in every detail. Our space on this page allow us to give but a glimpse of table of contents.

Generalities:—*An Introduction*,—*The New Celery Culture*,—*The Early Celery*,—*Where the Profit Lies*,—*The Irrigation Problem*,—*The Enemies of the Crop*,—*Winter Storage*,—*Marketing Problems*,—*Profit and Loss Account*—*Varieties*, Etc.

Price 25c Postpaid, or Free as Premium with an order for Seeds amounting to \$1.00.

SWEET CORN



CULTURE.—The Sweet or Sugar Corn being liable to rot in cold or wet ground should not be planted until May, or when the ground has become warm, and for a succession plant every two weeks until the last week of July. Give frequent and thorough cultivation.

**One quart plants 200 to 300 hills.
Eight or ten quarts for an acre.**

Extra Early Cory. The ears are even larger and better filled out than the Red Cory, and becomes fit for use a little earlier.

Early Premo. It is said to be a week earlier than the Cory. Stalks about five feet; ears eight to ten rows, large kernels, plump, tender and excellent quality.

Early Sheffield. This new extra early variety is the result of a cross between the Cory and Extra Early Adams, by Dr. Van Fleet, the eminent hybridizer. It combines not only the merits of these two leading early varieties, but is really superior to either. The "Sheffield" can be planted fully as early as the Adams, as the young plants will withstand slight frost. Stalks strong and vigorous, about five feet high.

Early Minnesota. Very early. A decidedly excellent variety; ears fair size and uniform.

Early Champion. This is without a doubt the earliest large corn yet introduced, only a few days later than the well known Early Minnesota.

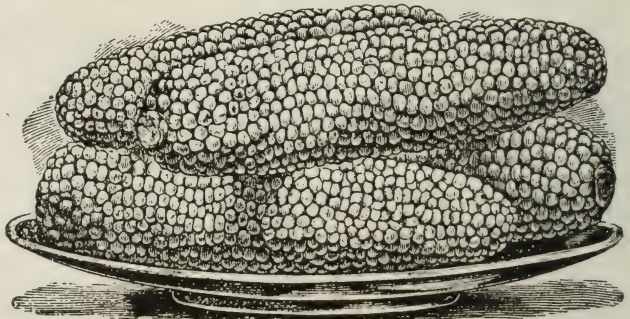
Black Mexican. Very early, produces good sized ears from two to four ears to the stalk and is considered by all who have used it, to be the most sugary of all Corns; when fit for the table is remarkably white, and when ripe the grains are a blue black.

Early Evergreen. In this new variety we have all the good qualities of that old standard, Stowell's Evergreen, with quite an important point in addition, that of earliness. It is about ten days earlier with ears about 7 inches long, rather thick, 12 or more rows of handsome large grains, and equal to it in every respect.

Perry's Hybrid. This is a very popular eastern variety. Stalks about six feet high, bearing two large, 12 to 14 rowed ears which often have a red or pink cob; grains medium sized, cooking very white and tender. Matures a little later than the Minnesota.

Extra Early Adams or Burlington. This is not a true Sweet Corn, but produces ears well filled with tender white grains. It is ready for use about a week or ten days later than the Cory. On account of its hardness it can be planted earlier.

Country Gentleman. The most delicious of all Sweet Corn. The ears, of fair size, are produced in abundance, and less showy than the coarser varieties, but for private family use, where quality is preferred to size, it has no equal. The cob is very small, giving great depth to the kernels. The great merit of Country Gentleman is its fine quality; without a doubt it is the sweetest and most tender of all Sweet Corns.



COUNTRY GENTLEMAN.

Prices for Sweet Corn.
Pack 10c, pint 15c, qt. 25c by mail post paid.
By express; Pint 8c, quart 15c, 2 qts. 28c,
for larger quantities see special prices.

CORN, Kendel's Early Giant.



This variety is earlier than the Early Minnesota and yet the ears grow to a remarkable size, measuring 8 to 10 in. in length with an average of 12 rows to the ear. It has a white cob and pure white kernels, which are very sweet, tender and of splendid eating qualities. Has been grown ready for use in 60 days on sand and 72 days on heavy clay soils. By mail Pkt. 10c, pt. 15c, qt. 25c. By exp's. pt. 8c, qt. 15c.

Russell's Prolific. Only a few days later than the earliest. As early as the Evergreen, kernells very large, pearly white and sweet; ears are ten to twelve rowed, large and plump; stalks strong, bearing two or three ears.

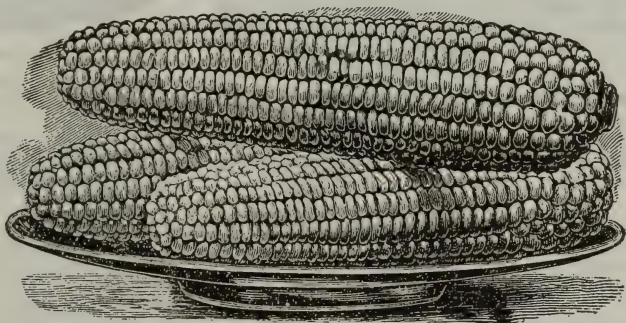
Old Colony. A sweet, tender sort, with large, handsome ears, 10 to 12 rowed. A selection of Evergreen type. It is just as sweet, but about ten days earlier. A desirable sort for market and home use.

Stowell's Evergreen. Now reconized everywhere as a standard variety, both for home and market, and is the general favorite. The ears are of a large size, grains deep, exceptionally tender and sugary, and has the advantage of remaining longer in the green state than any other. Our stock has been carefully grown and selected to avoid the tendency to a shorter grain and deterioration in the evergreen character of this best of all late sorts.

Early Mammoth Sugar. Market Gardener's favorite. Two weeks earlier than the late Mammoth; sweet, delicate flavor, producing a large ear and a small size cob, which fills out to the end perfectly.

Mammoth Late. The largest variety, twelve to sixteen-rowed; cob white, well filled; productive and of fine flavor.

Prices for Sweet Corn. Pack 10c, pint 15c, qt. 25c by mail post paid. By express; pint 8c, qt. 15c, 2 qts. 28c, for larger am'ts see special prices.



STOWELL'S EVERGREEN.

POP CORN, For Boys and Girls.

Winter evenings bring people together for sociability, and a grand corn pop, with its fun, breaks the ice and conduces to general merriment. Why not raise some Pop Corn? It pops best when a year old.

Queen's Golden. The largest of all pop corns. The stalks grows five to six feet high and bears two or three large ears each. It pops perfectly white and a single kernel will expand to nearly an inch in diameter.

Maple Dale Prolific. The most productive pop corn. Ears uniformly large, kernels nearly clear white and smooth. Pops large and tender.

White Rice. A very handsome variety; ears short, kernels long, pointed, and resembles rice; color white, very prolific and popping finely when well dried. By mail, Pkt. 5c, $\frac{1}{2}$ pt. 10c, pint 20c. By express 8c per pound.

Cucumber.

Plant when all danger of frost is over, in well prepared hills four feet apart each way, and when all danger from insects is past, thin out to three or four plants in a hill. A shovel full of manure mixed in a hill before planting will greatly increase the crop. The fruit should be picked frequently to keep the vines productive.

Improved Early White Spine.

One of the most popular varieties both for market and table use. Vines vigorous, fruiting early and abundantly, fruit uniformly straight and handsome, light green with a few white spines, flesh crisp and of very fine flavor. Largely grown for forcing and in the South it is extensively grown for shipping to the Northern markets early in the season. Pkt. 5c, oz. 10c.



IMPROVED EARLY WHITE SPINE.

Early Russian. Earliest in cultivation; hardy, prolific and fine for pickles; unsurpassed for table use. Pkt. 5c, oz. 10c, lb. 69c



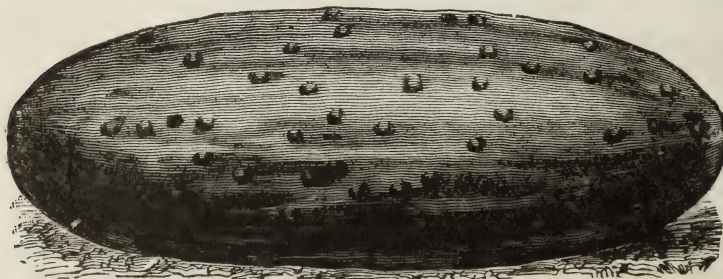
EARLY GREEN CLUSTER.

Early Green Cluster. This is a much esteemed early variety, growing in clusters, and extremely productive. Its color is of bluish green, shading to lighter at the extremities. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Boston Pickling or Green Prolific. A new variety; selected with great care by one of the largest growers of pickling Cucumbers in the country; with good culture 200,000 can be grown on one acre. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c.

ARLINGTON. WHITE SPINE.

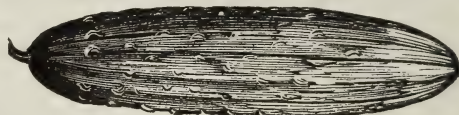
A very fine, prolific early strain, producing great numbers of quite large, smooth fruits. It is equally desirable as a garden or market variety planted in the open ground. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c. lb. 70c.



NICHOL'S MEDIUM GREEN.

there is no better variety. It is exceedingly productive, of medium size and always straight and smooth. The color is dark green, flesh tender and crisp. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Improved Long Green. Produced by selections from the Long Green. Vines vigorous and productive, forming fruit fit for the table nearly early as the shorter sorts; fruit about twelve inches long, firm and crisp, with very few seeds. The young fruit makes one of the best of pickles and when grown to maturity is the best of any for sweet pickles. Pkt. 5c, oz. 10c, lb. 60c.



IMPROVED LONG GREEN.

Gherkin or Burr. A very small, oval-shaped, prickly variety. It is grown exclusively for pickling; it is the smallest of all the varieties and should be picked when very young and tender. The seed is slow to germinate. Pkt. 5c, oz. 15c.

Jersey Pickle. Vines of strong growth and prolific of the comparatively slender fruits. The skin is quite thin; flesh pure white and solid when gathered at the proper time. We offer a fine selection of this favorite pickling variety, Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 70c.

Nichol's Medium Green.

We consider this variety the most valuable sort that has been introduced since the advent of the Green Prolific variety. As a pickle sort Nichol's Medium Green will be found unequaled for early forcing purposes or for slicing,

New Cucumber The "Cumberland."

This variety, of the hardy White Spine type, is a rapid, strong grower and is very prolific in fruit. The pickles differ from all other hardy sorts in being thickly set with fine spines, except on the extreme stem end. During the whole period of growth, from the time they set until full grown, the form is exceptionally straight and symmetrical, making them as choice for a slicing variety as for pickles.

The flesh is firm, very crisp and tender at all stages, contains few seed. The New Cumberland was originated by Messrs Chauncy P. Coy & Son, one of the largest growers of cucumbers in the United States. Mr. Coy writes us: "We consider it the best of our productions, and expect to see it at the head of the list. We honestly believe it to be the best pickling cucumber ever produced." Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

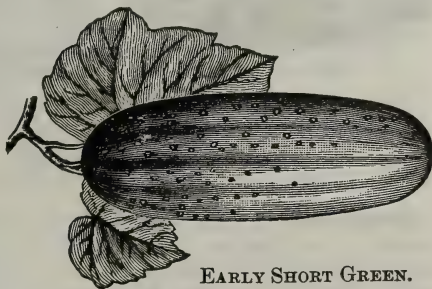


THORBURN'S EVERBEARING.

THORBURN'S EVERBEARING. CUCUMBER.

This is a very unique and highly meritorious pickling variety; meritorious because of its quality, and unique in its ability to go right on bearing, whether the ripened cucumbers are picked or not. It is enormously productive and a general favorite. Fruits of every age and also blossoms may be found on a single vine and bearing continues until the coming frost. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c

Early Short Green, or Early Frame. An excellent sort both for table use and for pickling. Plants very vigorous and productive. Fruit straight, handsome, small at each end, bright green, lighter at the blossom end, with crisp, tender flesh and makes excellent pickles. Comes into use a little later than the Early Cluster and keeps green a long time. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c.



EARLY SHORT GREEN.



EVERGREEN WHITE SPINE.

Evergreen White Spine. To those who have never grown this valuable variety we would state that it differs from the ordinary White Spine in holding its deep green color much longer, before and after being taken from the vines. It is also earlier and more productive. The fruit is of good size, straight, well formed and full at both ends. Tender, crisp and best for slicing. As a shipping and market variety it is superior, its fine appearance always insuring "top notch" market price. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

White Wonder. Finest of the white-skinned varieties, being much more vigorous and hardy in growth than *White Pearl*. The fruits set thickly throughout the length of vines and are uniform in color, size, and shape, averaging eight inches in length by two inches in diameter. Skin thin, of a clear creamy white. Flesh pearly white, crisp, brittle, of exceedingly fine quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 80c.

EGG PLANT.

The Egg Plant will thrive well in any garden soil but will repay with good treatment. The seed should be sown in hot-bed or warm green house in March or April, and when about an inch high pot in two-inch pots. Plant out about June 1st, two and a half feet apart. If no hot-bed is at hand they can be grown in any light room where the temperature will average 75 degrees.

NEW BLACK BEAUTY. The Black Beauty originated in South Jersey. It combines in itself many characteristics which are very valuable in this vegetable. In the first place it is very early, in fact the earliest good market variety. By this we mean it is the earliest variety that grows to a good size suitable for market purposes. Shape is well shown in illustration herewith. It is dwarf growing and bears its fruit close to main stem. Pkt. 5c, oz. 30c.



NEW BLACK BEAUTY.

NEW YORK IMPROVED PURPLE. Plants large, vigorous with light green leaves; fruit large oval, deep purple, with occasional dashes of green about the stem; flesh white, tender and of superior quality. Pkt. 5c, oz. 30c.



MOSS CURLED.

White Curled. While the leaves are not so tender as those of the Green Curled, it is the most beautiful variety; the mid-rib is yellow and the leaves are almost white. Pkt. 5c, oz. 20c, lb. \$1.60.

Broad-Leaved Batavian. Forms large heads of broad, thick leaves, used for flavoring soups and stews, while if blanched the inner leaves make a fine salad. Pkt. 5c, oz. 20c, lb. \$1.60.



Broad-Leaved Batavian.

ENDIVE.

This is a hardy vegetable, cultivated principally for a winter salad. Sow from May until August for a succession of crops; tie the leaves loosely together to blanch them.

Moss Curled. From the density of its foliage, this variety is heavier than the Green Curled, but is equally agreeable as a salad or appearance either green or blanched. Pkt. 5c, oz. 15c, lb. \$1.40.

KOHL RABI.

A vegetable intermediate between the Cabbage and Turnip. Cultivate same as Turnips in rows 16 inches apart and 8 inches apart in the row.

Early Purple Vienna. This variety is the most largely grown for table use in Germany and Australia. The color is a bright purple, with the leaf stems tinged with purple. Pkt. 5c, oz. 20c, lb. \$1.60.



KOHL RABI.

Large American Flag. A large and excellent sort. The favorite variety. It grows to a good size and wonderfully uniform. This is preferred by the most critical market gardeners in the vicinity of New York. Pkt. 5c, oz. 15c, lb. \$1.35.

LEEK.

Sow early in rich ground, in drills six inches apart. When seven inches high transplant them in rows eight inches apart each way, and as deep as possible without covering center leaves.



LEEK.

Lettuce.

Lettuce requires a very rich soil and appliance the skillful cultivator can give, in order to obtain that crispness, juiciness and delicate flavor. In sowing of seed during the dry hot weather, the ground should be kept moist and shaded as the sun will burn the germinating power out of the seed.

DENVER MARKET.

This is an early variety of head lettuce, either for forcing or open ground. It forms large, solid heads, of good, light green color and is very slow to run to seed. The leaves are beautifully curled and crimped, and are very tender, crisp and of excellent flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

Early Curled Simpson. This variety, properly speaking, does not head, but forms a compact mass of leaves; earliest and best for market. Pkt. 5c, oz. 10c.

Early Curled Silesia.

An early variety of very strong growth, leaves large, light yellow, wrinkled. It makes a large loose head of leaves, of tender and excellent quality. Pkt. 5c, oz. 10c, lb. 80c.

Boston Curled. Excellent, of superior, crisp and tender quality. Pkt. 5c.

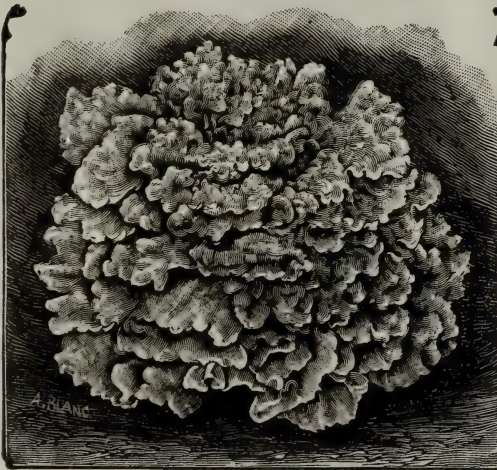


Early Curled Silesia.

New York. It is of unusual size and solidity of head, with but little tendency to run to seed. It has been grown to eighteen inches in diameter, and weighing nearly four lbs., with heads almost solid as an early summer Cabbage, which in general form it somewhat resembles. The variety naturally blanches itself, is crisp, tender, of excellent flavor and always free from bitterness. The out side color is of a clear, deep apple green, while on the inside the color is yellowish white. It is not a forcing variety, but is certainly one of the best varieties for summer use ever introduced. Pkt. 5c, oz. 10c, lb. 80c.

Grand Rapids. As a lettuce for greenhouse forcing, this variety undoubtedly stands at the head of the list, being of quick growth, tender, crisp, and standing for some days after being fit to cut. The plant is up right, and forms a loose head of large, light yellowish-green leaves, which will stand shipping long distances better than most sorts. Pkt. 5c, oz. 10c, lb. 80c.

Improved Large Hanson. Heads very large, solid, sometimes weighing two or three pounds, tender, crisp and of fine flavor; color beautiful green outside and white within. Stands the summer heat well; and one of the best in cultivation. Pkt. 5c. oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 80c.



GRAND RAPIDS.

Cos, Early White Self-Folding. A distinct Cos Lettuce which does not need tying up. The leaves are yellowish-white in color, long, narrow, upright, folding into a solid head like that of an Early York Cabbage and very crisp and tender. This is a truly self-blanching lettuce of superior flavor. Pkt. 5c, oz. 10c, lb. 80c.

NEW LETTUCE,
The largest Head Lettuce in the world.

Often 4 to 5 feet in circumference.

A gigantic Lettuce, with an enormous, solid head. The plant and head not only attain phenomenal dimensions, but is also of the finest quality, even the outer leaves being tender. The plant is fully 18 inches in diameter, while the head proper is proportionately large. It is one of the slowest to run to seed that we have ever seen, and maintains that crispness of texture and sweetness of flavor that will surely make it popular. It is an excellent variety for early sowing, as it has good heat-resisting qualities which carry it safely through the most trying seasons, when other varieties are hard to procure. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

IMMENSITY.



IMMENSITY.



EARLY CURLLED SIMPSON.

Early Curled Simpson. (*Black Seeded.*) A new and desirable variety of the Curled Simpson. Does not produce a solid head, but a compact mass of leaves, which are of a much lighter color than the ordinary Simpson, and forms heads double the size. It is not only a good forcing variety, but a desirable sort for early summer, as it stands the heat remarkably well. Pkt. 5c, oz. 10c, lb. 80c.

New Perpetual. For family use this is one of the best, forming large, compact bushes, the leaves curling outward from the top, extra quality, crisp, rich and tender. Pkt. 5c, oz. 10c.

Tennis Ball Black Seeded. Well formed heads, hardy and crisp; of excellent quality, one of the earliest heading varieties. Pkt. 5c, oz. 10c.

Early Prize-Head Lettuce.

This old standard sort still stands at the head of the large, thin leaved, clustering sorts. The very large leaves are savoyed or crimped, bright green, tinged with red, and are exceedingly tender, crisp and sweet, forming a large loose head. This variety is one of the very best for the garden, but is not a good sort to ship long distances. Pkt. 5c, oz. 10c, lb. 80c.

White Summer Cabbage. Produces fine, greenish-white, large heads, of extra quality, remarkably tender and crisp, sure to head, of quick growth. It is one of the best for forcing, and also for summer use, as it is slow to shoot up to seed and resists the heat well. Pkt. 5c, oz. 10c, lb. 80c.

Big Boston.

A very popular variety with those gardeners who want a large heading, forcing sort, and also for out door winter culture. The plants are large, very hardy and vigorous, with broad, comparatively smooth, thin and very hard leaves which are bright, light green in color and when well grown are quite tender. Indoors this forms a solid head, while outside it is less distinctly a heading sort. Pkt. 5c, oz. 10c, lb. 80c.

California Cream Butter. (*Seed brown*) A strong growing sort with large, green leaves marked with scattered brown dashes. It forms a very solid head of rich cream-colored leaves which are very thick, tender and of splendid quality. This sort is very hardy and is sometimes called Winter Lettuce. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. 90c.

Mammoth Black Seeded Butter. A strain of large, smooth-leaved, head lettuce, forming very large, solid, cabbage-like heads of thick, brittle leaves, the inner ones beautifully blanched, very crisp, tender and of fine flavor. Pkt. 5c,



EARLY PRIZE-HEAD.

Vegetable Seeds.

MELON, Musk.



GREEN NUTMEG.

Montreal Market. Nearly round, flattened at the end; deep, regular ribs; skin densely netted; flesh thick, and of delicious flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Casaba. One of the largest and best Musk Melons in cultivation. Its usual weight when well grown, is from twelve to fifteen pounds. Flesh, green, very sweet, melting and delicious. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Jenny Lind. The earliest of the green-fleshed kinds and one of the sweetest. Small, slightly ribbed; skin thickly netted. Pkt. 5c, oz. 10c.



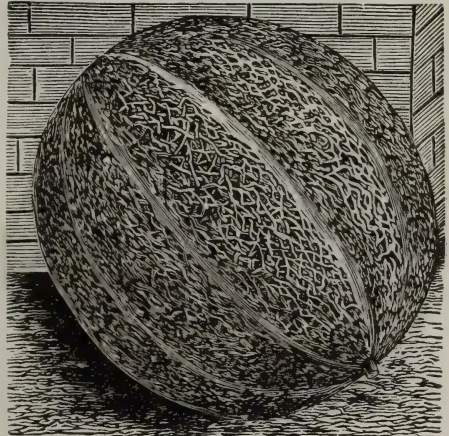
Green Fleshed Osage. This is one of the most profitable of all melons for the market gardener, of very uniform quality; it makes no difference what the size of the melon may be, large or small, they are all sweet and delicious. The skin is very thin, dark green and slightly netted. The green flesh is remarkably sweet, and of a luscious, spicy flavor; extremely thick and delicious to the rind. It is a remarkable keeper and good for shipping. Pkt. 5c, oz. 10c.

Banquet. Fruit medium sized, round and flattened at both ends and densely netted; flesh deep salmon color, very thick and most delicious of all melons. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.



Montreal Market.

Bayview. This celebrated variety is very large, fine flavored, and remarkably productive, being a strong, vigorous grower. With ordinary cultivation the Bayview will grow to weigh from six to ten pounds, while with extra manuring it will reach ten to fifteen pounds in weight. It has light-green flesh. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.



GREEN FLESHED OSAGE.

J. M. Philips' Sons.

Netted Gem or Rocky Ford Melon.

This has become one of the most popular of small or basket melons, and is shipped in large quantities from Colorado and Arizona. The fruit is oval, slightly ribbed, densely covered with coarse netting. Flesh thick, green, very sweet and highly flavored. We offer an exceptionally fine stock of this sort, the fruit being wonderfully uniform in shape and quality. Pkt. 5c, oz. 10c

Paul Rose or Petoskey.

In this new sort are combined all the good qualities of the Netted Gem and Osage, the varieties from which it originated. The fruit is oval, about 5 inches in diameter, and in shape and general appearance similar to the well known Netted Gem or Rocky Ford. The firm flesh is of a rich orange red color, like that of the Osage, but even sweeter and higher flavored, retaining its good qualities quite to the rind. Pkt 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.



PAUL ROSE OR PETOSKEY.

Netted Gem, Round. This is the true original type of Netted Gem originated in Philadelphia but our grower has improved it by weeding out so far as possible the oval type. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

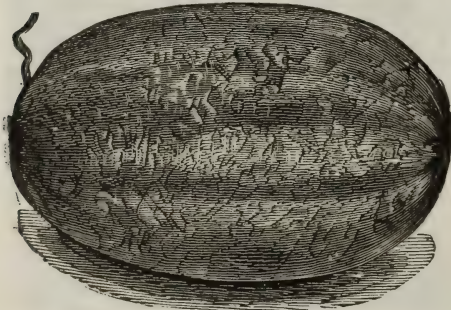
Emerald Gem. A distinct and deliciously flavored melon; very early and prolific. Skin ribbed, yet smooth and of a deep emerald gem. The flesh, which is thick, is of a suffused salmon color, exceedingly sweet and delicious, and very thick meated. Pkt. 5c, oz. 10c. $\frac{1}{4}$ lb. 20c, lb. 60c

Extra Early Hackensack. This is a selection of the popular Hackensack, ripening fully ten days earlier. Melons of good size, heavily ribbed and netted; thick light-green flesh, of fine flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c

Hackensack, or Turk's Cap. This is a favorite market variety. Fruits are of good size, round, heavily ribbed and netted. Hardy and productive, with thick, firm, green flesh; of excellent flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 40c, lb. 60c

Water Melon.

Ferry's Peerless. This is unquestionably the best water melon in cultivation. Of medium size, thin rind, light mottled green; flesh bright scarlet soid to the center, crisp, melting and sweet. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.



FERRY'S PEERLESS.

Iceberg. This may be described briefly as a yellow-bellied "Muscatine" strain of dark Kolb's Gem, but much superior in quality. The bright red flesh is very sweet and reaches close to the rind, which, though thin, is extremely tough. It is a splendid shipper,—carries well to distant markets,—while its luscious flavor will quickly make it a popular favorite. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Triumph. This new melon, as a market sort and for shipment, it is the best we have. It is prolific, very early, and of uniformly large size. It is a cross between the Duke Jones and Kolb Gem, it has the fine appearance of the former and fine shipping qualities of latter. The rind is of dark green color and the average size of the melon is very large. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c

Ironclad. A variety of undoubted excellence, of large size and weight, fruit of it averaging nearly fifty pounds each. The flesh is deep red and of a delicious rich flavor, holding its fine qualities very close to the skin. For shipping and keeping qualities, the Ironclad is unsurpassed. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Vegetable Seeds.

Kolb's Gem, Water Melon.

It is a hybrid of the Scaly Bark and Rattlesnake, and is an excellent shipping sort. It has a tough rind, and carries in good condition without breakage. The stripes are of a light green, generally narrow and of a dull color. The flesh is bright red and of good flavor. The melons grow to a fair market size, from thirty to fifty pounds each in weight. Pkt. 5c, oz. 10c, lb. 60c.



the skin. The melons are of a dark green color and most beautifully striped, of oblong shape. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Cuban Queen. Skin beautifully striped, dark and light green. The flesh is bright red, remarkably solid, luscious, crisp and sugary, very solid and the best of keepers; excellent to ship to distant markets. Specimens have been grown to weigh over eighty two pounds; are enormously productive. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.



KOLB'S GEM.

Duke Jones. Many new water melons have been introduced of late, but there will always be room for an improved variety, and this the Duke Jones must, according to the testimony of those who handled it on a large scale.

It is a nearly round variety, of enormous size, of surpassing quality and excellent shipper. It has ever desirable quality, large size and remarkable bearer. Pkt. 5c, oz. 10c, lb. 60c.

Dixie. Is a cross between the Kolb Gem and Mountain Sweet, surpassing the former in shipping qualities and fully equalling the latter in fine eating quality and flavor. It is from a week to 10 days earlier than either, has a remarkably thin, tough rind, and as a keeper and shipper it has no equal. Its productiveness is unequaled; vines possessing the valuable quality of rooting from every joint. The flesh is bright scarlet, of fine quality, almost down to



CUBAN QUEEN.

How to Grow Melons FOR MARKET.

In order to present the subject to our readers in a comprehensive and concise manner, from the Prize Essays. It treats on both Musk-melons and Water-melons, with full information on the selection of soil, use and application of manures, selection of suitable and profitable varieties, planting of seed, destruction of insects, copious notes on the cultivation, how to grow extra large melons, how and when to gather for market, etc.

Price 30, or free with \$2.00 seed order.

ONION SEED. One ounce for 100 feet of row; for sets 50 lbs. to the acre.

For sets, sow the seeds as early as possible, in the Spring, very thickly, in drills. As soon as the tops die off in Summer, remove them to a dry, airy place; and early in the following Spring, replant them by placing sets in shallow drills twelve inches apart and about four inches apart in the drills. They may also be grown to full size during the first season by sowing thinly in drills one foot apart and about one-fourth of an inch deep, in March or early in April, well manured, and thinning them out to stand three or four inches apart in the drills.



White Portugal or Silver-skin. This is the standard white variety for general culture. The bulbs grow to good size, ripening early and quite evenly. It is a good keeper. The flesh is mild and sweet, the thin skin a clear silvery white, of handsome appearance if the bulbs are gathered as soon as ripened, and carefully dried under shelter away from the strong sunlight. When seed is sown at the rate of 25 pounds per acre it makes bulbs of suitable size and most desirable for pickling. Pkt. 5c, oz. 20c, $\frac{1}{4}$ 60c, lb. \$2.00

Paris Silver Skin. An excellent and popular Onion for the family garden; of medium size, flat, symmetrical, very early, good keeper, skin and flesh white, fine-grained and unusually mild and delicate; also largely used for pickles when small. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00

Mammoth Silver King.

This is the largest of the white Italian Onion, and attains an enormous size in one season from the seed. This sort is deserving of extensive cultivation, and will be found especially serviceable in family gardens, as it is of mild flavor, attractive in appearance and a good keeper. It matures early, and is uniformly of large size smooth and of fine shape, being flattened but very thick. The skin is of a beautiful silvery-white, flesh tender and sweet flavored. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.60

Yellow Dutch or Strawsburg.

The most popular variety for sets, grown so extensively by market gardeners. The sets of this variety grow round, plump and bright. Full sized onions are somewhat flattened, flesh pure white, mild flavor and an excellent keeper. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00



MAMMOTH SILVER KING.

Large Red Wethersfield. This is the standard variety and the favorite Onion in the east, where immense crops are grown for shipment. Large size, skin deep purplish-red; form round, flesh purplish-white; very productive, the best keeper, and most popular for general cultivation. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, lb. \$1.40

White Globe. A large globe-shaped Onion, firm, fine grained, of mild flavor; yields abundantly and keeps well. This is one of the handsomest Onions grown, of beautiful shape clear white skin, and commands the highest market price. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$1.80



ONION SET PRICES.

Prices are based on the present market rates and are **Subject to market changes.** It is impossible for us to make a fixed price. Lowest market prices on large or small quantities given at any time. Buyer paying Ex. or Fr't charges



Prize Taker. The illustration above engraved from nature correctly shows the handsome appearance of this distinct and very valuable variety. All who have grown it say it is the largest, handsomest and most profitable variety to grow. They are of a clean bright straw color, the flesh being pure white, very sweet and tender. Of perfect globe shape and are always uniform. In all large cities in the fall of the year these onions can be found on sale at the fruit stands and command the highest prices. Either for market, family use or exhibition purposes it has no equal and as a keeper it is unsurpassed. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.40



YELLOW GLOBE DANVERS.

Yellow Danvers.

This is the standard variety everywhere. It is of a beautiful golden color; bulb large size, quite early, thick, bottom nearly flat, oval top, with small neck, very prolific and a first-class keeper and shipper; has a thin skin, flesh pure white, and more mild flavored than the red sorts. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c,



NEW FERN LEAVED.

PARSLEY.

Parsley succeeds best in a rich mellow soil. As the seed germinate very slowly, it should be sown early in spring, in rows 1 foot apart and $\frac{1}{2}$ an inch deep. For winter use, protect in a frame or light cellar.

Double Curled. A desirable market variety, as much curled as the Garnishing varieties, but stands the winter. Pkt. 5c, oz. 10c, lb. 80c.

New Fern Leaved. New sort of recent introduction; very beautiful, resembling a fern; it is used very extensively for garnishing purposes. Pkt. 5c, oz. 15c, lb. \$2.00.

PARSNIP.

Sow early as the ground opens in spring, in drill one inch deep and fifteen inches apart. When well up thin out to five or six inches in the row.

Long White Dutch. Roots very long, white, smooth, tender, sugary and most excellent flavored. Very hardy and will keep through winter without protection. Pkt. 5c, oz. 10c, lb. 70c.

Hollow Crown. Roots long; grows mostly below the surface; has a smooth, clean skin and is easily grown. It may remain in the ground during winter. Pkt. 5c, oz. 10c, lb. 70c.



HOLLOW CROWN.

PEPPER.

Sow in hot-bed in March or in open ground in the middle of spring in light, warm ground. When three inches high, transplant 18 inches apart each way and hoe frequently.

Sweet Mountain. Similar to the Bull Nose but larger and milder in flavor. Used to make stuffed pickles. Pkt. 5c, oz. 20c, lb. \$2.00.

Cayenne. Fruit long bright red; flesh strong and pungent. Pkt. 5c, oz. 20c.

Large Bell. Large sort, of inverted bell shape, suitable for filling with cabbage, etc. Flesh thick and one of the earliest. Pkt. 5c.



IMPROVED RUBY KING.

Ruby King. An exceedingly large, handsome Pepper; the fruit is of a bright ruby red, from $4\frac{1}{4}$ to 6 inches long by 9 to 12 inches in circumference. The flavor is remarkably mild and can be sliced and eaten with salt and vinegar like tomatoes and cucumbers, or it can be used as a salad. Pkt. 5c, oz. 10c, lb. \$2.00.

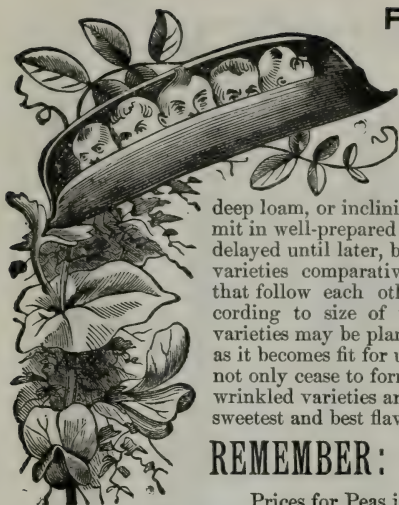
Golden Dawn. In shape resembling the popular Bell or Bull Nose Pepper; it is of a most beautiful golden yellow color; sweet, productive and the dwarf bushy plants being laden with fruit. Pkt. 5c, oz. 20, lb. \$2.00.



GOLDEN DAWN.

Chinese Giant. Without a doubt one of the very best and largest Mango Peppers ever introduced. Its mammoth size, splendid shape, beautiful, rich, glossy-red flesh and mild flavor, all lead us to speak of it in words of commendation. Its strong, bushy plants, are literally loaded with the large fruits, begin bearing quite early and continue throughout season. Pkt. 5c, $\frac{1}{2}$ oz. 20c, oz. 35c.

PHILIPS' NORTHERN GROWN SEED PEAS.



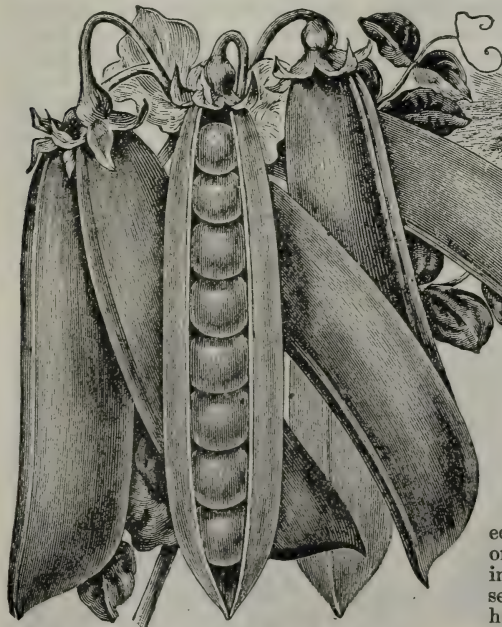
In spite of the multitudes of varieties now in cultivation, there are each year many new sorts brought out, each of which is claimed to be superior. We take great pains to secure and offer the best varieties for sale. Peas mature earliest in a light, rich soil; for general crop, a rich deep loam, or inclining to clay is best. Plant early as the weather will permit in well-prepared soil, and cover two inches deep. The general crop can be delayed until later, but we have met with better success from sowing all the varieties comparatively early, depending for succession upon selecting sorts that follow each other in ripening. Rows from two to four feet apart according to size of variety; but where space in the garden is small the dwarf varieties may be planted close as one foot. The crop should be gathered fast as it becomes fit for use. If even a few pods begin to ripen, young pods will not only cease to form, but those partly advanced will cease to enlarge. The wrinkled varieties are not hardy as the small smooth sorts, however, the sweetest and best flavored varieties.

REMEMBER: Peas sent by mail add 15c per qt. extra.

Prices for Peas in larger amounts will be quoted by letter upon request.

Philips' Extra Earlys. (Pedigree Stock)

The best strain of extremely early, and remarkably uniform Extra Early Peas that has yet been produced. This superb "Pedigree" strain is the crowning achievements of most careful expert work of selection and reselection through a long series of years. This unequaled strain "PHILIPS' EXTRA EARLIES" is of the finest quality; it excels in purity of stock and freedom from sports all other "Extra Early Peas" ever offered in this or any other country. The vines are quite slender, of very quick growth, and average eighteen to twenty-four inches high. The pods are well filled and the entire crop can be gathered in one or two pickings. Where planted exclusively, sowing should be made every week to insure a constant supply of fresh green peas. Pkt. 10c, qt. 25c, 4 qts. 80c.



PHILIPS' EXTRA EARLY PEAS

PHILIPS' FIRST & BEST PEAS.

Purity of Type and
Perfection in Quality.

By most careful comparison we are convinced that this is the earliest and most even stock of white Extra Early Peas in existence, maturing so well together that a single picking will secure the entire crop. Vines vigorous and hardy, two to two and one-half feet high, unbranched, bearing three to seven straight pods, having five to seven medium sized, smooth peas of good quality. The dry peas are medium sized, smooth, yellowish-white. Pkt. 10c, qt. 25c, 4 qts. 75c, peck \$1.25.

Buists' Early Morningstar,
Philadelphia Extra Early,
Rural New Yorker, Carter's First Crop.
Prices same as Philips' 1st & Best.

ALASKA, or Earliest of All.

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

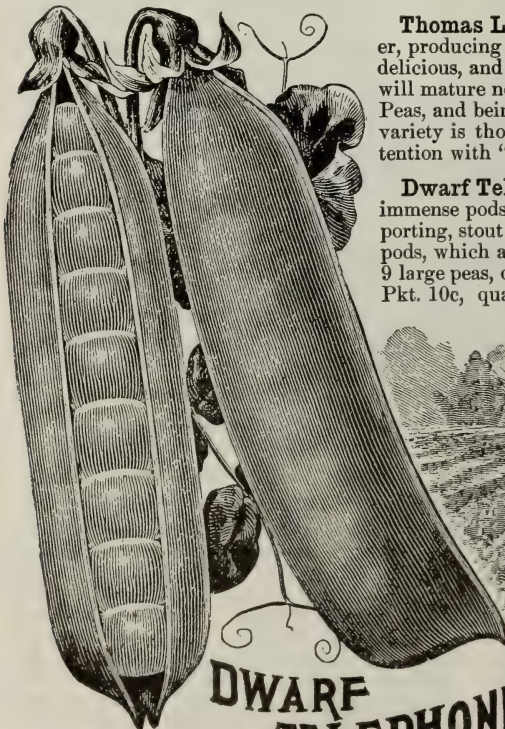
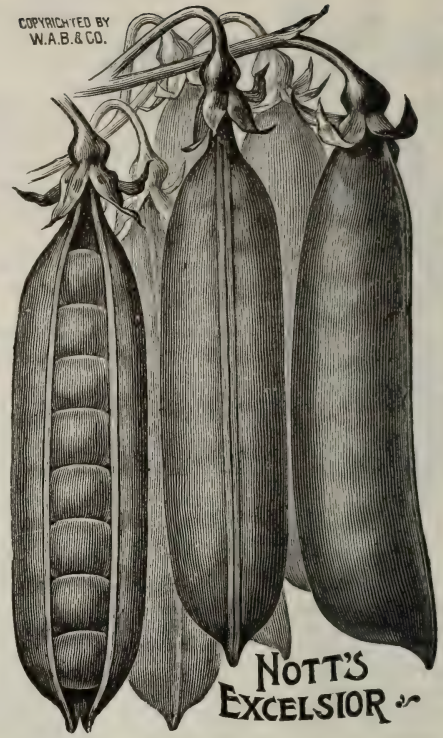
NOTT'S EXCELSIOR.

The most valuable of all
Dwarf Early Wrinkled Peas
Surpassing in Earliness, Yield and Quality.

This is an extra early dwarf wrinkled Pea, usually ready for the table in 40 to 45 days from planting, only a few days later than the early round sorts. It grows about 14 inches high, or about half as tall as the American Wonder. It is of vigorous constitution, and wonderfully productive. Pkt. 10c, qt. 25c.

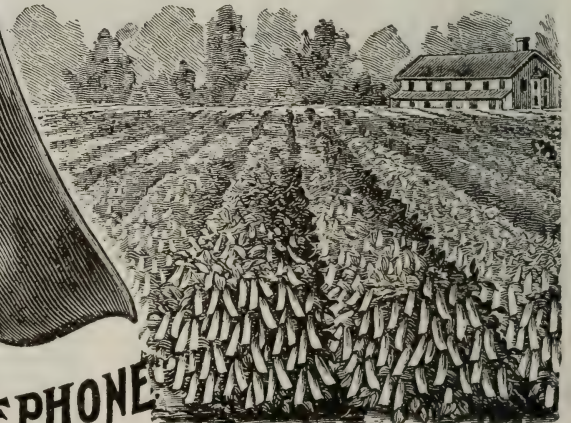
Extra Early Eclipse or Surprise. Extra early wrinkled, comes to maturity with the extremely early peas, vines grow two feet high, pods good size, well filled, an excellent yielder. Delicious flavor. Pkt 10c, qt. 25c, 4 qts. 80c.

COPYRIGHTED BY
W.A.B. & CO.



Thomas Laxton. The plant is a hardy and strong grower, producing extra large pods in abundance. The quality is delicious, and cannot be surpassed. The "Thomas Laxton" will mature nearly as early as any of the extra early smooth Peas, and being a wrinkled sort is much sweeter. When this variety is thoroughly introduced it will command equal attention with "Gradus." Pkt. 10c, quart 30c, 4 quart \$1.00

Dwarf Telephone. A new second-early dwarf pea with immense pods and peas. A magnificent sort. The self-supporting, stout plants are fairly loaded with large bright green pods, which are always well filled. Each pod contains 7 to 9 large peas, of a bright green color, tender and well flavored. Pkt. 10c, quart 30c, 4 quarts \$1.00.



GRADUS or PROSPERITY.

This popular new large-podded wrinkled pea of finest quality matures pods only two or three days later than the small-podded round-seeded extra earlies. This fine, extra early combines the finest quality with extreme earliness, and is also very productive. It is very hardy, and can be planted fully as early as the smooth Peas; grows vigorous and healthy; vines 3 feet in height, and is very prolific, bearing pods fully as large as Telephone. The color of the shelled Peas is a beautiful light green, which color they retain after being cooked; the quality and flavor are delicious, and the Peas remain tender and sweet for a long time. Pkt. 10c, qt. 30c, 4 qt. \$1.00

McLean's Little Gem. A green wrinkled variety which comes into use a few days later than the First and Best. It grows from twelve to sixteen inches high, is very prolific, and of excellent flavor. Pkt. 10c, pt. 15c, qt. 25c.

Early Tom Thumb. Very dwarf, not exceeding ten inches in height, stout and branches very early, of excellent quality, yields abundantly; it requires no sticks. Pkt. 10c, pt. 15c, qt. 25c

American Wonder. A very fine extra early wrinkled variety. The flavor and quality of the Peas are excellent, and its dwarf habit of growth makes it a desirable sort; height, 10 inches. Pkt 10c, qt. 25c, 4 qts 80c,



CHAMPION OF ENGLAND.



PHILIPS' FIRST AND BEST.



TOM THUMB.

Premium Gem. This is an improvement on the Little Gem, bearing more pods and surpassing it in productiveness. The flavor is delicious, and in all essential qualities it is unsurpassed. The most profitable early wrinkled variety for the market gardener, and highly recommended for family use. Twelve to fourteen inches high. Pkt. 10c, pt. 15c, qt. 25c.

Bliss' Ever-bearing. A new variety maturing soon after the Gems, and continuing a long time in bearing. Vine stout, about 18 inches high, bearing at the top six to ten broad pods. If these are removed as they mature; and the season and soil are favorable, the plant will throw out from the axis of each leaf branches bearing pods which will mature in succession, thus prolonging the season. Peas wrinkled, large, cooking quickly, very tender and of superior flavor; plant thin in rows. Pkt. 10c, qt. 25c.

Dwarf Gray Sugar. Of extraordinary yielding, qualities unsurpassed. Pkt. 10c, pint 15c, qt. 25c.

Champion of England. Universally admitted to be the richest and best flavored Peas grown, and very productive; the pods and peas are of the largest size; height 4 feet, seed whitish green and little shriveled. Pkt. 10c, pt. 15c, qt. 25c.

Telephone. One of the finest, tall wrinkled marrows yet introduced. It is immensely productive; of the best quality, and excellent, sugary flavor; vines very strong, averaging 18 to 20 pods to the stalk. The pods are of large size and closely packed with large, delicious peas. Height 3 to 4 feet. Pkt. 10c, pint 15c, qt. 25c.

Large White Marrowfat. An old and well-known standard smooth pea, growing from 3 to 5 feet high, depending on weather and soil. It has long been used by market gardeners for a mid-summer or late crop, and is very productive. Grown upon brush in gardens. Pkt. 10c, qt. 20c, 4 qts. 60c.

Large Black Eye Marrowfat. An excellent variety, growing about five feet high; a very prolific bearer of large pods; can be recommended as one of the very best Marrowfat sorts. Pkt. 10c; Pt. 15c, Qt. 20c, 4 Qts. 50c.

Mammoth Melting Sugar*
This is a class of peas little known in this country, but much used abroad, in which the large, sweet; brittle and succulent pods have none of the tough, inner lining found in the ordinary varieties of garden peas; they are used in the same way as snap or string beans. The best of these edible podded sorts is the Melting Sugar, and our strain is exceptionally fine. The pods are very large, extremely tender, fine flavored, and are borne in great abundance on vines four to five feet high. Pkt. 10c, Pt. 15c, Qt. 25c, 4 Qts. 80c.

Paragon. The Paragon Pea was introduced by Mr. W. H. Gernell, who claims it to be one of the best Peas that has yet been introduced, on account of its vigorous growing, stubbed, stocky vines to the height of about three feet, long straight pods filled with six to nine large peas of the most delicious flavor. Pkt. 10c, pint 15c, qt. 20c.



May be planted from middle of May to the first of June, in the field or garden, in hills 6 to 8 feet apart each way, according to space of ground and richness of soil, three seeds to the hill.

Cashaw. Long, striped crook neck, similar to the crook-neck winter Squash; the best for table use or feeding stock; flesh yellow, solid, fine grained and sweet. Pkt. 5c, oz. 10c, lb. 60c.

Sweet Potato. (*Tennessee*) Of a large size, pear shaped, green and white, flesh thick, cream white, remarkably fine grained, dry and most excellent flavor. Hardy, very productive, and

keeps well until late in winter. This variety we recommend as being superior to any other variety for cooking. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Large Cheese. (*Sweet*) One of the best for table use, productive, skin green and orange, flesh yellow and sweet. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 65c.

Connecticut Field. A large yellow sort for stock. Per lb. 30c.

Radish.

ably be tough and wormy. Sow early in the spring as the ground can be worked, and every two weeks during the season. Winter varieties from the first of August to the last of September. A light, rich sandy soil suits best. One ounce of seed, will sow 100 to 150 feet, when drilled in rows.

Early White Turnip. A round turnip-rooted radish, with small top and of quick growth; both skin and flesh pure white, crisp and tender. Pkt. 5c, oz. 10c, lb. 55c.

Early Scarlet Turnip. A small, round, red, turnip-shaped radish with a small top, and of very quick growth. A very early variety, deserving general cultivation on account of its rich color, of crisp and tender qualities. Pkt. 5c, oz. 10c.

Early Scarlet Turnip, White Tipped.

Handsome, bright scarlet color, with white tip. Many gardeners make a sowing of it every two weeks all summer; its fine appearance attracts customers; quality always pleases. Sometimes called Rosy Gem. Pkt. 5c. oz. 10c, $\frac{1}{4}$ lb. 20c. lb. 60c.



WHITE ICICLE.



White Turnip.

Scarlet Globe.

Scarlet Turnip.

Our Radish Seed Is French Grown.

Early Scarlet Globe. This is without doubt the handsomest and best of all early radishes. The root has a smooth skin, of rich carmine color. The foliage is extremely small and radishes are ready for the table in three weeks from time of sowing. They are of mild flavor, crisp, juicy, and tender. Pkt. 5c, oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Olive Rose. It is of a half-long or olive-shaped, bright scarlet color, and well adapted for either forcing or early sowing in the garden. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c. postpaid.

Early Long Scarlet Short Top.

The finest strain of this most popular radish. The long, slender, handsomely colored roots are most attractive in appearance. They are ready in about twenty-five days; crisp, brittle and of choicest quality. They reach a length of five to six inches, growing half out of the ground. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c; postpaid.

Long White Vienna or Lady Finger.

This is unquestionably the finest long white radish. Of most handsome shape; color a beautiful snow white. It is of very rapid growth, and remarkably crisp, brittle and tender, equally desirable for the market or home. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c. postpaid.

WHITE ICICLE.

Entirely distinct, long, slender, pure white. Very early, the earliest and finest long white radish. It is ready for use fully as early as the Long Scarlet Short Top, with less foliage, rendering it most desirable for forcing. In the open ground the roots continue brittle, crisp and mild, until they are of large size. The White Icicle is superior to the finest red ones. Roots pure snowy white, retain their crispness and fresh, and mild flavor until fully six inches long and an inch in diameter. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c; postpaid.



Improved Chartier.

Decidedly distinct in appearance from any other Radish in cultivation. Its form is well defined by the engraving, the color at top being crimson, running into pink about the middle, and from thence downward it is pure, waxy white. It is very tender, and will attain a large size before it becomes unfit for the table. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

French Breakfast. Medium sized Radish, olive shaped, small top quick growth, very crisp and tender, of a beautiful scarlet color, except near the roots, which is of a pure white. Pkt. 5c oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 65c.

CELESTIAL or WHITE CHINESE.

It is the finest of all extra large white radish, a comparatively new variety and is popular wherever known. This is one of the favorites among the gardeners for fall and winter market, grows to a large size, remains firm, always crisp, mild and juicy. For fall and winter use seed should be sown in June or July, and can be used when three inches long and continues to be fit for use until ten inches long and four inches in diameter. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Chinese Rose. (Winter)

This variety has become very popular with our market gardeners; it is of half-long shape, pink color, and flesh solid as an apple; it has not that strong flavor which is peculiar to the Black Spanish and keeps equally as well; it should be sown during August. The White China only differs in its color. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

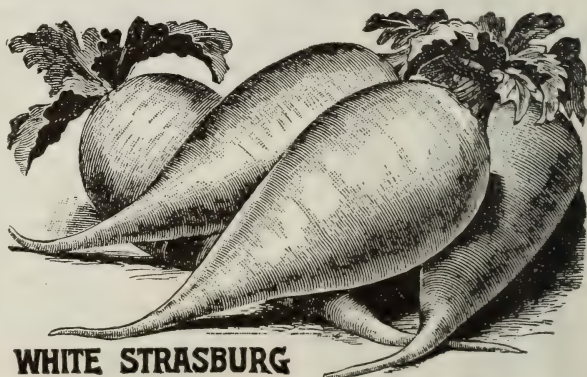
Round Black Spanish. (Winter)

A variety very popular with the Germans, globe-shape and of good quality and flavor. If properly stored, can be used the entire winter. A fine variety for slicing and eating with vinegar. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Long Black Spanish. One of the latest as well as the hardiest of radishes; an excellent sort for winter use.

WHITE STRASBURG.

The roots are of handsome oblong, tapering shape both skin and flesh are pure white; the flesh is firm, brittle and tender, and possessing the most desirable character of retaining its crispness, even when the roots are old and large. It is excellent for summer use, as it withstands severe heat and grows very quickly. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c. postpaid.



WHITE STRASBURG

Our Special Request

Flowers grown from our Seed, if results have not been good tell us.

That you tell your neighbor of the good Vegetable and



Philips' Dom Pedro. This Radish is comparatively new, and its good merits are not yet fully known to the trade; those who have tested it thoroughly praise it very highly for an all summer Radish. Several years growing of the Dom Pedro has proved it to be superior in size and quality of all long summer radishes known to us. The shape is similar to that of the Chartier, only a few days later, but perfectly distinct in color and quality. Color at the top is a dark purple shading downward to a pure white at the tip. They are of quick growth, solid, very tender, crisp and of mild flavor, also remains good a long time for table use; not becoming hard and stringy as most Radishes do. We have grown Philips' Dom Pedro Radish from 3 to 4 inches in diameter, perfectly solid through and fit for the table. Pkt. 5c., oz. 10c., lb. 80c.

Round Black Spanish. (Winter) A variety very popular with the Germans, globe-shape and of good quality and flavor. If properly stored, can be used the entire winter. A fine variety for slicing and eating with vinegar. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 65c.

Squash.

The Squash is one of the most nutritious and valuable of all garden vegetables. The summer varieties come for the table early in the season, and are very profitable, while the winter sorts can be had in perfection from August until the summer varieties are in condition for to use. Plant in hills, in the same manner and at the same time as cucumbers and melons; the bush kinds 3 or 4 feet apart, the running kind 6 to 9 feet apart.

Golden Summer Crookneck. This is one of the very best of Summer Squashes, and we can recommend our selected stock to the attention of all market growers. Of bushy dwarf habit and are very productive. Flesh is greenish-yellow, dry and of a most agreeable flavor, so much so that it is the most highly esteemed of all the Summer varieties. Pkt. 5c, oz. 10c, lb. 60c.

Gregory on Squashes.

A treatise which no Farmer or Gardener ought to be without.

Price 30c, or free with \$1 order.

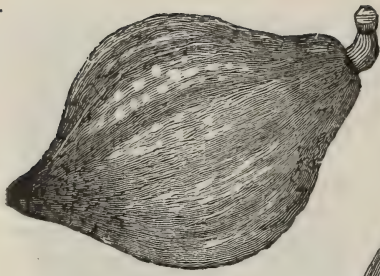


Golden Summer Crookneck.



Early Bush or Patty Pan.

The best early variety for market shipping. It grows to a large size, scalloped like a Patty Pan, and bearing an abundant crop; very productive, used when young and tender. Pkt. 5c, oz. 10c, lb. 50c



HUBBARD.

Marblehead. A variety of great value. The flesh is of rather lighter color than the Hubbard, while its combination of sweetness, dryness and delicious flavor is remarkable, its keeping qualities are declared to surpass that of the Hubbard. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

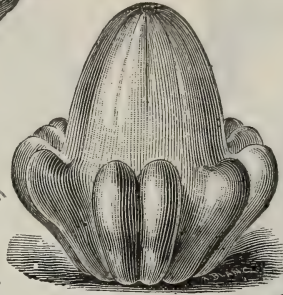
Mammoth Chili. Very large, often attaining the weight of two hundred pounds and upwards, excellent for pies or stock; very productive. We have grown them to weigh 141 pounds. Experienced cultivators have grown them weighing 300 pounds and upwards. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 70c.

Faxon. A distinctive feature of this squash is that the ripe squashes vary in color some of them being pale yellow with still paler yellow stripes in hollows, while others are green, mottled, and faintly striped with a lighter green. In this respect it is different from all other varieties. The flesh is a deep orange yellow cavity very small and seeds few; the special peculiarity, however, is that, while uncooked it appears to have a shell like any other squash, when cooked there is practically none, the shell or inedible part being about thick as a sheet of writing paper. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.



NEW RED OR GOLDEN HUBBARD SQUASH.

Hubbard Squash. A general favorite and more largely grown as a late sort than any other; it is of large size, often weighing from nine to ten pound. Color bluish green, occasionally marked with brownish orange or yellow. Flesh fine-grained, dry and of excellent flavor. It can be had in use from September to May. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.



Pine Apple

White Pine Apple.

The skin and flesh are of a pure creamy white color; flesh very fine grained, resembling a cocoa-nut when made into pies and custards, and is superior to any other Squash or pumpkin for this purpose. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.



MAMMOTH CHILI.

Boston Marrow. This is a widely known popular Squash for autumn and winter use. Its color is a bright orange, flesh yellow rich and sweet, form oval, skin thin but is a good keeper and unexcelled for pies. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c

Fordhook Squash.

The flesh is very dry and sweet. It is one of the earliest of the winter sorts, and if stored in a cool, dry place will keep until the following June. The outside color bright yellow; inside straw yellow. The meat is thick and seed cavity small. Pkt. 5c, oz. 10c

Golden Hubbard. This squash is a bright orange red, showy and attractive. Flesh richer in color than Hubbard, fine grained, cooks dry, of excellent flavor. Its keeping qualities are equal to, while in productiveness it excels green Hubbard. Pkt. 5c, oz. 10c

NEW CUCUMBER THE Davis Perfect.

**Unequaled for Quality
Shape, Color,
Productiveness
And Shipping Qualities**

As a forcing cucumber the Davis' perfect has no equal. Its excellent eating qualities, shape, color and productiveness place it without a rival. To obtain the best results for forcing under glass the plants should not be placed as close together as other forcing strains.

It is a very vigorous grower and if planted too close together will not do as well. As a cucumber for growing outside it has proven to be a big money maker. Hundreds of bushels of the out-of-door grown product were shipped to Chicago and other markets the past season, which sold for hothouse cucumbers. A representative of a commission house on South Water Street, when they had Davis' Perfect for sale they could not sell the common stock at all, and that they always brought double or more than double the price of ordinary out-of-door cucumbers as they resemble so closely the hothouse production that even experts could hardly tell the difference.

It is a shy seeder and on this account is preferable for table use. From what we have seen and know of this cucumber we cannot too strongly recommend it for market gardeners and truckers as well as those who grow cucumbers for their own eating, whether grown under glass or in the home garden.

Price of Davis' Perfect Cucumber, Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 80c, 1 lb. \$2.50.



SALSIFY. Oyster Plant.

The Oyster Plant succeeds best in light, well-enriched mellow soil, which, previous to sowing the seeds, should be stirred to a depth of eighteen inches. Sow the seed early in spring, in drills one foot apart and one inch deep, thinning out the young plants to four inches. The roots will be ready for use in October, when a supply for winter use should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground until spring.



White French. When cooked the flavor resembles that of oysters. Pkt. 5c.

Mammoth Sandwich Island. This sort grows to a large size, resembles a good size parsnip and of mild flavor. Pkt. 5c.

SPINACH.

For spring use sow early in drills one foot apart, and for succession every two weeks; as it grows thin out for use, keeping it clean of weeds. For fall use sow in August; for winter use sow in September, in well manured ground, mulch with straw on approach of severe cold weather.

Norfolk Savoy-Leaved. (*Bloomsdale*) The leaves are numerous, succulent, curled and wrinkled like a savoy cabbage. It produces nearly twice the weight of crop as the ordinary sorts, and is also the hardiest of all the varieties of Spinach. Pkt. 5c, oz. 10c, lb. 35c.



Round thick Leaved. Produces large, thick, dark-green leaves, somewhat crumpled, and possessing the valuable quality of standing a long time. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 35c.

Tomato.

Tomatoes do best on a light, warm, not over rich soil, and much of the success depends upon securing a rapid, vigorous, unchecked growth during the early part of the season. Sow in hot bed during March, or from six to eight weeks before they can be set out into open ground; when the plants have four leaves, transplant into shallow boxes, setting them four or five inches apart. Plant in open ground soon as all danger of frost is over, about 4 feet apart each way.

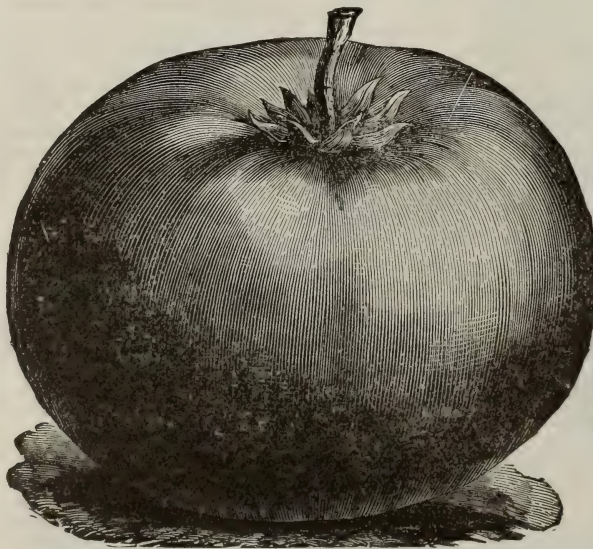
Sparks' Earliana.

Has been one of the most successful Novelties ever introduced.

The earliest smooth bright red Tomato of good size and flavor now in cultivation. It was developed in southern New Jersey, where the greatest competition exists among growers to be first in the market. In the accompanying illustration the artist has attempted to show its wonderfully prolific character and habit of growth, so far as possible, in the small space. The plants are quite hardy with rather slender open branches and moderate growth well set with fruits, nearly all of which ripen extremely early in the season. Tomatoes are deep scarlet and grow closely together in clusters of five to eight, all of medium size, averaging two and a half inches in diameter; they are smooth and solid, quite thick through, and free from the rough ribs or cracks. The flesh is deep red, with solid center and small seed-cells.

Pkt. 5c, $\frac{1}{2}$ oz. 15c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$3.00

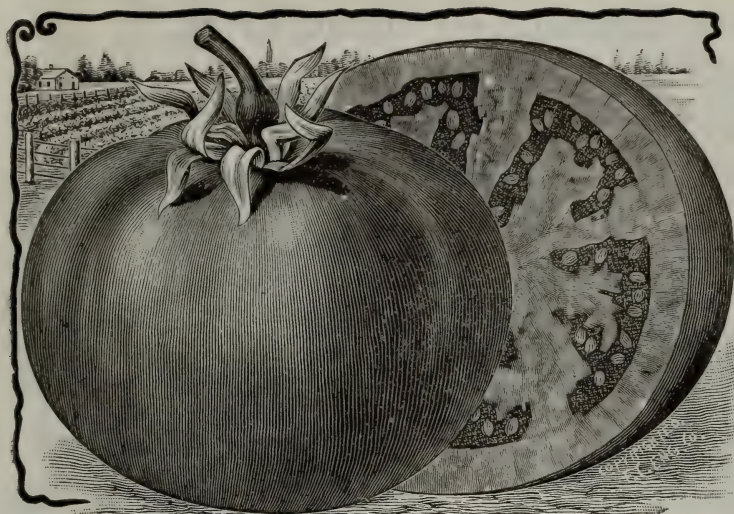
Dwarf Champion. One of the most distinct and valuable tomatoes of recent introduction, dwarf and compact in growth, growing stiff and upright with thick jointed stems, and foliage unlike any other. Color, bright rich scarlet. Perfectly round and smooth, ripening close around the stem and matures fruit early. Pkt. 5c, oz. 15c.



EARLY IMPERIAL.

The introducer says he is more thoroughly than ever convinced that the New Imperial is the earliest, largest, perfectly smooth, most solid, more productive, longest keeping and in every respect the best Tomato known today. He has tested all the leading varieties, therefore he knows what the above means. A testimonial sent the introducer of the "New Imperial." Mr. A. A. Halladay, says the Imperial: "In productiveness it is a wonder, second to none either early or late. Vines continue to grow and produce wonderfully until killed by the frost, and then there was more green fruit than most varieties bear in a whole season." Wherever the market demands a purple Tomato the Imperial is the one for the Market Gardener to plant.

Pkt. 5c, oz. 20c, lb. \$1.75.



LIVINGSTON'S BEAUTY TOMATO.

Livingston's Beauty Tomato.

A decided favorite for either home market or shipping purposes, being early, hardy, a strong grower, productive, large size, always smooth, perfect in shape and excellent in quality. The color is a very glossy crimson with a slight tinge of purple. It grows in clusters of four or five large fruits, retaining its large size late in the season. It ripens with Acme and Perfection, and is entirely free from ribbed and elongated fruit. Pkt. 5c, oz. 20c, lb. \$1.80.

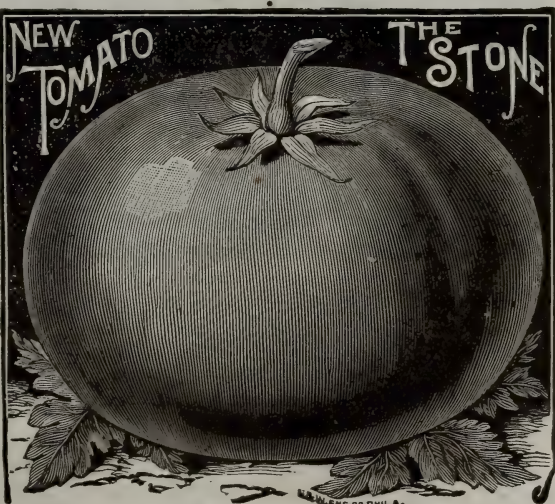
Mikado or Turners Hybrid.

This is one of the largest varieties in cultivation and the most distinct and valuable Tomato ever introduced. Notwithstanding that it produces very large fruit. The Tomatoes are produced in immense clusters, they are perfectly solid, generally smooth, but sometimes irregular. The color is purplish red. Single fruits of this variety frequently weight from 1 to $1\frac{1}{2}$ pounds each. Foliage distinct from that of any other variety. Pkt. 5c, oz. 20c, lb. \$1.80.



New Stone. This variety has obtained great favor with canners, Southern growers and market gardeners everywhere. Its solidity and carrying qualities are remarkable. Its color is a desirable red; in shape, perfectly smooth, and thicker from the stem to blossom end than most varieties, making it very handsome and saleable. No body finds any fault with this variety, but all speak in the highest terms of its beautiful color, its wonderful yielding qualities, its unequalled firmness, or some other of its good points. Pkt. 5c, oz. 20c, lb. \$1.80.

Livingston's Perfection. A variety similar to the Paragon, but an improvement upon it, being a little earlier and invariably smoother and more handsome. It is probably the handsomest tomato grown, and all who have tried it pronounce it to be of the highest quality. Pkt. 5c, oz. 15c.



New Tomato,—"June Pink."

"JUNE PINK" is a deep pink or purplish-colored tomato having the same character of growth and fruiting as Sparks' Earliana, while it is fully as early and possesses greater sweetness and entire freedom from acidity. The plants are quite hardy and adapted to the practice of market gardeners who start their plants very early and have large plants well hardened ready to set out as early in the spring as the weather will permit.

The larger fruits, borne in clusters of three to five, measure three to four inches in diameter by two to two and one-half inches deep from stem to blossom end. Both skin and flesh are of a deep pink or purplish tint, pleasing to the eye, while the crystalline flesh is of sweet mild flavor.

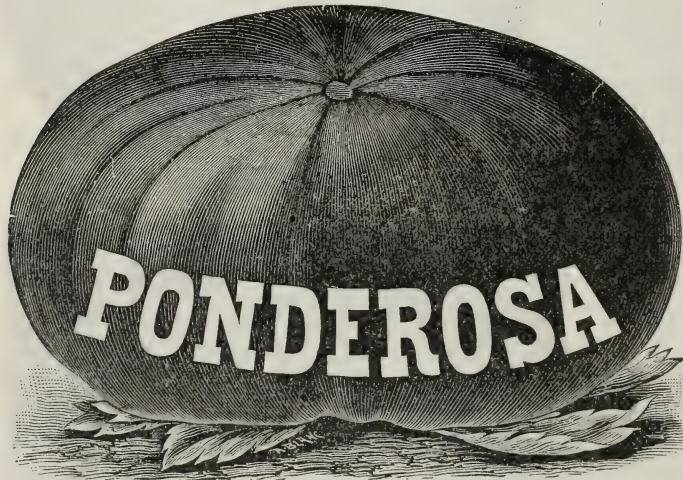
Pkt. 10c, oz. 30c. $\frac{1}{4}$ lb. \$1.00.



MATCHLESS Tomato.

THE MATCHLESS is well worthy of its name; in beauty of coloring and symmetry of form it is without a peer! The vines are of strong vigorous growth, well set with fruit. The fruits are free from core, of a rich cardinal-red color. They are of the largest size, and the size is maintained throughout the season, the healthy growth of foliage continuing until killed by frost. The Matchless, for certainly no other tomato will produce an equal crop of extra large scarlet fruits,—so smooth, handsome, and marketable. The flesh is so firm that ripe specimens picked from the vine will keep in good marketable condition for two weeks. Its fine quality, solidity, and long-keeping character have made The Matchless a great favorite for both market and family use.

Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, $\frac{1}{2}$ lb. \$1.25.



PONDEROSA.

The Ponderosa possesses every good quality to be found in a Tomato. The vines are strong and vigorous and easily carry their enormous weight of fruit, being uniformly large, smooth, of a dark rich crimson color, and a subacid flavor which is delicious, whether used raw or cooked. To show the enormous size of this great Tomato, we would state that twelve specimens weighed $16\frac{1}{2}$ lbs. First ripe fruits are often picked in 10 weeks from seed sowing, while late fruits may be gathered until frost.

Pkt. 5c, oz. 20c.

Paragon. It is a large sized variety, larger than several of the standard kinds cultivated. An immense cropper. Many gardeners, canners and catsup makers will have no other. The flesh is solid, well colored and flavored. Ripens between the early and late varieties, grows vigorous and has a distinct heavy foliage, and no variety holds its size better late in the season. Color deep red.

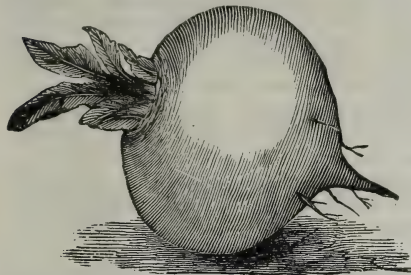
Pkt. 5c, oz. 15c, lb. \$1.50.

Golden Trophy. Like the well known Red Trophy in shape, but of a pure golden yellow color. The tomatoes are of large size and solid; very productive and sweeter than any of the red varieties. Pkt. 5c, oz. 15c, lb. \$1.75.

TURNIP.

For early use, sow early as the ground opens in the spring, in drills from 12 to 15 inches apart; thin out to 6 to 9 inches in the rows; soon as the first leaves appear, sprinkle with soot, wood-ashes, air-slacked lime, or Slug Shot to destroy the black fly, which will devour the plants if not attended to in time. For a fall and winter crop, sow in July or August.

Purple Top Strap Leaved. This strap-leaved variety is the principal sort for early spring and fall use; top is red or purple above ground, flesh fine grained, of mild flavor, and a good keeper. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

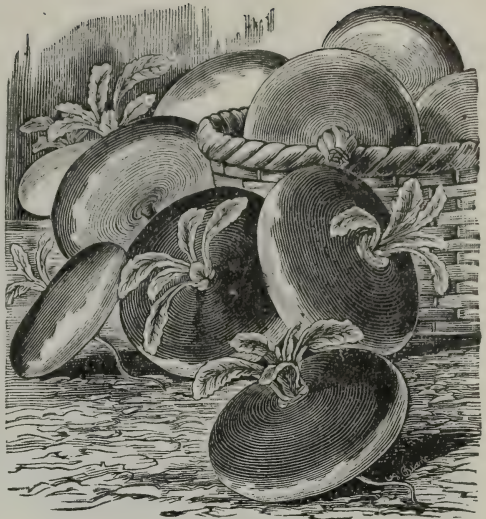


Pomeranean White Globe. This is one of the most productive kind; in good rich soil, the roots will frequently grow to weigh twelve pounds; it is of the most perfect globe shape; skin white and smooth; leaves, dark-green and of a strong growth. Pkt. 5c, oz. 10c, lb. 50c.

White Flat Dutch. A very popular market variety. Grows quickly, comes early, clear white skin and flesh juicy, mild flavor and of excellent quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.



RED TOP WHITE GLOBE.



PURPLE TOP STRAP LEAVED.

Large Yellow Globe. This variety grows to a large size, handsome, globular shaped color pale yellow with greenish top, leaves rather small and spreading. One of the best for a general crop, either for table use or stock; keeps hard and brittle until late in the spring. Pkt. 5c. oz. 10c' lb. 55.

Purple Top White Globe. Large size; globular shape, very handsome and of superior quality; flesh pure white, with red or purple top; grows rapidly. This has become one of the most popular sorts in cultivation, its reliable character making it highly desirable to those who grow turnips in large quantities.

Yellow Scotch, or Aberdeen. Round form, very nutritious and a good keeper. Popular for cattle feeding, and also adopted for table use late in the winter. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Purple Top Ruta Bega. The leading Market variety, and principally grown for stock as well as for family use. Hardy, productive, flesh yellow, solid, sweet, fine-grained and of good flavor. Pkt. 5c, oz. 10c, lb. 50c.

Sweet German Ruta Bega. Bulb 4 or 5 inches in diameter and 6 or 7 inches in depth; neck two or three inches long; skin greenish-brown above ground, white beneath; very sweet, mild, well-flavored; retains its solidity and freshness until spring. Pkt. 5c, oz. 10c, lb. 60c.



BASIL SWEET.



SWEET MARJORAM.



FRENCH THYME.



SAGE.

Herbs.

No garden is complete without a few herbs for culinary or medical purposes, and care should be taken to harvest them properly. This should be done on a dry day, just before they come into full bloom, then dry quickly and pack closely entirely excluded from the air. Sow in spring, in shallow drills, one foot apart and when well up thin out or transplant a proper distance apart.

Basil, Sweet. The leaves and tops of the shoots are the parts gathered and are used for highly seasoned dishes, well as in soups, stews and sauces. Pkt. 5c.

Coriander. Cultivated for garnishing, but more frequently for its seed, which are quite aromatic and useful for flavoring. Pkt. 5c, oz. 10c.

Dill. The whole plant is strongly aromatic, and the leaves are used in pickles and to give flavor to soups and sauces. Pkt. 5c, oz. 10c.

Fennel. A hardy perennial. The leaves are largely used in soups, fish sauces, garnishes and salads. The seed is sometimes used in confectionery. Pkt. 5c, oz. 10c.

Majoram, Sweet. The leaves and ends of the shoots are highly esteemed for seasoning, both in summer and dried for winter use. Pkt. 5c.

Rosmary. An aromatic ornamental herb, of which the leaves are used for seasoning. Pkt. 5c.

Sage. The most extensively used of all herbs for seasoning and dressing. Pkt. 5c.

Summer Savory. A hardy annual, the dried stems, leaves and flowers for which are extensively used for flavoring, particularly in dressings and soups. Pkt. 5c.

Thyme. The leaves and shoots are used for seasoning; a tea is also made of the leaves, which is a popular remedy for nervous headache. Pkt. 5c.

BROOM CORN.

Improved Evergreen. This variety is extensively grown on account of the color and quality of its bush, which is long, fine, straight and always green; grows seven to nine feet high. Lb. 20c, by express 10 pounds 60c.

SUGAR CANE.

Early Amber. The standard variety for the North. The beautiful amber-colored syrup it produces is thought to be superior in flavor to any other; and for sugar is unsurpassed. The seed is highly relished by poultry and all kind of stock. Six pounds are required per acre. Lb. 25c, by express 5 lbs. and over at 15c lb.

KAFFIR CORN.

An excellent fodder plant, yielding two crops of fodder during a season. Grows four or five feet high, upright stalk, with numerous large leaves, greatly relished by cattle and horses. The seed crop is also heavy, yielding 40 to 60 bushels to the acre. It does better sown in drills three feet apart using six to eight pounds of seed per acre. Lb. 25c, by express 5 lbs. 75c.

BUCKWHEAT. Japanese.

The kernels are at least twice the size of those of any other variety; in color they are of a rich, dark shade of brown. The flour made from it is equal in quality to that of any other buck-wheat, while it is much more productive than any other. As the straw is heavier and branches more, it does not need to be sown as thickly as other kinds. Peck 35c, Bu. 1.00.

FLAX SEED.

Sow late enough in the spring to avoid frost, and early enough to secure the early rains. A fair average quantity of seed to be sown on an acre is one-half hushel, when cultivated for seed; if for the fibre a larger quantity should be sown. Peck 50c, bushel \$1.50.

BEARDLESS BARLEY.

Is one of the best six-rowed sorts grown. When sown early in the spring, it is early in ripening, which helps it to fill well. It has a strong, upright straw, and yields from fifty to seventy bushels per acre. The heads of this barley are long, and well filled with plump, heavy kernels of grain. Peck 50c, bushel \$1.50.

Mammoth Russian Sunflower.

One hundred and twenty-five bushels to the acre have been grown at less expense than corn. It is highly recommended for poultry; they eat it greedily, fatten well on it, obtain a bright lustrous plumage and strong healthy condition, and is the best egg producing food known for poultry. oz. 5c, qt. 20c, peck 50c, bu. \$1.75.

German or Golden Millet.

This Millet is becoming more popular every year and is taking the place of the Hungarian as it makes a greater growth and more leafy spreading character and will yield 30 to 35 bushels per acre. German Millet is a fine crop for both soil and hay. For hay it must be cut just as it begins to head before blooming. When the seeds are ripe it makes good feed for all live stock. It is an excellent feed for poultry, to make them lay by feeding a small quantity of it in winter and have them scratch to find seed. Sow seed in May or June, $\frac{1}{3}$ to $\frac{1}{2}$ bu. per acre.

Pound 20c by mail. By express or freight Peck 40c, Bushel \$1.40



Pencillaria or Pearl Millet.

We know of no forage plant, and we believe there is none in existence that will give as heavy yields of forage as Pencillaria. It is easier to grow than corn or any other forage crop, producing a large amount of fodder at a small cost.

Stooling habits. While it begins to stool out at once from the root 50 to 75 stalks has grown from one single seed. It grows to a height of 9 to 13 feet. The best way to sow is in drills or rows 3 feet apart dropping 3 or 4 seeds to each foot in row, in this way one pound of seed will plant one acre. It should not be covered more than one half inch deep, cultivate like corn, and can be cut 3 to 5 times in one season. One Pound By Mail Post-paid 30c, 3 lbs. 75c, By Freight or Express 1 lb. 20c 10 lbs. \$1.50.

Hungarian Millet.

One of the most valuable annual soiling forage plants, growing in any ordinary soil; withstands the drought. $\frac{1}{2}$ Bushel to the acre. Peck 35c, bushel 48 lbs. \$1.25



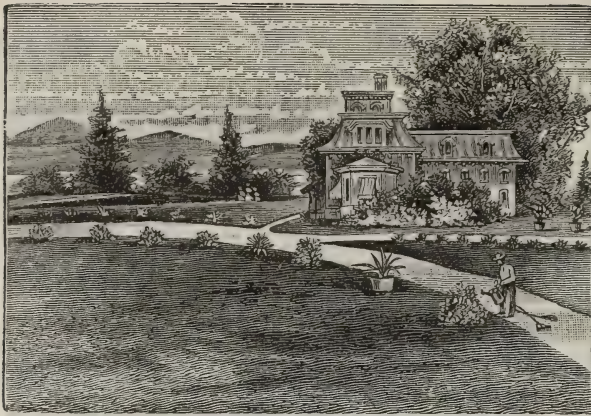
JAPANESE MILLET.

Also sold as
Billion Dollar Grass.

This wonderful and valuable new forage plant has proven an enormous yielder in all sections of the United States—hay and fodder of most excellent quality growing on any soil, yielding 12 to 20 tons per acre and growing 6 to 8 feet in height. Cattle and horses eat it greedily. If sown early it can be cut 2 and 3 times in one season. When cured it makes an excellent hay, its feeding value being much superior to corn fodder. Sow in May and June broadcast, 10 to 12 pounds per acre (it stools remarkably).

Price 1 lb. by mail 25c. By express or freight 10 lbs. \$1.00, 1 Bus. 30 lbs. \$2.40.

NOTICE. Millets and all kinds of Grass Seeds are subject to market price. Write for prices on 2 bushels or more, we can furnish you with seed at wholesale price for large quantities.



Philips' Finest Lawn Grass Mixture.

The mixture we offer has stood the test for years and our rapidly increasing sales prove conclusively that its merits are becoming widely known. In order to produce permanent results, first quality goods must be used. In no branch is it more true than in that of seeds. For Lawns, Terraces, etc, Philips' Lawn Mixture is admirably adapted, as it speedily forms a turf. This is a compound of grasses which ripens

successfully, thereby always presenting a green and cheerful appearance. Lawns sown with one or two grasses turn brown under the hot mid-summer sun and remains in that condition until the cool months of autumn revive them. The essentials for a fine lawn are proper drainage and a careful preparation of the soil, which should be made as fine and light on the surface as possible, thorough rolling and a selection of the seeds of such grasses as will present a luxuriant verdure from early spring till late in autumn; mow frequently during the summer with a lawn mower.

Price by mail Pint 15c, Quart 25c. By express or freight 1 lb. 25c, 5 lbs. \$1.00, bu. 14 lbs. \$2.25

Orchard Grass. It stands drought well, grows in the shade of trees, and thrives well on poor land. It comes very early in the spring, and remains green until late in the fall, making it valuable for both early and late grazing, and will bear repeated pasturing and mowing. Sow three bushels to the acre of our clean seed. 1 Lb. by mail 25c, 1 bu. 14 lbs. by express or freight \$2.00.

Red Top. In Pennsylvania and states further south, this is known as Herds' Grass. It is a good, permanent grass, standing our climate well and makes good pasture when fed close. Is valuable for low, wet meadows, producing a large return in good hay. When sown alone, use about 20 pounds of our clean solid seed per acre, sow in spring or fall. 1 Lb. by mail 25c, bushel 14 lbs. by freight \$1.60.

Timothy, Prime as sold by other dealers. Market price. Special prices on large lots of Timothy on request.



ORCHARD GRASS.

Kentucky Blue Grass.

Also called June Grass. Best of all the native grasses for pasture. Blooms in June. A true perennial, but requires two or three years to become fully established. Succeeds everywhere, but prefers a rich soil and a rather dryer situation than Red Top. One of the most desirable lawn grasses, especially in mixture. Height 9 to 18 inches. Sow three bushels to the acre of our fancy cleaned seed.

Quart by mail 20c, bushel 14 lbs. by express or freight

English Blue Grass or Meadow Fescue.

It grows two feet high, and is one of the earliest, most nutritious and productive of all the grasses. It thrives well on any good soil; makes a perfect sod, and is valuable for permanent pasture. It remains green throughout the summer, when other grasses are all dried up. Sow one and a half bushels of seed to the acre. Peck 50 cents, bushel \$1.50.

NOTICE. Grass Seed subject to market prices. Any person wanting Grass Seed by bushel or 100 pounds write for prices as we may be able to give a reduction on the seed you may need.



BLUE GRASS.

Remember. We will mix you Lawn Seeds to any grade you wish, in case you want a cheaper grade, but would not recommend it, as we recommend our finest mixture for Lawns. Some-times it is a question of price not quality, for this we mix just what you want at prices quoted by letter. We will also mix you pasture Grasses to suit your land, and quote you prices by correspondence.

CLOVER, ALFALFA.

As nutritious for dairy cows as the best mill feeds.



ALFALFA.

The best agricultural clover of the West; now coming into favor in the East. Well adapted to dry sections, but thriving anywhere on well-drained soil. It is a perennial plant, lasting many years under good treatment, and may be cut several times each season when well established. Perfectly hardy. Root system remarkable for development. Alfalfa roots not infrequently descend ten or more feet into the soil, including ability to resist drought. It yields an immense amount of green food for cattle, and should be cut when first commencing to bloom, and it can be cut and used as an ordinary clover hay. Sow in April or May 10 to 12 pounds per acre. A good way to sow this clover is to sow one bushel of oats to acre with alfalfa. Price 1 lb. by mail 25c, 10 lbs. by express or freight \$1.50.

Crimson Clover.

The best crop for hay, silage and green manuring, Fall, Winter and Spring pasturing. Crimson Clover furnishes an abundance of nutritive forage at seasons when pastures are dead. It is of an unfailing supply of manure. It solves the problem of cheap manuring. It is the great nitrogen gatherer and economizer in the use of fertilizers. Valuable for planting in orchards, berry patches, for sowing among cultivated crops, such as Cabbage, Corn, Tomatoes and Tobacco. Improves poor land and restores to fertility those that have been worn down by excessive cropping. May be planted in Spring, Summer or Fall. Splendid for re-seeding Red Clover that has been Winter killed. Sow 10 to 12 pounds per acre. Lb. by mail 20c, 10 lbs. by express or freight 60c,

White Dutch Clover. The best variety for lawns, as it forms a close herbage and remains green throughout the season; it affords excellent food for bees. By mail $\frac{1}{4}$ lb. 15c, lb. 40c.

Cow Peas.

The Great Soil Improver.

Makes Poor Land Rich.

Makes Good Land More Productive

Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the Cow Pea has no superior, especially for medium or light soil. They should be sown in the month of May at the rate of $1\frac{1}{2}$ bushels to the acre, and plowed under as soon as they have attained their full growth. There is no surer or cheaper means of improving poor soil than by sowing Cow Peas. The best varieties of Cow Peas are the Southern Black Eye and Black Cow Pea, either of which we can furnish

**Canada Field Peas.**

For the Northern States there is no crop of greater value than Field Peas and is more neglected, which can only be attributed to a lack of knowledge as to its merits. Whether for fodder, in mixture with oats, sown at the rate of 2 bushels per acre, or the Peas sown alone at the rate of 3 bushels per acre for plowing under. They are equal to corn for fattening hog and used as a food for pigeons, etc. Peck 50c, bushel \$1.50.

Dwarf Essex Rape.

This is largely grown as a fattening food for sheep in autumn. It is also especially desirable for pasturing hogs during the summer months. In the Northern States seed may be sown at any time from early spring until end of August. Sow 5 to 8 pounds per acre broadcast and harrow in lightly, or four or five pounds in drill fifteen inches apart. We offer only the true Dwarf Essex Rape. By mail lb. 25c, by express 10 lbs. 75c.

BEANS, PEAS AND SWEET CORN IN BULK.

Below we quote special low prices on Beans, Peas and Sweet Corn, by 2 quarts, $\frac{1}{2}$ peck, peck and $\frac{1}{2}$ bushel; for less quantity and descriptions see general list, and for larger quantities write for prices. At below prices we allow no discounts or premiums; we make no charges for bags or boxes, and deliver to express or freight office, the purchaser paying transportation charges.

	2 Qts.	4 Qts.	Peck.	1-2 Bu
BEANS--Dwarf.				
Stringless Green Pod.....	40c	75c	\$1 40	\$2 75
Longfellow	40	75	1 40	2 75
Best of All.....	40	75	1 40	2 75
Extra Early Red Spreckled Valentine.....	40	75	1 40	2 75
Early Long Yellow Six Weeks.....	40	75	1 40	2 75
Early Red Eyed China.....	40	75	1 40	2 75
Early Mohawk.....	40	70	1 30	2 50
Burpees' Bush Lima.....	40	75	1 40	2 75
Henderson's Bush Lima.....	40	75	1 40	2 75
Early White Wax.....	40	75	1 40	2 75
Early Improved Golden Wax.....	40	75	1 40	2 75
German Black Wax.....	40	75	1 40	2 75
Curries Rust Proof Wax.....	40	75	1 40	2 75
New Golden Eyed Wax.....	40	75	1 40	2 75
Davis Kidney White Wax.....	40	75	1 40	2 75
Dwarf Horticultural.....	40	75	1 40	2 75
Detroit Wax.....	40	75	1 40	2 75

	2 Qts.	4 Qts.	Peck.	1-2 Bu
BEANS--Pole.				
Golden Cluster Wax.....	50	90	1 75	3 40
Golden Andalusia.....	50	90	1 75	3 40
American Sickle.....	40	75	1 40	2 75
Kentucky Wonder.....	40	75	1 40	2 75
Horticultural, Pole.....	40	75	1 40	2 75
Dutch Case Knife.....	40	75	1 40	2 75
Lazy Wife.....	40	75	1 40	2 75
Karge White Lima.....	40	75	1 40	2 75
Ling of the Garden Lima.....	40	75	1 40	2 75

	2 Qts.	4 Qts.	Peck.	1-2 Bu
PEAS.				
Alaska or Earliest of All.....	40c	75c	1 40	2 60
Extra Early Eclipse.....	40	75	1 40	2 60
Philips' First and Best.....	40	75	1 40	2 75
Early Tom Thumb.....	40	75	1 40	2 75
Buist's Early Morningstar.....	40	75	1 40	2 75
Philips' Extra Early.....	40	75	1 40	2 60
Nott's Excelsion.....	45	80	1 50	3 00
Early Premium Gem.....	45	80	1 50	3 00
Bliss' American Wonder.....	45	85	1 60	3 00
McLeans Little Gem.....	40	75	1 40	2 75
Bliss' Everbearing.....	40	75	1 40	2 60
Gradus	45	85	1 60	3 00
Thomas Laxton.....	45	85	1 60	3 00
Dwarf Telephone.....	40	75	1 40	2 70
Telephone	40	75	1 40	2 70
Champion of England.....	40	75	1 40	2 70
Large White Marrowfat.....	40	75	1 40	2 60
Melting Sugar.....	45	90	1 75	3 25

	2 Qts.	4 Qts.	Peck.	1-2 Bu
CORN--Sweet or Sugar.				
Extra Early Cory.....	25	45	80	1 40
Early Minnesota.....	25	45	80	1 40
Extra Early Champion.....	25	45	80	1 40
Adams Extra Early.....	20	35	65	1 20
Early Sheffield.....	25	45	80	1 40
Early Evergreen.....	25	45	80	1 40
Kendel's Early Giant.....	25	45	80	1 40
Early Premo.....	25	45	80	1 40
Perry's Hybrid.....	25	40	80	1 40
Russell's Prolific.....	25	40	80	1 40
Stowell's Evergreen.....	25	40	65	1 25
Country Gentlemen.....	25	45	80	1 45
Large Late Mammoth.....	25	40	65	1 20



OUR Flower Seed List has been carefully revised, some new kinds added and all inferior kinds cast out, there is nothing in the list but what is worthy of cultivation, and if

well cared for, will give satisfaction. Quality is always the first consideration. Our mixtures are mainly made up by ourselves from named varieties and from growing a large number of best named varieties together, and will yield a better assortment than is commonly found.

The following abbreviations occur in the Flower Seed List.

- A. for Annuals that grow, bloom and die the same year from seed.
- B. for Biennials that bloom the first and second year from seed and then die.
- P. for Perennials usually blooms 2nd season from seed, continues to grow and bloom for years.
- H. Indicates they are Hardy. H. H. Half Hardy. T. Indicates they are Tender.

All Flower Seeds sent free by mail on receipt of price Full descriptions and cultural directions will be found on each packet.

Premiums. IN ORDERING FLOWER SEEDS in packets, purchasers sending \$1.00 may select packets to the value of \$1.30 Those sending \$2.00, to the value of \$2.75. Those sending \$3.00 to value of \$4.20

AGERATUM.

The Ageratum being ornamental and valuable on account of the length of time it remains in bloom, and fine colors. Blooms constantly dur-



ing the summer in the garden and if removed to the green-house it will bloom all winter. Seeds may be sown in a mellow seed-bed in the open ground, or under glass early in season. Pkt. 5c

ANTIRRHINUM.

The Antirrhinum, better known as Snapdragon,

is one of the most showy border plants, blooms very early in spring till late in autumn and is of easy culture. Sow in house in March or April, transplant out into open ground in summer for flowering the next season. P. Mixed colors. 5c



ALYSSUM SWEET



One of the sweetest and most useful of summer flowers. It may be used for edgings, rock work, hanging baskets, etc. Continues blooming the entire season; free flowering and easily cultivated. Flowers snow white. H. A. Pkt. 5c

J. M. Philips' Sons.

ASTERS.

A very desirable and popular flower, of most perfect and beautiful form; very profuse bloomers, they include a great variety of rich colors. Very valuable for an autumnal display. Sow the seed early in spring, under glass or in the house; transplant into rich soil 8 to 12 inches apart each way. H H A.



German Quilled. These are great favorites on account of their free-blooming qualities, and the low price of the seed recommends them to many who want a nice Aster for cut flowers. 12 Colors, height 18 inches. 5c

Dwarf Chrysanthemum. This Aster surpasses all other dwarf varieties in size of flowers. They are full of large double flowers, produced in clusters of 10 to 20 on a plant; 18 colors, height 10 inches. 10c

Comet. This class of Asters have long, slender and curled petals, forming loose yet dense flowers of semi-globe shape, which resemble the Japanese Chrysanthemum. Mixed colors. 10c

Crown. Showy flowers, very double, white centers bordered with bright rich colors. 5c

Victoria. Flowers large and perfectly double, of globular shape and beautiful imbricated. 10c

Rose. New Large Flowered Mixed. 10c



CANTERBURY BELL.

Well-known, beautiful, hardy plants, bearing a great profusion of attractive bloom, thriving best in light, rich soil. Charming bell-shaped flowers of many exquisite shades and some of the varieties flower the first season if they are planted early. H B. 5c

CLIMBERS.

This is a mixture of seed composed of several of finest climbing annuals; for lattice work etc. 5c

COBCEA SCANDEN.

Fancy Climbers.

A fine summer climbing plant of quick growth and bearing large bell-shaped purple flowers. Grows very fast and will run from 8 to 30 ft. In sowing, place seed edgewise and cover slightly. 10c



BALSAM.

Improved strains of well formed favorites, forming dwarf bushy plants profusely covered with large double flowers of brilliant colors throughout the summer and autumn. Balsams are also sometimes called "Lady Slippers" and "Touch-me-not." T A.

Camelia Flowered. Very double, resembling the camelia in form, perfect in shape, and our mixture contains all the best colors. By transplanting them once or twice, the flowers are apt to be more double. 10c



CAMELIA-FLOWERED BALSAMS.

Flower Seeds.

CARNATION PINK.



The Carnation seed we offer is from the finest collection in Europe, and will produce many double fragrant flowers of almost all colors, and amongst them many choice novelties.

Carnation Pink. No flower can surpass in delicacy of marking, form, or delicious fragrance, as the richly hued Carnation. It has always been one of the most esteemed of the florist's collection many being very fragrant and of all shades and colors. Sow seed under glass in green-house or hot-bed, when of sufficient size, transplant one foot apart each way; height $1\frac{1}{2}$ feet. H H P
Fine choice mixed, extra double. 15c, 25c

Marguerite. A beautiful free-flowering race of Carnations that with ordinary care will bloom the first season. The flowers range through many shades of red and pink, of fine form and large size. Seed sown in Spring commence flowering in early Summer and continue to bloom in profusion until checked by frost. Finest double mixed. 10c

CINERARIA.

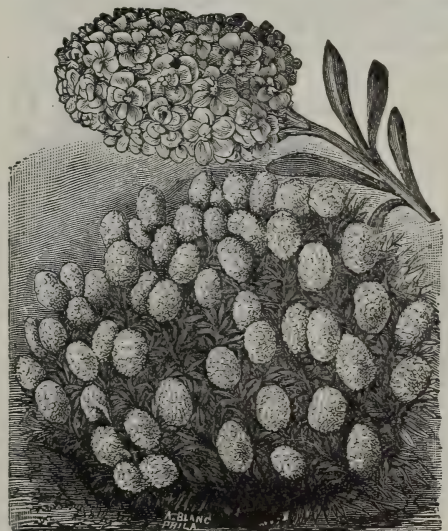
Magnificent and indispensable flowering plants for Spring decorations for the conservatory or window garden. The flowers measure 2 to 3 in., across, and of different shades, covering the plant with a sheet of bloom. Pkt. 25c, $\frac{1}{2}$ Pkt. 15c

CHRYSANTHEMUM.

The growing demand for the annual varieties has brought the Chrysanthemum into general favor. The colors have the appearance of having been laid in with a brush, for this reason they are sometimes called "painted daisies." H A.
Double mixed colors. 5c

CANDYTUFT.

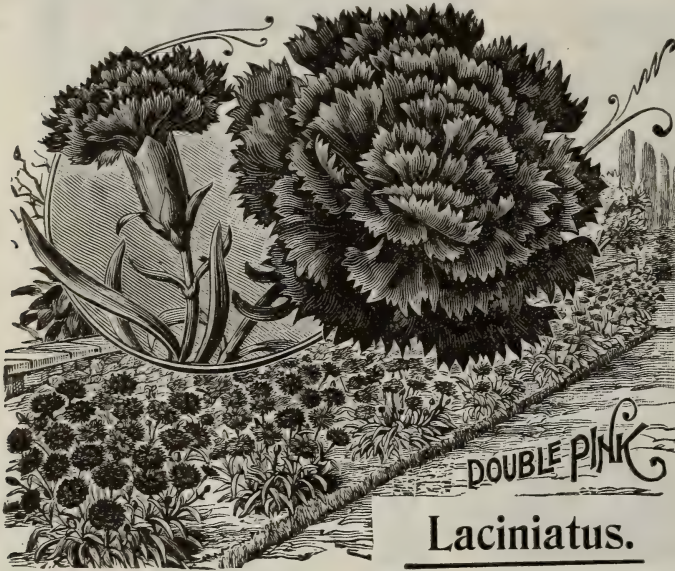
It blooms long and freely, bearing its flowers in neat clusters, the prevailing colors purple, white etc; our mixture embraces the finest sorts, some of which are very fragrant; mixed colors. 5c



J. M. Philips' Sons.

DIANTHUS PINK.

The family of *Dianthus* are the most useful of all biennials, for beauty and variety, our collection cannot be surpassed for their beauty. The double varieties with their rich colored flowers are profuse bloomers all summer.



DOUBLE PINK

Laciniatus.

Culture of Pinks. Sow early, in boxes, in the house or hot-bed, or in open ground in May; transplant eight inches apart each way. By removing the faded flowers, the bloom is much improved in quality and duration. Flowers all through the summer and fall months.

Laciniatus. Large double, showy flowers, with fringed edges, various colors mixed and beautiful striped. 10c

Heddewigii. Flowers very large and double nearly 3 inches in diameter, of various shades and most brilliant colors mixed. 10c

Chinese. A biennial of dwarf habit; flowers the first year, but the bloom is stronger the second. The colors are rich, and in large beds you hardly find two alike. Double mixed. 10c

Choice Mixture. This embraces seed saved from extra double flowers of above kinds; colors varying from the richest velvety crimson to the most delicate rose. 10c

Single Mixed. Large single fringed flowers. 10c

COSMOS.

A strong grower, having elegant foliage, and for fall blooming has on superior. Seed sown in March or April and transplanted to open ground will produce plants 3 to 5 feet high by Sept. and yield hundreds of blossoms three inches across; they are of various shades. 5c



DOUBLE DAISY.

DOUBLE DAISY.

The old favorite "Double Daisy" it is much improved, with large double variegated flowers; for edgings and dwarf beds; in the spring this is a charming plant. H N P. Mixed colors. 10c

FOX GLOVE.

They are fine for the mixed border, or planted singularly in half-shady places near walk or drive. The racemes of flowers are often two feet in length, containing scores of the prettily spotted thimble-shape flowers. Perfectly hardy. Sow seed in the spring in the garden, and transplant as desired. Flower stems three feet in height. P. Mixed varieties. 5c



FORGET-ME-NOT.

Charming little plants, very popular, producing their star-like flowers in great profusion; the Forget-me-not is one of the most admired flowers grown, in its delicacy and beauty. Seed sown in autumn will succeed best and flower early in spring. H P. *Mysotis Alpestris*. 10c

Flower Seeds.

HELICHRYSMUM.



Large, full double flowers of various colors, from bright yellow to scarlet, shaded and tipped. Desirable as dried specimens, and exceedingly handsome bouquets may be formed of them for winter if blossoms be gathered when on the point of expanding. Fine double mixed. 5c

COLUMBINE, or Aquelegia.

Ornamental perennial plants of easy culture; flowers of novel shape and many colors. 5c

CYPRESS VINE.

Graceful climber with delicate fern-like foliage; produces masses of beautiful star-shaped flowers. Sow seed in March and transplant in May. 5c

GOURDS, Ornamental.

Curiously shaped fruit in various colors. They are fine to cover old fences, stumps, etc. 5c

HOLLYHOCK.

One of the grandest summer and autumn flowering plants for a background to a flower garden. Flowers double and of many shades of color. 10c

LILY OF THE VALLEY.

The well-known and beautiful white sweet scented flower. 10c

Musk Plant. Flowers brilliant colored. 10c



HELITROPE.

HELITROPE. Valued highly for the fragrance of their flowers and duration of bloom. They succeed in any light, rich soil and cuttings of the shrubby kind, taken off while young grow readily. They make excellent house plants. 10c

ICE-PLANT. Handsome plants for hanging baskets, rock-work, vases and edgings. The leaves and stems appear as though covered with ice crystals, which glisten in the sun. Tender annual trailer; $\frac{1}{2}$ foot. 5c

MOON FLOWER.

A very showy rapid growing vine. At night and during dull days the vines are covered with large, pure white fragrant flowers, 4 to 5 inches in diameter; height of vine 20 to 30 feet. 10c

MORNING GLORY.

New Japanese. Climbers of rapid growth. Some are striped, blotched and spotted; others have magnificent edges and throats. 10c

Common Morning Glories mixed. 5c

MIGNONETTE.



The well known Mignonette producing dense, semi-globular heads of exceedingly fragrant flowers. It blooms nearly the whole season and the perfume is so great that the whole atmosphere around is perfumed; also fine for pot culture during the winter and spring months. 5c

NASTURTIUMS.

Tom Thumb. One of our showiest and most popular annuals, forming compact plants, not over one foot high, making gorgeous masses of color from early summer until killed by frost. 5c

Climbing Varieties. Beautiful profuse flowering climbers of easiest culture, bearing large flowers; vines 6 to 10 feet. Mixed colors. 5c



ICE-PLANT.

J. M. Philips' Sons.

PANSIES.

These little beauties need no extended description, as it would be hard to find even a child in the land whose heart has not been gladdened by their bright faces of all shades. Pansies like a moist, rather shady location and rich soil. Should be watered freely in dry weather. We use the greatest care in selecting the best strains of these universal favorites. Young plants give largest flowers.



Pansy seed may be sown in hot-bed or open ground. If sown in the Spring, get in early so as to secure flowers during the early rains and before the hot weather. Seed sown in October will bloom the following Spring.

Grand Superb Mixture. This class has been selected with a view to large sized flowers of thick, velvety texture and most distinct colors. This special mixture is prepared by ourselves from the finest named sorts. Pkt. 25c

Giant Trimardeau. These are remarkably large Pansies, which, for size of flower and robust growth, eclipse all other strains. The blooms, which are of the richest and most varied shades of color, are thrown well above the foliage. Pkt. 25c

All Colors Mixed. Finest German Pansies. Pkt. 10c

NOTICE :-Half 5, 10 and 25c pkts. at 3, 5 and 15c.

PETUNIAS.

Surely there is no garden complete without a bed of elegant Petunias. They commence flowering early, and continue a mass of bloom throughout the whole season until killed by frost; easily cultivated, requiring rich soil and a sunny situation. Of late years the single striped and mottled have been greatly improved. Be careful not to cover the small seeds too deeply. H. A.

Blotched and Striped. Flowers with star-shaped blotches, of very fine form.

Fine Mixed. Older and newer sorts mixed. Pkt. 10c





PHILIPS' SUPERB PANSIES

GIANT PRIZE MIXTURE

This superb collection cannot be surpassed for size, shape, markings or richness of color of the flowers. No pains are spared to make this strain absolute perfection in form, firmness of texture, size and freedom of bloom, and elegance and variety of markings and colorings. Pkt. 15c, 1/2 Pkt. 10 cents.

MASTERPIECE

This grand pansy, developed from the mammoth five-spotted class, is remarkable for having its petals waved and curled.

Pkt. 15 cents, 1/2 Pkt. 10 cents.

PHILIPS' SPECIAL MIXTURE

This mixture is made up from the finest large-flowering Pansies grown, Odier's large-stained, Cassier's large-flowered blotched, Bugnot's superb Blotched, Striped large-flowered Parisian, Germania petals frilled and curled, Lage-flowering French and Best Show-flowers. Pkt. 15c, 1/2 Pkt. 10 cent, Ounce \$4.50.

Flower Seeds.

CHINESE PRIMROSE.

The Chinese Primrose is one of the finest plants for winter and spring blooming in the house; very profuse flowering, being in constant bloom all winter. Our seed is saved from the very finest strains of all colors. Sow seed in rich soil, dusting a little fine earth over them; if covered too deeply, or the seed be wet and allowed to dry they will not germinate. T P. Large-flowering finest colors mixed. Pkt. 25c, 1/2 pkt. 15c.



CHINESE PRIMROSE.

PHLOX, Large Flowered.

This large flowering strain is of immense size and for beautiful colors they are unsurpassed. They produce a great profusion of large trusses of flowers, and if cut freely will continue a mass of bloom until cold weather. Seed may be planted in open ground in May, or sown in hot-bed earlier and transplant. Finest colors mixed. 10c

Star-Shaped Phlox. Of dwarf habit, bearing pretty star-shaped flowers, varying from violet blue to deep rose margined with white; the edges are slightly fringed. 10c



PHLOX, Large-flowering.

POPPIES--ANNUAL.

This exceedingly showy and easily cultivated class of plants grows and blooms well in any ordinary soil, and stands without an equal, the showiest of all annuals, and very attractive in large beds. Sow the seed where the plants are intended to be grown, as they do not bear transplanting well. Finest varieties mixed. 5c

Double Carnation Mixed. For dazzling richness and variety of colors, the flowers are unequalled. Simply scatter the seed in the open ground and a mass of beauty will be the result; flowers of various colors. Pkt. 5c

RICINUS, Zanzibarensis.

Entirely distinct from the ordinary Ricinus, with enormous leaves two feet and over across beautifully lobed. With good soil and plenty of moisture plants have been grown twelve feet high in a season. Mixed varieties. Pkt. 10c, 1/2 Pkt. 5c

PORTULACCA.

There is scarcely any flower in cultivation that makes such a dazzling display of beauty as a bed of many-hued Portulaccas. They thrive best in a rather rich, light loam or sandy soil and in an exposed sunny situation; the flowers of the double sorts remain open all day. Sow seed early in open ground, or under glass. Single varieties mixed colors, Pkt. 5c. Double mixed, Pkt. 10c



SALPIGLOSSIS.

It is a splendid half-hardy annual, with flowers of delicacy and beautiful penciled; mixed colors. 5c



POPPY CARNATION.

J. M. Philips' Sons.

Sweet Peas.

There is no flower grown that is more popular, or more admired by all than the Sweet Pea, with its dainty colors and delicate perfume. For cutting, for bouquets, vases, corsage and button-hole wear, no flower except the rose can compare with them.

The Seed should be sown as soon as the ground can be worked in the spring; prepare the ground by thoroughly working in a large quantity of well-rotted manure. Make a trench four inches deep; in this sow the seed and cover two inches deep. As soon as the plants begin to show through, fill in the trench, and when well up give brush or strings to support them. They commence to bloom early, and if flowers are picked soon as they fade, will continue to bloom all summer. One ounce will sow a row 20 ft. long, packet 5 ft. row.



Pink Cupid. (Dwarf) In habit and manner of growth it is strictly a Cupid, 6 to 8 in. high, and throws up stems 6 in. long, which bear 3 to 4 fine blossoms. Pkt. 5c

White Cupid. (Dwarf) It has about same habit of growth as Pink Cupid. Flowers pure white, as large and fine as the best of taller varieties; very fragrant. Pkt. 5c

Eckford's Mixed.

This strain possess the same delicious perfume

as the ordinary varieties, although not embracing all the latest novelties, contains quite a beautiful assortment of the Eckford Sweet Peas. Pkt. 5c

Choice Colors Mixed. We are sure our customers will be pleased with our mixture. Graceful form, charming colors exquisite fragrance, and simple loveliness. This mixture is made up from about 50 of the finest named varieties and Eckford's mixture. Choice new and old varieties mixed. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

We can supply Sweet Peas at above prices in separate colors.

Flower Seeds.

SWEET WILLIAM.



Sweet William, fine mixed colors. 5c

A bed of finer varieties sports into an endless variety of colors, which make a bed of beauty. The plants will bloom several years. No flower garden is complete without a bed of fine Sweet William. Hardy perennial one and a half feet high.

SMILAX.

A beautiful and graceful tender perennial climber, foliage glossy deep green and waxy; fine for vases and baskets. Soak the seed twenty-four hours before sowing; height 6 to 10 ft. 10c

STOCKS.



German Large Flowering, mixed colors. 10c

For brilliancy, variety of color, profusion and duration of the bloom they are unsurpassed. The Ten Week Stocks are the variety mostly cultivated; they generally bloom in twelve weeks after sowing the seed, they have flowers of much beauty and fragrance. H A.

VERBENA.



in hot-bed. T P. Verbena, fine mixed. 10c

There is no plant more cultivated or more sought after than Verbena and no plant excels it for massing in beds or lawns. In the varieties may be found every color except yellow. They flower perfectly well from seed sown

VIOLET.

The Violet should not be wanting in any garden, on account of its fragrance and early appearance.



A single flower will perfume the whole room. They will thrive best in summer in a shady situation in rich, deep soil. H P. 10c

ZINNIA.

The Zinnia is one of our most showy plants, easy of cultivation; so handsome that it will always be popular. The double sorts usually grow about 2 feet high, producing flowers of many colors, almost as double as a Dahlia.

Zinnia double largest flowering and striped varieties.

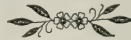
Fine colors mixed. 10c



WILD FLOWER GARDEN.

Special Mixture of Choice Flower Seeds.

Much pleasure is derived from watching the growth of a mixed bed of flowers. The mixtures are made from choice fresh seed and can not fail to give satisfaction. The packets are liberal in size, and in no other way can so many seeds be obtained for so little money. 10c



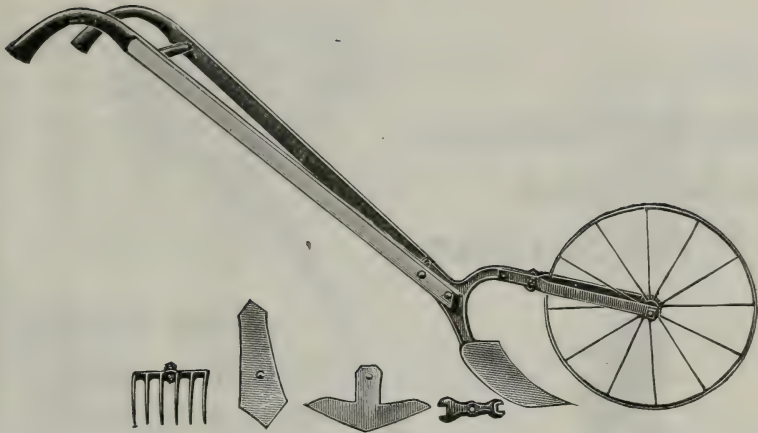
Special Offer

IN FLOWER SEEDS.

Alyssum Sweet, flowers white.....	5c
Aster, resembling a Chrysanthemum.....	10c
Candytuft, sweet scented.....	5c
Mignonette, sweet large flowered.....	5c
Pansy, choice seed, fancy mixed.....	10c
Phlox Drummondii, mixed.....	10c
Sweet Peas, fancy bloomers and climbers....	5c

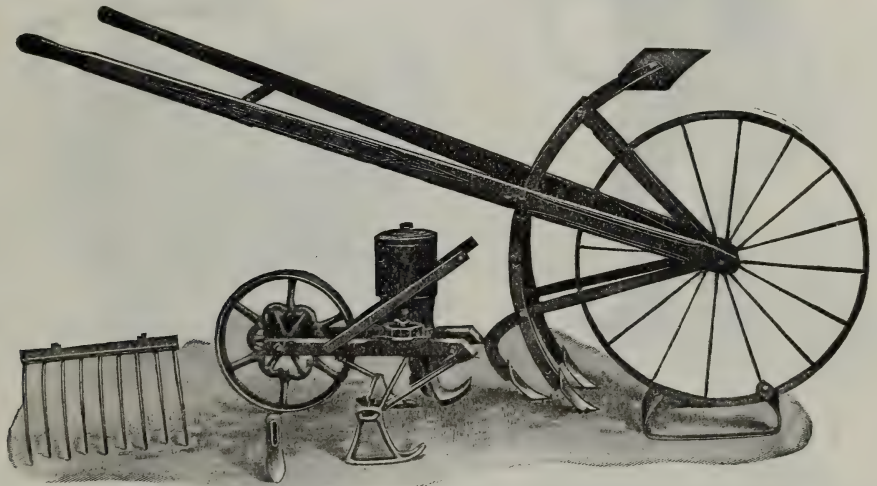
Total amount..... 50c

This special offer for 25c; purchaser not entitled to any premium. Total 50c worth for 25c.



“Moore’s” Gem Garden Plow.

This well known tool is a Cultivator and Garden Plow combined. Light, strong and easy to operate. A good tool for a small garden. Well made and extra finished. Price brings it within reach of all. Sold with attachment complete. \$2.25. Shipping weight, 18 pounds.



Moore's Gardener with Seed Drill Detached and Cultivator Ready for Use.

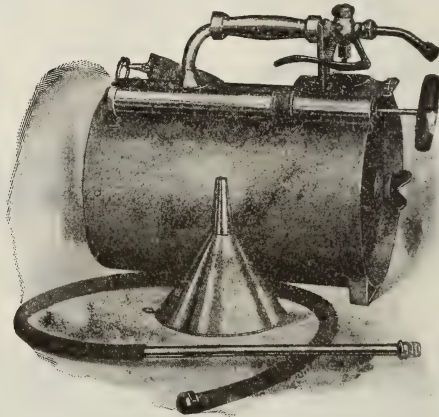
Drill attachment to Gardener can be attached or detached in five minutes. When detached, the Gardener is a complete and distinct tool with which more cultivating can be done with less labor than with any other tool made. It is made entirely of steel which makes it light and strong. It is reversible and all adjustments are made to do any kind of work without the use of a wrench. The handles can be raised or lowered instantly to run the tool any depth required or suit any height person. Its principal improvements are Adjustment, Strength, Quantity and Quality of Work, and it saves at least half in labor. We guarantee this tool in every particular. If a trial does not prove all we claim for it, it may be returned to us and we will refund your money.

List Price of Cultivator \$3.00
 List Price With Drill Attachment \$7.00

Lowell Fountain Compressed Air Sprayer



The time has
come when you
must Spray your
trees. Here is a
Sprayer that will
do the work



Uses. The Lowell Fountain Compressed Air

It is both automatic and positive in its action. One charge is sufficient to expel entire contents of tank. Each sprayer is thoroughly tested with both air and water pressure. Machine can be easily washed and aired after using. It is so simple in construction that a child can operate it. Strongest Air Pressure Sprayer made--will stand five times the air pressure necessary to operate. Convex heads, seamed and soldered. Capacity of tank 3 gallons. This Sprayer is well adapted for the fruit grower, farmer, stockman, poultryman, florist, and for use of general disinfectants. It is the strongest small tank sprayer ever made, being constructed of heavy sheet brass or galvanized steel.

A FUNNEL with corrugated spout and a 2-inch brass wire strainer inserted is used for filling. One of these funnels is furnished with each sprayer. Shoulder Strap, made of one inch heavy web, adjustable to accommodate the operator, furnished with each machine.

Saves Its Cost. This valve and lever will save the cost of the sprayer in making a given amount of solution do so much more work. ONCE Filling and One minute pumping will spray 2000 plants. None is wasted. The lever cuts off instantly at the operator's will. The crook or nozzle shown on cut is used for spraying vegetables and small fruits. For reaching the underside of leaves of goose-berries, currants, grapes, etc., the crook is turned upward instead of down as shown.

Full directions for operating with each machine. Price complete with 3 foot hose, \$4.50

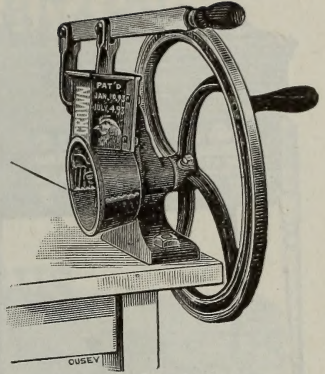
CROWN BONE CUTTER, For Green Bones.

CUTS EASY, FINE AND FAST.

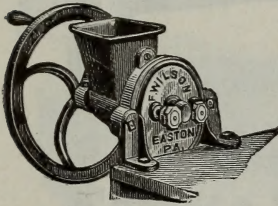
NOTHING CHEAP BUT THE PRICE.

Has Steel Knives; can be taken out and sharpened and replaced in a few minutes. Diameter of hand-wheel, 22 inches.

Weight, without Stand, 50 lbs. Price, \$6.50.



GREEN BONE CUTTER.



GRINDING MILL.

F. WILSON'S

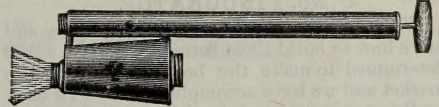
Patent Grinding Mills.

No. 1 Hand Bone, Shell and Corn Mill for the Poultryman.

This mill will grind dry bones, shells, all kinds of grain, gravel, stones, old crockery, roots, barks, spices, stale bread, etc., etc.

Price, without Stand, \$4.00; weight 33 lbs. Price, with Stand \$6.50. Diameter of hand-wheel 22 inches.

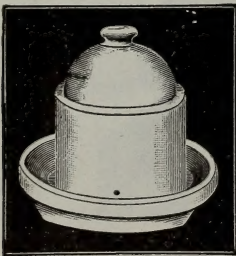
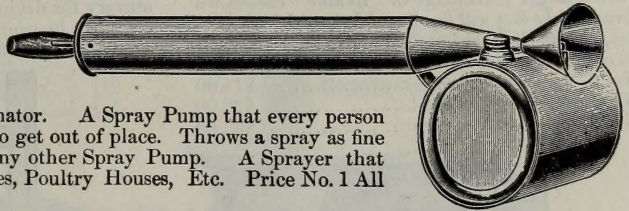
Lowell Blow Powder Sprayer



In some sections potato growers, stock and poultry raisers prefer to use Paris Green and disinfectants in powder form mixed with dry plaster. To meet such a demand the "Blow" Sprayer is recommended. It is unnecessary to give the details of the mechanical constructions of the sprayer as we give a positive guarantee with each sprayer that it is impossible to draw powder back into the cylinder pump and if the powder is sifted through a screen and kept absolutely dry it will be impossible for the same to clog. With these features covered the sprayer is sure to give satisfaction. The powder can hold one quart, and the sprayer is finished in aluminum giving same an attractive appearance. Price 50 cents.

Spray Poultry Houses with Cyclone Sprayer.

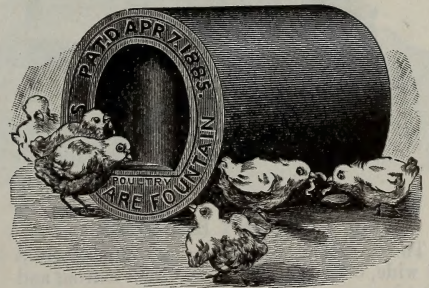
A marvelous Insect Terminator. A Spray Pump that every person needs. Always ready, no parts to get out of place. Throws a spray as fine as mist. More effectual than any other Spray Pump. A Sprayer that can be used to spray Plants, Trees, Poultry Houses, Etc. Price No. 1 All tin 50 cents.



Sanitary Poultry Fountain.

The Sanitary Fountain is used for small chicks. It is easily filled and easily cleaned; it is the best and cheapest Fountain for small Chicks.

Price 2 qt. size 20 cents, 4 qt. size 25 cents, 1/2 doz. 2 qt. size 90 cts. 1/2 doz. 4 qt. size \$1.20

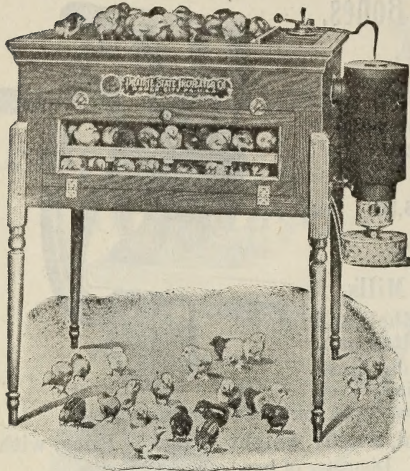


Weeks Poultry Fountain.

This is the best Water Fountain for the poultry yard for young and old Chickens. It is made of stoneware, keeps the water clean and cool.

Price 4 qt. size 25 cents, 8 qt. size 30 cents, 1/2 doz. 4 qt. size \$1.20 1/2 doz. 8 qt. size \$1.50

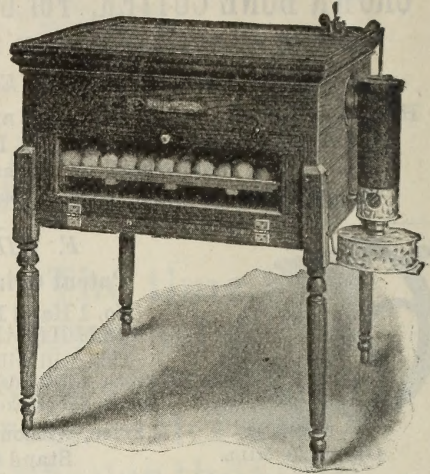
Prairie State Incubators and Brooders



No. 1 INCUBATOR

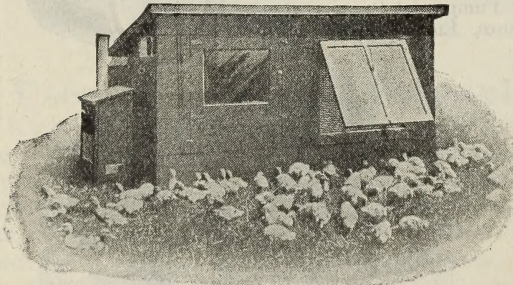
We are still hard at it and learning more and more how to build them better every day. We determined to make the best machines on the market and we have accomplished it. To back up this statement we claim that the Prairie State Sand Tray Incubator will produce a higher percentage of "livable" chicks than any other machine on the market. This we can prove, not by our tests, but by the results in the hands of their users. Now we are too conscientious to claim that the Prairie State is a hundred per cent hatcher. There are plenty making such ridiculous claims. But when we say that it will produce a larger percentage of "livable" chicks we mean *chicks that will live* beyond the critical period, chicks that are hatched with vitality enough to carry them safely over this point.

- No. 0. — 100 hen eggs.....\$18.00
- No. 1. — 150 hen eggs.....\$22.50
- No. 2. — 240 hen eggs.....\$32.00



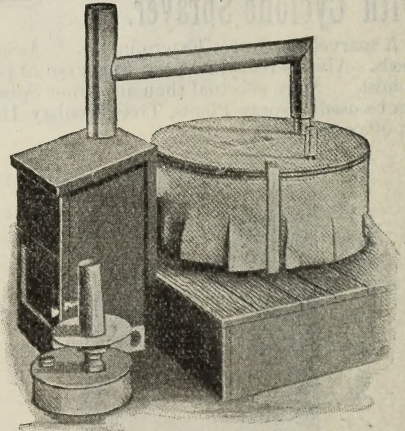
No. 2 JUNIOR INCUBATOR

For years we have been receiving calls for a cheaper machine. This machine is as carefully built as the higher-priced machines and of just as good material. It being smaller, short cuts or trimmings from the larger machines are used in its construction. Less insulation is used in the walls than the regular machines. The outside case is of clear lumber, free from knots, smooth, filled and varnished natural wood. The case is double-insulated with cotton batting and papered insulation. The eddy-current system of heat distribution is used, double ventilation, direct current or diffusive, applied moisture, wet-sand tray; nursery for drying off and hardening the chicks, complete in every particular. No. 2 115 hen eggs. 95 lbs. crated, Price, \$15.00



No. 1 COLONY BROODER

The brooder is full size in all dimensions, 3 feet wide, 6 feet long and 3 feet high in front and 2 feet in rear with tin roof. The interior is divided by a movable partition into two compartments; the nursery room and the exercising room or sun parlor. A glass door in front, 22 inches wide, furnishes light and access to the chicks. Weight, crated, 300 pounds. Price, \$20.00



UNIVERSAL HOVER

This is the same Hover that is used in the Brooder. You can buy the Hover and use it in any Brooding house. Hover and lamp with smoke pipes. Price, \$6.00

Illustrated Catalogue On Request

We are Agents for the Prairie State Incubator Company. Discount to Dealers,
Address all orders to J. M. PHILIPS' SONS, MERCERSBURG, PA.

BULBS FOR FALL PLANTING

HYACINTHS

TULIPS

NARCISSUS

CROCUS

Chinese Sacred Lillies

Japan Lillies

Azalea Indica, Plants

Write us list of wants, special price quoted by letter. All orders received before June 20th, ready for delivery Aug. to Nov.

STERLINGWORTH



CONCENTRATED PLANT TABLETS.

A NEW SCIENTIFIC ODORLESS RENOVATOR FOR POTTED PLANTS.

We do not claim that this is a fertilizer, but we do claim that by a new, scientific process it will make plants grow and bloom luxuriantly, and drive troublesome insects from the soil. These tablets are odorless, safe and clean to use, and take the place of liquid manure or powdered fertilizer. If your plants are not doing well, try "Sterlingworth" Plant Tablets, and see how quickly they are benefited. Trial size box, sufficient for 10 house plants for 3 months, 10 cents, postpaid. Regular sizes sufficient for 35 plants for 3 months, 25 cents postpaid.

Directions for using on each box.

Address. J. M. PHILIPS' SONS,

No. 312-1st Ave. Pittsburgh, Pa.

Fresh and Reliable Seeds

J. M. Philips' Sons,

312 - 1ST AVENUE.

Pittsburgh,

Pa.



1910

STECHER LITH. CO. BOCA RON, N.Y.
EVERY-THING FOR THE GARDEN