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Do not assume content reflects current scientific knowledge, policies, or practices.
It is a perfectly hardy, perennial vine of rare and exquisite beauty, which blooms early in June from seed sown in April, and bears in the greatest profusion inverted, pea-shaped flowers from 1½ to 2½ inches in diameter, and ranging in color from a rosy violet to a reddish purple, with a broad, feathered white marking through the centre. The large buds and the back of the flowers are pure-white, making it appear as if one plant bore many different colored flowers at one time. Occasionally plants bear pure-white flowers, while others are margined with a broad, white feathering. The flowers are produced in the greatest abundance, sometimes 6 to 8 in a single cluster.

The stem and foliage are very graceful, and of a delightful odor. Blooming stems placed in water will remain fresh for many days.

This grand novelty is one of the most striking that has been brought before the public in many years. It is exceedingly well adapted for every garden purpose, and especially as a climber, running 6 to 8 feet in a season. Even in the poorest soil it will bloom freely until cut down by the frost.

No order will be complete without it contains a package of Centrosema Grandiflora.

Price, 20 cts. per packet; 3 packets for 50 cts.
Emilly Ladenburg.
Incurved Japanese. Bloof of large size, and high built solid form, deepest crimson, nearest approach to black, never burns as crimsons are apt to do; strong, healthy habit, winner of Ouldric’s cup at Madison Square Garden, 1891, for best crimson seedling. Silver medal at Philadelphia, first prize Madison Square Garden, 1892, for best seedling exhibited previous to 1892, and superior to existing varieties. Single plants, $1.00.

Wyndmoo.
A full and extremely double Japanese novelty, of largest size, without an eye, solid and well built, having been grown 10 inches across, style and shape of Mrs. C. Clark, except in color, which is a rich chestnut red, similar to W. W. Coles, but brighter. Habit perfect for bush or exhibition bloom. Single plants, $1.00.

Mabel Simpkins.
An immense incurved Chinese bloom of purest snow-white, a solid ball with high centre, style of L. C. Madeira; grand for any purpose. The best white Chinese ever distributed. Awarded silver cup at Madison Square Garden for best white seedling. Single plants, $1.50.

A. A. Sturges.
Magnificent, broad flower of large size, full and double to the centre, petals very long and broad, color brightest golden yellow on both upper and lower surfaces, the entire bloom being a deep golden color without shadings. Single plants, $1.00.

Mrs. Dudley C. Hall.
Chaste and beautiful acquisition to the Chinese section; rich yellow sport from St. Patrick, large size, deep solid wall, perfect in habit and form, a fine exhibition variety, certificated by Massachusetts Horticultural Society, also Madison Square Garden, New York. Single plants, $1.00.

American Flag.
An immense double and solid Japanese variety of most novel and striking effect; color silvery rose, each petal regularly lined and striped with darkest crimson. A grand exhibition bloom and novelty. Single plants, $1.00.

Walter Hunnewell.
A mammoth, strikingly handsome, bronze-yellow, incurved Japanese bloom, with broad, solid florets and flowers of great depth; perfectly double, dwarf and sturdy habit. Awarded certificate by Massachusetts Horticultural Society. Single plants, $1.50.

Martha Duryea.
Superb clear-white; petals broad and thick, solid to the centre; flower of largest size; robust habit, stems stiff, covered with luxuriant foliage; a grand white for market, exhibition, or bush specimens. Single plants, $1.00.

M. B. Spaulding.
An enormous deep-lemon color, immense in size; petals incurving and interlacing; centre full and high, without an eye; one of the most double flowers in commerce; a grand show variety. Awarded the Blanc prize at Philadelphia, 1891, for best seedling; also silver medal, first class certificate, Madison Square Garden, 1892. Stock limited. Single plants, $1.50.

Bryden, Jr.
A grand Japanese incurved variety; clear, soft yellow, shade of H. Cannell; extra large petals, twisting and incurving to centre in same style, although not as compact. Flowers of largest size, borne on strong stems. Awarded silver medal by Pennsylvania Horticultural Society, also certificate at Madison Square Garden. Single plants, $1.00.

Mrs. J. M. Schley.
A magnificent extra large incurved Japanese variety, double, and solid bloom; thick, broad, heavy petals, cupping and incurving around the centre. Awarded certificate by Pennsylvania Horticultural Society. Single plants, $1.00.

Ada Strickland.
Fine symmetrical formed Anemone; rich chestnut red, without shadings; centre full and high, style of Charles Leboeuf; ray petals, broad, flat, and regular; a perfect star, superior to any of this class. Awarded certificate at Madison Square Garden, 1892. Single plants, $1.00.

This superb collection of 12 prize-winning varieties, offered for the first time this season, will be sent for $10.00 to any address in the United States. Ready for distribution March 1st.
COMET ASTER,
Pure-White.
Since the strain of asters was introduced several years ago in colors rose mixed with white, rose and light blue, we have had many testimonials from our customers speaking very highly of this class. Now we have a pure-white which far surpasses all the others. The flowers are much larger and more curled. Price, 25 cts.

Aster, Snowball.
A beautiful white aster of robust form, the flowers bearing a striking resemblance to those of the bouquet dahlia, single plants often producing thirty flowers, and remaining longer in bloom than any other aster, which gives it a decided advantage as a "cut flower" for florists' use. It may be grown as a pot plant. Per pkt., 20 cts.

MIGNONETTE,
Improved Victoria.
This mignonette which grows only about 6 inches high, will put every lover of flowers in ecstasy by its perfectly regular, pyramidal habit; and the elegant, beautifully formed spikes which are profusely covered with perfectly brilliant red flowers. The flower is larger and of a more brilliant red color than that of the old Victoria Mignonette, and contrasts grandly with the dark, glossy green foliage. This novelty, which ranks as the first amongst all mignonettes, is equally valuable for pot-culture, as also for edgings where it is planted at 8 inches distance. Price, 25 cts. per packet.

Impatiens Sultani Hybrida.
Charming hybrids of this universal favorite were raised last year in Belgium. While retaining the habit of growth of the type species, they produce lovely flowers of very numerous pleasing shades of color, varying from the most delicate pink to the deepest red. The seed we offer for the first time is mixed, and has been saved solely from these new hybrids, and it will be found to perpetuate them exactly. We particularly recommend these beautiful novelties to the trade, persuaded, as we are, that they will quickly meet with the same appreciation as the parent species. Price, per pkt., 20 cts.

PAPAVER GLAUCUM,
Tulip Poppy.
Magnificent species, originating from Armenia, whence it was received by Mr. Max Leichtlin to whom we are indebted for the introduction of so many valuable plants. P. Glaucescens belongs to the Rhoeas group; the specific name refers to its bluish-green leaves, which are broadly pinnate or lobed. The plant rises to a height of from 12 to 14 inches, and produces, well above the foliage, fifty to sixty large and splendid flowers of the most vivid scarlet imaginable. The two outer petals of the flower bear a similarity to a saucer in which are set two erect petals, of the same color, forming a pouch-like receptacle enclosing and seemingly protecting the anthers. When the flowers begin to fade, two black spots are visible at the base of the petals.

From a mere description no adequate idea can be gained of the strikingly beautiful effect presented by a bed or mass when the plants are in full bloom, the color being seen even from afar, of such glowing richness as to perfectly dazzle the eye; the beholder is at once reminded of the Scarlet Due Von Tholl, or Vormillion Brilliant Tulips, and for this reason we think the fitness of the popular name, "Tulip Poppy," will hardly be questioned. It commences blooming early in June, and flowers abundantly and in uninterrupted succession for a period of six to eight weeks. Sown where the plants are to bloom, the minute seed lies several weeks before germinating; in a hot-bed it comes up in about eight days. Price, per ft., 20 cts.

"GOLDEN YELLOW" JAPAN BRANCHED COCKSCOMB.
(Celosia Japonica aurea.)
In habit this is the same as the favorite crimson variety, forming a pyramidal branched plant about two feet high, each branch being surmounted by a finely ruffled comb of bright golden yellow. Price, per pkt., 20 cts.
Water Lilies

(Grown as annuals from seed).

No class of plants has created such a decided sensation as these grand Water Lilies. Though natives of the tropical island of Zanzibar, their growth is wonderful and rapid from seed. Sown in March they will make nice plants by June, which begin blooming in July, and will continue to produce a profusion of flowers every day until frozen in the fall. This is no exaggerated statement; it has been proven under our own observation.

Plant seed in old teacups about the middle of March. Fill the cup two thirds full of rich garden soil, press firm, and scatter the seed on top; cover carefully with sand, then fill with water and place in a temperature of from seventy to eighty until the germinate, which will be in about ten days; then move to a warm, sunny window. After the plants are large enough to handle, prick out and set them into two-inch pots, and place in a pan of water deep enough to cover the pots, about an inch. Keep in a warm window until about the first of June, then transplant into tubs or pool of water out of doors.

Blue Zanzibar Water Lily.

(Nymphaea Zanzibarensis Azurea).

Plants grown from seed produce flowers of various shades of blue, from the lightest to a royal purple. They are very large, with beautiful color and golden yellow stems, and remain in perfection four days, opening in the morning and closing at night each day. Seed, per pkt., 20 cts.

Red Zanzibar Water Lily

(Nymphaea Zanzibarensis Rosea).

A superb and rare variety of the red, and like the blue in every respect except color, which varies from a beautiful rich pink to a deep crimson.

Seed, per pkt., 25 cts. We have a limited supply of strong, healthy bulbs of both the above varieties, for immediate blooming, for those who do not care to grow from seed. Per bulb, 75 cts.

Stock.

Ten-week White Mammoth.

A grand novelty of high perfection which will be much appreciated by all lovers of Stocks. The plant is of a luxurious robust growth, attains in the open ground a height of 3 feet, and produces only a single strong spike about 1 foot in length, closely covered with enormously large, faultlessly shaped flowers of the purest possible white. The luxurious growth and the large white flowers of this novelty make it particularly valuable for large groups.

Price, 25 cts. per packet.

PHLOX DRUMMONDII

(LUTEA FLORA PLENO).

Of late years several semi-double flowering Phlox Drummondii have been introduced, the value of which as cut flowers will have been recognized by those who have tried them. The very pretty yellow flowering variety which we now offer comes quite true from seed, and possesses a slight perfume.

It is worthy of note that in order to produce the best double flowers these Phloxes should be grown in a light soil.

Price, 20 cts. per packet.

SCABIOUS,

Golden-Yellow Double.

After several years of careful selection, we have at last succeeded in raising a pure yellow Scabious which comes almost true from seed. The plants of this pretty and useful novelty are semi-dwarf and bushy, and bear in great profusion compact double flowers of a very fine golden yellow color, which are admirably adapted for cutting.

A yellow Scabious having been long looked for, we do not doubt that this introduction will secure a large share of popular favor.

Price, 25 cts. per packet.
DREER'S BUSH LIMA

It is a true bush variety of Dreer's Improved Lima, possessing all the good qualities of that excellent and well-known sort. The plants grow from one and a half to two feet high, of vigorous bushy habit, producing pods in great abundance. The beans grow close together in the pods, are very thick, sweet and succulent, and ripen fully ten days earlier than the pole Lima.

The following notes are taken from trials made this last summer:

First planting made May 4th, matured August 30th—ninety-one days from planting. During growing period the weather was wet. The beans were well set, and matured eight days before Dreer's Improved Pole Lima. The pods of the bush variety were equally as large and full.

Second planting made on same soil May 30th, matured August 21st, eighty-six days, ten days ahead of the pole variety. The beans were better set, owing to a longer period of dry weather. Many of the pods contained five beans, and forty per cent, four in a pod. Where this bush variety is planted on light, rich soil, it shows an increase in crop and less growth of plant.

As examples of the productiveness of this bean, many specimens have been received from gardeners who have grown it this year, bearing from one hundred to one hundred and eighty-five pods.

Price, per pkt., 15 cts.; ½ pint, 40 cts.; pint, 75 cts.; quart, $1.40.

BUSH LIMA BEANS.

There are three distinct types of Lima Beans, the most widely known and cultivated of which is the large white Lima. The others are the small white Lima (Sieva) and the Potato Lima, or Dreer's Improved. All these have, until recently, been known as climbers only, their vigorous growth making tall poles an indispensible feature in their cultivation. In field-culture poles add considerably to the expense of the crop, while in gardens they are anything but an ornament.

Henderson's Bush Lima, a dwarf variety of the Sieva, was the first intimation of the possibility of a Lima Bean becoming dwarfed. Then came Burpee's Bush Lima, a dwarf variety of the large Lima, and Dreer's Bush Lima, a dwarf of Dreer's Improved Lima.

Burpee's Bush Lima

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

Price, per pkt., 15 cts.; ½ pint, 40 cts.; pint, 75 cts.; quart, $1.40.
This tomato is the result of many years' careful selection by one of the most successful tomato growers of Atlantic County, New Jersey, who has for a few years past shipped to New York and Philadelphia markets fine large tomatoes fully two weeks ahead of all competitors, being the first Northern fruit that has reached those markets. The vines grow strong, stiff, and very rapidly, setting the crown fruit when quite young, the buds appearing before the plant is four inches high. The fruit is borne in immense clusters, each vine producing from sixty to eighty large, perfect fruits, very solid and of the finest quality, being unusually free from core and seeds. Another great feature, besides extreme earliness, about this tomato, and one which must prove of great advantage to all tomato growers and market gardeners, is that when first ripening it ripens more evenly and abundantly than any other tomato grown. It is by far the most valuable market variety ever introduced, and is so pronounced by every gardener who has grown it the past three seasons. All of this seed we have grown on our Arlington Farm. Per pkt., 10 cts.; per oz., 40 cts.; ½ lb., $1.00.

**Turkish Dwarf Water Melon.**

This new melon, offered for the first time last season, is of Turkish origin, and we predict for it a very prominent place in public favor as soon as its merits are known. It is extra early, and the vines of dwarf habit, allowing it to stand at least one-third closer than ordinary sorts. The quality is not excelled, and all things considered, we claim for it the first place among early market sorts. Per pkt., 10 cts.

**Crosby Improved Egyptian Beet.**

This variety was obtained by the late Josiah Crosby, of Arlington, as a result of repeated and careful selection, for a number of years, from the original Egyptian Beet, and has been improved by W. W. Rawson, until now it is the first beet in the market, being from four to six days earlier than any other variety, except the Boston Market, and, in comparison with the old sort, it is better in form being thicker and more even in growth, and excelling it in quality. Per pkt., 5 cts.; oz., 10 cts.; ½ lb., 25 cts.; lb., $1.00.

**Boston Market Beet.**

This beet originated on our grounds four years ago, and we have been carefully watching its developments for the past three seasons with this result. We find it ranks as one of the earliest, coming at the same time of the Crosby Egyptian, is of darker blood color, and runs very uniform in shape, being medium size and somewhat thicker than the other early beets. For early bunching, we think this is going to supersede all others as it has a smaller top, which is of great advantage to market gardeners. Per pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., $1.00.
Improved DANVERS

We have this year grown this strain of Danners from our own seed. The type is long in size, round and smooth, and has a very attractive shape and rich yellow color. All the present seed of this strain has been grown under our own roof. This strain will produce a larger crop than any other variety. It is a very clean market variety. Price, per pkt., 5 cts.; oz., 15 cts.; lb., $1.00.

Half Long CARROT

The half long carrot seed is very good in size, shape, and color, and will produce a larger crop than any other variety of the same size. It is a very clean market variety. Price, per pkt., 5 cts.; oz., 15 cts.; lb., $1.00.

STONE MASON DRUMHEAD CABBAGE

This cabbage has been the leading variety grown around Boston for many years. It is a drumhead type of cabbage, and is most suitable for forcing or storage. The original stock of this strain was supplied by Mr. Rawson when he produced his stock of the variety. This strain is a very clean market variety. Price, per pkt., 5 cts.; oz., 15 cts.; lb., $1.00.

RAWSON’S WHITE SPINE

It is a well-known fact that the Cucumbers brought into Boston market by Mr. Rawson are superior in size and form to others; the reason being that all of the seed of this strain has been grown under our roof, and the first set on the vines, as it is a well-known fact that the first fruit is unusually even in form and size, and continues so through the season. It is especially recommended to market gardeners for forcing, as the seed has been selected from the best specimens secured in our greenhouses, and we believe the strain second to none. Price, per pkt., 10 cts.; per oz., 25 cts.; lb., $1.00.

ONION, WHITE MULTIPLIER

These are of a pure silver-white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster from a single bulb; of excellent quality and size for bunching, or can be ripened for use as pickling onions. Their keeping qualities are remarkable, being kept perfectly sound for a year. They are extremely early, being ready for market from three to four weeks ahead of any other kind. Price, per qt., 30 cts.; per peck, $1.00.

ARLINGTON SUMMER CROOKNECK SQUASH

The crookneck class of Squashes surpasses in quality any of the summer varieties, and in the Arlington we have a squash nearly double the size of the original. The neck is not crooked quite as much. It has the same delicious flavor. For the past three years the market gardeners around Boston have planted this variety almost entirely, as they get twice the weight of crop from the same ground. It is equally well adapted for private use. Per pkt., 5 cts.; oz., 15 cts.; lb., $1.00.

Globe Curled Savoy Cabbage

This is the popular curled Savoy cabbage of the Boston market; the quality is excellent. It is a sure header, and one of the best keepers for winter use. All of the seed of this variety we grow on our farms at Arlington. Per pkt., 5 cts.; oz., 40 cts.; lb., $1.25; lb., $4.00.
RAWSON’S NEW HOT-HOUSE LETTUCE

Is especially adapted for growing in greenhouses and hot-beds, as it is the largest lettuce grown. It is nearly double the size of the famous Boston Market or White Seed Tennis Ball. This variety does not decay in the heart as others do, which makes it the most desirable sort for market gardeners. The seed is all grown at Arlington, and under glass, which is another advantage for inside growing.

The photograph which this cut represents was taken the latter part of November, just before the lettuce was ready to head, in one of our large greenhouses, three hundred and twenty feet long and thirty-two feet wide, in which we grow two thousand dozen heads at one time.

We have only a limited amount of this seed this season, as our crop was very short, and the early demand far exceeded our expectations.

Price, per pkt., 20 cts.; oz., $1.00, in sealed packets only.
The following varieties of Vegetables are as such as are grown by the leading Market-Gardeners of Arlington. The seed of the varieties are all Arlington grown and from the choicest strains, which are the results of years of careful and continued selection; therefore, they can be relied upon in every particular as the choicest and best of their kind.

Beech, Crosby's Improved Egyptian.—This variety, well known by some of our Arlington gardeners, is the result of repeated and careful selection and is considered one of the best grown by the late Mr. Joseph Crosby, of Arlington, who started from his stock of the original Egyptian Beech. By his method he succeeded not only in producing a variety that was better in form, being thicker and smoother, or evener in growth, but better in quality than the older sort. It is the earliest beet grown. Per pkt., 5 cts.; oz., 10 cts.; lb., 30 cts.; No. 1.

Beech, Rawson's Arlington Favorite.—An improved sort, which, for form, flavor, deep blood-red color of the flesh, small size, and general excellence for market or garden culture cannot be excelled, if equaled, by any other variety. A strong proof of its superiority over all others is the readiness with which it is bought at the highest prices when we make their appearance at the markets. It has taken first premiums wherever exhibited over all others. We consider it a decided improvement on every variety. Per pkt., 5 cts.; oz., 10 cts.; lb., 30 cts.; No. 1.

Cabbage, Rawson's Early Summer.—An extra choice selection, from the Early Summer, but at a about a week earlier than that popular variety; head fully equaling it, in size, but forming more oval. Per pkt., 10 cts.; oz., 46 cts.; lb., $1.00; $1.50; $3.00. No. 3.

Carrot, Improved Danvers.—Color, bright orange red; very productive and an excellent market sort. Per pkt., 5 cts.; oz., 10 cts.; lb., 30 cts.; No. 4.

Celery, Boston Market.—This is the old variety which has been grown for this market for the past forty years; and, is still considered the best late celery in cultivation. It blanches quickly, and is well known for its hardness and crispness, the stalks made being stringy, even at an advanced stage of growth. Per pkt., 10 cts.; oz., 40 cts.; lb., $1.50, $3.00. No. 5.

Celery, Paris Golden.—(Self Blanching.) It is the earliest variety grown. Color beautiful golden yellow; solid and of excellent flavor, requiring but very little blanching. It is almost the only celery used around Boston for the past five years. Per pkt., 10 cts.; oz., 40 cts.; lb., $1.50, $3.00. No. 8.

Corn, Sweet, Crosby's Extra Early.—This variety, first introduced by that esteemed market gardener, Josiah Crosby, of Arlington, many years since, is still considered the standard of excellence in point of quality and is the favorite variety in the Boston markets. It has however, greatly deteriorated in quality in many localities on account of becoming hybridized with other varieties. Our stock was procured direct from the originator and has been grown with the strictest care by our own premises, so that we can guarantee it as the true variety. It is still without a rival for an early market variety, and one of the best for canning. Per pkt., 10 cts.; oz., 40 cts.; lb., $1.50, $3.00. No. 5.

Cucumber, Rawson's White Spine.—A remarkable fine strain, grown on the premises, even late and regular in form. It is specially recommended to Market-Gardeners from the fact that the first set on the vines is unusually even in form and size, and continues so through the season. Besides its color longer than any other. This variety brings a higher price per dozen, early in the season, both in the New York and Boston markets, than could be obtained for the southern grown by the crate. Per lb., $1.00, $1.50, $2.50, $3.50; oz., 40 cts.; pkt., 10 cts. No. 7.

Dandelion, Improved French Thick-Leafed.—We can heartily recommend this, as a choice variety, of long standing and highly recommended, for excellence in every respect. Per lb., $2.00; $1.00, $1.50, $2.50; oz., 40 cts.; pkt., 10 cts. No. 9.


Lettuce, Black Seed Tenassiball.—This is considered by many growers to be the very best variety in cultivation for outdoor culture. Our stock is grown from stock raised expressly for this purpose and is exceptionally fine. Per lb., $3.00; $2.00, $1.00; oz., 30 cts.; pkt., 10 cts. No. 6.

Lettuce, Rawson's New Hot-House.—This variety is especially adapted for growing in green-houses and hot-houses, being the largest lettuce grown, nearly double the size of the famous Boston Market or White Seed Tenassiball. It is a slow headed and not liable to run to heart, thus making it the most desirable variety for market-gardeners. All of the seed has been grown under glass, which makes it of far more value for growing under glass than any other variety. Per pkt., 20 cts. No. 8.

Lettuce, Boston Market, or White Seed Tennis Ball.—This variety is grown extensively by market gardeners under glass for winter use. Very compact head, and of the best quality. Per pkt., 5 cts.; oz., 30 cts.; lb., $1.00; $2.00. No. 1.

Lettuce, Seedless Curly.—A very beautiful variety, and of very superior quality. The symmetry of its growth, and fine elegant frilling of the leaves, render it highly ornamental, and it is certainly the finest curled variety grown. Per lb., $1.50; $3.00, $5.00. No. 5.

Melon, Arlington Nutmeg.—This is one of the finest green-flashed varieties; very fine netted, and of delicious flavor. Very Choice. Per lb., $2.50; $5.00. No. 2.

Musk-Melon, Long Yellow.—This has for many years been a prime favorite with Market-Gardeners. Is of large size and yellow flesh. Per lb., $1.00; $2.50; $5.00. No. 1.

Onion, Danvers Yellow Globe.—This onion has been for many years the favorite, and is now almost the only sort grown for the Boston market. The quality is not so good as that of our own red crown, and not nearly as thick bulbul, flat or slightly convex bottom; full, oval top with small neck and rich golden-yellow color. Our stock of this type is more or less bottomed when grown from onions having too much depth of bulb or globe-shaped. These tend to stay into thick necks or fijillons. The seed we offer was grown from as fine and perfect a selection of the variety as could be had, and we unhesitatingly recommend it as superior in quality and occupying the second place to any of the varieties to be obtained anywhere. Per pkt., 5 cts.; oz., 35 cts.; lb., $1.00; $3.00. No. 16.

Parsnip, Arlington Long Smooth.—An improvement on the ordinary Long Smooth; very smooth and true. Unsurpassed for market or exhibition purposes. Per lb., $1.00; $3.00, 50c.; oz., 10c.; pkt., 5c. No. 11.

Radish, American Long Scarlet.—This is the standard variety grown for market or garden culture. It has a bright red, erect, upright, thick red root, with one of fine quality, with small top. Per lb., 5c.; oz., 1c.; pkt., 2c. No. 15.

Radish, Sterling Scarlet Marvel.—It is of globular shape, of a brilliant scarlet color and has a very short top. In flavor it all that can be desired, the flesh is tender and crisp. Excellent for forcing. Per pkt., 5 cts.; oz., 10 cts.; lb., $1.00, $2.00. No. 10.

Squash, Arlington Summer Crookneck.—The richest and best for summer use. Very early and productive. The popular market variety. Per lb., $1.25; $2.50; oz., 3c.; pkt., 5c. No. 25.

Squash, Bay State.—The chief points of excellence in this variety are its extreme solidity, heavy weight, firmness and dryness of skin, and sweetness and mild flavor. It has the free of disease. Bred by giving assurance of being an excellent keeper. The shell being green, renders it especially valuable in markets where the demand is for a green winter squash. Per pkt., 5 cts.; oz., 10 cts.; lb., $2.00; $3.50. No. 15.

Squash, Early Prolific, or Orange Marvel.—There is no variety for fall and winter that can compete with this in firmness and productive- ness, the two most important features for the market-gardener, while its attractive color—brilliant orange-red—good cooking and keeping qualities, make it popular with the consumer. Per pkt., 5 cts.; oz., 1c.; lb., $3.50. No. 25.

Spinach, Arlington Pointed Leaf.—A hardy, large-growing variety, used quite extensively by our Arlington gardeners for fall sowing. Per lb., 3c.; oz., 2c.; pkt., 5c. No. 36.

Tomato, Atlantic Prize.—The vines grow strong, tall and very rapidly; setting the crown fruit when quite young. The fruit is very solid and of the finest quality, being uniformly free from core and seeds. When first fruiting it ripens more evenly and abundantly than any other tomato grown. It is by far the most valuable market variety ever introduced, it being the first ever offered for sale. Per lb., $3.00, 50c.; oz., 1c.; pkt., 1c. No. 17.

Tomato, Rawson's Puriian.—We believe that the variety possesses important advantages over any other, especially for marketing. In com- parative size and quality, it has shown not only a marked vigour of growth and productivity over any of its competitors, but even during the past unfavorable season it has been entirely free from disease and "leaf curl." It never cracks, and, being very firm, and that of bright scarlet color, which marketmen prefer, it has taken the lead since first offered to this market. Per pkt., 10c.; oz., 2c.; pkt., 5c. No. 17.

For illustration of many of the above varieties, see colored plates, all of which were taken from life.

WE WILL SEND A TRIAL PACKAGE of the twenty-six varieties named in this list, POST PAID to any address in the United States upon receipt of $1.50.
### Collection of Kitchen Garden Seeds

**A complete assortment of vegetable seeds for one year's supply for a large or small garden.**

The following collections are made up in the most liberal manner, being taken to give a sufficient quantity of all the finest varieties and most useful sorts of vegetables required in the kitchen garden, and are prepared for immediate shipment during the busy season; consequently no change can be made in the quantities varieties. Those who do not wish for the entire collection are advised to make up their orders from the body of the catalogue. Collections Nos. 6, 7 and 8 are prepared expressly for forwarding by mail, and will be mailed postpaid to any part of the United States upon receipt of price affixed.

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<th>Collection No. 3</th>
<th>Collection No. 4</th>
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#### Collection of Garden Comestibles:

- **PEAS.**
  - 1 qt,
- **BRAZILIAN.**
  - 1 oz,
- **CORN.**
  - 1 oz,
- **ARTICLES.**
  - 1 oz,
- **LEEK.**
  - 1 oz,
- **MUSTARD.**
  - 1 oz,
- **PARSLEY.**
  - 1 oz,
- **PEPPERS.**
  - 1 oz,
- **RADIANT.**
  - 1 oz,
- **SALISF.**
  - 1 oz,
- **SPINACH.**
  - 1 oz,
- **SQUASH.**
  - 1 oz,
- **SWEET AND POT HERBS.**
  - 1 oz,
That all seeds sold by us shall prove to be as represented, to this extent, that they grow, and will not send other seeds to the same value. But we cannot guarantee the crop if they prove otherwise, we will replace them, or send other seeds of the same kind. Any abuse of the above offer, as there are so many seeds, may damage or injure our reputation. The seed may be in good condition when the seed is planted, but the weather conditions may vary and cause the seed to rot; or may be hot and dry, which destroys the germ before it shows itself. The soil may also be unfavorable for the variety of seed planted. The seeds may be, and are frequently, destroyed by vermin of various kinds. And, generally, changes not infrequently occur, especially among new hybridized varieties, by which frequent sports are produced which give the planter the impression they are new varieties. We guarantee that the seeds are pure and reliable. We do not give any warranty, express or implied. If the purchaser does not accept the seeds on these terms and conditions, they must be returned at once, and the money that has been paid for same will be refunded.

**HOW TO PREPARE HOT-BEDS.**

For a location, a spot facing the south, with a slope in that direction, is the most preferable. After the location has been selected, a fence should be erected six feet high, and of the length which the bed is to be, to serve as a protection from the wind, and as a support for masts and shutters. For convenience, the fence, or wind-break, should slant back a little from the bottom, about one foot; it will then form a better support for masts and shutters when leaned against it, and will be more convenient in working around the beds.

The first plank should be set about three and a half feet from the base fence, and should be two inches thick by twelve inches. The front should be two inches narrower. Place the back plank two and a half inches above the ground, and hold in place by driving stakes at the middle. Continue the planking in this manner until the desired length is reached. The stakes should, of course, be nailed to the planks. The front plank six feet from the first, and sink into the ground so the upper edge will be five inches lower than the top of the first, makes a slant of five inches to carry off the water. Continue this length as the first, and you will then have a bed six feet wide by the desired length. Shovel out the loam sufficient to bank the outside edge about half the height, putting in spreading to keep soil from running in. Let the ground freeze about three inches deep, then he Banking with leaves or litter to keep out the frost. The bed is for lettuce, throw out the loam on the back side of the the depth of twenty-four inches from the upper edge of the plank, and twenty-two inches in front, and of the length required, so as to make room for the manure. Prepare the required heat by selecting moderately coarse horse manure four or five days before using, turning it once or twice. A horse-cart load, containing about thirty-six feet, is sufficient for a bed six feet square, or for two sashes, the depth of the manure being one foot. This should be trodden down, and made smooth on top; then put in the loam from under the next two sashes, cover to the depth of eight inches, and continue in this manner as far as required; then bring the loam which was taken from the first two sashes, and put it under the last, which completes the bed.

Radishes require less heat than lettuce, just as a crop of young cauliflower or cabbage requires less heat than tomatoes, eggplants, or others of tropical nature. For radishes, a cart-load of manure, containing thirty-six feet, would be sufficient for nine feet of bed, or three sashes, and should be covered by one foot of loam. For forcing cucumbers more heat is required than for lettuce, according to the season. In any case, the bed should stand a day after it is prepared, to allow the soil to heat through; it is then ready for seeds or plants. For sowing flower seeds for early flowering, the bed should be prepared as recommended for radishes. A seed frame is constructed on the plan described for hot-beds, except that the manure is omitted, and the soil prepared as described for hardy annuals.

The above instructions are designed for market-gardeners and large growers, but for the family gardener a very small hot-bed will usually suffice; the best plan is to construct a frame for the sash by nailing planks of the required dimensions together, so as to form a box for the frame to rest on.

Two ordinary-sized sashes, three by six feet, will usually be ample large enough to give a good supply of plants, if properly cared for, for the ordinary home garden. The lower edge of the frame should be sunk into the ground and the outside banked, and the whole treated as has been recommended for the larger beds. We have endeavored to be as explicit as possible, so that our directions would be plain, not only to the market gardener, but to the amateur, or to those who are just undertaking the construction of a hot-bed for the growing of flowering plants or vegetables, and who were hitherto unacquainted with their management.

**TRADE MARK.**

For the safety of our customers we have been obliged to establish a trade mark which will hereafter appear on every package of seed going out of our store. It has been our constant aim to have nothing but the best of seeds, and the presence of this seal in green will assure our customers that the seed is pure and reliable. We handle no cheap grade.

**CATALOGUES.**

We publish annually the following catalogues which are sent to all our regular customers free:

- January 10. Trade List.
- January 15. General Retail Catalogue.
- June 1. Small Fruit and Vegetable Plants.
- September 1. Retail catalogue of Fruits.

We send any of these free on application.

See page 14 for books pertaining to Agriculture and Horticulture.
We offer below a list of standard books, written by acknowledged authorities on the subject of which they treat. We will mail them to any address in the United States, on receipt of price; or they will be sent free, as premiums, with all vegetable and flower seed orders from this catalogue, as follows:

For orders of $2.00 and over, any book priced at 20 cents, or less, may be selected free.
For orders of $5.00 and over, any book priced at 50 cents, or less, may be selected free.
For orders of $6.00 and over, any book priced at $1.00, or less, may be selected free.
Orders of seeds or books, the total price of which is $2.00 or less, may be selected free.
For orders of $10.00 and over, any book or books, the total price of which is $2.00, or less, may be selected free.
For orders of $12.00 and over, any book or books, the total price of which is $2.00, or less, may be selected free.

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[Artichou, Fr. Artichoke, Ger. Alczoff, Sp.]

If by mail, in quantities of 8 ounces and upward, postage must be added at the rate of 8 cts. per pound.

Culture.—The artichoke may be propagated by seed or offset suckers separated in the spring. When raised from seed, let them be sown early in the spring, say at the time of the flowering of the peach, in drills a foot apart, and four inches apart in the drills. The next spring transplant to permanent beds, in hills three feet apart each way, with three plants to a hill. It requires a deep, rich loam, abundant in moisture, and may be protected in winter by covering with litter or earth.

GIANT Green Globe.—The best for general culture. Produces large, globular heads, with thick succulent scales, the bottom of which is the edible part. Boiled till tender, and served, either hot or cold, with butter and salt, it makes a delicious dish. Per oz., 30 cts.; pkt., 10 cts.

ASPARAGUS.

[Asperge, Fr. Spargel, Ger. Esparrago, Sp.]

One ounce will sow about fifty feet of drill.

If by mail, in quantities of 8 ounces and upward, postage must be added at the rate of 8 cts. per pound.

Asparagus is a hardy, perennial, maritime plant. It may be grown from seed, or propagated by roots. A bed once properly made will last for years, and no garden should be considered complete without one.

A fair crop may be expected the third year from the seed, or in one or two years from the roots, according to their age when planted, and after that, full crops every year. The soil for this crop cannot be made too rich, and should be thoroughly trenched two feet or more in depth. The plants should be set six to eight inches deep, in rows three to four feet apart, and one foot apart in the rows. The rows should be set in the spring as soon as the ground is in a good working order (they can be set in the fall, but the spring is the preferable time), say about the end of April. The crowns of the roots should be from four to six inches from the surface of the bed.

Palmetto.—This variety is of recent introduction and of a nature to produce a grand success in both the North and South. It comes much earlier and is a better yielder. Its growth is even and regular, which is the cause of its being a superior market sort. Its quality is unexcelled. Price, 10 cts., per pkt.; 25 cts., per oz.; 50 cts., per 1/4 lb.; $1.25 per lb.

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ASPARAGUS ROOTS.

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<tr>
<td>Palmetto</td>
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<td>Moore's Cross-Bred</td>
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<td>Conover's Colossal</td>
<td>2 yrs. old</td>
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**BEANS** (Dwarf or Bush).

[Hortist. From Bohem. Gen. Frereidus, Sr.]

*If by mail, postage must be added at the rate of 15 cents per qt.*

**CULTURE**—Being extremely sensitive to frost and cold, they should not be planted before the middle of spring, when the ground has become light and warm. In a favorable season, the first of May will generally be found about right. Select a dry, sheltered spot in which has been previously slightly manured and well dug; make drills two inches deep, and three to three and a half feet apart, and set the hills three inches apart, the hypocotyl and cover not more than two inches deep. Hoe often, but only when dry; as earth scattered on the leaves when wet with dew or rain will cause them to rust, and greatly injure the crop. Plant at intervals throughout the season for a succession, finishing about the end of July.

**GREEN-PODDED VARIETIES.**

Early Mohawk.—One of the hardest and most productive varieties. Per pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.; peck, $1.25.


Henderson’s Bush Lima.—Is about two weeks earlier than any of the climbing sorts, and produces a continuous crop from the time it comes into bearing until frost. The beans are of the size of theSieva. Per pkt., 10 cts.; pt., 25 cts.; qt., 50 cts.; peck, $2.50.

Ruby Dwarf Horticultural.—Is similar to the old variety of Horticultural, except the pods are of a very dark-ruby color, making it exceedingly attractive in appearance. It is a strong grower (similar in this respect to the Goddard), and very productive. Per pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.

**IMPROVED EARLY VALENTINE.**

**Dwarf Yellow Cranberry.—One of the early varieties, used by market-gardeners as a String or Snap Bean.**


**Dwarf Horticultural.—The popular market variety; the best Shell Bean.**


**Champion.—This is an excellent Shell and String Bean.**

It is abundantly productive, and, being a vigorous grower, keeps the pods well off the ground, free from mildew or blight. The pods are large, long, and handsome, with from 5 to 8 beans in a pod. The bean, when ripe, is a beautiful bright-red color, handsomely streaked with purple; the seeds are long, light drab dotted and splashed with purple. Per pkt., 10 cts.; pt., 25 cts.; qt., 40 cts.; peck, $1.25.

**Gallager’s or Large Refugee.—An improved form of the Refugee Bean, more prolific, pods and beans much larger.**


**Goddard, or Boston Favorite,—An improved variety of the Dwarf Horticultural lately introduced; a great favorite in the Boston market.**

The beautiful, bright, long, red pods are very attractive; the seeds productive, and of superior quality. Per pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.; peck, $1.50.

**Large White Kidney, or Royal Dwarf.—For ripening late, this is one of the best.**


**White Mammon.—Best variety for cooking when ripe.**


**White Pea.—The popular baking bean of New England.**


**Yellow Eye Improved.—Excellent baking bean.**


**Turtle Soup Black.—The young pods of this variety are of excellent quality; the ripe seed is used in the preparation of turtle soup.**


**DWARF WAX VARIETIES.**

**Golden Wax.—Earlier than the Dutch Black Wax; pods large, long, and brittle, and entirely stringless.**

As a snap bean, it excels in tenderness and richness of flavor, and is one of the best shell beans for winter cooking. Per pkt., 10 cts.; pt., 15 cts.; qt., 30 cts.; peck, $1.25.

**Ivory Pod Wax.—Early and productive; pods long, stringless, tender, and a true variety of the Wax.**

It is a very delicate and prolific variety, and is without question one of the best for the table. Per pkt., 10 cts.; pt., 15 cts.; qt., 30 cts.; peck, $1.25.

**Williams’ Improved Golden Wax.—Per pkt., 10 cts.; pt., 20 cts.; qt., 30 cts.; peck, $1.50.**

**CRYSTAL WHITE WAX.—A distinct variety, with waxy, transparent pods; stringless, succulent, crisp, tender, and rich of the richest flavor.**


**PERFECTION WAX.—Early and productive. Pods very long and large, succulent, tender, and quite free from rust or spots.**


**GOLDEN POD YELLOW-EYED WAX.—The vine grows about one and one-half feet high, is strong and brassy, holding the pods well off the ground, thus keeping them clean and attractive. The perfect health of the vine and foliage is one of its most noticeable features, and its perfect freedom from blight and rust is another fact of great value. The pods grow uniformly handsome, and keep extremely well after being picked.**


**BEANS** (Pole or Running).

[Hortist. from Stangenbohne, Gen. Frijol vulgo, Sr.]

One quart will plant about 150 hills.

*If by mail, postage must be added at the rate of 15 cents per qt.*

**Wardwell Kidney Wax.—The vines are large, vigorous, and exceedingly productive, bearing a long, nearly straight, very white and wax-like pod of good quality. The seeds are large, kidney shaped, white with dark markings about the eye.**


**White Wax.—Waxed-podded, very tender and delicious; used as a snap bean.**


**Black Wax.—Highly recommended as a string bean; pods almost transparent, yellow, thick, and tender.**


**Flacolet Wax.—As early as any of the wax varieties and very productive. Pods very long, flat, remarkably tender, and generally free from rust.**


**Refugee Wax.—This is a very valuable sort, being a perfect Refugee with wax pods, and suitable for early or late planting.**


**Yosemite Mammoth Wax.—The pods grow to a mammoth size, very thick and solid, the beans being very small when ready for use.**

RAWSON'S CATALOGUE OF VEGETABLE SEEDS.

Drucker's Improved Lima.—The distinctive improvements are its remarkable productiveness, delicious flavor, and the forming of the beans so closely in the pod. Per pkt., 10 cts.; qt., 40 cts.; peck, $2.25.

Large White Lima.—A large, late bean, with broad, rough pods; and, although it is supposed to be grown in quality by no other variety. Per pkt., 10 cts.; qt., 40 cts.; peck, $2.25.

Early Dutch Case-Knife.—Early, productive, and excellent, whether used green or dry. Per pkt., 10 cts.; qt., 30 cts.; peck, $1.50.

Brockton Pole.—This variety originated in Brockton, Mass., and is a vigorous grower as well as being exceedingly productive and of excellent quality. The pods are very high colored, making it a desirable bean for market gardeners. Per pkt., 10 cts.; qt., 30 cts.; peck, $1.50.

Horticultural Cranberry, or Wren's Egg.—An old and popular variety; green beans, large, egg-shaped, and of the highest quality; the dry beans are superior for baking. Per pkt., 10 cts.; qt., 30 cts.; peck, $1.50.

Wax.—Pods six to nine inches long, thick and fleshy, of a pale-yellow color and vary in appearance; the seeds are tender; and shelled green, as in a snap bean, it has no superior. Per pkt., 10 cts.; qt., 30 cts.

BEANS (English).

[Per a. de marras Fr., Gartenbohne, Ger. Haba commun., Sp.]

One quart will plant one hundred feet of drill.

If by mail, postage must be added at the rate of 6 cts. per pt., or 15 cts. per qt.

Culture.—Plant as early in the spring as the ground can be worked, from two to four inches apart, in drills from twenty to thirty inches apart. As soon as the plants are full blossomed, and the lower pods begin to set, pinch off the tops; then insure the filling of the pods, and hasten the maturity of the seeds. A strong, heavy soil, with a considerable portion of clay, is indispensable for a good crop of this class of beans.

The Market Gardener's Beets.

Bastian's Early Turnip.—This valuable turnip is larger than Egyptian Blood Turnip; tender and sugary; but is of lighter color than other varieties. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 20 cts.; 1 lb., 35 cts.

Rawson's Arlington Favorite.—A new and improved sort, which, for form, flavor, deep blood-red color of the flesh, small foliage, and general adaptability for market-garden cultivation cannot be excelled, by any other variety. A strong proof of its superiority over all others is the rapidity with which load after load is disposed of when our wagons make their appearance at the markets. It has taken first premium wherever exhibited over all others. We consider it a decided improvement in every respect, and firmly believe that Rawson's Arlington Favorite will eventually supersede all others. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 20 cts.; 1 lb., 35 cts.

Eduards's Turnip Beet.—This is the most thoroughly fixed and uniform type. The flesh is deep blood-red in color, and exceedingly sweet and tender in quality. It is round and smooth in shape, and of good market size. It does not grow over large, where room is permitted, as many kinds are apt to do, therefore, needs not to be thinned so much as most varieties. It grows a small top, and a single tap root, which fact commends itself to the gardener's attention who grows beets for bunching purposes. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 20 cts.; 1 lb., 60 cts.
BEET—Continued.

New Eclipse Beet.—Of wonderfully rapid growth, small top, and extra fine quality. It is as early as the well-known Egyptian Turnip Beet, and said to be better in every way than that excellent sort. The roots grow smooth, of a perfect round shape; intense red skin and flesh; very fine-grained and sweet. Its small, fine tops, extreme earliness, and heavy cropping qualities, will recommend it to all market-gardeners. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 20 cts.; lb., 60 cts.

Dark Red Egyptian.—Early and distinct, very deep red, tender and delicious; as early as any, and a valuable market variety. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 20 cts.; lb., 60 cts.

Dewlag’s Improved Turnip.—Of fine form and flavor, and good color, although not so dark-red as some, a desirable variety. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 20 cts.; lb., 60 cts.

Early Blood Turnip.—A standard round variety, with small top; very tender; flesh of good color. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 20 cts.; lb., 60 cts.

Early Yellow Turnip, or Orange.—Flesh yellow, very tender and sweet. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 20 cts.; lb., 60 cts.

Early Flat Bassano.—A flat, turnip-shaped variety; flesh white, circled with rose color; tender and juicy. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 20 cts.; lb., 60 cts.

Smooth, Long, Dark-Blood. This grows to a good size, half out of the ground, with few or no side roots; flesh, dark blood-red; keeps well. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 20 cts.; lb., 60 cts.

Swiss Chard, or Silver.—This is sometimes called the Kale or Kale Beet, and is cultivated for its leafstalks, which are served up like asparagus or spinach. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 25 cts.

MANGEL-WURZEL.

Six to eight pounds of seed will sow one acre.

Culture.—The following varieties are extensively grown for feeding stock, and are excellent food to increase the flow of milk. As they grow much larger than the varieties cultivated for table use, they require more room, and should be sown in drills about two feet apart. The seeds should be dropped about two inches apart in the drills, and, when strong enough, thinned out to twelve or fifteen inches in the row. The long varieties are best suited to a deep soil, and the globe sorts better than the long sorts on sandy soil.

Golden Tankard.—One of the most nutritious varieties in cultivation; flesh deep-yellow, very productive. Per oz., 10 cts.; 1-4 lb., 20 cts.; lb., 40 cts.

Kinder Yellow Globe.—This superior variety possesses distinctive features in size, shape, and color. Unlike the ordinary Globe Mangels, it is of greater girth at the top shoulder than at the middle of the root, whence it tapers to a perfect taper top. Its skin, which is as fine as that of an apple, is, as far as it penetrates the soil, of a bright orange tint. It is of superb quality and an enormous cropper. Per oz., 5 cts.; 1-4 lb., 10 cts.; 1-4 lb., 30 cts.

Mammoth Long Red.—This variety produces roots of mammoth size, more regular, and with a small top. Per oz., 10 cts.; 1-4 lb., 20 cts.; lb., 40 cts.


Yellow Globe Mangels.—Yellow Odour.—Bulb odour, intermediate between the Long and Globe varieties; flesh solid, usually white, zoned with yellow; hardy and productive; very nutritious. Per oz., 10 cts.; 1-4 lb., 15 cts.; lb., 30 cts.

SUGAR BEET. French Sugar.—This grows to large size, much above ground; roots medium length, and white fleshed; leaves green; considerably grown in this country for feeding. Cultivated extensively for the manufacture of sugar. Per oz., 10 cts.; 1-4 lb., 15 cts.; lb., 30 cts.

SUGAR BEET. French Sugar.—This grows to large size, much above ground; roots medium length, and white fleshed; leaves green; considerably grown in this country for feeding. Cultivated extensively for the manufacture of sugar. Per oz., 10 cts.; 1-4 lb., 15 cts.; lb., 30 cts.
BROCCOLI.  
[Chou brocoli, Fr. Brocoli, Spargel-Kohl, Ger. Broccoli, Sr.]  
One ounce will sow a bed of forty square feet, and produce about 3,000 Plants.  

Broccoli is nearly allied to the calflower, but is inferior in flavor.  

CULTURE.—Broccoli requires a deep, rich soil. The seed should be sown in boxes or flats, for early crops, in March or April, and in the open ground in May, in beds of well-polverized rich soil, making the rows six inches apart, and then thinning the seedlings one inch apart. Keep them well supplied with water until they get fairly established. When they begin to flower, break the large leaves over the heads to protect them from the sun, and gather them before they commence running up to seed. Broccoli thrives best in cool, moist, fall weather.  

Watercress.—Excellent; large white heads. Per pkt., 10 cts.; oz., 40 cts.; 1-lb., $1.25.  

Early Purple Cape.—Greenish-purple heads; a good variety. Per pkt., 10 cts.; oz., 40 cts.; 1-4 lb., $1.25.  

White Cape.—Very white, sure to head. Per pkt., 10 cts.; oz., 40 cts.; 1-lb., $1.25.  

BRUSSELS SPROUTS.  
[Chou de bruxelles, Fr. Groener spruusen, Ger. Breton de Bruxelles, Sr.]  
One ounce will sow a bed of forty square feet, and produce about 3,000 Plants.  

If by mail, in quantities of 8 ounces and upwards, postage must be added at the rate of 8 cts. per pound.  

CULTURE.—Although not in general use in this country, this is a most delicious vegetable.  

The seeds should be sown in March or April in the hoed bed, or in the open ground when the weather permits. When the plants are three inches or so high they should be transplanted, and cultivated the same as cabbages or cauliflowers. The cabbages or cauliflowers will be ready for the table in September; the late ones, for winter use, should be harvested before cold weather, and stored the same as cabbages or cauliflowers. The small heads which grow along the stem are the best parts of this vegetable, and, when headed like cabbages, or sowed with cream like cauliflower, are very tender and delicious. Where the winters are not very severe they may remain in the ground, to be cut as sprouts and sowed over; the sprouts are much improved by a moderate frost.  


CABBAGE.  
[Chou pouine on cabes, Fr. Kaysfeld, Ger. Rippole, Sr.]  
One ounce will sow a bed of forty square feet, and produce about 3,000 plants.  

If by mail, in quantities of 8 ounces and upwards, postage must be added at the rate of 8 cts. per pound.  

CULTURE.—The early sorts are sometimes sown early in autumn, and protected in cold frames through the winter, and transplanted early in spring; but more generally at the North they are sown very early in the spring, in hot-beds, or later in the open ground. In the mild climate of the Southern States, where they will stand the winter, they are planted in the fall.  

For early use sow about Feb. 15, in the hot-bed or greenhouse, covering the seed about one-half of an inch deep; the plants will be large enough to transplant by March 10; then put them into cold frames three and one-half inches apart each way. As the young plants are ready for transplanting, remove the glass part of the day, in order to harden them for the open ground, and continue increasing the time until by about April 15 or 20 they should be sufficiently removed, and about April 20 the plants are ready to be transplanted outdoors. The land best suited to this crop is a deep, rich, loamy soil, and should be prepared by preferably using it as a second crop; per acre being used with profitable results by market-gardeners; lap two furlongs to the acre and one inch apart in rows six inches apart, and bear the land nearly level with a fork. Set the plants twenty to twenty-four inches apart, according to the quality of the land. It takes about six thousand plants to set an acre. A handful of wood ashes upon the growing heads will not only keep off the cabbage-bug, but will assist the growth of the plant, and make it tastable. Extent for late crops sow from the 1st to the 20th of June in the field, or in beds, so as to transplant. Cover three-quarters of an inch deep, as the soil is dry nearer than earlier in the season. Sow in the late sowings in deep, rich, sandy soil. It is important that the plants should stand thickly in the seed-bed, or they will run up weak and slender, and be likely to make long stamps. When the weather is hot and dry, the roots of the plants may be dipped in a pail of loam and water, and transplanted just at evening, giving each plant a gift of water at the root. Prepare the land the same as for early cabbage, less manure can be used for late crops, with good results, than will give a good early crop; but we have never seen too much manure used for cabbages. If planting the seed in hills, twenty-two inches apart, plant six or eight seeds, and when sufficiently established remove all but the strongest plant. To preserve cabbages during winter plant them in a dry day, and turn them over on the heads a few hours to drain. Set them out in a cool cellar, or bury them in the open ground well with the heads downwards, in long trenches, in a dry situation. In the Middle States bury the stumps and part of the head in the open ground, and place over them a light covering of straw and beard, in severe weather. On the coast, in the Eastern States, cabbages are effectually protected by covering with seaweed.  

R. RAWSON'S VOLUNTEER.  

Rawson's Volunteer.—A new and early and very early cabbage. Tested in our trial-groins it was ready for market fully eight to ten days earlier than any other variety. It strongly resembles the Early Bannels; the leaves grow compactly together, so that it can be planted very close. Per pkt., 10 cts.; oz., 20 cts.; 1-lb., $1.50.; 2-lb., $2.50.  

Early Banners.—A very early sort; the heads are oblong, rounded at the top, very solid and firm, while it seldom fails to head. Heads of medium size, and of fine quality. Per pkt., 5 cts.; oz., 20 cts.; 1-lb., $1.50.; 2-lb., $2.50.  

Early Jersey Wakefield.—One of the best early varieties; solid; medium size; somewhat conical, but sometimes nearly round. A desirable sort for early marketing. Per pkt., 5 cts.; oz., 20 cts.; 1-lb., $1.50.; 2-lb., $2.50.  

R. RAWSON'S EARLY SUMMER.  

Rawson's Early Summer.—A fine selected stock of Henderson's Early Summer, about five to seven days earlier; heads a little more oval. Per pkt., 10 cts.; oz., 40 cts.; 1-lb., $1.50.; 2-lb., $2.50.  


Large French Outside.—A variety coming in use after the Early York. If grows low on the stump, and heads very close and firm, but with few loose leaves. Per pkt., 5 cts.; oz., 20 cts.; 1-lb., 50 cts.; 2-lb., $1.50.  

Low's Early Peuries.—A variety nearly equaling Jersey Wakefield in earliness, and growing twice as large, often weighing twelve or fifteen pounds each. Per pkt., 5 cts.; oz., 20 cts.; 1-lb., 50 cts.; 2-lb., $2.50.  


Early Blood Red Head.—Smaller than the preceding; used as a packing cabbage. Per pkt., 5 cts.; oz., 20 cts.; 1-lb., 50 cts.; 2-lb., $2.50.
CABBAGE—Continued.

ALL SEASONS.

Henderson's Early Summer.—A standard early variety, much used by market-gardeners; a little later than Wakefield; head larger and nearer to globe shape. Per pkt., 5 cts.; oz., 20 cts.; 1-4 lb., $1.00; lb., $3.00.

Large Early York.—Larger and two weeks later than the Early York. It contains the heat well and on that account is much esteemed at the South. Per pkt., 5 cts.; oz., 20 cts.; 1-4 lb., 50 cts.; lb., $1.25.

Early Winchestad.—One of the best in cultivation for general use; remarkably solid and hard even in summer; keeps well in hot and cold weather. Heads regularly conical, exceedingly full, and surrounded with leaves. Per pkt., 5 cts.; oz., 20 cts.; 1-4 lb., 50 cts.; lb., $2.00.

Fottler's Brunswick.—Early Drumhead of large size; ready for market soon after first early sorts; has no superior as a fall cabbage. Stem remarkably small and short; every plant sure to head, and will stand long in head without cracking. Per pkt., 5 cts.; oz., 20 cts.; 1-4 lb., $1.00; lb., $3.00.

Globe Curled Savoy, American (extra market stock).—The popular Globe Curled Savoy, Cabbage of the Boston market. Excellent quality; a sure header, and one of the best keepers for winter use. Per pkt., 5 cts.; oz., 40 cts.; 1-4 lb., $1.25; lb., $4.00.

Stone-House Drumhead.—One of the very best for a main crop, and unsuited for storing for winter use; is grown more extensively around Boston than any other Drumhead. Per pkt., 5 cts.; oz., 30 cts.; 1-4 lb., $1.00; lb., $3.00.

Premium Flat Dutch.—As a variety for the winter market this has no superior. Heads large, round, solid, head, and flat on the top; they open white and crisp, are tender and well-flavored. It is also one of the very best varieties to keep. Per pkt., 5 cts.; oz., 50 cts.; 1-4 lb., 50 cts.; lb., $2.00.

Large Late Drumhead, American.—A very large variety, with solid, flat, or round heads. Per pkt., 5 cts.; oz., 50 cts.; 1-4 lb., 50 cts.; lb., $2.00.

Marblehead Mammoth.—The largest variety of Drumhead known; needs to be set about four feet apart each way; often grows to weigh sixty pounds per head; not every seed lies true. Per pkt., 5 cts.; oz., 25 cts.; 1-4 lb., $2.50.

Early Flat Dutch.—A small, early variety, of good size; solid, and of good flavor. Per pkt., 5 cts.; oz., 20 cts.; 1-4 lb., 50 cts.; lb., $2.00.

Short-Stem Drumhead.— Has a very short stem. The heads are very large, extra hard, solid, round, flattened on the top; they grow very uniform in size and shape, and frequently attain twenty or thirty pounds in weight, and are always of the nicest quality. For reliability of heading, this variety is also remarkable. Per pkt., 20 cts.; oz., 30 cts.; 1-4 lb., 50 cts.; lb., $2.00.


Drumhead Savoy (cross of Drumhead and Globe Savoy).—A large-headed Savoy Cabbage; very tender and fine flavored; a good winter variety. Per pkt., 5 cts.; oz., 20 cts.; 1-4 lb., 75 cts.; lb., $3.50.

CAULIFLOWER.

[Choufleur, Fr. Blumenkohl, Ger. Coliflor, Sp.]

One ounce will sow a bed of forty square feet, and produce about 3,000 plants.

Cultivation.—When grown to perfection, this is a most delicious vegetable, and well repays generous treatment in cultivation. With a deep, rich, and an abundance of moisture, which in dry seasons must be applied artificially, cauliflowers can be grown well. The cultivation is similar to that of the cabbage. For early crops, sow in May, and transplant in June, in rows four feet apart, setting the plants two feet apart in the row; which is watered frequently if the ground be dry. Frequent hoeing, and a liberal supply of rich liquid manure, to keep up a continuous and rapid growth; will produce splendid heads of the most delicate flavor. It facilitates blanching, if the leaves are gathered loosely together, and tied over the top of the head to protect from the sun. Cut before the flowers begin to open. See as late as June 20, for late crops, in beds or in hills, covering one-half inch deep. Rawson's Sea Foam. It is of a dwarf and compact habit, with large, firm, and beautifully formed heads, purer white than any other variety grown; very attractive in appearance, and unsurpassed in quality; and, for forcing, it surpasses any variety we know of. In consequence of its dwarf habit, it can be planted much more closely than other varieties, thereby producing a much larger yield per acre. We recommend it with the greatest confidence to all cultivators of this popular vegetable. Per pkt., 25 cts.; per lb., $4.00.

Early Paris.—An early sort; head rather large; white and compact. Per pkt., 5 cts.; oz., 20 cts.; lb., $1.00.

Algiers.—A large and popular late variety, largely grown for the New York market. It is one of the largest in cultivation, and sure to head. Per pkt., 10 cts.; oz., 50 cts.; 1-4 lb., $2.00.

Market Gardeners. Our Cauliflower seed is the best imported seed to be obtained in Germany and Denmark, and is not to be compared with the cheaper grade of California grown seed. W. W. RAWSON & CO.
CARROT.

[Carole, Fr., Mohr, Gen. Zanahoria, Sp.]

One ounce will sow one hundred feet of drill. Three pounds required for one acre.

If by mail, in quantities of 8 ounces and upwards, postage must be added at the rate of 8 cts. per pound.

Carrots require a very finely pulverized soil to grow them to perfection. A good, light, and well-tilled soil is the best for this crop. For field culture, sow in drills, three to three and one-half feet apart, so as to cultivate by horse. Market-gardeners do about eighteen inches apart, and cultivate by hand. For early crops cover one-half an inch deep, and thin to six inches apart in the rows; for late, cover three-fourths of an inch deep, and thin to four inches.

EARLIEST FRENCH FORCING CARROT. Eearly Half Long Eearly Horn Carrot. SCARLET CARROT.


Early Horn (stump-rooted)—One of the earliest varieties; fine-grained and agreeably flavored; excellent table carrot, and grows well on thin soil. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 30 cts.; lb., $1.00.

Celeriac—A choice variety. Longer than the Scarlet Horn, and a little broader at the top. The flesh is a beautiful rich orange color, and of the finest quality. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 30 cts.; lb., $1.00.

Improved Long Orange—A great improvement on the common Long Orange, obtained by a careful selection for successive years of the best formed and deepest-colored roots; it is larger, better flavored, of a deeper orange color, and more certain to produce a crop. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 25 cts.; lb., 75 cts.

Improved Danvers—Cylin- drical shape, stump-rooted, bright orange-red, very productive, and is said to produce a heavier crop than any other variety. It is also an excellent market sort. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 40 cts.; lb., $1.00.


Early Half-Long Scarlet Carrot—An early variety without core. It is an excellent sort for forcing, or used as an early knit for planting in the open ground. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 30 cts.; lb., $1.00.


WHITE BELGIAN—This variety grows about one-third out of the ground; roots white, green above ground; grown extensively for feeding stock. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 20 cts.; lb., 30 cts.

CELEBRAL, or Turnip-Rooted Celery.

[Colceri-mare, Fr. Knol seleri, Gen. Apio reiz de Nabo, Sp.]

One ounce will sow a bed of nine square yards. If by mail in quantities of 8 ounces and upwards, postage must be added at the rate of 8 cts. per pound.

Sow early in the spring in light, rich soil; transplant in May into beds, and water freely in dry weather. When the plants are nearly full grown, it is customary to earth up the beds to the height of four or five inches. In about a month they will be found sufficiently blanched for use. The roots, which will be ready for the table to use in soups, or, after being scraped and sliced, boil very tender and stew for four or five minutes in just milk enough to cover, after which, season with salt and serve with butter.

Apple-Shaped.—Of a very regular, almost spherical shape, with a fine neck and small leaves; it may be planted very thickly, and will yield a heavy crop. Per pkt., 5 cts.; oz., 20 cts.; 1 lb., 80 cts.; lb., $1.25.
RAWSOW’S

CORN (Sugar).

[Note: E. T. Welbeck, G. E. Moiz, S.]

One quart will plant 200 hills; one peck will plant one acre in hills.

5 cts. per pt.; 10 cts. per qt., extra, for postage on corn of all kinds when ordered by mail.

Corn requires a good soil and a warm situation. Commence, for first early, by planting the early varieties about May 1, and, if a continuous supply is wanted all season, make plantings about two weeks apart. From May 1 until the last of July, first planting early varieties, then later ones. Plant in rows three feet apart, and make the hills about the same distance apart in the rows. Five kernels in the hill are plenty; cover about an inch deep for early, and a little deeper for late; thin to three plants in a hill. Crosby's Extra Early Sugar, or Boston Market.—This is still considered the standard of excellence in point of quality, and is the favorite variety in the Boston market. The ears are rather short, averaging from twelve to sixteen rows; rich, sugary flavor; very productive. Our stock was procured direct from the originator, and has been grown with the greatest care. It is still without a rival for an early market variety, and is the best for plugging. Per pt., 10 cts.; qt., 25 cts.

Cory.—An early variety of recent introduction, a decided improvement in corn, size of kernels. Per pkt., 10 cts.; qt., 25 cts.

Early Marblehead.—Extra early; ears well filled with plump kernels of good size, very sweet, and of dwarf habit. Per pkt., 10 cts.; qt., 25 cts.

Perry's Hybrid.—This is the largest early sweet corn that we have ever seen, the ears being twelve rowsed, and sometimes fourteen. The kernels are large and tender, and deliciously sweet. Stalks vigorous, with two perfect ears on a stalk. Per pkt., 10 cts.; qt., 25 cts.


Potter's Excelledor, or Squawman.—There is probably no richer or sweeter white corn for the table than this. Ears of medium size; matures somewhat later than Crosby's. Per pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.

Triumph.—The earliest of all the large varieties, and unsurpassed for sweetness, delicacy of flavor, and productivity. Per pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.


Mammoth Sweet.—The largest hard variety; twelve to sixteen rowsed; cob white, large and well-filled; very productive, and fine flavored. Per pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.


Washington Market, or Egyptian.—This is one of the best of the large varieties, ears large, having from twelve to fifteen rows of kernels of good size. It is very sweet, tender, and of delicious flavor; invaluable for canning. Per pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.

Stowell's Evergreen.—Now recognized everywhere as a standard variety, both for home meal and market. Per pkt., 10 cts.; pt., 15 cts.; qt., 25 cts. Stowell's Evergreen, has been grown in the East. We handle no wheat grown.

All of our corn is grown in the East. We handle no wheat grown.

Our Special Price-List to MARKET-GARDENERS sent on application.
CHICORY.

[Chicoria. Fr. Chicorée, Ger. Achicoria de rote, Sp.]

One ounce will sow a bed of four square yards.

If by mail, in quantities of 8 ounces or upwards, postage must be added at the rate of 8 cts. per pound.

Culture.—Sow during spring, in drills half an inch deep, in good, mellow soil; and the after culture is the same as recommended for carrots.

Large-Rooted, or Coffee. — The leaves, when blanched, are esteemed as an hors d'oeuvre. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 10 lb., $1.00.

Whitish. — Somewhat resembling Chicory, and excellent used either as a salad or boiled. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 10 lb., $1.00.

CORN SALAD, or FETTICUS.

[March, salade de ble, Fr. Ackersalat, Lauerersalat, Ger. Macha, Sp.]

One ounce will sow twenty feet square.

If by mail, in quantities of 8 ounces and upwards, postage must be added at the rate of 8 cts. per pound.

Culture.—The seeds are thickly sown in September, in shallow drills one-fourth of an inch deep. It requires no other culture, except to keep the ground clear of weeds. In a high, north-eastern exposure protection during winter with a slight covering of straw. If the soil is good and rich, the flavor of this plant will be greatly improved.


Cucumbers. — One ounce will plant fifty hills. Two pounds will plant one acre.

If by mail in quantities of 8 ounces and upwards, postage must be added at the rate of 8 cts. per pound.

Culture.—For earliest use, sow the seed in the hot-bed or greenhouse in February or March, in warm loam, where the temperature is about ninety degrees; cover half an inch deep, and when the plants are of fair size transplant into hills (made in the greenhouse), four plants in a hill, so that, when the weather permits, the whole hill can be moved to the open ground by means of this made for the purpose. Plant, for general use, to the open ground, about June 1, in hills six feet apart each way, and thin to three plants in a hill. Fine, old mature (about six cords per acre), is sufficient; or, better still, plant on land that a crop has been taken off from which was heavily manured for that crop. A sprinkling of dry plaster will keep off the striped long. If by mail, in quantities of 8 ounces and upwards, postage must be added at the rate of 8 cts. per pound.


Early Green Cluster. — A short, prickly variety, bearing in clusters near the root; it is a great bearer, and in earliness comes next to the Early Russian. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 10 lb., 25 cts.; 65 cts.; 80 cts.


Rawson’s White Spine. — A remarkably fine strain, growing very even in plant, regular in form. It is especially recommended to market-gardeners, as the fact that the first size on the vines in cultivation is usually even in form and size, and continues so through the season. Per pkt., 10 cts.; oz., 20 cts.; 1 lb., 1 lb., $1.00; $2.00.


GIANT PEA.

Nicholls’s Medium Green. — Considerably thicker than the white Spine, and are all at both ends. The skin light green and very smooth. Handsome in appearance, and of fine quality for table use. The vines are vigorous and productive. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 10 lb., 25 cts.; 65 cts.; 80 cts.

NICHOLS’S MEDIUM GREEN.

ENGLISH AND GERMAN FRAME VARIETIES.

The following are recommended for forcing, and should be sown in small pots early in February, and grown in hot-bed or hot house. When the seedlings have three leaves, plant out in hills of loose, rich soil, in the centre of each sash, and maintain a uniform temperature of from 60 to 75 degrees:

FORCING CUCUMBER.

Marquis of Lorne. — A new and highly esteemed variety, of handsome form and fine flavor. Per pkt., of 10 seeds, 25 cts.


Blue Gaw. — A black-splined variety, prolific of good size and shape, and fine flavor. Per pkt., 25 cts.

CRESS, or PEPPERGRASS.

[ Crescens, Fr. Cresse, Ger. Mästzurvo, Sp.]

One ounce will sow sixteen square feet.

If by mail in quantities of 8 ounces and upwards, postage must be added at the rate of 8 cts. per pound.

Extensively used as a small salad. Sow early in spring, very thinly, in shallow drills. The sowings should be repeated at short intervals, as it soon runs to seed.

Upland Cress. — A most valuable and important acquisition. It is a hardy perennial, thriving on any soil, wet or dry. In early spring it is the first to make its appearance, grows with surprising rapidity and is relished by any other plant, so that in a few days it is ready to use. It is weeks ahead of any other plant. The young and tender leaves can be eaten raw, or as a salad. Per pkt., 10 cts.; oz., 20 cts.; 1 lb., 15 cts.


Australian. — This is a superior variety, with fine delicate green leaves; of a pleasing, piquant flavor. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 20 cts.; 65 cts.; 80 cts.

UPLAND CRESS.
**CRESS (Water).**


One ounce will sow 100 square feet.

If by mail, in quantities of 8 ounces and upwards, postage must be added at the rate of 8 cts per pound.

**CULTURE.**—The plant is cultivated by sowing the seeds by the side of running water, near springs which are not severely frozen in winter. Transplanting, however, is always safer than sowing, and is, therefore, preferred. This may be done from March till August. The distance between the plants should not generally be less than ten or fifteen inches, stirring the earth about the roots from time to time is useful; but having once been rooted, no further care is necessary.

Water Cress.—The leaves are universally used and eaten as an early and wholesome salad in spring. Per pkt., 10 cts.; oz., 40 cts.; 1 lb., $1.15. True Erfurt.—A new, sweet variety. Surpasses the common sort in pleasing delicacy of flavor. Per pkt., 20 cts.; oz., 75 cts.

**DANDELION.**


One ounce will sow 100 feet of drill.

If by mail, in quantities of 8 ounces and upwards, postage must be added at the rate of 8 cts per pound.

The Dandelion resembles Endive, and affords one of the earliest, as well as one of the most healthful of spring greens. The roots, after being dried, constitute an article of considerable value, being extensively used as a substitute for coffee. Sow as early as the weather will permit, in good, well-enriched soil, in rows twelve inches apart, covering seed one-fourth of an inch deep, and thinning the soil well over them. Thin to two or three inches apart in the rows; by so doing, the roots will be larger, and a great amount of time will be saved the next spring in trimming or gathering the crop. One pound per acre is sufficient.

**DANDELION—French, Thick Leaved.**


Improved Broad Leaf.—Per pkt., 10 cts.; oz., 40 cts.; 1 lb., $1.15; lb., $5.00.

**EGG PLANT.**


One ounce will produce about 1,000 plants.

If by mail, in quantities of 8 ounces and upwards, postage must be added at the rate of 8 cts per pound.

**CULTURE.**—Sow the seed in the hot bed or greenhouse about March 1, and transplant to four inch boxes, and when the plants grow thick, transplant to eight inches apart, so as to make good, stocky plants; all this is done in the hot-bed. Set in the field about the same time sweet Corn is planted (about May 20), as Egg-Plants are very tender.

Early Purple.—Does well in almost any section of the North Western States, and, if started early, will perfect its fruit in the Canadas. Per pkt., 10 cts.; oz., 25 cts.; 1 lb., 75 cts.; lb., $2.50.

**New York Improved Purple.**—An improved variety of the Round Purple, of deeper purple, larger, and of larger, and of finer quality; a superior market variety. Per pkt., 10 cts.; oz., 40 cts.; 1 lb., $1.50; lb., $5.00.

**Black Poki.**—A distinct early variety from China; very prolific; fruit globular and almost black, fine grained and delicately flavored. Per pkt., 10 cts.; oz., 50 cts.; 1 lb., $1.50; lb., $5.00.

**ENDIVE.**

*Chicorée-endive, Hol. Budden, Ger. Endice, Sp.*

One ounce will sow sixty square feet.

**CULTURE.**—Rather moist, well pulverized, rich soil is best adapted for this crop. For early use, sow in May, scattering the seed thinly in drills ten inches apart, covering it lightly, and for succession every two or three weeks until mid-summer. Thin out the plants to eight or ten inches apart in the rows, and keep the ground around them fine and loose by frequent hoeings. The plants must be blanched before using, which is accomplished by gathering the large outer leaves to a point at the top, and tying them together with any soft material. It makes a delicious salad.

Broad-Leaved Batavian.—This is the Chicorée searlelii of the French, and is chiefly used in soups. Per pkt., 5 cts.; oz., 20 cts.; 1 lb., 50 cts.; lb., $1.75.

French Moss.—Beautifully curled, and when well developed appears like a tuft of moss. Per pkt., 10 cts.; oz., 25 cts.; 1 lb., 75 cts.; lb., $2.50.

**Green Curled.**—The hardest of all, with beautifully curled dark-green leaves slender and crisp. Per pkt., 5 cts.; oz., 20 cts.; 1 lb., 50 cts.; lb., $1.75.

**KOHLE-RABI.**


One ounce will sow a drill of about 200 feet.

If by mail, in quantities of 8 ounces and upwards, postage must be added at the rate of 8 cts per pound.

Sow the seed in May or June in the hot-bed, and transplant into rows two feet apart, setting the plants eighteen inches apart in the rows. Cultivate the same as a cabbage. Take up the plants early in the fall, and store for winter use the same as turnips.

**Earliest Green Erfurt.**—Excellent open-ground sort. Per pkt., 5 cts.; oz., 15 cts.; 1 lb., 75 cts.; lb., $2.00.

**Early Purple Vienna.**—Above ground; fine early sort; excellent table variety. Per pkt., 5 cts.; oz., 20 cts.; 1 lb., 75 cts.; lb., $2.00.

**Early White Vienna.**—Above ground; similar to preceding except in color. Per pkt., 10 cts.; oz., 20 cts.; 1 lb., 60 cts.; lb., $2.00.

**Late White Giant.**—Similar to the preceding, except in color. Per pkt., 10 cts.; oz., 25 cts.; 1 lb., 75 cts.; lb., $2.50.

**LEEK.**


One ounce will sow a drill of about 100 feet.

If by mail, in quantities of 8 ounces and upwards, postage must be added at the rate of 8 cts per pound.

A hardy biennial plant, having the flavor of an onion. It succeeds best in a light but well-enriched soil. Sow as early as possible; in drills one inch deep, one foot apart. When six or eight inches high, they may be transplanted in rows ten inches apart each way, as deep as possible, that the neck, being covered, may be blanched. If fine leaves are desired, the ground can hardly be too rich.

**Extra Large Carentan.**—Very hardy, much larger than any other variety, and of fine quality. Per pkt., 5 cts.; oz., 25 cts.; 1 lb., $0.75; lb., $2.50.

**Large American Flag.**—A large variety with the market-gardeners of strong and a vigorous growth. Per pkt., 5 cts.; oz., 25 cts.; 1 lb., $0.75; lb., $2.50.

**Large Bonnet.**—Leaves dark-green, broad, and thick; largely grown in the vicinity of Paris; it is also the best for forcing. Per pkt., 5 cts.; oz., 20 cts.; 1 lb., 60 cts.; lb., $2.50.

**Long Winter.**—A large sort, grows quite long; best for general use. Per pkt., 5 cts.; oz., 25 cts.; 1 lb., 50 cts.; lb., $2.50.
LETTUCE.
[Leatte. Fm. Lattich, Germ. Lickenp, St.]

One ounce will sow 100 square feet, or 120 feet of drill.
If by mail, in quantities of 8 ounces and upwards, postage must be added at the rate of 5 cts. per pound.

Requires a rich, moist soil, and to be crisp and tender, needs to be grown in cool weather. For winter use, sow in hot-beds every two weeks, at the rate of one ounce of seed to four cakes (a cake is three feet long by six feet wide); cover very lightly, and transplant first to three inches apart each way, afterwards to eight inches. For garden or field sow in rows, and cover one fourth of an inch deep, and thin to twelve inches apart in the rows. For New England the White-Seed Tennis-Ball for cultivation under glass, and the Black-Seed Tennis-Ball for outdoor use, are the standard varieties.

Early Curled Simpson.—Very early and excellent for forcing; is largely grown by market gardeners. Per pkt., 5 cts.; oz., 15 cts.; 1-4 lb., $1.50.

Boston Market, or White-Seed Tennis-Ball, (Arlington Seed.)—This variety is grown extensively by market gardeners about Boston, under glass, for winter use. Very compact head and of the best quality. Per pkt., 5 cts.; oz., 40 cts.; 1-4 lb., 1-1-2 lb.; $4.00.

Black-Seed Tennis-Ball, (Arlington Seed.)—This variety is the most popular for open air culture, being used almost entirely by market gardeners around Boston. The heads are well-formed, hardy and of excellent quality, and of the earliest heading varieties. Per pkt., 5 cts.; oz., 30 cts.; 1-4 lb., $1.60; 1 lb., $3.60.

Bath Cos.—A superior variety, of enormous size, crisp and fine flavored; excellent for either spring or autumn sow- ing. Per pkt., 5 cts.; oz., 15 cts.; 1-4 lb., 40 cts.; 1 lb., $1.50.

The “Beacon” Cabbage Lettuce.—This is the best of all the varieties of cabbage lettuce. A vigorous grower, hardy, early of the highest quality, tender, crisp, and of fine flavor, sure to please. It stands our hottest sun, is not bitter, and will last longer in cold weather than any other lettuce. Per pkt., 5 cts.; oz., 15 cts.; 1-4 lb., 40 cts.; 1 lb., $1.50.

Oak-Leaved Lettuce.—The leaves of this variety are oak-like shaped, light green, slightly crimped, or curled, set very close, and form a head as compact as the peculiar shape of the leaf will permit. It is free from coarse stems, has no bitterness of taste, is of fine flavor and extreme tenderness. It is very slow in running to seed. Per pkt., 5 cts.; oz., 15 cts.; 1-4 lb., 40 cts.; 1 lb., $1.50.

Hanson.—Heads large, solid, tender, crisp, and of fine flavor; color, beautiful; green outside, and white within; stands the summer heat well; one of the best in the market. Per pkt., 5 cts.; oz., 15 cts.; 1-4 lb., 40 cts.; 1 lb., $1.50.

White Summer Cabbage.—Well formed, good size, close and a little flattened; it stands the heat well. Per pkt., 5 cts.; oz., 15 cts.; 1-4 lb., 40 cts.; 1 lb., $1.50.

Green Fringed.—A distinct variety, with the edges beautifully fringed; inner part of the leaves well blanched; remains fit for use nearly all summer. Per pkt., $1.50; oz., 15 cts.; 1-4 lb., 40 cts.; 1 lb., $1.50.

Brown Dutch.—Generally sown in autumn, as it will endure the Winter with slight protection. Per pkt., 5 cts.; oz., 15 cts.; 1-4 lb., 40 cts.; 1 lb., $1.50.

Salads.—An excellent summer variety, forming good-sized heads that stand the drought and heat without injury, longer than any other sort. Per pkt., 5 cts.; oz., 15 cts.; 1-4 lb., 40 cts.; 1 lb., $1.50.

California Cream Butter Lettuce.—It forms round, solid heads of good size, compact, very hard and solid. It is medium early, and one of the very best summer varieties of head lettuce we have ever seen. The heads are so solid that, generally, they have to be cut before any seed stall can make its appearance. Per pkt., 5 cts.; oz., 20 cts.; 1-4 lb., 40 cts.; 1 lb., $2.00.
MELON (Musk).

[Melon, Fr. Melon, Ger. Melone, Muselet, Sc.]

One ounce will plant about 80 hills.

If by mail, in quantities of 8 ounces and upward, postage must be added at the rate of 8 cents per pound.

Culture.—A rich, deep sandy loam, well worked, and highly manured with old rotten compost, is of the first importance. Plant, when all danger of frost is over, in hills five or six feet apart each way; scatter a dozen seeds to a hill; and after they are set of danger from bugs, thin to three or four plants. When they have four or five rough leaves, pinch off the end of the main stem which causes the lateral branches to put forth sooner. This will strengthen the growth of the vines, and the fruit will come earlier to maturity.

Arlington Green Nutmeg. — Handsome fruit, roughly netted all over; flesh thick, green, melting, and very sweet. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 30 cts.; Ib., $2.00.

Bay View. — One of the largest, most prolific, best flavored, and finest canned melons in cultivation; luscious and sweet, and very hardy; picked green, it will ripen up finely. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 30 cts.; Ib., $1.00.

Central. — An excellent yellow-fleshed variety; ten days earlier than Nutmeg, of fine flavor and very early. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 30 cts.; Ib., $1.00.

Hackettsack. — A variety of the Green Citron Musk-melon; grows to a large size; very productive, and of exquisite flavor. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 30 cts.; Ib., $2.00.

Mango. — Used exclusively for pickling; shape, oblong; color, very dark green. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 30 cts.; Ib., $1.50.


New Early Hackettsack (Cantaloupe). — A selection from the Old Hackettsack, and an improvement on it. Fully equal in size, and ten days earlier. Highly recommended for market-gardeners, to whom earliness and quality are essential. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 30 cts.

The Old Gem. — The skin, white ribbed, is smooth, and of a very deep emerald-green color. The flesh, which is thicker than in any other melon of its size, is of a suffused salmon color, and ripens thoroughly to the extremity thin green rind. The vines are thrifty, very prolific; the melons mature extremely early. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 20 cts.; Ib., $1.00.

MELON (Water).

[Melon d’eau, Fr. Wassermelone, Ger. Zundla, Sc.]

One ounce will plant about 60 hills.

If by mail, in quantities of 8 ounces and upward, postage must be added at the rate of 6 cents per lb.

Culture.—The general directions given under the head of muskmelons are suitable for water-melons. The plants will fruit better by occasionally pinching the leading shoots off the vines.

Bird Cantaloupe. — A variety from Colorado, for which the originator claims extra earliness, large size, fine flavor, and good keeping qualities; flesh thick, light-green in color, and of fine quality. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 30 cts.; Ib., $1.00.


New Surprise. — This melon has thin, cream-colored skin, thickly netted; flesh deep salmon-color of exquisite flavor; very prolific. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 25 cts.; Ib., 80 cts.


Champion Market. — These melons are almost a perfect globe in shape and densely netted; one of the handsomest cantaloupes known, all being very uniform in size and weight, ranging from four pounds to five and one-half pounds each. The flesh is thick, light-green in color, and of rich sweet flavor. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 25 cts.; Ib., 80 cts.

Perfection. — Deeply ribbed and heavily netted; the flesh is of a salmon-color, extra thick, and of very sweet, rich flavor. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 20 cts.; Ib., $1.00.

Miller’s Cream, or Orange. — Skin very thin, of dark green color, and slightly netted. The flesh is of a salmon color, remarkably sweet and of a luscious, spicy flavor, extremely thick, sweet and delicious to the rind. The seed cavity is remarkably small. It is a remarkable keeper, and will stand shipping better than any melon we ever saw. Price, per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 30 cts.; Ib., $1.00.

MUSHROOM (Agaricus eouscens). Ten pounds will spawn about ten feet square. If by mail, add 8¢ per pound for either sort.

Take fresh horse-manure, and use nothing but the fine portion of it, shuck out the straw. Mix this with fresh horse manure, and two parts manure, and turn every day to keep it from burning, until the friable part is nearly all out of it. Prepare the bed about four feet wide, and as long as required; put in the preparation about eight inches deep; put on very solid as it is put in. Let it remain in this condition until the temperature has become reduced to ninety degrees, make holes two or three inches deep, into which put the spawn, in pieces about as large as a egg, and at a distance of twelve inches apart, cover the spawn, and let it remain for eight or ten days; then cover the whole bed with manure ten to twelve inches, and make it firm with the back of a shovel or spade. The bed must be in a covered situation, and the prepared soil kept dry from the commencement, and in a dark place, with the temperature at thirty-five degrees. If everything is favorably done, the mushrooms will appear in from six to eight weeks. After the bed has been spawned, do not water unless quite dry, and, when necessary, use lukewarm water only.

French Spawn.—Two-pound boxes, each, $1.00; three-pound boxes, each, $1.75; four-pound boxes, each, $1.75; in bulk, per pound, 30 cts.; in bricks, per pound, 15 cts.; 8 lbs., $1.00.

Onions.—In bricks, per pound, 15 cts.; 8 lbs., $1.00.

One ounce will sow 100 feet of drill. Four pounds is sufficient for an acre.

If by mail, in quantities of 8 ounces and upward, postage must be added at the rate of 8 cts. per pound.

Plant in moist soil as soon as the weather will permit, say about May 1, in rows twelve inches apart, and cover one-half of an inch deep. If the onions grow too thick, thin to about one inch apart, and very few small onions will be the result. Manure highly (twenty cords per acre being used by market-gardeners with profit; and, if manure is not plenty, some good phosphates, at the rate of four hundred to eight hundred pounds per acre, will give splendid crops. They succeed equally well any number of years on the same ground, if kept highly enriched with fine yard manure, spread on very spring, and turned in with a light furrow. A top-dressing of wood ashes, applied after the second feeding, is very beneficial, as will soon be observed by the dark and healthy change of color given to the plants.

Early Red.—Smaller and more flat-shaped than Large Red; close-grained; 1 1/2 to 2 inches thick, and keeps well. Per pkt., 5 cts.; oz., 20 cts.; lb., $1.75.

Early Red Globe.—A few days later than the above, and is a variety of mild flavor, and a good keeper. Per pkt., 5 cts.; oz., 20 cts.; l., $1.75.

Wethersfield Red.—Large size, deep red, thick, approaching to round shape, fine-grained, pleasant flavored, and productive; ripens in September, and keeps well. Per pkt., 5 cts.; oz., 20 cts.; lb., $1.75.

White Globe.—Form nearly ovoid, regular, and symmetrical, mild and pleasant flavor; keeps well. Per pkt., 5 cts.; oz., 20 cts.; lb., $1.75.

MARTYNIA. One ounce will plant about 200 hills. The Martynia is of easy cultivation. The plants require to be set at least three feet apart each way, as they are very large and spreading. Sow the seed in April or May, in the open ground; or plants may be started in the hotbed and transplanted in the young pot, which are produced in great abundance, are much used for pickling.

MARTYNIA PROBISCIS.—For pkt., 10 cts.; oz., 30 cts.; 1 lb., $1.00.

MUSCADINE. One ounce will sow about eight feet of drill. CULTURE.—For early salads, sow in a slight heeled in March, and for a general crop at intervals through the spring, in rows six inches apart, and rather thick in the rows; cut it when about an inch or two high. (Chinese.)—Leaves twice the size of the ordinary White Mustard, of a deeper green; flavor, pleasantly sweet and pungent, and preferable as a salad. Per oz., 5 cts.; lb., 15 cts.

MUSTARD. [MUSTARD, Fr. Seaf, Gin. Mustard, Sp.]

One ounce will sow about eighty feet of drill. CULTURE.—For early salads, sow in a slight heeled in March, and for a general crop at intervals through the spring, in rows six inches apart, and rather thick in the rows. For culinary use. Per oz., 5 cts.; lb., 15 cts. For salads or medicinal purposes. Per oz., 5 cts.; lb., 15 cts.

GREEN AND GOLD.—The flesh is a beautiful golden-orange color, free from any tinge of white or other color. The flesh is beautifully granular in appearance, juicy and sweet, and of unequalled flavor. Independent of its delicious flavor, its rich golden color will make it most desirable as an ornamental for the table, especially if the slices are arranged in contrast with the crimson of the older sorts. Per pkt., 5 cts.; per oz., 10 cts.; 1 lb., $1.00.

Vick's Early.—A long, smooth, rather small variety, highly prized for its carminicity; size, medium, flesh, bright pink, sweet, and solid. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 25 cts.; lb., 80 cts.


Kolb's Gem or American Champion.—The skin of this variety is dark green, delicately marked with light green, the shape being that of a slightly oval; size, large, and remarkably uniform, varying from 25 to 50 pounds; rind, very thin, yet so remarkably firm and tenacious that it bears transportation without bruising and injury; flesh tender, melting, and of unsurpassed quality. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 25 cts.; lb., 80 cts.


Mountain Sweet.—One of the best for general culture; color, dark-green; rind, thick, flesh, scarlet, solid; very sweet, and delicious. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 25 cts.; lb., 80 cts.

Colorado Preserving.—This is much more productive than the common preserving citron, and is much larger, weighing from fifteen to forty pounds each. The flesh is firm and solid, with few seeds, which are pale-green. The preserving qualities are the finest. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 25 cts.; lb., 80 cts.


Delaware.—Of oblong shape, with skin beautifully striped, dark green. The flesh is a brilliant red, and ripens within one half to three fourths of an inch; green; solid, insinuous, and sappy, but free from strings, and of most excellent flavor; it combines all the good qualities of a perfect water-melon. Per pkt., 5 cts.; oz., 25 cts.; 1 lb., 50 cts.

COLORADO PRESERVING. White Gem.—Melons are perfectly round, of good average size, weighing from 10 to 20 pounds each, of a beautiful cream-white color; when ripe faintly striped with light-green. The rind is very thin, and the flesh is a rich, bright pink; very juicy. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 40 cts.
ONIONS - Continued.

Danvers Yellow Globe. — Also known as "Round," "Globe," "Fydelgra," in some localities. This fine onion has been for many years the favorite, and is now almost the only sort grown for the Boston market. The true

hastin type is large in size, an early and abundant crop, very thick

bulb, flat or slightly convex, bottom, full, oval top with small neck, and rich, brownish-yellow skin. Seed from this type is sure to be solid and well filled, than when grown full, and to much depth and shape. These tend to stay into thick, sandy or scallions. We ask attention to the seed we offer which is grown from this and perfect a selection of the variety as possible, and we enthusiastically recommend it as superior in quality, and the growing no second place to any of the variety to be obtained any-


White Portuguese, or Silver Skin.— A mild, pleasant onion, which grows to fair size and handsome shape. Excellent for winter use, and much esteemed for pickling. Per pkt., 5 cts.; oz., 15 cts.; 1-4 lb., 65 cts.

Danvers Yellow Globe. — Our crop of Danvers Yellow Globe is very short this season. Customers wishing our special stock will be obliged to order early.

Large Red Globe. — Distinct in form, being nearly globose; very produc-


White Portuguese, or Silver Skin. — A mild, pleasant onion, which grows to fair size and handsome shape. Excellent for winter use, and much esteemed for pickling. Per pkt., 5 cts.; oz., 15 cts.; 1-4 lb., 65 cts.

LARGE RED GLOBE ONION.

ITALIAN ONIONS.


Larce Hallan Red Tripoli. — Bulbs of this variety have been exhib-

ted weighing two and one half pounds; flavor excellent, and


TOP OR BUTTON ONIONS.

Top or Button Onions.— Per qt., 25 cts.; peck, $1.25.

Potato Onions. — Per qt., 25 cts.; peck, $1.25.

Okra Sets, Yellow. — Per qt., 25 cts.; peck, $1.25.


Prices Variable.


One ounce will plant 100 hills. If by small, in quantities of 4 ounces and upward, postage must be added at the rate of 8 cts. per pound.

CULTURE. — In mild climates plant late in the spring, after the ground has become warm, in hills about two and a half feet apart, and then to three plants in a hill. Hoe

often, and earth up a little to support the stems. The pods should be gathered while quite young and tender.


White Velvet. — Said to be the best of all. Pods are not ridged, but smooth and of a velvet appearance. Tender, and of good flavor. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 65 cts.


Biss's Abundance Pea. [Copryight, 1884, by W. W. Rawson & Co.]

Biss's Abundance. — Pods from three to three and a half inches long, containing six to eight large wrinkled peas of excellent quality. Per pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.; peck, $1.25.

EARLY PEAS.

Market Gardeners — before making up your order for the coming spring please take notice of the colored plates, painted from frontispiece in the first pages of this catalogue, kept at our Own Farms, the seeds of which we grew ourselves. Are there not some of these you would like to raise? Our Special price-list to Market Gardeners sent on application.

W. W. RAWSON & CO.


Sugar Dwarf.—Edible pods; can be used in a green state, like string beans; 2 ft. Per pkt., 10 cts.; pt., 20 cts.; qt., 40 cts.; pk., $2.50.

Yorkshire Hero.—One of the most desirable varieties in cultivation; is very prolific, and of delicious flavor; 2 ft. Per pkt., 15 cts.; pt., 25 cts.; pk., $1.25.

Horsford's Market Garden.—This wrinkled pea grows from fifteen to thirty inches high, is very stocky, and requires no staking. It is extremely prolific. Per pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.; pk., $1.25.

McLean's Market.—A dwarf green, wrinkled marrow, of the highest quality; long pods, well filled up; very prolific; nearly as early as Dan O'Rourke, 2 ft. Per pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.; pk., $1.25.

McLean's Blue Peter.—It is well described as a "Blue Tom Thumb," but possessing a more robust habit; very prolific, and of fine flavor. Per pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.; pk., $1.25.

GENERAL CROP.

Bills's Ever Bearing.—Pods average four inches long, and contain six to eight wrinkled peas of enormous size, many of them being over half an inch in diameter, while in sweetness and flavor they are unsurpassed. Per pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.; pk., $1.25.


Stratagem.—This is one of the best of the many English peas lately introduced. It is a dwarf wrinkled blue marrow, a heavy cropper, with large, remarkable and well filled pods; 2 ft. Per pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.; pk., $1.25.


Narrowleaf, Black-eyed.—Excellent for eating fresh or for garden pickles, having large and well filled pods; 4 ft. Per pkt., 5 cts.; pt., 10 cts.; qt., 20 cts.; pk., 50 cts.

PARSLEY.

[Persil, Fr. Petersilie, Ger. Pfeffer.] One ounce will sow 150 feet of drill. If by mail, in quantities of 6 ounces and upwards, postage must be added at the rate of 8 cts. per pound.

Parsley succeeds best in a rich, mellow soil, and, as the seeds germinate very slowly, should be sown early in the spring as the ground can be worked. Sow in drills fourteen inches apart, and thin to six or eight inches; cover one-half of an inch deep. To have parsley green during the winter, remove some plants into a light cellar, and treat them as in open culture in autumn.

Extra Double Curled.—Dwarf and tender; leaves curled beautifully and curled; used principally as a garnish for the table. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 50 cts.; 10 lb., $1.00.


Market Gardener's.—The plant is of very robust and free growth, and is generally improved by season cutting, and beautifully curled. It stands the heat or cold better than any other sort. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 50 cts.; 10 lb., $1.00.

Hamburg, or Rooted.—The roots are used for flavoring soups, etc. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 50 cts.; 10 lb., $1.00.


Parsley—Hardy, and the leaves are longer and of a darker green than the Curled; better for seasoning. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 50 cts.; 10 lb., $1.00.

GROUP OF PEPPERS, ABOUT ONE-HALF THE AVERAGE SIZE.


Chili.—Pods pendant, sharply conical, about two inches in length, half an inch in diameter, very piquant. Per pkt., 60 cts.; oz., 25 cts.; 1 lb., 50 cts.; 10 lb., $1.00.
PEPPERS—Continued.
Larce Bell, or Bull Nose.—Early, sweet, and pleasant to the taste, less pungent than most other sorts. Per pkt., 5 cts.; oz., 25 cts.; 1 lb., $1.00; 5 lbs., $5.00.

Red Cluster.—A sport of the Chili Pepper, which it resembles; the leaves and fruits, however, are smaller. The latter are curiously crowded together on each bunch; they are rather thin, and a very conspicuous coral-red color; very pungent.” Per pkt., 10 cts.; oz., 50 cts.

Cranberry.—Small, piquant, and of fine flavor. Per pkt., 10 cts.; oz., 40 cts.

Golden Dawn.—In color this is a bright golden-yellow, and in productive ness it is said to surpass any other variety. It is entirely free from bitter flavor. Per pkt., 10 cts.; oz., 25 cts.; 1 lb., $1.50; 5 lbs., $8.00.

Oxheart.—Medium sized, heart-shaped, productive, piquant; excellent for pickles. Per pkt., 10 cts.; oz., 20 cts.; 1 lb., $1.00; 5 lbs., $5.00.

Monstrous, or Goshorn.—Of cylindrical form. When ripe the fruit is of beautiful coral-red; sweet, and thick flesh. Per pkt., 10 cts.; oz., 25 cts.

Sweet South.—The earliest of all the varieties. The flesh is sweet, mild, and pleasant. Per pkt., 5 cts.; oz., 25 cts.; 1 lb., 50 cts.; 5 lbs., $2.50.

Sweet Spanish.—The earliest of all the varieties. Per pkt., 5 cts.; oz., 25 cts.; 1 lb., 50 cts.; 5 lbs., $2.50.

Coral Gem Bouquet.—Is the finest of the small-sized varieties. Its beautiful little pods of shining red color are so thickly set as to give it the appearance of a bouquet of corals, hence its name. Besides its great beauty, it serves the housekeeper in a most convenient way when pods are wanted for pickling. In the open ground the plants grow to a height of twenty-four to thirty inches, so densely set with pods as to bend its branches down. Per pkt., 10 cts.; oz., 30 cts.

Child's Celestial.—The finest pepper and one of the most beautiful plants in existence. The plant begins to set in peppers early in the season, and continues until frost, branching freely, and bearing pods profusely. The peppers, up to the time they are full grown, are of a delicate, creamy-yellow color, changing to an intense vivid scarlet, making a most beautiful contrast in the garden. The peppers are two to three inches long, and of clear, sharp flavor. Per pkt., 10 cts.; oz., 30 cts.

Ruby King Pepper.—Remarkably mild, and very pleasant to the taste. In this respect unequalled by any other red pepper. They are finely grow 4½ to 6 inches long by ¾ to 1¼ inches thick. So mild and pleasant is their flavor, that they can be thinly sliced and eaten with pepper and vinegar, or broken up in pots of tomatos or cucumbers, and make a very pleasant and appetizing salad. The plant is of a sturdy, bushy habit, and each plant produces from ten to fifteen pods, large, handsome, fruits. Per pkt., 10 cts.; oz., ½ lb.; 1lb., $1.00; 5 lbs., $5.00.

Charles Downing.—Strong, early, erect; growth, twenty-two inches high. Tubers smooth, and medium size, little scattered in the hill; smooth, bright yellow; firm, white flesh; flavor and grain excellent. Per pkt., 60 cts.; ½ lb., $1.00; 1 lb., $2.00; 5 lbs., $10.00.

White Star.—Large cropper, cooking qualities of the best; a good keeper. Per pkt., 60 cts.; ½ lb., $1.25; 1 lb., $2.50.

LATE VARIETIES.
Empire State.—A main crop variety, wonderfully productive. The skin is white and smooth, flesh pure white of fine flavor. Per pkt., 60 cts.; ½ lb., $1.00; 1 lb., $2.00.

White Star.—Large cropper, cooking qualities of the best; a good keeper. Per pkt., 60 cts.; ½ lb., $1.25; 1 lb., $2.50.

Lady Finger Potato.—Although this variety has been in cultivation in certain sections of the country for many years, it is comparatively little known in others. To those who are acquainted with it, it is unnecessary to say anything in its favor; but to those who have not thus far had the pleasure of tasting it, we would say that they have a treat in store for them if they test this variety. No other variety can approach it in quality and delicate flavor when properly baled. It is very prolific and quite free from disease. Per lb., by rail $1.00. Per pkt., 60 cts.; ½ lb., $1.25; 1 lb., $2.50.
PUMPKIN.

One pound will plant from 200 to 300 hills.

CULTURE.—The common practice is to drop two or three seeds in every third or fourth hill in the corn-field; but if cultivated on a large scale, the seed may be sown in hills eight feet apart each way, four plants to each hill, and otherwise treated in the same manner as recommended for scarlet or cucumbers.


Ottawa Field.—A large yellow variety, the best for field culture. Per pkt., 5 cts.; oz., 10 cts.; 1-lb., 25 cts.; lb., 60 cts.


Jumbo.—The largest variety grown, often attaining the weight of two hundred pounds; very productive. Per pkt., 10 cts.; oz., 25 cts.; 1-lb., 50 cts.; lb., $1.50.

Large Cheese.—Hardy, productive, and superior in all respects to most of the field-grown sorts; of fine grain and excellent flavor. Per pkt., 5 cts.; oz., 10 cts.; 1-lb., 25 cts.; lb., 60 cts.

Largest, or Mammoth.—Very productive, large size, often weighing one hundred to one hundred and fifty pounds. Per pkt., 10 cts.; oz., 25 cts.; 1-lb., 50 cts.; lb., $1.50.

EARLY SHORT TOP LONG SCARLET. When pure and true, it has a bright scarlet root and a very small top. Per pkt., 5 cts.; oz., 10 cts.; 1-lb., 30 cts.; lb., 60 cts.

SCARLET GLOBE RADISH.

EARLY SHORT TOP LONG SCARLET. When pure and true, it has a bright scarlet root and a very small top. Per pkt., 5 cts.; oz., 10 cts.; 1-lb., 30 cts.; lb., 60 cts.

SCARLET GLOBE RADISH.

EARLY SHORT TOP LONG SCARLET. When pure and true, it has a bright scarlet root and a very small top. Per pkt., 5 cts.; oz., 10 cts.; 1-lb., 30 cts.; lb., 60 cts.

EARLY SHORT TOP LONG SCARLET. When pure and true, it has a bright scarlet root and a very small top. Per pkt., 5 cts.; oz., 10 cts.; 1-lb., 30 cts.; lb., 60 cts.

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EARLY SHORT TOP LONG SCARLET. When pure and true, it has a bright scarlet root and a very small top. Per pkt., 5 cts.; oz., 10 cts.; 1-lb., 30 cts.; lb., 60 cts.
RAPE (Brassica Napus).

Sow in very rich soil, as early as the ground can be made ready in the spring, in rows one or one and one-half feet apart. Grow entirely for early spring greens.


RHUBARE.

Rhubarb succeeds best in deep, somewhat retentive soil. It may be propagated by seeds, but is usually grown from roots. But, whether grown from seed or from a deep, rich, well-manured soil, trenched to the depth of two or three feet, is required to insure the full development of the leafstalks. Sow the seed in April, and if the plants are of any size, place them in a bed and transplant them into the field in the fall. In the fall following, or the next spring, the plants will be large enough to transplant into rows three feet apart, setting them a distance of about 18 inches apart in the rows. When grown from roots, they are usually set in the spring, and sometimes in the fall; either spring or fall will do, but the spring is considered best.

Lisianus.—One of the best sorts for family use; thin skin; very early and productive. Per pkt., 3 cts.; oz., 25 cts.; lb., $2.50.

Parson.—Unquestionably one of the finest varieties of rhubarb ever offered, being the earliest of all and wonderfully productive. The crowns and stocks are produced in such profusion that more than twice the weight can be gathered from "Parson" than from any other sort. It has also the qualification over all others that it rarely seeds. The leaves are remarkably small, white in color the stalks are a light brown, and bright-red in the flowered parts. Strong plants, 25 cts. each; $3.50 per dozen.

SALISFIFY, or OYSTER PLANT.

[Salsify, Fr. Bockhut, Ger. Oster vegetal, Sp.]

One ounce will sow fifty feet of drift.

If by mail, in quantities of 8 ounces and upward, postage must be added at the rate of 8 cts. per pound.

CULTURE.—Similar in many respects to asparagus, and cultivated in the same manner. They may be hoed and served plain, or they may be cooked like the asparagus. Before cooking, the outer coarse rind should be scraped off, and the roots soaked for a few hours in cold water to extract their bitter flavor. Per pkt., 10 cts.; oz., 25 cts.; 1 lb., 75 cts.; lb., $1.50.

SEAS-KALE.

[Crambe maritima, Fr. Selkold, meerkold, Ger. Breton de mer, Sp.]

One ounce will sow 100 feet of drift; ten pounds for one acre.

If by mail, in quantities of 8 ounces and upwards, postage must be added at the rate of 8 cts. per pound.

CULTURE.—Sow the seed in light, deep soil, early in spring, in drills twelve inches apart and one inch deep, thinning out the young plants to four or five inches apart. Drill will be ready for use in October, when supply is taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till spring, but should be dug up before commencing their growth.


SPINACH.

[Spinacea, Fr. Spinat, Ger. Espinaco, Sp.]

One ounce will sow 100 feet of drift; ten pounds for one acre.

If by mail, in quantities of 8 ounces and upwards, postage must be added at the rate of 8 cts. per pound.

Spinach will succeed well in any good garden soil. For spring use, sow the seed in August or September, and cover with some coarse litter during the winter. If sown for fall early in the spring at intervals of two or three weeks, as the crop is needed. Spinach, as all know, furnishes us with one of the best as well as one of the most beautiful of spring greens.

Round Thick-Leaved.—The popular market variety; good either for fall or spring sowing. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 15 cts.; lb., 30 cts.


LONG STANDING.—Excellent for fall sowing. Stands three weeks longer without going to seed than any other sort we know of. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 15 cts.; lb., 35 cts.

New Zealand.—This plant grows very large and luxuriant in warm, rich soil, and produces a large quantity of leaves during summer. The plants should stand 1½ feet apart. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 15 cts.; lb., 30 cts.

Prickly or Fall.—Prickly seeded, with triangular, oblong, or arrow-shaped leaves. Mostly used for fall sowing. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 15 cts.; lb., 30 cts.


Arabian Pointed Lettuce.—A hardy, large growing variety; used quite extensively by our Arlington gardeners for fall sowing. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 15 cts.; lb., 30 cts.

SQUASH.

[Courge, Fr. Kabichis, Ger. Calabazas toumara, Sp.]

One ounce Early will plant fifty hills; one ounce Marrow twenty hills. Four to six pounds will be required per acre.

If by mail, in quantities of 8 ounces and upward, postage must be added at the rate of 8 cts. per pound.

The squash is a summer annual, and should not be planted until all danger from frost is past, and the ground is warm and settled; as, aside from the tender nature of the plant, the seed is liable to rot in damp, cool weather. The hills should be nine feet apart each way, and thoroughly manured. Slighty elevate them, and on this place seven or eight seeds, so as to have plenty for the bugs. The bush varieties, such as Summer Crookneck, White Scallop, etc., may be planted a little nearer together. Press the seeds down firmly before covering, and cover early planting; one or one and one-half inches deep, and late one and one-half inches deep. The best variety is as yet but little known for keeping off the bugs.


B U T U N A.—Has a thick shell, and is thick-meated, dry, sweet, and delicious; in its prime from October to January. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 25 cts.; lb., $3.00.

ESSEX HYBRID TURBAN.


M A R B L E B E A D.—Fl Ground in color than the Hubbard, while its combination of sweetness, dryness, and delicate flavor is something truly remarkable. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 25 cts.; lb., $1.25.

H U B B A R D.—This variety is more largely grown than any other; it has a bulky shell, and will keep three months later in the fall than the others. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 25 cts.; lb., 75 cts.
Bay State Squash.—The chief points of excellence in this variety are its extraneous utility, heavy weight, fineness and dryness of grain, and sweetness of flavor. It is also a trifle earlier than the hybrid, and has an extremely hard shell, giving assurance of being an excellent keeper. The shell being green, renders it especially valuable in markets where the demand is for a green winter squash. The flesh, however, is of a bright golden-yellow, and very fine flavored. In productiveness it fully equals, if not excels, the hybrid. It is also very uniform in shape and size, averaging in weight about ten or twelve pounds each. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 25 cts.; lb., 75 cts.

Ford Hook.—It is of medium size, bright yellow outside, and straw-yellow inside, flesh very thick, and the seed cavity small. The vine is a rapid grower, and the squashes mature earlier than other winter varieties, and it is also very productive. The quality is the best. Per pkt., 10 cts.; oz., 30 cts.

Market Gardeners

Bay State Squash.
TOMATO — Continued.

Dwarf Champion.—In manner of growth, it is peculiar, growing upright, quite dwarf, with firm, short-jointed stem, which makes it self-supporting. The fruit resembles the Acme in color, and is always smooth and symmetrical in form. Medium in size, and attractive in appearance. It is also very early. Its upright, compact habit of growth permits it to be planted closer together than other sorts. Per pkt., 10 cts.; oz., 25 cts.; 1 lb., 75 cts.; lb. $2.50.

Boston Market.—The old favorite early variety; color, bright-red; deeply ribbed. Per pkt., 10 cts.; oz., 25 cts.; 1 lb., 75 cts.; lb. $2.00.

Mayflower.—This is one of the earliest large tomatoes; of splendid shape, perfectly smooth, of a bright-red color, and ripens uniformly up to the stem. The flesh is solid, free from seeds, and of a pure, rich flavor; in productiveness it is unequalled. Per pkt., 5 cts.; oz., 25 cts.; 1 lb., 75 cts.; lb. $2.50.

Livingston’s Beauty.—A new variety, claimed by the introducer to be the best of all his varieties. Per pkt., 5 cts.; oz., 25 cts.; 1 lb., 75 cts.

Essex Early Hybrid.—Very early; solid, rich-flavored, large in size; grows perfectly smooth, of a bright purple-crimson color, and is extremely productive. It ripens all over alike, leaving no green spots around the stem; resembles Acme in color and shape. Per pkt., 5 cts.; oz., 25 cts.; 1 lb., 75 cts.; lb. $2.50.

Canada Victor.—An early variety originating in Canada; fruit solid, and of rich flavor. Per pkt., 5 cts.; oz., 25 cts.; 1 lb., 75 cts.; lb. $2.50.

The Cardinal.—This is quite early, of good shape, uniformly smooth, of superior flavor, solid, and of wonderful firmness. Its color is a most brilliant cardinal-red; it is a great bearer and good keeper. Per pkt., 5 cts.; oz., 25 cts.; 1 lb., 75 cts.; lb. $2.50.


Red Cross.—Very highly recommended by many large growers. Very smooth and even in size; solid, brilliant-crimson color; ripens evenly and bears handling equal to any. Our seed was saved from selected fruit. Per pkt., 25 cts.; oz., 1 lb., 75 cts.

Mikado (Tanner’s Hybrid).—Said to produce the largest fruit of any sort, and to be very comy. Fruit, solid, generally smooth, and produced in clusters; color, purplish-red; quality, excellent. Per pkt., 60 cts.; oz., 25 cts.; 1 lb., 75 cts.

Livingston’s Perfection.—An early variety, of blood-red color, perfectly smooth, ripens uniformly, and bears abundantly until frost. Per pkt., 5 cts.; oz., 25 cts.; 1 lb., 75 cts.

LIVINGSTON’S — Continued.


TUNIP.

[Tunet, Fr. Etole, Ger. Xabo, Sp.]

One ounce will sow 150 feet of drill; two pounds will sow an acre.

If by unit, in quantities of 8 ounces and upward, postage must be added at the rate of 8 cts. per pound.

CULTURE.—For early use, sow as soon as the ground can be worked in spring; in drills fifteen inches apart, and thin to eight inches apart as soon as plants are large enough to handle. For succession, sow at intervals of a fortnight until the last week of July; from which time until the end of August, sowings may be made for main and late crops. The sowings should always be done just before rain, if possible; and the success of the crop in a great measure depends upon quick germination, and a rapid and free growth at first.

WHITE FLESH VARIETIES.


RASWON'S PURITAN.

Raswon’s Puritan.—We believe that this variety possesses important advantages over any other, especially for marketing. In comparative tests it has shown not only a marked vigor of growth and productiveness over any of its competitors, but even during the past unfavorable season it has been entirely free from disease and “leaf curl.” It never cracks, and, being so very firm, and that of bright-scarlet color, which marketmen prefer, it has taken the lead since first offered to this market. Per pkt., 10 cts.; oz., 40 cts.; 1 lb., $1.00, lb. $4.00.

Arlington grown seed.

PURPLE TOP WHITE GLOBE. RED TOP STRAP-LEAVED.

Purple Top White Globe.—Of globular shape, very handsome, and of superior quality, either for the table or stock; an excellent keeper, and a fine market variety. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 20 cts.; 10 lbs., 30 cts.

Red Top Strap-Leaved.—This variety has the form and character of the white-top, except in color, which is red or purple above ground. Per pkt., 5 cts.; oz., 10 cts.; 1 lb., 15 cts.; 10 lbs., 25 cts.
YELLO W FLESH VARIETIES.

Large Yellow Globe.—Handsome, globular shape; color, pale-yellow, with greenish top. One of the best for a general crop, either for table use or stock. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 10 cts.; lb., 60 cts.

Robertson's Golden Ball.—The most delicate yellow-fleshed turnip we know of; not large, but firm, hard, and of excellent flavor; as a table variety it has no superior. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 10 cts.; lb., 60 cts.

Yellow Aberdeen Purple Top.—Bulb, globular, reddish-purple above, and deep-yellow below; tap-root, small; flesh, pale-yellow, tender, juicy, and solid. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 10 cts.; lb., 60 cts.

Yellow Stone.—Similar in appearance to the Golden Ball; splendid for table, and highly recommended for feeding stock; excellent for late sowing. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 15 cts.; lb., 50 cts.

SWEDISH OR RUSSIAN TURNIP (Ruta-Baga).

One ounce will sow 150 feet of drill; two pounds will sown an acre.

If by weight, in quantities of 8 ounces and uperior, postage must be added at the rate of 5 & per pound.

CULTURE.—Should be seen from the 20th of June to the middle of July, in drills two feet apart, and thinned out at that time to one root per 10 inches between each plant. The flesh is close-grained, very hard, and will endure a considerable degree of cold without injury. The roots are best preserved in a pit or cellar during winter, and are excellent for the table early in spring.

Carter's Imperial Hardy Swede.—An English variety, highly recommended as producing extraordinary crops. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 15 cts.; lb., 50 cts.

Improved American.—Largely grown both for table and for stock; flesh, solid, of fine quality; keeps well until summer. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 15 cts.; lb., 50 cts.


Shamrock Yellow Swede.—Similar to the above except that it is globe shaped. Per pkt., 5 cts.; oz., 10 cts.; lb., 50 cts.


Sweet German.—Bulb four or five inches in diameter, and six or seven inches in depth; skin two or three inches long; skin, greenish-brown above ground, white beneath; flesh, pure white, solid, very sweet, mild, well flavored; retains its solidity and freshness until spring. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 20 cts.; lb., 60 cts.

EXTRA EARLY MILAN PURPLE TOP.

Extra Early Milan Purple Top.—A new flat, strap-leaved variety, with white flesh; skin white under ground and purple-red above. It is two or three weeks earlier than any other variety. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 10 cts.; lb., 60 cts.

White Top Strap-Leaf.—Form roundish or flat; medium size, suitable for cooking. Per pkt., 5 cts.; oz., 10 cts.; 1-4 lb., 15 cts.; lb., 50 cts.

ToBACCO SEED.

One ounce will sow twenty-five feet square, and produce plants for one acre.

Seeds may be started in hot-hocks, or soon in the open ground as soon as the ground can be worked, in rich, dry soil; rake off the bed, and sow broadcast, pressing down firmly and evenly; covering the seed very slightly; keep free from weeds, and water frequently if the weather is dry; set out the first of June, three feet apart, in land that has been heavily manured. Look out for the tobacco worm, which must be removed as soon as it appears, or it will destroy the crop.

General Gran.—The earliest tobacco in cultivation; produces immense foliage, fine texture, small black and gray elastic; ripens as far north as Minnesota. Per pkt., 15 cts.; oz., 30 cts.; 1-4 lb., $1.00; lb., $3.00.

Common Seed Leaf.—Hardy leafed, excellent plants. Per pkt., 10 cts.; oz., 30 cts.; 1-4 lb., $1.00; lb., $3.00.

Iliana.—Imported seed. Per pkt., 10 cts.; oz., 30 cts.; 1-4 lb., $1.50; lb., $3.00.

Sumatra.—Leaves large, broad, and of fine texture. Excellent quality. Per pkt., 10 cts.;
FRUIT SEEDS.

By mail, 16c. per qt., 5c. per lb., additional for postage. Prices variable.

Apricot Pits (Armeniaca vulgaris).—Per lb., 30c.
Apple Seed (Pyrus Malus).—Per lb., 20c.; bush, $6.00.
Cherry Mahaleb (Cerasus Mahaleb).—Per lb., 30c.
Currant Seed (Ribes).—Red and white. Per oz., 2c.; lb., $1.50.

Peach Pits.—Per lb., 10c.; bush, $1.50.
Pear Seed (Pyrus communis).—Per oz., 20c.; lb., $1.50.
Plum Pits (Prunus communis).—Per lb., 20c.
Quince Seed (Cydonia conica).—Per oz., 20c.; lb., $1.50.

Strawberry Alpine.—Red and white. Per pt., 10c.; oz., 60c.

SEEDS FOR HEDGES.

If by mail, in quantities of 4 ounces and upward, postage must be added at the rate of 8 cts. per pound.

Barberry (Berberis vulgaris).—Very hardy, producing a fine, compact hedge, adding severe security against intrusion; also valuable for its fruit, which is excellent for preserving. Per oz., 15 cts.; lb., $1.50.

Honey Locust, or Aesculus. Three Thorns (Glycineus triflora).—Very hardy, and effectual for protection against man or beast; admirably adapted for fences. Per lb., 50 cts.

Osage-Orange (Mahonia aquifolium).—Thirty-three pounds to the bushel. Per oz., 10 cts.; lb., 50 cts.; bush, $8.00.

Yellow Locust (Robinia pseudo-acacia).—Per oz., 10 cts.; lb., 70 cts.

FRUIT SEEDS.

By mail, 16c. per qt., 8c. per lb., additional for postage. Prices variable.

Bird Sand.—Per pkg., 10 cts.
Canary.—Per qt., 10 cts.; bush, $3.00.
Cutty.—Per qt., 10 cts.; bush, $3.00.
Hemp.—Per qt., 10 cts.; bush, $2.50.
Lettuce.—Per oz., 10 cts.; lb., 30 cts.
Man.—Per lb., 15 cts.

MISCELLANEOUS SEEDS.

By mail 15 cts. per qt., 8 cts. per lb., additional for postage.

Broom Corn, Improved Evergreen.—Per qt., 25 cts.; bush, $4.50.
Broom Corn, Medium.—Grows from three to five feet high. Per qt., 25 cts.; bush, $4.50.

Flax Seed.—Clean. Per qt., 25 cts.; bush, $4.00.

Ken. (Early Amber Sugar Canes).—If skillfully handled, it will yield some twenty or twenty-five bushels of seed, and a hundred and fifty or more gallons of pure syrup per acre. All kinds of farm stock are fond of the seed; when gathered and mixed with bran, it makes a good, heavy feed for horses. Per lb., by mail, 25 cts. When sent by express it is a little extra. Per dozen, $3.00.

Sainfoin.—Double cutting. Much grown in Europe for sowing. Per lb., $2.50.

Sundlower, large Russian.—Per qt., 15 cts.; bush, $3.00.

FARM SEEDS.

BUCKWHEAT.

Japanese.—Ripens a week earlier than the Silver Hull, and yields two or three times as much. This variety should be largely grown by those interested in Bee Culture. Per peck, $5.00.

Silver Hull.—Light-gray color, varying slightly in shade, and the corners are much less prominent than in the ordinary variety, while the husk is thinner. Per peck, 60 cts.; bush, $1.50.

Common Variety.—Too well known to require description: one bushel of the seed required for an acre. Per bushel, $1.00.

BARLEY

Common.—Succeeds best on lands more sandy and lighter than those adapted to wheat. It is sown in the spring, and can be grown farther North than any other grain. Sow from two to two and a half bushels per acre. (8 lbs. to bushel.) Per bushel, $1.25.

MILLET

Hungarian (Panicum Germamense).—An annual forage-plant of great value. It flourishes during the heat of summer, remaining green when almost all other vegetation is dried up. It is one of the best forages for green fodder, and makes hay of the best quality. Sow broadcast about one bushel of seed per acre, from the middle of June till the first of July. (4 lbs. per bushel.) Price variable. Per bushel, $1.50.

Millet, Common or Italian (Panicum miliaceum).—In habit and usefulness, very similar to the preceding. The flower stem is of a more branching, open appearance. This plant requires a rather better soil than Hungarian; cultivation the same. (30 lbs. to bushel.) Price variable. Per bushel, $1.50.

Golden Millet (Lepidium tenuissimum).—Grows much taller, and produces larger crops, than either of the preceding species: it also requires more time to grow, and a good soil. It makes a very coarse-looking, dry fodder, which is readily eaten by live-stock. Cultivation the same as the other millets. (50 lbs. to bushel.) Price variable. Per bushel, $2.50.

GRASS SEED MIXTURES.

Rawson's Mixture for Hay.—This is a mixture of such grasses as are best suited to grow in locations favorably shaped, such as orchards, shrubberies, etc. For two and a half to three bushels per acre. Per qt., 20 cts.; oz., 10 cts.; bushel, $1.50.

Rawson's Mixture for Permanent Pastures.—Composed of grasses and clovers, best suited for permanent pastures. Great care is used in the selection of the varieties composing this mixture. Per bushel, $3.00.

CLOVERS

Alsike Clover (Trifolium hybridum).—Perennial; flowers in June and July. It is deservedly in repute as one of the best perennial clovers, and is well adapted to this country. A valuable acquisition, and is now generally approved of in all mixtures of grasses and clovers. 60 lbs. to the bushel. 12 lbs. will sow one acre; per lb., 20 cts.

Crimson, or Italian Clover (Trifolium incarnatum).—Spikes or heads ovate, and of a beautiful crimson color. When in flower, an elevation, height, 18 inches to 2 feet; flowers in June and July. It forms a valuable green food for cattle early in the season, and, if cut when in full bloom, yields an abundant crop; 20 lbs. will sow one acre. Per lb., 30 cts.

RED CLOVER (Trifolium pratense).—The common or medium red clover, so generally cultivated in this country, (60lbs. to the bushel.) Market price.

White Clover (Trifolium repens).—This variety is more valuable than any other for permanent pastures, and is also used in lawn mixtures (60 lbs. to the bushel). Per lb., 30 cts.

Lucerne Clover, Alfalfa (Medicago sativa).—Perennial; height about 3 feet; flowers in June and July. The soil which appears most congenial to it are those of a light sandy nature. If proper care is taken of the young plants, they flourish very well; but it is not often in this country that they are reared to maturity. It is at least the third season after sowing before they arrive at full maturity. It can be sown either in drills 12 inches apart, or broadcast. In broadcast, use the same as clover, 12 lbs. to bushel. Per lb., 30 cts.
BOWKER'S LAWN DRESSING.

This dressing has been in use for several years, and we have the most satisfactory reports from our customers who have tried it.

PRICES.—100-lb. bag, for plat 100x100 feet, $3.00; 50-lb. bag, for plat 50x100 feet, $1.25; 25-lb. bag, for plat 25x25 feet, $1.00; 10 lb., for plat 10x10 feet, $0.50.

SELECT GRASS SEEDS FOR THE FARM AND LAWN.

Creeping Bent, or March Bent Grass (Agrostis stolonifera).—Excellent for lawn. Sow forty pounds per acre. Per lb., 25 cts.; 100 lb., $17.00.

Crested Dog’s Tail, or Gold Grass (Cynosurus cristatos).—Excellent for lawn and permanent pasture. About twenty-five pounds are wanted per acre. Per lb., 30 cts.; 100 lb., $2.50.

Dwarf-Leafed, or Eye Fescue ( Festuca vales) — Especially adapted to marshy soils. Sow forty pounds to the acre. Per lb., 25 cts.; 100 lb., $2.00.

Hard Fescue ( Festuca verticillata).—Excellent for pasture, as it retains its verdure during long-continued drought. Thirty pounds will sow an acre. Per lb., 20 cts.; 100 lb., $1.00.

Italian Fescue ( Lotonotus italicus).—Thirty-five pounds to the acre. Per lb., 20 cts.; 100 lb., $3.00.

Johnson Grass ( Sorghum halepense).—A strong grower; twenty-five pounds will sow an acre. Per lb., 20 cts.; 100 lb., $1.25.

Kentucky Blue Grass ( Poa pratensis).—This should be used in all permanent mixtures especially in lawns (12 lbs. to the bush). Forty-five pounds will sow an acre. Extra clean. Per lb., 18 cts.; 100 lb., $1.20.

Meadow Fescue ( Festuca pratensis).—An excellent grass for permanent pasture. Twenty-five pounds will sow an acre. Per lb., 25 cts.; 100 lb., $2.00.

Meadow Fescue ( Festuca pratensis).—Especially adapted for permanent pastures. Forty-five pounds will sow an acre. Per lb., 25 cts.; 100 lb., $2.00.

Meadow Soft Grass ( Holcus lanatus).—Is adapted to most any soil, also grows well under trees. Twenty-five pounds will sow an acre. Per lb., 18 cts.; 100 lb., $1.20.

Orchard Grass ( Indiga plummera).—Forty pounds will sow an acre (14 lbs. to the bush). Per lb., 20 cts.; 100 lb., $1.00.

Perennial Rye Grass ( Lolium perenne).—Sixty pounds will sow an acre (24 lbs. to the bush). Per lb., 12 cts.; 100 lb., $7.00.

Red or Creeping Fescue ( Festuca rubra).—Is especially valuable on account of its suitability for loose, light and dry soil (12 lbs. to the bush). Twenty-five pounds will sow an acre. Per lb., 25 cts.; 100 lb., $2.50.

Rhode Island Bent ( Agrostis stolonifera).—A valuable grass for lawns. Thirty pounds will sow an acre. Per lb., 25 cts.; 100 lb., $2.00.

Rough-Stalked Meadow Grass ( Poa trivialis).—Is especially adapted for pasture and irrigated meadow. Thirty-five pounds will sow an acre. Per lb., 20 cts.; 100 lb., $2.00.

Red-Top Grass ( Agrostis canina).—Thirty pounds will sow an acre. Valuable for permanent grass or as mixture in lawns. Per lb., 8 cts.; 100 lb., $5.00.

Red-Top.—Fancy cleaned, absolutely clean seed. Per lb., 15 cts.; 100 lb., $1.25.

Sheep Fescue ( Festuca ovina).—Grows freely in high, dry and open pastures. Thirty-five pounds will sow an acre. Per lb., 20 cts.; 100 lb., $1.20.

Sweet-Scented Vernal Grass ( Anthoxanthum odoratum).—Twenty-five pounds will sow one acre. Per lb., 20 cts.; 100 lb., $1.25.

Sweet-Scented Vernal.—True perennial, per lb., 50 cts.; 100 lb., $1.00.

Tall Fescue ( Festuca pratensis)._Excellent for permanent pasture mixture. Forty pounds will sow one acre. Per lb., 25 cts.; 100 lb., $2.00.

Tall Meadow Oat Grass ( Arrhenatherum elatior).—Is early and very productive. Fifty pounds will sow an acre. Per lb., 30 cts.; 100 lb., $1.50.

Timothy, or Herb’s Grass ( Phleum pratensis).—We keep the best grade (45 lbs. to the bush). One half bushel will sow 20 acres. Per lb., 6 cts.; 100 lb., $5.00. Price subject to change without notice.

Various-Leafed Fescue ( Festuca heterophylla).—Forty pounds will sow an acre. Per lb., 25 cts.; 100 lb., $1.00.

Wood Meadow Grass ( Poa nemoralis).—It is especially valuable for lawns and grounds somewhat shaded. Thirty pounds will sow an acre. Per lb., 40 cts.; 100 lb., $3.50.

Yellow Oat Grass ( Arrhenatherum elatior).—Twenty-five pounds will sow an acre. Per lb., 30 cts.; 100 lb., $1.00.
KITCHEN-GARDEN ROOTS, PLANTS, ETC.

Plants, sent by either mail or express, will be packed with all possible care; but as unavoidable delays will sometimes occur while on the route, we cannot be responsible for the condition in which they reach the purchaser, nor can we make any allowances for losses that may occur. We do not recommend sending plants by mail. Positively no plants sent C. O. D.

ASPARAGUS ROOTS.

Conover’s Colossal.—Two-year-old roots, by express. Per 100, $1.00; 1,000, $7.50.

Conover’s Colossal.—One-year-old roots, by mail (postage paid). Per 100, $0.50.

Moore’s New Giant Cross-bred.—Two-year-old roots, by express. Per 100, $1.25; 1,000, $8.00.

Palmarito.—Two-year-old roots, by express. Per 100, $1.50.

CABBAGE PLANTS.

Rawson’s Early Summer.—Per 100, $1.25; 1,000, $10.00.

Henderson’s Summer.—Per 100, $1.00; 1,000, $7.50.

Stone-Mason Drumhead.—Per 100, $1.00; 1,000, $7.50.

Fother’s Drumhead.—Per 100, $1.00; 1,000, $7.50.

American Improved Savoy.—Per 100, $1.00; 1,000, $7.50.

CAULIFLOWER PLANTS.

Henderson’s Snowball.—Per 100, $2.00; 1,000, $15.00.

Early Dwarf Erfurt.—Per 100, $1.00; 1,000, $8.00.

CELERY PLANTS.

Rawson’s Early Arlington.—Per 100, 75c; 1,000, $6.00.

Boston Market.—Per 100, 75c; 1,000, $6.00.

Paris Golden.—Per 100, 75c; 1,000, $6.00.

EGG PLANTS.

New York Improved.—Each, 10c; doz., $1.00; 100, $6.00.

HORSE-RADISH SETS.

By mail, per doz., 10c. By express, per 100, 50c.; 1,000, $3.00.

JERUSALEM ARTICHOKE.

Strong tubers, per qt., 25c; peck, $1.25; bushel, $3.00. A 3-lb. package by mail, $1.00.

LETTUCE PLANTS.

Boston Market.—Per 100, $1.00.

Black-seeded Tennis Ball.—Per 100, $1.00.

Useful Tables for the Farmer and Gardener.

Quantity of Seeds Usually Sown to the Acre.

<table>
<thead>
<tr>
<th>Plant</th>
<th>Quantity Sown per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chax, broadcast</td>
<td>1 to 2 bush</td>
</tr>
<tr>
<td>Grass, Herbs, or Timothy, alone</td>
<td>½ bush</td>
</tr>
<tr>
<td>Grass, Red top, alone</td>
<td>½ bush</td>
</tr>
<tr>
<td>Grass, Rhode Island Beut, alone</td>
<td>½ bush</td>
</tr>
<tr>
<td>Grass, Lawn, alone</td>
<td>3 to 4 bush</td>
</tr>
<tr>
<td>Grass, Orchard, alone</td>
<td>40 bush</td>
</tr>
<tr>
<td>Grass, Kentucky Blue</td>
<td>40 bush</td>
</tr>
<tr>
<td>Grass, English Rye-grass, alone</td>
<td>2 bush</td>
</tr>
<tr>
<td>Millet, Hungarian, alone</td>
<td>½ bush</td>
</tr>
<tr>
<td>Millet, large, alone</td>
<td>½ bush</td>
</tr>
<tr>
<td>Mustard, broadcast</td>
<td>12 to 16 ozs.</td>
</tr>
<tr>
<td>Oats, broadcast</td>
<td>2 to 3 bush</td>
</tr>
<tr>
<td>Onion, in drills</td>
<td>4 to 6 bush</td>
</tr>
<tr>
<td>Pansy, in drills</td>
<td>4 to 6 bush</td>
</tr>
<tr>
<td>Peas, early in drills</td>
<td>1½ to 2½ lbs.</td>
</tr>
<tr>
<td>Peas, Marrow, in drills</td>
<td>1½ to 2½ lbs.</td>
</tr>
<tr>
<td>Potato, cut tubers, in drills</td>
<td>8 to 10 bush</td>
</tr>
<tr>
<td>Raddish, in drills</td>
<td>8 to 12 lbs.</td>
</tr>
<tr>
<td>Rye, broadcast</td>
<td>1½ bush</td>
</tr>
<tr>
<td>Radish, in drills</td>
<td>6 to 8 bush</td>
</tr>
<tr>
<td>Spinach, in drills</td>
<td>8 to 12 lbs.</td>
</tr>
<tr>
<td>Turnip, in drills</td>
<td>1½ to 3 bush</td>
</tr>
<tr>
<td>Wheat, broadcast</td>
<td>1½ bush</td>
</tr>
</tbody>
</table>

General Grass-Seeding for Moving-Lands.


Number of Plants, Trees, etc., required to set an Acre.

<table>
<thead>
<tr>
<th>Plant</th>
<th>Number of Plants, Trees, etc., required to set an Acre.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 foot by 1 foot</td>
<td>43,569</td>
</tr>
<tr>
<td>1½ &quot; 1½ &quot;</td>
<td>19,360</td>
</tr>
<tr>
<td>2 feet 1 ft</td>
<td>21,780</td>
</tr>
<tr>
<td>2 &quot; 2 &quot;</td>
<td>16,880</td>
</tr>
<tr>
<td>2½ &quot; 2½ &quot;</td>
<td>6,670</td>
</tr>
<tr>
<td>3 &quot; 3 &quot;</td>
<td>4,150</td>
</tr>
<tr>
<td>4 &quot; 4 &quot;</td>
<td>2,630</td>
</tr>
<tr>
<td>6 &quot; 6 &quot;</td>
<td>1,420</td>
</tr>
<tr>
<td>8 &quot; 8 &quot;</td>
<td>680</td>
</tr>
</tbody>
</table>

PEPPER PLANTS.

LARGE BELL OR Bell-Neo.—Per doz., 50c; 1,000, $3.00.

Squash or Tomato-shaped.—Per doz., 50c; 1,000, $3.00.

RHUBARB ROOTS.

Rhubarb roots may be planted early in the spring or in fall (spring preferred), setting the roots 3 feet apart each way. It requires but little labor; once planted, it will remain in bearing condition for 3 or 4 years, only requiring a top-dressing of manure dug in spring or fall. Each, 20 cts.; per doz., $2.00.

TOMATO PLANTS.

(READY MAY 1.)

Perfection.—Per doz., 35 cts.; per 100, $2.50.

Acme.—Per doz., 35 cts.; per 100, $2.50.

Trophy.—Per doz., 35 cts.; per 100, $2.50.

Favorite.—Per doz., 35 cts.; per 100, $2.50.

Dwarf Champion.—Per doz., 35 cts.; per 100, $2.50.

SWEET POTATO.

EARLY GOLDEN.

Early, productive, good quality. Slips planted May 10 produce tubers large enough for the market July 25. On account of its early maturity, it is well adapted for cultivation in the Northern States. They will grow on quite ordinary soil, with but a light coat of manure, and yield a large crop. In good soil they will produce many specimens weighing 3 to 5 pounds each.

Slips ready about May 1.

Price of slips, by mail, post paid, per doz., 40 cts.; per 50, $1.00; per 100, $1.50. By express, at purchaser’s expense, per 100, $1.00; per 1,000, $7.50.
Flower Seeds.

Plants are generally known and described as Annuals, Biennials, or Perennials.

**HARDY ANNUALS.**

The term "annual" is applied to those plants which flower and ripen their fruits the season they are sown, and then perish. This definition is in no way affected by the fact that many annuals may be treated as biennial, or, in other words, may be sown in Autumn for flowering early in the following season. By "hardy annuals" is usually understood those which require no artificial heat at any period of their growth; every stage of their development, from germination: to ripening of the seed, being passed in the open ground; whilst the term half-hardy is applied to those species which flower, and often ripen their seeds in the open air, but need the assistance of artificial heat in the earlier stages of their growth.

In common, however, with the more scientific groups of the botanists, the two classes of hardy and half-hardy annuals, though sufficiently distinct in external characters, are blended by the other half-hardy annuals. On the one hand, there are plants whose seeds will germinate in the open ground under the most unfavorable conditions, and others which will fail to do so under any circumstances, unless aided by artificial heat, there are many which may be placed in either category, according as the nature of the local conditions may vary. It will be evident, therefore, that no classification of annuals could be given which would be strictly applicable in any locality, nor even which should hold good for all places in the same State.

It is to be regretted that the cultivation of popular flowers, _i.e._, hardy, half-hardy and tender annuals, biennials, and perennials, has hitherto not received that attention which their attractiveness, beauty, and easy culture so well merit. For what class of flowers, when properly grown, combines such richness of color, elegance of form, and profusion of bloom? Annuals, etc., to be appreciated, must receive the same liberal treatment as is given to the more expensive and laborious branches of our horticultural gardens. They should be early, carefully and sufficiently thinned out to prevent the plants being injured through crowding, and to allow room for individual development. Tall-growing varieties should, when necessary, have supports, to prevent damage from wind and rain. This additional care will be amply repaid in the duration and beauty of the plants.

Soil.—The soil best adapted to flowering plants, generally, is a light, friable loam, containing a moderate amount of vegetable matter, and sufficient sand to render it porous; but as it rarely happens that the amateur has much soil, it is fortunate that most of them will succeed in any but such as is of an extremely dry, sandy, or calcareous nature, or of a stiff, heavy, retentive character. In the former, the plants are sure to be starved; and in the latter, if they ever fairly take root, there is generally an unhealthy development of the foliage at the expense of the flowers, and other plants used for bedding purposes. They should be early, carefully and sufficiently thinned out to prevent the plants being injured through crowding, and to allow room for individual development. Tall-growing varieties should, when necessary, have supports, to prevent damage from wind and rain. This additional care will be amply repaid in the duration and beauty of the plants.

**BRIEF HINTS ON THE SOWING AND CULTIVATION OF ANNUAL, BIENNIAL, AND PERENNIAL FLOWER SEEDS.**

In ordinary good soil an annual dressing of leaf-mould, decayed turf, or thoroughly rotted manure, in quantities proportioned to the requirements of the soil, dug to the depth of a few inches, will be all that is requisite. These should be applied in Spring, only just previous to sowing seeds, or much of the benefit resulting from them will be lost, though a dressing regularly be advantageously given in Autumn. In preparing the beds, care must be taken that they are so arranged that the ground may be a little elevated in the middle, so that the water may run off, and the plants show to a better advantage.

**PERIODS OF SOWING.**—With regard to the proper season for sowing, much necessarily depends on the character of the season. As a general rule, the first sowings of this class in the open ground may be made about the middle of April, and continued until June. We doubt if any real advantage is gained by committing the seed to the ground at an earlier period, particularly in our northern states; for even when the weather chance to be sufficiently mild and open to permit of their being sown earlier, no reliance can be placed on its continuance. In any case, it is advisable to sow but a portion of each packet in the first instance, the remaining seed being reserved for subsequent sowing in case of failure.

**MORO OF SOWING.**—Seeds may be sown in patches among the border plants, in rows or groups where they are to remain, or in a nursery bed and afterwards transplanted. As a general rule, the surface soil should be rather dry than otherwise at the moment of sowing; but the operation never should be undertaken when the ground is very wet, especially at an early period of the Spring. Whenever it may be desirable, for some special reason, to sow when the ground is too damp, the surface should be scratched off to the depth of an inch or two, and its place supplied by a handful of dry soil, on which the seeds may be sown. In the case of seeds of a moderate size, the surface soil may be scraped aside with the edge of a trowel to the depth of a quarter of an inch, and around the circumference of the slight hollow thus made the seeds may be thinly strewn; the soil being then returned, and gently pressed flat with the hand or trowel. If the soil should be of an adhesive nature, the pressure should be very slight, or the surface will cake; it will be better in this case to cover the seeds with a little sandy loam or other friable soil, instead of that of the border where the sowing is made. It is particularly requisite that seeds should not be sown too deep, from whence arise most of the failures of imperfectly cultivated gardens. The depth at which seeds are sown will vary with their size; large seeds, such as those of the Lupins, Sweet Pea, or Marvel of Peru, may be three quarters of an inch deep; other varieties, from an eighth to half an inch deep, according to the size or nature of the seed. Some that are very small require to be sown on the actual surface, a slight pressure being then sufficient to embed them to a proper depth. For a majority of the seeds a very thin covering suffices; if sown too deep, they are longer in germinating, and the small ones are liable to decay. It sometimes ensures a more even distribution of very small seeds, such as those of Capmpendium, Digitalis, etc., if they are intimately mixed, before sowing, with a little fine, dry soil, the mixture being sown in the same way as the seeds. Woolly seeds which adhere to each other, like the Glove Amaranthus, etc., should be rubbed with a little fine sand, which will generally separate them. In all cases, the more thinly the seeds are sown, the better; when too thickly sown, the seedlings become crowded, and the young plants may be damaged by the heat.
necessary to water the seeds slightly from a very fine rose watering-pot. Rain-water is preferable. In the absence of rain, this application must be repeated every day or two; for it is important to observe that when once the seeds have begun to swell, they are peculiarly susceptible to injury from drought and will speedily perish, unless the soil be maintained in a moderately moist state. The success of transplants often depends on the care with which they are watched and watered. The seedsman unjustly blamed. On the other hand, an excess of moisture previous to germination will often cause seed to decay, especially in cold seasons. Early in spring, therefore, the water-pot must be used with judgment, and never late in the day when frosts threaten.

**Transplanting.**—As soon as the seedlings are an inch high, such of the patches as are too thick should be carefully thinned out, especially about the centre of the tuft. After a while, the seedlings removed may, if thought desirable, be replanted, and will generally bloom a week or ten days after their replanting. For instance, if some of the Poppies, or the kernels of the Poppy tribe, will not bear transplanting; occasionally they will succeed if removed very young, but are rarely worth the trouble. Transplanting should, if possible, always be performed in cloudy weather or towards evening; and, if the soil be wet, the seedlings should be slightly watered, to settle the soil about the fibres, shading them for two or three days subsequently, should the weather be sunny. Plant the dwarf-growing varieties in the front of the border, and the taller ones in the rear. As they increase in size, tie them up to stakes, to prevent the rain and wind from protruding them.

**SHRUBS, ANNUALS AND BIENNIALS.**

The term “half-hardy,” as has already been explained, is applied to those annuals which, though they will flower freely in the open ground, require artificial heat to assist germination, and protection from atmospheric changes during the earliest stages of their growth. Many of them are of great beauty and interest, and derive an additional value from flowers and foliage. The growth of these seedlings may be much accelerated, if the hot-bed or stable manure offers the simplest means of obtaining a gentle bottom heat sufficient for most seeds; though when other more perfect sources are available, they will of course be employed. In many cases the seeds are sown on the layer of soil which covers the hot-bed, but the most usual, and by far the best plan is to sow them in pots or seed-pans, the latter being preferable, as they are more shallow than pots, and afford a larger surface in proportion to their breadth. If these cannot be procured, shallow boxes will answer. The pots should be quite dry and clean when used, and to insure thorough drainage, which, essential for all plants, is doubly so for seedlings, must be filled at least one third their depth with broken crock or lumps of charcoal, the largest fragments being placed at the bottom, and the smallest at the top. A uniform compost of light, sandy loam, enriched by a considerable mixture of leaf-mould or very old horse manure, kept until it can be easily rubbed to powder, may be used. Fill the pots lightly with the soil to the brim, when the pot should be gently struck, to settle the mass about half an inch from the brim. If it should settle below that point, a little more may be added. When a sufficient number of pots are filled, the surface of each should be gently levelled by pressure with a circular piece of wood, having a diameter equal to the surface, which, from requiring the smoothest surface, is the best. What is evident to the eye, will facilitate their equal distribution. The rules observable in sowing in the open ground apply equally in pots. The seeds should be uniformly and thinly scattered over the flattened surface, and be then covered by a slight layer of pulverized soil, which for most seeds need not be thicker than a twenty-five cent piece; after which the surface may again be slightly pressed, then gently watered with a very fine rose watering-pot or an elastic plant-sprinkler which is better, and is ready to be placed in a frame. In the case of very small seeds, such as those of *Petunia, Lobelia,* etc., the covering of the soil should be very thin, barely covering the seeds. The seeds may be sown directly into the soil, unless very carefully watered, it is even advisable to moisten the flattened surface of soil in the pot before sowing the seeds instead of afterwards. Place the pots containing the seeds on the hot-bed, or in the greenhouse near the glass. Keep them shaded, which will prevent absorption by the rays of the sun, and the consequent necessity of frequent watering, which, in the case of delicate seedlings, is injurious, and does much mischief to seeds of slow growth. Flat seeds, such as *Zinnia, Stocks, Coleus, Didiscus,* also *Melos* and *Cucumbers,* when sowed for forcing, are best put in edgeways, being sometimes liable to rot when sown flat. As the seedlings of slender-growing plants begin to appear, the glass may be raised, and the beds not washed down and lost when water is applied. Towards the middle or end of May, many of the seedlings will be ready for transferring to the borders or beds they are intended to decorate; but previous to this exposure it will be necessary to prepare them for the removal, by admitting air to the frame both day and night, or, if preferable, by placing them in a separate frame, in which they may be gradually hardened off,—at first by keeping the lights down during the day only in favorable weather for five or six days, after that at night also, proceeding carefully while the nights are cold. Many of the half-hardy and tender annuals will succeed if planted in the open ground the last of May, and treated the same way as recommended for hardy annuals.

**BIENNIALS AND PERENNIALS.**

Biennials are those plants that do not generally flower the first year, and are only in perfection one season. Perennials continue to flower several years in succession. The seed may be sown at any time from May to August. Some varieties may be sown in September, or as soon as ripe, and, if the plants get strong before the setting in of winter, will flower the next spring. Many Melons, Zinnias, etc., which are raised like annuals, and transplanted; but choice kinds should be sown, as directed for half-hardy and tender annuals, in pots or seed-pans. Several of them, on account of their slow tendency to vegetate, are more difficult to raise; and the marks respecting watering and shading will apply as often enough to search the delicate leaves and roots of most the biennials. While they are in their first year, they may be thinned out or removed from the seed-beds as soon as they are well rooted, and planted either into different parts of the garden or into a nursery-bed, in rows a foot or more apart. Keep them clear of weeds by hoeing and stirring the earth occasionally, which will greatly promote the growth, and hasten the setting of the blossoms, either in the Autumn or the following Spring. Biennials are raised principally from seed sown every year. In transplanting, take care to preserve some earth to their roots, and tie the tall-growing kinds to neat poles or rods. Remove decayed plants, and replace them with vigorous ones from the nursery-bed. Keep all the beds free from weeds, and the walks clean and neat.

**SEEDS OF GREENHOUSE PLANTS.**

Especially *Epinard, Cadabrodia, Achinices, Gloxinias,* etc., require extra care in sowing; as the seeds are very fine and delicate. The pots and soil should be prepared as recommended above for tender annuals. Make the surface of the soil smooth, and fill the pots or seed-pans, the latter being preferable, with a fine soil, of a dark green color, having a little charcoal in it; water with a fine rose. After the pots have thoroughly drained, the seed must be very evenly and carefully sown. It will require no covering. After sowing, place the pans under a glass in a close frame (it will require no artificial heat, keep shaded, as exposure for a short time to the sun's rays will often be sufficient to cause the delicate leaves and roots of the seedlings to wither); directly the plants are large enough to handle, they must be pricked into other pans, which have been prepared in the same manner as for seed sowing, and allowed to grow till they touch each other; then shifted into small pots, and replaced in close frames. As soon as the roots fill these pots, it will be necessary to re-pot in larger sizes. They will now do, if replaced in frames or put on shelves in the greenhouse near the glass. Water regularly, re-pot and stake when required. If troubled with green fly, select a quiet evening, and fanigate with tobacco.

These remarks will apply also to the cultivation of the *Chrysanthemum, Chinese Prunus, Cornelian,* and many other rare seeds, except that they are more hardy, and will thrive with less care. The seeds being larger will require a light covering of finely pulverized soil.

**SEEDS OF TREES AND SHRUBS.**

require careful treatment. Most failures arise from not sowing them in partial shade. If hot bursts of sun come on the seed beds while the seeds are swelling, and cold follows, many seeds are liable to rot before they appear above the surface. For raising seeds on an extensive scale, many now use artificial arbors, tall enough to work under. For smaller lots, brushwood, or a thin shade of corn-stalks on a skeleton frame, is an excellent plan. Where birds are destructive, lattice frames are made to cover the beds with fine wire. Many kinds of seeds, which, in the hands of experienced cultivators, need no shade; but to all persons of limited knowledge we would recommend to shade every seed.

Seeds take some time to swell their coats after going in the ground; hence all should be put in as early as possible, even though the frost be not out of the ground. If any dry soil can be had to cover, many find advantage in sowing even on frozen soil. In some climates where the springs are early, some seeds will remain in the ground till the following spring. If they fail to appear by the time the spring is over, examine, and, if found with fresh kernels, keep the beds watered and shaded till the next season. At the end of two years they may be transplanted into nursery rows, six to eight inches apart, according to the size of the plants. *Walnuts, Jennis, Horse-chestnuts,* should be planted as soon as gathered; or they may be preserved in sand or soil so that they will not become dry through the winter, and planted in the spring.

When in doubt, all the seedings are all that any one needs to have tolerable success in raising true-seeds. The great experience, of course, the greater the success.
In ordering Flower Seeds by numbers, it is absolutely necessary to state the year of publication of the catalogue from which they are taken, as new editions are annually published, and the numbers changed.

A dash (—) indicates a repetition. fl. pl. signifies flore pleno, or double. Full cultural directions are given on each packet.

**POSTAGE PREPAID ON ALL FLOWER SEEDS AT PRICES QUOTED.**

<table>
<thead>
<tr>
<th>SPECIAL INDUCEMENTS.</th>
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<tr>
<td>We make the following special inducements to those who purchase seeds in packets only.</td>
<td></td>
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<tr>
<td>For one dollar seeds may be selected amounting to</td>
<td>$1.20</td>
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<td>For two dollars seeds may be selected amounting to</td>
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<td>For three dollars seeds may be selected amounting to</td>
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<td>For four dollars seeds may be selected amounting to</td>
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<tr>
<td>Or seeds amounting to $4.00, and one copy of &quot;Success in Market Gardening.&quot;</td>
<td>6.50</td>
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<tr>
<td>For five dollars seeds may be selected amounting to</td>
<td>12.00</td>
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<td>Also a copy of &quot;Success in Market Gardening,&quot; written by W. W. Rawson.</td>
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**ABOBRA.**

*Half-hardy Perennial.*

An elegant climber, allied to the gourd family, with inconspicuous flowers; but the finely-cut, dark-green foliage, and the small, glossy, scarlet fruit, render it highly ornamental.

1 *Viridiflora.* Very graceful; 6 ft. ........................................... $0.30

**ABRONIA.**

*Half-hardy Annual.*

Charming trailer, with beautiful verbena-like clusters of sweet-scented flowers; continues in bloom a long time; very effective in beds, rockwork, or hanging baskets.

2 *Umbrilata.* Rosy-ill; very fragrant ........................................... .65
3 *Areantha.* Yellow; very fragrant ................................................ .10

**ABUTILON.**

*(Chinese Bell Flower, Flowering Maple.)*

*Greenhouse Shrubs.*

Desirable plants for the conservatory, freely producing a profusion of lovely bell-shaped flowers; many of the varieties succeed well if plunged in the border during summer.

4 Choice mixed varieties ........................................................................... .25

**ADLUMIA.**

*(Mountain Fringe, Althaea Vine.)*

*Hardy Biennial.*

A beautiful climbing-plant, of graceful habit, with delicate pale-green pinnate foliage; flowers freely all summer.

5 *Caribosa.* Flesh-colored; 15 ft. .................................................. .10

Window Gardening—A lot of delightful and practical articles and pleasing illustrations, written by expert flower and plant growers. Covers every phase of plant culture in the house.  

**ACROClINiUM.**

*Half-hardy Annual.*

A beautiful class of everlasting flowers; graceful border-plants, and valuable for winter bouquets and decorations.

6 *Albom.* Pure white; double; 1 ft. ................................................ $0.65
7 *Roseom.* Light rose; 1 ft. ......................................................... .05
8 *Roscom* Florum pleo. The double varieties are very beautiful, and possess all the delicate tints and shades of the single form; the flowers are somewhat larger than the single sorts, and from the seed we offer, about seventy-five per ct. will be double; rose color and white, mixed. 10.00
**Aster.**

**Hardy Annuals.**

For beauty and variety of habit, form, and color, the Aster stands unrivalled, and of all flowers it is best adapted to gratify the taste and win the admiration of every lover of floral beauty. It is not only one of the most popular, but also one of the most effective of our garden favorites, producing in profusion flowers in which richness and variety of color is combined with the most perfect and beautiful form. All require rich, light soil, and in hot, dry weather should be mulched with well-rotted manure, and frequently supplied with mature water; this labor will be amply compensated by the increased size of the flowers.

**Price.**

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>9</td>
<td>Rose-Flowered</td>
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<tr>
<td>10</td>
<td>Collection of 9 distinct colors</td>
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<td>11</td>
<td>Cowan’s Cockade, or Crown</td>
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<td>12</td>
<td>Truffaut’s French Peony-Flowered</td>
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<tr>
<td>13</td>
<td>Pure white</td>
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<tr>
<td>14</td>
<td>Shining dark scarlet</td>
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<td>15</td>
<td>Collection of 12 distinct colors</td>
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<td>16</td>
<td>Collection of 6 distinct colors</td>
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<tr>
<td>17</td>
<td>Victoria Needle</td>
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<td>Brilliant crimson</td>
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<tr>
<td>20</td>
<td>Collection of 12 distinct colors</td>
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<td>21</td>
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<tr>
<td>22</td>
<td>Dwarf Victoria, dark-scarlet and white</td>
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<td>23</td>
<td>Carmine rose</td>
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</tr>
<tr>
<td>24</td>
<td>Comet, rose and white</td>
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<td>Rose</td>
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<td>Blue, light</td>
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<tr>
<td>27</td>
<td>Betteridge quilled</td>
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<td>29</td>
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<tr>
<td>30</td>
<td>Collection of 6 distinct colors</td>
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**Aster Plants.**

There is no class of plants more valuable for all purposes of a garden border or gives such a variety of color as the Aster. We make a specialty of these, and can furnish them as our own growing in any quantity. Price, 10 cts. each, 50 cts. per doz., $4.00 per 100.
ADONIS.
Hardy Annuals. Price.
A very popular border-flower, often called "Flax Anemone" or "Phoenician's Eye"; they are quite ornamental, and remain a long time in bloom.
55 Spuriae. Scarlet .................................. $0.65
49 Antemone. Crimson .................................. $0.65

AGERATUM.
Half-hardy Annuals.
Splendid plants for large clumps or masses, as well as for indoor blooming during Winter; very useful for cut flowers.
50 Imperial Dwarf. Blue .................................. $0.05
51 Iseaeanthus. Pink; 1 ft .................................. $0.05
52 Mexicanum. Lavender blue; 2 ft .................................. $0.05
55 — Alb. White; 2 ft .................................. $0.05
54 Little Boris. Very dwarf, azure-blue; a profuse bloomer; fine for bedding .................................. $0.10

AGROSTEMMA (Rose of Heaven).
Hardy Annuals.
Handsome, free-flowering, attractive border plants, at home in any garden; excellent for cut flowers.
55 Cell rose. Rose; 1 ft .................................. $0.05
56 — Alb. White; 1 ft .................................. $0.05
57 Coronaria. (Rose Champion). Rose; 2 ft .................................. $0.05

ALONSOA (Mask Flower).
Handsome bedding plants, succeeding well in any good garden soil, freely producing flowers of great brilliancy from early Summer until frost; valuable for indoor decoration.
58 Grandiflora. Scarlet; 2 ft .................................. $0.05

ALYSSUM.
Hardy Annuals.
Free-flowering, pretty little plants for beds, edgings or rockwork. The annual varieties bloom the whole Summer, and the perennials are among our earliest and most attractive Spring flowers.
59 Sweet Alyssum. Fragrant, white; 1 ft, per oz, .50 cts .................................. $0.05
60 Savatii Compactum. Golden yellow; shing; hardy perennial; 5 ft .................................. $0.05
61 Little gem. They grow but 3 or 4 inches high, height, very compact, of spreading growth; each plant often forming a circle a foot in diameter .................................. $0.10
62 Benthami Compactum. Of dwarf, compact growth; fine for borders; white .................................. per oz, .50 cts .................................. $0.05

AMARANTHUS.
Ornamental foliage plants, extremely graceful and interesting, producing a striking effect, whether grown for the decoration of the conservatory or outdoor flower garden.
63 Abysinicus. Very effective when grown as isolated specimens; 3 ft .................................. $0.05
64 Bicolor ruber. Foliage green; shaded with red, and sometimes pointed yellow; 3 ft .................................. $0.05
65 Caudatus (Love Lisa Bleeding). Red drooping panicles of flowers; handsome; 3 ft .................................. $0.05
66 Crowotas (Prince's Feather). Crimson; highly ornamental .................................. $0.05
67 Tenderi. Varied colors; very brilliant, one of the best; 3 ft .................................. $0.05
68 Melencholicus ruber. Rich, re- splendent crimson foliage; 1 ft .................................. $0.05
69 Salicifolius. Scarlet; bronze-green foliage; graceful, drooping; 3 ft .................................. $0.05
70 Tropius (Joseph's Coat). Foliage scarlet, yellow, and green; 2 ft .................................. $0.05
71 Splendens. A decided improvement on the preceding; taller and more elegant; a lovely decorative plant; 1 to 2 ft .................................. $0.10
72 Fine mixed .................................. $0.05

AMPELOPSIS.
Hardy Climbing Plants.
Of great beauty, particularly in the fall of the year when the foliage assumes various shades of crimson, scarlet, bronze, etc.
73 Quinquefolia (Tribulus Creeper). One of the best varieties for covering screens or unsightly places .................................. $0.05
74 Velichii. Well known under the name of Japanese Ivy, Boston Ivy, without exception the most popular hardy climbers. It clings closely to stone, bricks or stumps of trees, and is extensively grown in Boston, as well as in many other cities, for covering the fronts of houses and churches. To be planted in the fall or walked through Commonwealth Avenue, Boston, could not fail to be attracted by its luxuriant growth and great beauty. It is sure to become popular wherever it grows .................................. $0.05

ANAGALLIS (Pimpernelle).
Half-hardy Annual.
Valuable for small beds, edgings, rustic baskets, vases or rockwork.
75 Anagallis. Fine mixed .................................. $0.05

ANEMONE (Coronaria).
Hardy Perennial.
These rank among the earliest and brightest of our Spring flowers, and succeed well in any sunny situation, with rich, light loam.
76 Coronaria. Mixed; 1 ft .................................. $0.05

ANTIRRHINUM (Snap Dragon).
Half-hardy Perennials.
The Antirrhinum, popularly called Snap-dragon, is one of our most showy and useful border plants.
77 Majus. Finest mixed; 2 ft .................................. $0.05
78 — Striatum. Splendid striped; 2 ft .................................. $0.05
74 — Mexicanum. New dwarf variety, striped and blotched of great beauty; all colors mixed; 2 ft .................................. $0.05
80 Collection of eight distinct colors, tall .................................. $0.05
81 Tom Thumb. Dwarf, finest strains, mixed; 1 ft .................................. $0.05
82 Collection of ten distinct colors, dwarf Tom Thumb .................................. $0.05

ASPERSULA (Woodruff).
Hardy Perennial.
A charming, profuse-blooming little plant, bearing clusters of fragrant flowers, admirably adapted for bouquet-making.
98 Odorata. Blue; 1 ft .................................. $0.05
AQUILEGIA (Columbine).

Hardy Perennial.

A class of highly ornamental plants, its varieties combining at once flowers the most curious in form, with colors the most striking and beautiful.

- Alba Plea. White. $0.06
- Californica hybrida. Centre petals golden-yellow; sepals and spurs deep-orange-red; 2 ft. $0.06
- Chrysantha (Golden Spurred). Bright golden yellow flowers; blooms all summer; 2 to 3 ft. $0.10
- Cornula hybrida. Violet, blue and yellow; fine; 2 ft. $0.15
- Doubled. Double, variegated; 1 ft. $0.05
- Gladiolus. Blue; dipped white; 1 ft. $0.05
- Skinner. Scarlet and yellow; 1½ ft. $0.15
- Finest mixed. All colors. $0.05
- Collection of 12 distinct varieties. $0.60

ARGEMONE (Prickly Poppy).

Hardy Annual.

Remarkably distinct plants, both in flower and foliage; their large, poppy-like flowers are effective in the border.

- Grandiflora. White; 2 ft. $0.05
- Mexicana. Yellow; 2 ft. $0.05

ASPARAGUS (Climbing).

Hardy Perennial.

The finest of all the hardy climbers; it has the beautiful feathery foliage of the ordinary Asparagus, in the form of a graceful, running vine; invaluable for decorative purposes.

- Asparagus, climbing. Bright-red berries; very desirable; 30 ft. $0.10

BEGONIA.

Greenhouse Perennial.

A beautiful tribe of plants, resplendent during the Summer with their flowers of various shades of scarlet, crimson, rose, etc., and continuing to bloom until frost. Being as hardy as most of the bedding plants, and of very easy culture, they are simply indispensable where brilliancy of effect is desired. Masses on a lawn present a gorgeous aspect. They are also very desirable for pot-culture.

- Tuberous-rooted. From the newest English hybrids; choice mixed. $0.25
- Single flowering. $0.30
- Double flowering. Mixed. $0.50
- Flowering Bulbs. Each 20 to $0.40
- Rex hybrida. Beautiful variegated foliage, for pot-culture. $0.25
- Echeveria. Species from Brazil, with large, thick, velvety leaves, of emerald-green color on the surface, and deep, purplish-red underneath. The flowers are large and pure white. Being much harder than any of the Rex varieties, it can be recommended not only as a good stone plant, but also as a fine plant for apartments. $0.25

BALSAM.

(Beggar's Button. Touch-me-not.)

 Tender Annuals.

Magnificent conservatory or outdoor plants, producing their gorgeous masses of beautiful brilliant-colored flowers in the greatest profusion. The soil in which they are grown should be of the richest possible character; plants should be set fifteen inches apart, securely staked, and receive frequent waterings of manure-water.

- Alba Plea. Double white. $0.10
- Camellia-flowered. Mixed. $0.05
- Collection of 8 distinct colors. $0.50
- Dwarf Double. Mixed colors. $0.10
- Rose-flowered. Mixed colors. $0.20
- Collection of 8 distinct finest prize varieties. $0.50
- Rawson's Prize. Extra double large flowers, of various shades. $0.10
- Sofferino. Beautifully striped with blue and scarlet; 2 ft. $0.10
- Astra-angia pleiisii. Splendid deep blood-red; very double; one of the most effective of its class, either for groups or for florists' use. $0.10
- Victoria. Satiny white; punctuated, spotted with scarlet. $0.10
- Perfection. New double Camellia flowered variety; immense pure-white flowers of large size, and of the most perfect form; highly recommended for florists. $0.15
- Fine mixed. $0.05

BALLOON VINE (Love in a Puff).

Half hardy Annual.

A rapid growing, handsome climber, with an inflated membranaceous capsule from which it derives its name.

- Balloon Vine. White; 5 ft. $0.05

BARTONIA.

Hardy Annual.

An effective plant for borders and beds, producing a profusion of metallic yellow flowers, showing well after the fewest and mosteffective edgings, in beds, rustic baskets, or potculture.

- Bartonia aurea. Golden yellow. $0.05

BRACHYCOME (Swan River Daisy).

Half-hardy Annuals.

Beautiful tree-flowering, dwarf-growing plants, covered during the Summer with a profusion of Cineraflia-like flowers; effective as edgings, in beds, rustic baskets, or pot culture.

- Desidifolia. Blue; ½ ft. $0.05
- Albiflora. White; ½ ft. $0.05

BOCCONIA.

Hardy Perennial.

Ornamental foliage plants, exceedingly effective as single specimens on lawns or in borders.

- Bocconia Japonica. Produces racemes of bloom 2 to 3 ft. long. $0.10
**BELLIS (Double Daisy).**

<table>
<thead>
<tr>
<th>Hardy Perennials</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>123 Daisy mixed</td>
<td>$0.10</td>
</tr>
<tr>
<td>124 Dazzling White</td>
<td></td>
</tr>
<tr>
<td>125 Snowball ft. pl. Large, double, pure white</td>
<td>$0.05</td>
</tr>
</tbody>
</table>

**BROWALLI.**

Half-hardy Annuals

Very handsome, profuse-blooming plants, covered with rich, strikingly beautiful flowers.

126 Lisa carnosa. Dwarf, a lovely blue, having the appearance, when planted in masses, not in a small pot, of an elegantly shaded carpet. 3 ft. $0.10
127 — Rocelli. Azure blue and white mixed. 3 ft. $0.05

**CACALIA (Tassel Flower).**

Hardy Annuals

A beautiful and profuse flowering genus of plants, of remarkably easy culture; succeed best in rather rich soil.

128 Aurea. Golden-yellow; 1 ft. $0.05
129 Coerulea. Orange scarlet, flowering in clusters, very pretty. 1 ft. $0.05

**CALANDRINIA.**

Half-hardy Annuals

Very beautiful, free-flowering plants, invaluable for edgings, rockwork and dry, hot localities, or similar situations; they have feathery leaves and succulent stems, like the Portulaca, and produce an abundance of blossoms which, when fully expanded, have a charming effect; succeed in a light, rich soil.

130 Speciosa. Easy purple, a most lustrous flower. $0.05
131 — Alba. A white flowering variety of the preceding; distinct and beautiful. $0.05

**CASCURARIA.**

Greenhouse Perennials.

Plants of a highly decorative character, invaluable for the greenhouse or the flower garden. The finer strains of C. hybridus are remarkable for their large, magnificently marked flowers, and are chiefly cultivated for indoor decoration.

132 Hybrida. Choice mixed $0.25
133 Superba Grandiflora. Beautifully spotted, scarlet, as a flower, extra select; the finest in cultivation. $0.25
134 Striata. This type has been so far fixed that one-fourth of the plants raised from seed may be expected to produce flowers striped or marked after the manner of the new variety, Carnation. $0.25

**CALENDULA (Marigold).**

Hardy Annuals

A very showy, free-flowering genus of plants, producing a very pretty effect in mixed borders, and growing freely in almost any soil.

155 Officialis (Pot Marigold). Fine orange; 1 ft. $0.05
156 Ravenclow, Blue, Double; average height, 1 ft. $0.05
157 Meteor. Light, golden-yellow, semi-double flowers, tinged with purple-orange; blooms from May until late in Autumn; per oz., 25 cts. $0.05

**CANDYTUFT.**

Hardy Annuals

One of the most useful border annuals; very effective in beds, groups, ribbon, etc.; also very useful for pot-culture, for conservatory decoration during the Winter. Seed sown in Autumn will flower early in Spring; and, sown in April or May, will continue in bloom until frost; indispensable for bouquets.

138 Prince of Orange. The Calendula Meteors, although such a general favorite, will find a strong rival in this novelty. It was raised from the variety alluded to, but surpasses it in beauty, the petals being striped with a more intense shade of orange; and this glowing tone is imparted to the whole flower. For effective and persistent blooming this will be found unequalled. $0.05
139 Pensii ft. pl. A white hybrid Marigold, with double flowers. $0.05

**CALLIOPSIS or Coreopsis.**

Hardy Annuals

Few, if any, annuals are more useful than these; the colors are rich and striking, flowers numerous and beautiful; produce a fine effect in mixed borders.

140 Bidens (Floribunda). Yellow and brown; very showy. $0.08
141 Bidens hybrida. Deep crimson-orange, with a margin of gold. $0.06
142 Coreopsis. Yellow with crimson spots. $0.05
143 Golden Wave. Plant very bushy and compact; covered with hundreds of beautiful golden blossoms, 2 in. across, with small, dark centres. $0.05
144 Marmoretta. Rich crimson, brown and yellow, marked; 2 ft. $0.05
145 Nigra speciosa. Rich crimson; 2 ft. $0.05
146 Bidens hybrida, B. pl A charming variety, resembling Gerbera hybridus. $0.05
147 Fine mixed varieties, per oz., 40 cts. $0.05

**CAMPANULA.**

A genus of exceedingly beautiful annuals and perennials, all of which are characterized by the richness of their colors and the profusion of their bloom.

**HARDY PERENNIALS.**

148 Carpatica. Mainie; 1 ft. $0.05
149 — Alba. White; 1 ft. $0.05
154 Pyramidalis. Blue, handsome; 3 ft. $0.05
152 — Alba. Pure white; 3 ft. $0.05
153 Perennial varieties. Mixed. $0.10
154 Media (Seagoat Backgrounds). Finest mixed. $0.10

**CANDYTUFT.**

Hardy Annuals

One of the most useful border annuals; very effective in beds, groups, ribbon, etc.; also very useful for pot-culture, for conservatory decoration during the Winter. Seed sown in Autumn will flower early in Spring; and, sown in April or May, will continue in bloom until frost; indispensable for bouquets.

163 Campanula. Pure white; 1 ft. $0.06
164 Hybrid Dwarf, New and brilliant color in great variety. $0.06
165 Purple. Fine for bedding; 1 ft. $0.05
166 Rocket. White large flowers; 1 ft. $0.05
167 Tom Thumb. Forms dwarf, compact clusters of clear white, flesh-color, blue, purple and rose-colored flowers mixed. $0.05
168 White. Mixtures general. An old, well-known sort. $0.05
169 Fine mixed. For perennial varieties, see Daisies. $0.05

White FRAGRANT CANDYTUFT.

**CANDYTUFT.**

White FRAGRANT CANDYTUFT.
CANNA (Indian Shot).  

**Half-hardy Perennials.**  

A genus of highly ornamental plants, remarkable for their large and handsome foliage, majestic habit and brilliant flowers. When planted in groups or masses they impart quite a tropical aspect to the garden. Canna's are easily raised by sowing the seed early in Spring, in a strong, moist heat, when the plants are highly decorative the first season, and may also be planted in the flower border in May and June, but will not flower so early.

170 **Annie.** Rich crimson; 3 ft. ........................................ $0.10
171 **Macella Hybrid.** Orange flowers, large grand foliage; 3 ft. ........................................ $0.10
172 **Warszewitsch.** Brilliant red, foliage striped; 3 ft. ........................................ $0.10
173 **Fine Mixed varieties.** ........................................ $0.15
174 Croy's Fine Mixed. Monsieur Croy may be considered the most successful raiser and improver of this magnificent genus. They are distinguished by the luxuriance and diversity of color of their foliage, but above all by the size and brilliancy of hue of their flowers; finest mixed. ........................................ $0.15
175 Collection of 12 distinct varieties ........................................ $0.15

The roots can be preserved during Winter by being covered with dry sand and placed in a warm, dry cellar. Those desiring to make more effective display than can be had with plants the first season from seed can obtain extra strong roots of all the best varieties at 15 cts. each; $1.20 per dozen.

CARNATIONS.  

**Half-hardy Perennials.**  

A magnificent class of popular favorites, most of which are deliciously fragrant, and with colors extremely rich and beautiful. The seed we offer is from the finest collection in Europe, and will produce many double flowers, and amongst them many choice novelties.

186 **Carnation.** Saved from choicest double flowers, very select; 1 ft. ........................................ $0.50
187 **Fine German.** From named flower; 1 ft. ........................................ $0.25
188 **Good Mixed.** For border culture; 1 ft. ........................................ $0.10
189 **Perpetual, or tree.** Saved from choicest double flowers; 3 ft. ........................................ $0.50
190 — **Fine German.** From named flowers; 1 ft. ........................................ $0.25
191 **Shakesperian.** For size of flowers, brilliancy of colors, constancy of bloom, this strain can not be equalled. ........................................ $0.50
192 **Dwarf double early flowering.** A distinct variety, of compact, bushy habit; 1 ft. ........................................ $0.25
193 **Grenadin.** Scarlet double flowers of great brilliancy, unsurpassed for florists' use; 1 ft. ........................................ $0.15
194 Collection of 12 distinct varieties ........................................ 1.00
195 **Margaret Carnations.** Of recent introduction. Very early. The seed produces nearly eighty per cent. of double flowers, and if sown in March, and other sowings are made in succession, flowers can be had the whole year round. The plants will flower in four months after sowing the seed. Price per pt. ........................................ $0.20

PICOTEE PINK.  

196 **Picotee Pink.** Saved from the most desirable varieties; 1 ft. ........................................ $0.50
197 — **Double.** Fine border varieties; 1 ft. ........................................ $0.25
198 — **Good mixed.** Fine border varieties; 1 ft. ........................................ $0.10

CASTOR OIL BEAN.  

(See Ricinus.)

CENTAUREA.  

**Price.**

Showy, hardy plants; many of the varieties have beautiful silvery foliage, and are indispensable for ribbon bordering or carpet bedding.

199 **Candidissima.** Half-hardy perennial. Silvery-leaved plants for beds, vases, baskets and pots; 1 ft. ........................................ $0.15
279 **Clementii.** Hardy perennial. Elegant, deeply-cut foliage, covered with a snowy white down; handsome. ........................................ $0.10
291 **Gymnocarpa.** Half-hardy perennial. A graceful, silvery-leaved variety, for bedding or pot-culture; 1 ft. ........................................ $0.10
202 **American.** Hardy annual. Lilac purple, very attractive. ........................................ $0.05
286 **Cypae.** Annual. Blue-bottle or Corn-flower, free blooming; continues in flower a long time; fine for cutting; mixed colors. ........................................ $0.05
CELOSIA (Cockscomb).

 Hardy Annuals. 
Price.

Magnificent, free-flowering, graceful-growing plants, producing in the greatest profusion splendid, erect, and extremely showy flowers. Plants of the Cockscomb flower freely if planted out in June in light soil, not too rich; grown in pots they are the most valuable of greenhouse and conservatory plants.

204 Crisata massa. Choice mixture of the newest dwarf crested varieties, most brilliant colors ........................................ $0.05
205 Empress. Crimson and bright-purple, dark foliage .................................. $0.10
206 Glasgow Prize. A splendid distinct dwarf variety, with dark foliage, large, crimson combs ................................................ $0.10
207 Buttoni. A beautiful dark foliage, bedding or greenhouse plant ............ $0.10
208 Japanica (Japanese Cockscomb). The combs are almost as delicately cut as ruffled lace, while the colors are the brightest imaginable........................................ $0.10
209 Pyramids. Choice mixture of all the plumed or feathered sorts ................ $0.10
210 Collection of a splendid varieties .......................................................... $0.50

CENTRANTHUS.

Hardy Annuals.

Very pretty free-flowering, compact-growing plants, very effective in beds, ribbons, or as an edging; their transparent stem, delicate branches, and light glaucous leaves render them very beautiful; grow freely in any common garden soil.

211 Centranthus. Mixed colors ................................................................. 2 ft.
212 Elegans. Silvery foliage; 1 ft. .................................................................. $0.10
213 Tomentosus. Similar to the preceding, but smaller foliage ....................... $0.10

CERASTIUM.

Hardy Perennials.

Silver-foliaged plants, admirably adapted for edgings, rockwork, etc.; so profuse and purply-white are the flowers that the plant is frequently termed "Snow in Summer.

214 Bicoloratum tricolor. White, with crimson band; beautiful............... $0.05
215 Dennstelth fl. pl. Double snow-white flowers; 1 ft. ........................... $0.05
216 - Aureum fl. pl. Large double golden-yellow flowers; 1 ft. ................ $0.05
217 Led. Beaconfield, Crimson-maroon, edged and striped with a golden rim surrounding a rich brown eye ......................................................... $0.05
218 The Sultan. Rich, velvety, crimson-maroon, with golden rim surrounding a dark brown centre ............................................................... $0.05
219 Serium grandiflorum. The large, single, yellow, flowering variety; grown extensively in pots ..................................................... $0.05
220 Eclipse. A very showy variety, the form of the flowers resembling the well-known Chrysanthemum Barbe-ligheon, but surpassing it greatly by its striking colors, which are pure golden-yellow, with a purplish-scarlet ring. Disk dark-brown ........................................ $0.05
221 Cornusamum. Double white, fine border plant ....................................... $0.05
222 Golden Feather. Beautiful golden foliage and large flowers, often three inches in diameter, with a dark disk in the centre surrounded with bright-yellow and crimson circles ........................................ $0.10
223 Fine mixed. ...per oz. or 1/2 lbs. ......................................................... 0.25

CHRYSATHEMUM.

Lord Beaconsfield.

CHINESE PRIMROSE. (See Primula.)

Price.

CLARIANTHUS (Glory Pea).

Half-hardy Annual.

One of the most beautiful plants in cultivation, with neat, compound leaves, and drooping clusters of large, rich-scarlet, pea-shaped flowers, each flower being picture-like marked with a large, black, cloud-like blotch in front.

231 Clianthus Damperlif. Magnificent ...................................................... $0.15

COLEUS.

Greenhouse Perennial.

For the adornment of the greenhouse and sitting-room this plant is in great demand, and is also among the most popular plants for the flower-garden, either for groups, ribbon-borders, or as single specimens.

292 Coleus. Saved from the newest and most showy varieties; 2 ft. .......... $0.25

COCKSOMB. (See Celosia.)

(RAWSON'S CATALOGUE OF FLOWER SEEDS.)

Price.

224 Frutescens (Marguerite, or Paris Daisies). The white star-like flowers of this variety, so popular for decorative purposes, are freely produced under ordinary culture; 1½ ft. ................................................................. $0.10
225 Comtesse de Chambord. The large-flowered "White French Daisy"; 1¼ ft. .................................................................................. $0.20
226 Indicum. Mixed; 3 ft. ........................................................................... $0.15
227 Nanum (Dwarf Pompom). Mixed .......................................................... $0.15
228 Japanicum. Distinct from the old varieties in style of flowers, which are of a peculiar form, in a great variety of colors ........................................ $0.15
229 New York Prize. Saved from a very choice collection of Chinese and Japanese varieties of every conceivable form and color, from one of the most successful growers and exhibitors in this country ........................................ $0.25

CLINTONIA.

Hardy Annuals.

Charming, neat little plants, producing a fine effect as edgings or on rockwork, in rustic baskets, vases, etc.

230 Clintonia. Mixed colors; 1½ ft. ......................................................... $0.05
CINERARIA.  
Greenhouse Perennials.  
Well-known favorite free-flowering plants for the greenhouse, which may be had in splendid dark-red, blue, and rich-violet, and with diversities of the colors, are among the most valuable of our early Spring flowers; succeed best in light, rich, free, and open soil.  
233 Dwarf. A new German strain of compact growth, highly recommended.  
234 Extra Choice. From prize flowers; this strain is unsurpassed in quality.  
235 Fine Mixed. Good colors.  
236 New Double. Representing every shade of color, remarkably well-adapted for the purpose for which Centaurea is recommended.  
237 Beautiful leaves; beautifully cut; 1 ft.  
238 Maritima. Silvery foliage; 1f.  

Price.  
$0.25  
$0.40  
$0.25  
$0.50  
$0.15  
$0.50

CLARKIA.  
Hardy Annuals.  
A beautiful tribe of favorite plants, with pretty, cheerful-looking flowers, growing freely and blooming profusely under almost any circumstances.  
239 Elegans. Mixed; 2 ft.  
240 Pulchella. Deep rose; 1½ ft.  
241 — F1 pt. Double; rich-marigold.  
242 Fine mixed. Double and single.  

Price.  
$0.05  
$0.05  
$0.05  
$0.05  
$0.05

COBÆA.  
Half-hardy Perennials.  
A magnificent, rapidly-growing climber, with beautiful foliage and large bell-shaped flowers; trained on piazzas, arbors, etc., the effect is grand.  
233 Scandens. Purple-blue; 20 ft.  
234 — Alba. A white variety of the preceding.  

Price.  
$0.10  
$0.10

CONVOLVULUS TRICOLOR  
(Dwarf Morning Glory).  
Hardy Annuals.  
Remarkably showy plants, with exceedingly handsome, rich-colored flowers, producing in beds and mixed borders an unusually brilliant effect, either in distinct colors, ribboned or mixed.  
235 Tricolor, crimson-on-violet. Flowers have a brilliant yellow eye, encircled with band of snowy-white, margined with rich crimson-on-violet.  
236 — Splendens. Rich violet, with white centre.  
237 — Striped. Blue, beautifully striped with white; trailer.  
238 Macranthias. Beautiful for hanging baskets and vases; flowers blue; very floriferous.  
239 Fine mixed varieties.  

Price.  
$0.05  
$0.05  
$0.05  
$0.10  
$0.05

COSMOS.  
Hardy Annuals.  
A magnificent race of plants which attain a height of nearly five feet, and which in the fall months are literally covered with flowers which closely resemble single dahlias. These new hybrids are from one to two inches in diameter, and range through all shades of rose, purple, flesh-color and pure white, and are excellent for cutting. They present a gorgeous sight when most other flowers have been destroyed by frost.  
250 Cosmos hybrids. Best varieties, mixed. (See cat.).  

Price.  
$0.02

COWSLIP.  
Hardy Perennials.  
Favorite early free-flowering plants, which should be extensively grown for filling the beds and borders of the Spring flower garden; succeed best in rich soil.  
261 Cowslip. Fine mixed varieties; ½ ft.  

Price.  
$0.10

CUCUMIS.  
(See Gourd's Ornamental.)
CYCLAMEN.

Greenhouse Bulbs.

A genus of the most beautiful and elegant Winter and Spring blooming plants, for pot culture, or as conservatory plants, universally admired. If sown early in Spring under glass, and well grown, will make flowering bulbs in one year.

263 Persicaria. Fine mixed ........................................... $0.25
264 - Sordes. Very mixed ........................................... 0.25
265 White. Fine mixed ........................................... 0.50
266 Choice mix. Including those varieties that are harder than Persicaria, many of which are charming both in flower and foliage, and delightfully fragrant. ........................................... 0.25

CYPRESS VINE.

Half-hardy Annuals.

One of the most popular of all Summer climbers; flowers small, thickly set in a most beautiful dark-green foliage.

267 Crimson. Brilliant; 10 ft. per oz., 50 cts. ....... 0.05
268 White. For cemeteries ........................................... 0.05
269 Scarlet lily-leaved. Graceful climber, of rapid growth; flowers profusely per oz., 50 cts. ....... 0.05

CUPHEA (Cigar Plant).

A highly decorative plant, equally well adapted for the conservatory or the flower border.

270 Purpurea. Half-hardy annual. Rosy-scarlet, purple, cally, elegant; 1 ft. ....... 0.10

DAHLIA.


Admirers of this noble plant may confidently depend upon the quality of this seed, it having been saved from the best varieties in cultivation of various heights and colors; if sown in early Spring, they will flower in August.

271 Single. Mixed; saved from splendid new varieties, which for brilliance of color cannot be surpassed ......................... $0.10
272 Double. Fine mixed ........................................... 0.10
273 Greenilla. single striped. An interesting new single class producing flowers which are striped, mottled, banded and dotted with a great diversity of colors, and in a manner no less graceful than charming. These Dahlias have been awarded numerous first prizes, and have elicited general admiration wherever shown ......................... 0.25

DAHLIA ROOTS.

(See Bulbs.)

DOLICHOS (Hyacinth Bean).

Tender Annuals.

Beautiful class of quick-growing ornamental climbers, often growing fifteen to twenty feet in a season; producing an abundance of clustered spikes of purple and white flowers, which are followed by exceedingly ornamental seed-pods.

276 Dolichos lablab. Purple and white; each. ..... 0.05

DELPHINIUM.

Annuals.

A genus of the most beautiful and elegant Winter and Spring blooming plants, for pot culture, or as conservatory plants, universally admired. If sown early in Spring under glass, and well grown, will make flowering bulbs in one year.

277 Sulphureum. Yellow, blooming. New varieties; double, large, very handsome. ........................................... 0.10
278 Formosa. Rich dark-blue, with white centre; 2 ft. ........................................... 0.05
279 Fastuosum. (Trumpet Flower.) Double, large, handsome; 2 ft. ........................................... 0.05
280 Hybridi (Sulphur-yellow) color. It continues in flower from June to August. Though a hardy perennial, it will, if sown early, flower the first season ................. 0.20

DAISY.

(See Bellis.)

DATURA (Trumpet Flower).


An ornamental genus of plants, many of which possess attractions of the highest order. In large clumps or borders of shrubbery they produce an excellent effect. The roots may be preserved in sand through the Winter, in a dry cellar.

277 Atroviolacea pluriflora Almost black, inedible beautiful light-purple. ........................................... 0.10
278 Ceratocaulon. Satin white, striped purple, sweet-scented. ........................................... 0.05
279 Chrysanth. fl. pl. Golden yellow, fragrant; 2 ft. ........................................... 0.10
280 Pulsatilla alba. Pure white, double; 2 ft. ........................................... 0.10
281 Lilabra variatata. Splendid, mixed, new varieties ........................................... 0.10
282 Metoloides (Wrightii). White-bordered lilac, handsome; 2 ft. ........................................... 0.05

DELPHINIUM.

(Perennial Larkspur.)

Hardy Perennials.

Plants remarkable for their great beauty, diversity of shades, and highly decorative qualities. They do not greatly in habit of growth, some producing magnificent spikes of flowers, while others are dwarf and completely covered with bloom. The principal color is blue, shading from the softest ceruleal to the darkest lapis, while all are more or less shaded or marked with some other color.

(For annual varieties, see Larkspur.)

278 Three Candelabrum. Blue; 2 ft. ........................................... 0.10
279 Cashmerianum. New species, considered the finest of this magnificent family; flowers dark-blue; large, very handsome. ........................................... 0.10
280 Formosa. Rich dark-blue, with white centre; 2 ft. ........................................... 0.05
281 Hybridi. fl. pl. Finest prize varieties; double, fine mixed. ........................................... 0.10
282 Nudicaule. Varying in color from light-scarlet to a shade verging on crimson; very brilliant; 18.9; ........................................... 0.10
283 Sincensis. Choice mixed. ........................................... 0.05
284 Brunonianum. Dwarf, musk-scented Larkspur. The flowers are larger in size than any in cultivation, and of a peculiar shade of light-blue. It is particularly interesting because of its powerful odor of musk, a property unique in this variety, as heretofore a scented variety has been unknown. ........................................... 0.20
285 Hybridi Sulphuratum (Larkspur, New Sulphur-yellow) color. It continues in flower from June to August. Though a hardy perennial, it will, if sown early, flower the first season. ........................................... 0.20
DIANTHUS.

A magnificent genus, which embraces some of the most popular flowers in cultivation. *D. Chinensis* and its varieties may be considered the most beautiful and effective of our hardy annuals: the double and single varieties, with their rich and varied colors in beds or masses, are remarkably attractive; while the recently introduced varieties, with their large, richly-colored flowers, close, compact habit, and profusion of bloom, are unsurpassed for effectiveness in beds or mixed borders.

**DIANTHUS Plenarius.**

**DIGITALIS (Foxglove).**

Hardy Perennials. Price.

Very ornamental and exceedingly showy plants for shrubberies and other half-shady places.

- *Alba*, pure white; 3 ft. $0.05
- *Lutea*, golden yellow; 2 ft. $0.05
- *Purpurea*, purple spotted; 2 ft. $0.05
- *Gloxinellas*, splendid large-flowered variety; brilliant colors, mixed; 3 ft. $0.05
- *Monstrum*, a new and greatly improved variety; extra fine; 3 ft. $0.05
- *Maculata Superba*, ivory's strain, beautifully spotted; 3 ft. $0.05

**EUPHORBIA**

(Variegated Spurge). Hardy Annual.

A showy border plant, with foliage veined and margined with white, very attractive.

- *Euphorbia variegata*, white; 3 ft. $0.05

**ESCHSCHOLTZIA (California Poppy).**

An exceedingly showy, profuse-flowering genus of plants, with extremely rich and beautiful colors; attractive for bedding, massing or ribboning; light, rich soil.

- *California*, yellow, rich orange centre; 1 ft. $0.05
- *Alba*, fl. pl. A new double white variety; fine. $0.05
- *Carminea* (Graciliflora rosea). A charming variety, with large flowers of intense carmine; blooms until late in the fall. 1 ft. $0.05
- *Carminea*, rich orange; 1 ft. $0.05
- *Alba*, creamy white; 1 ft. $0.05
- *Mandarin*. The inner side of the petals is of a rich orange color; the outer side being a rich scarlet known as the mandarin scarlet. $0.05
- *Mixed colors*; pet ozs., 40 cts. $0.05

**ETERNAL, or Everlasting Flowers.**

_Hardy Annuals._

Ornamental border-plants, the blossoms of which are extensively used for Winter bouquets. (See Helichrysum, etc.)

- *Flowers*, many varieties and species mixed; $0.10
- *Collection of 12 distinct varieties*; $0.10

**ECHEVERIA.**

Greenhouse Perennials. Very popular plants for bedding or pot culture; their large, massive, succulent, peculiarly colored leaves never failing to engage attention. 

- *Hybridus*, fl. pl. Large, flowering double, mixed, extra; 1 ft. $0.10
- *Deutes*, a mass of pretty rose-like flowers; a perfect gem. $0.10
- *Astrosauciians*, deep blooded. $0.10
- *Phaenaria*, (Pheasant’s Eye Pink), double, beautifully fringed, finest colors mixed; 1 ft. $0.10
- *Florists’ or Paisley Pink*, Turner’s finest strain, from the finest named varieties, flowers with white ground, beautifully blotched and edged with different shades of purple; growing freely, and flowering profusely, either in pots in the greenhouse. $0.10
- *Choice Mixed, perennials*: $0.10
- *Collection of 12 distinct varieties*; $0.10

**ERYTHRINA (Coral-Tree).**

Half-hardy Shrubs. A splendid genus, with large, succulent leaves and beautiful, brilliant, scarlet flowers; they grow freely out-of-doors if planted in a warm situation.

- *S. c. and d.*, 6 ft. $0.25
- *Silvery-gray foliage; handsome* $0.25

**ERYSIMUM.**

_Hardy Annuals._

Very showy, free-flowering, handsome, very effective in beds, mixed borders, or rockery; succeeds very well in light, rich soil.

- *Arkaeanum*, sulphur-yellow, very handsome; 1 ft. $0.05
- *Perffskianum*, orange; 1 ft. $0.05
### Forget-me-Not (Myosotis)

#### Half-hardy Annuals

A favorite and well-known border plant, flowers early, blooms freely, and is indispensable for Spring gardening.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forget-me-not. Fine mixed</td>
<td>$0.10</td>
</tr>
</tbody>
</table>

For other varieties, see Myosotis.

### Gaillardia

#### Hardy Annuals

Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers, continuing in beauty during Summer and Autumn.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gaillardia. Choice mixed annual varieties, rich colors</td>
<td>$0.05</td>
</tr>
<tr>
<td>Red</td>
<td>$0.05</td>
</tr>
<tr>
<td>Orange</td>
<td>$0.05</td>
</tr>
<tr>
<td>Rose</td>
<td>$0.05</td>
</tr>
<tr>
<td>Variegated, Striped rose and white</td>
<td>$0.05</td>
</tr>
<tr>
<td>White</td>
<td>$0.05</td>
</tr>
<tr>
<td>Globosa nana compacta: A distinct new variety of deep, busky habit; flowers a deep violet-red; good for pot-culture</td>
<td>$0.05</td>
</tr>
<tr>
<td>Fine mixed</td>
<td>$0.05</td>
</tr>
</tbody>
</table>

### Gloxinia

#### Greenhouse Perennials

A superb genus of greenhouse plants, producing in great profusion beautiful flowers, of the richest and most brilliant colors, thrive best in sandy peat and loam.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gloxinia. Choiceest mixed from the finest erect and drooping varieties</td>
<td>$0.05</td>
</tr>
</tbody>
</table>

### Gourds (Ornamental)

The varieties in this collection have been selected either for the ornamental character of their foliage, the singularity or symmetry of their fruit, or the variety and peculiarity of their coloring. These are picturesque, curious, interesting and beautiful when grown on mounds, sloping banks, trained over arches, or planted in beds; wherever grown they never fail to excite admiration; cultivate in the same way as for melon.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bottle. Well-known, and very useful</td>
<td>$0.05</td>
</tr>
<tr>
<td>Rippers. A favorite variety; very useful</td>
<td>$0.05</td>
</tr>
<tr>
<td>Nest Egg. Resembles an egg; used for artificial eggs</td>
<td>$0.05</td>
</tr>
<tr>
<td>Gooseberry. Very pretty</td>
<td>$0.05</td>
</tr>
<tr>
<td>Hercules’ Club. Large, club-shaped</td>
<td>$0.05</td>
</tr>
<tr>
<td>Miniature. Orange and green striped, very ornamental</td>
<td>$0.05</td>
</tr>
<tr>
<td>Orange. Well-known sort; fruit resembles an orange</td>
<td>$0.05</td>
</tr>
<tr>
<td>Pear-Shaped. Green and white striped, fine</td>
<td>$0.05</td>
</tr>
<tr>
<td>Sugar Trench. Immense size, holds several gourds</td>
<td>$0.05</td>
</tr>
<tr>
<td>Powderhorn</td>
<td>$0.05</td>
</tr>
<tr>
<td>Gourds d’Epais. Yellow, beans like</td>
<td>$0.05</td>
</tr>
<tr>
<td>Flexuous. Snake cucumber</td>
<td>$0.05</td>
</tr>
<tr>
<td>Calabash. Aidget</td>
<td>$0.05</td>
</tr>
<tr>
<td>Perennis. Foliage highly ornamental</td>
<td>$0.05</td>
</tr>
<tr>
<td>Collection 12 distinct varieties</td>
<td>$0.05</td>
</tr>
</tbody>
</table>

### Grasses (Ornamental)

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grasses, Collection 12 distinct varieties</td>
<td>$0.05</td>
</tr>
</tbody>
</table>
GODETIA.
Hardy Annuals. 
A very desirable, free-flowering genus; attractive in beds, mixed borders and rock gardens. 
366 Fairy Queen. New, handsome variety, of the same habit and dwarf compact growth as the "Lady Albemarle," but with white flowers passing into blush and large carmine spots at the base of each petal. The flowers are the same size as those of "Lady Albemarle." Fine acquisition to these free-flowering annuals. 

369 Duchess of Albany. Large, handsome, satiny white flowers. 
370 Alba. Pure-white; 1½ ft. 
371 Bijou. Very dwarf; the plants form dense bushes covered with immemorial flowers of the finest white, with a dark rose spot; very handsome. 
372 Lady Albemarle. Intense carmine-crimson, compact habit; borders. 
373 The Brides. White, with a rich-carmine centre; 1½ ft. 
374 Fine Mixed.

GYPSOPHILA.
Hardy Annuals. 
A pretty, free-flowering, elegant little plant, adapted for rustic rockwork, baskets and edgings. 
375 Murailis. A charming little plant, covered with red flowers, contrasting beautiful with its graceful foliage; ½ ft. 
376 Paniculata (Hardy perennial). White, fine for bouquets, giving them a light and airy appearance; ½ ft.

HELICHRYSUM. 
Hardy Annuals. 
Exceedingly handsome and ornamental plants for mixed borders, and particularly desirable as dried material for bouquets and festoons may be formed of them for indoor decorations during Winter. 
392 Brachychrysum. Lemon yellow; ½ ft. .05 
393 Brachythemum. White; 2 ft. .05 
394 Aureum. Golden-yellow; 2 ft. .05 
395 Nanum atrococeum. Dwarf, rose. .05 
396 - Atroangustatum. Dwarf, red; 1½ ft. .05 
397 Monstrosum album, fl. pl. Double, white; 2 ft. .05 
398 - Tomum, fl. pl. Double, yellow... .05 
399 - Purpureum, fl. pl. Purple; 2 ft. .05 
400 - Roseum, fl. pl. Double, rose; 2 ft. .05 
401 - Minimus. Very dwarf, mixed... .05 
402 - Fine mixed varieties... .05 
403 - Collection of 20 splendid varieties... .50

HOP JAPANESE. 
Half-hardy Annual. 
This may be ranked among our most useful annual climbers. It is of incredibly rapid growth, and makes a thick cover on trellises, etc., and as it will thrive in almost any soil, and is only killed by hard frost, it is especially valuable. As the foliage is more deeply cut than the common Hop, it does not have so heavy an appearance. 
404 Hop Japanese (Humulus japonicus). .15

HIBISCUS. 
Hardy Annuals. 
One of the most ornamental, beautiful, and showy genera of plants cultivated; characterized by the size and varied and beautiful colors of their flowers. 
399 Africanus. Cream-color, rich-brown centre; 1½ ft. .03

399 Coeeiara (Greenhouse perennial). Bright-scarlet.

HUMEIA. 
Half-hardy Biennial. 
A remarkably handsome plant, invaluable for decorative purposes, whether in the conservatory or disposed about the lawn; planted in the centres of beds or mixed borders, its majestic and graceful appearance renders it a most effective and striking object. 
391 Humeia elegans. Red; 3 ft... .05

HELIANTHUS
(Sunflower). 
A well-known genus of the most showy plants, remarkable for their stately growth and the brilliance of their flowers. 
377 Californicus. Orange, extra large, double; 3 ft. .03

378 Caumerhiiolus. A showy variety, growing about 3 feet high; of branching habit; blooms profusely throughout the season; flowers 2 inches in diameter, orange-yellow with black centre. .06

379 Globosus hispanicus. A remarkably large, very double and showy variety, globular formed, bright, rich, saffron color. .05

380 Green centre. Yellow, very double, conspicuous green centre. .05

381 Russian mammoth. Very large; profuse for poultry. .05

382 Sannus folis variegatis. Dwarf, with variegated foliage. .06

383 Oscar Wilde. A small black-centred variety, of great utility as a bedder, and most attractive as a corsage flower. .05

384 Fine mixed. .05

HELIOPE. 
Half-hardy Perennials. 
A well-known genus of prostrate flowering, delicately fragrant plants, splendid for bedding or ribboning, and for baskets or pot-culture. Seeds sown in Spring may make fine plants for Summer and Autumn decoration. 
385 Heliope. Finest mixed. .10

HELIOTIPE. 
Half-hardy Annuals. 
For Summer blooming, or drying for Winter bouquets, a valuable border plant. 
386 Anthemoides. White, graceful habit; 1 ft... .06

387 Sanforii. Dwarf, tufted habit; round clusters of yellow flowers; ½ ft... .05

HONESTY (Lunaria). 
Hardy Biennials. 
Early Summer free-flowering plants, with silver seed pods, much admired for Winter decoration with ornamental grasses, etc. 
388 Honesty. Purple; very showy; 2 ft... .08.

HIBISCUS
Hardy Annuals. 
One of the most ornamental, beautiful, and showy genera of plants cultivated; characterized by the size and varied and beautiful colors of their flowers. 
399 Afriicurus. Cream-color, rich-brown centre; 1½ ft... .03

399 Coeeiara (Greenhouse perennial). Bright-scarlet.

HUMEA. 
Half-hardy Biennial. 
A remarkably handsome plant, invaluable for decorative purposes, whether in the conservatory or disposed about the lawn; planted in the centres of beds or mixed borders, its majestic and graceful appearance renders it a most effective and striking object. 
391 Humeia elegans. Red; 3 ft. .05

HIBISCUS GLABROSUS FISTULOSUS.
HOLLYHOCK.

Hardy Biennials.  

This splendid plant now ranks with the Dahlias for late Summer or Autumn decorations; from its amply growth, and the varied colors of its magnificent blossoms, it naturally demand a place in every large garden or pleasure ground. The cultivation of this noble flower has been vigorously renewed both in this country and in Europe the past two years, and it bids fair to become the most popular flower in cultivation. If sown early, in heat, the plants will be in bloom the first year.

405 Boston Prize. Extra fine mixture from prize flowers .......................... $0.25
406 Chater’s (English) Prize. We have secured a supply from Chater’s celebrated collection, which stands unrivalled in Europe. Mr. Chater has made a specialty of Hollyhocks for many years, and is the originator of many of the leading varieties there cultivated. This collection contains a splendid mixture of the following colors, selected from the very best double flowers—violet, yellow, white, crimson, violet, rose, pink, purple, broach, salmon, orange, lilac, and maroon. Five pkts., $1.00. ............... 25
407 Rawson’s Snowball. The stock of this magnificent white Hollyhock is grown by one of the most successful cultivators in this country, and is especially adapted for florists’ use, to whom it has proved a most valuable acquisition, giving it as it does a profusion of large, double, pure white flowers, which are of great value for all occasions when white flowers are required. 5 pkts., $1.00. ............... 25
408 Good mixed varieties. Containing many colors double, semi-double, and single. ...... 10
409 Collection of 12 separate colors. Chater’s prize varieties .......................... 1.00
410 Collection of 6 separate colors .......................................................... 50

IBERIS (Perennial Candytuft).

Hardy Perennials.  

Flowers blooming, pretty little plants, especially adapted for rockeries, old stumps or rustic lattices; they come in flower amongst the earliest Spring plants, and for a long time continue a dense mass of bloom. 

411 Gibraltar. Very fine species; flowers lilac, shading to white .......... $0.25
412 — Hybrida. A dwarf variety of the above; very handsome .......... 25
413 Jacob’s. Rose, very charming; first-class variety .......... 10
414 Prinsep. One of the finest perennial Candytufts, with pure-white flowers, of dwarf growth; one of the earliest of Spring flowers. .......... 10
415 Semperiana. Pure white; ½ ft. ........................................ 25

ICE PLANT  

(MeSEMBRANThEMUM CRYSTALLINUM).

Half-hardy Annual.  

A pretty little trailing plant, mostly used for garnishing, the leaves of which are covered with crystalline globules, thus giving it the appearance of being coated with ice.

416 Ice Plant. White; very effective ........................................ 25

IPOMOPSIS.  

Half-hardy Biennials.  

Handsome, free-flowering plants; long spikes of dainty flowers: effective for conservatories or outdoor decoration.

417 Fine mixed varieties .......................................................... 25

IPOMOEA (Convolvulus).

Tender Annuals.  

Of all flowers in general cultivation, this ranks preeminent for delicate and intrinsic beauty; the brilliant and varied hues of its many species and varieties are exceedingly beautiful, and its fine foliage and graceful form render it an indispensable ornament for greenhouse, conservatory, or indoor decoration.

418 Rosa Neglecta (Evening Glory). Satin rose, large fragrant blossoms, which expand in the evening; 1½ ft. .................. $0.65
419 Cordia (Star ipomoea). Scarlet, small flowers in profusion .................. 25
420 Pol. narniensis. Japanese varieties, foliage beautifully mottled; mixed colors. .......... 10
421 Limnata elegantissima. Rich, bluish-purple centre in the form of a star, with broad, pure white margin, .................. 10
422 Quamoclit. (See Cypress Vine). ............... 65
423 Lehn. Rich blue, changing to red; magnificent; from Ceylon; 20 ft. .......... 15
424 Mexican Grandiflora. Large white flowers, deliciously fragrant ........ 10
425 Nectoria, Moon flower (Evening Glory). This variety has been widely introduced under the name of Moon Flowers. It is one of the most beautiful of all annual climbers, and it is impossible to overrate the many excellences of this Ipomoea. The flowers are of immense size, quite 4 inches in diameter, some a beautiful blue, and others pure white in color; they are produced in hundreds all over the twining branches of the plants. The flowers, placed in saucers of water, are very handsome for table decoration, the blue flowers assuming a magenta color under gaslight .................. 10

IMPATIENS.

Greenhouse Perennials.  

Recently introduced from South Africa, and is a most valuable addition, both for the conservatory and the flower garden. The plant grows freely, and flowers most profusely and continuously, resembling somewhat a Pelargonium in habit of growth and shape of leaf; the flowers are single, more than an inch in diameter, of the richest carmine-magenta color. We have no hesitation in saying this is a really valuable novelty, and will be a most popular plant for all garden decorations.

426 Saltani ........................................ 0.15
427 Saltana foliolis variegatis. Its leaves are edged and otherwise variegated with yellow, which causes the charming rose flowers to show to greater advantage than in the type .................. 35

JACOBIA (Senecio).

Hardy Annuals.  

A useful and exceedingly showy class of gay-colored, profuse-blooming plants.

428 Fine mixed double varieties ........................................ 25
429 Pompon. This variety produces only double flowers, but is of a very compact and regular habit of growth. The flowers are of a fine, lustrous purpled, perfectly double and imbricated. Its richness of color and uniform growth render it very serviceable for edgings, carpet bedding, and masses .................. IMPATIENS SALTANI 45

RAWSON’S CATALOGUE OF FLOWER SEEDS.
KAULFUSIA.

Hybrids. Price $0.05

LANTANA.

Greenhouse Shrubs. A remarkably handsome free-flowering genus of plants, with brilliantly colored flowers, constantly changing in hue, very effective, either for pot culture or for bedding.

431 Lantana. Finest varieties, mixed...

LOBELIA.

Exceedingly pretty, profuse-blooming plants, of great value and importance to the flower garden. The free-growing kinds make the most beautiful edgings. All the varieties of L. eriina are valuable for hanging baskets, rustics, work, or vases, over the edges of which they droop in the most graceful and elegant manner. The perennial varieties are exceedingly ornamental, and are valuable from their blooming in autumn.

ANNUAL VARIETIES.

432 Eriina (Gracilis). Deep-blue; ½ ft...
433 Alba. Pure-white; ½ ft...
434 Compacta alba. Dark stalks, dark-blue flowers, white eye; very effective...
435 Erechtetuplex. Fine shade of blue, produces about 50 per cent, double flowers...
436 — Biolar. The plant almost the shape of a ball, flowers white and blue...
437 Paxtoniana. Pure-white with sky-blue belt; ½ ft...
438 Prima donna. Flowers velvety-maroon; quite distinct...
439 Species (Crystal Palace variety). Deep-blue, excellent for edgings and carpet bedding...
440 Mixed varieties. Of uniform height.

PERENNIAL VARIETIES.

These are conspicuously beautiful border plants; the richness of color rendering them remarkably striking.

441 Cardinaiis (Carollia Flower). Brilliant-scarlet.
442 Hybrids of foliages and cardinals. Splendid shades of color both in foliage and in flower; blooms from July to October; 2 ft.

LATHYRUS.

(Everlasting Pea).

Hardy Perennials. Price.

Showy, free-flowering plants, growing in any soil, very ornamental on trellis-work, old stumps, fences, or walls.

443 Mixed Colors, 2 ft.... $0.06
444 White, a splendid climber...

LAVATERA.

Hardy Annuals. Free-flowering, handsome plants, exceedingly effective when used as a background to other plants.

445 Lavatera. Rose and white, mixed; 3 ft...

LEPTOSIPHON.

Hardy Annuals. Of rare beauty both in flowers and foliage, exceedingly attractive in beds or borders, while the dwarf sorts are well adapted for rockwork or edgings.

446 Hybridus. Mixed colors...

LOASA (Calophaora).

Half-hardy Annuals. A handsome genus of rapid-growing, free-flowering climbers, with curious and beautiful flowers, which must not be handled, nor any part of the plant, without the slightest damage to the stems.

447 Loasa tricolor. Mixed...

LYTHRUM.

Hardy Perennials. Very showy plant, with long spikes of beautiful flowers; very effective in mixed borders; an attractive and stately plant, and deserves a place in every collection.

448 Lythrum roseum superbam. Pink; very desirable; 3 ft...

LARKSPUR (Delphinium).

Hardy Annuals. Extremely ornamental plants of great beauty, combining the richest possible variety of brilliant and effective colors with great duration and profusion of bloom.

(For perennial varieties, see Delphinium.)

450 Candelabrum. Double mixed; 1½ ft...
450 — Collection of 6 distinct colors...
452 Double dwarf rocket. Fine mixed...
452 — Collection of 10 distinct colors...
452 Tall Rocket. Fine mixed...
452 — Collection of 8 distinct varieties...
454 Emperor. A profuse bloomer, very double, mixed colors; 1 ft...
455 — Mixed annual varieties...
456 Stock-flowered. Tall, mixed...
457 — Collection of 8 distinct varieties.

LINUM (Flowering Flax).

Half-hardy Annual. One of the most effective and showy bedding plants we have; habit of growth is slender and delicate.

468 Grandiflorum cocineum. Rich scarlet-crimson, with dark black center; hardy annual...
469 Luteum. Straw-color; 1½ ft...
470 Leucanthemum-flowered. Very double; extra fine; 1 ft...
471 — Hybrid. Various shades...

LINUM GRANDIFLORUM.
MARIGOLD.

**Harly Annuals.**

Well-known free-flowering plants, with handsome double flowers, of rich and beautiful colors. The African is the most striking in large beds or mixed borders.

- **African.** Lemon; 2 ft. per oz., 25 cts. $0.05
- **Orange.** 2 ft. per oz., 20 cts. $0.05
- **Flue mixed.** All colors. .50
- **Collection of 6 distinct varieties.** .50

**MINIATURE GOLD VEGETAT.** This charming variety is remarkable for its rapid growth, flowering from July until Frost; the blooms being very double, of a peculiar shade of color, like Australian gold.

- **El Dorado.** Without exception the very finest type of this showy Autumn flower. The flowers are from three to four inches in diameter, perfectly unfurled, and very double. The colors range through all shades of yellow, from Very Light Primrose to the deepest orange, and the proportion of double flowers is greater than in any other collection. .10

**FRENCH DWARF.** Double, brown; 1 ft. 
- **Golden striped.** 1 ft. .05
- **Yellow.** 1 ft. .05
- **Cloth of Gold.** Bright-yellow bars on dark velvety petals. .10
- **Perfection.** The alternate petals of velvety brown and old-gold being most equal divided over the entire plant. .10
- **Sana tatahala brown.** The color of flowers is a blending of maroon, ruby and orange, shading to lighter tints. .40
- **Fistula indica.** Bright-yellow, yellow. .40
- **Tall, double, striped.** .40
- **Orange.** .40
- **Striped.** Golden-yellow and brown. .40
- **Fine-mixed.** All colors. .40
- **Collection of 6 distinct dwarf varieties.** .30

MALOPE.

**Harly Annuals.**

Handsome plants, of a bunching habit, producing their large flowers in great profusion, and very effective in mixed borders; succeed in common garden soil.

- **Malope candida.** Crimson; 2 ft. $0.05

MALVA or MALLOW.

**Harly Annuals.**

Showy and free-flowering border plants, succeeding in any common garden soil.

- **Roschata.** Rose, foliage fragrant .05

MARTYNIA.

**Half-hardy Annuals.**

Handsome, free-flowering plants, producing a fine effect when planted in the open border; flowers large and handsome as Glaucia, succeeded by curious double-horned fruit.

- **Martynia.** Mixed colors; 1 ft. .05

MATHIOA.

**(Night-Scented Stock.**

**Half-hardy Annuals.**

The delicious, rich perfume emitted by the flowers of this plant in the afternoon, evening, and after a shower is truly delightful and perceptible some distance off.

- **Matthioa bicornis.** Pink and white; 1 ft. .05

MATRICARIA (Feverfew).

**Harly Annuals.**

Handsome, free-flowering, ornamental plants, fine for culture.

- **Caperis.** Dwarf, double, white, very fine; 9 inches .10
- **Eximia grandiflora.** An improved pure-white, very double. .10
- **Sana, fl. pl.** Dwarf, double flowers, various shades of white, useful for bouquets .15

MARVEL OF PERU.

**(Mirabilis; Four-o'clocks.**

**Half-hardy Perennials.**

Few plants combine so much beauty, both of foliage and flowers, as this handsome genus; the roots may be preserved through the Winter; sometimes called Four-o'clocks. .10

- **Variegated foliage; 2 ft.** per oz., 25 cts. $0.05
- **Fine mixed.** .25
- **Collection of 6 choice varieties.** .20

MAURANDYA.

**Half-hardy Perennials.**

These superb climbers cannot be too strongly recommend; they are particularly adapted for greenhouse or conservatory, or for training on trellises; they will be loaded all the season with rich purple, white, and rose fuscus-shaped blossoms; seed should be started in a hot bed or greenhouse, as without artificial heat they will scarcely sprout during the season.

- **Fine mixed, from named varieties.** .10

MUSK PLANT.

**Hardy Perennials.**

This fragrant and universally favorite little plant is so well known we need only remark that it is equally at home in the sittingroom, greenhouse, or flower garden.

- **Musk (Mimulus moschatus).** 1/4 ft. .10

MIGNONETTE.

**(Reseda odorata.**

**Hardy Annuals.**

A well-known fragrant favorite; produces a pleasing contrast to the more showy occupants of the parterre; if well thinned out immediately, the plants are large enough; they will grow stronger and produce larger spikes of bloom.

- **Sweet-scented.** The old and well-known variety; very fragrant; . .40
- **Aesculata.** Large-flowered, pyramidal; plants of true form; foliage and flowers large size; the latter have a reddish tinge .60
- **Golden Queen.** A very fine variety, bearing fine spikes of golden-yellow flowers, distinct from any other variety. .10
- **Grandiflora.** "Hachet." A variety specially valuable for pot-culture. The dwarf and vigorous plants are of pyramidal growth, with thick, dark-green foliage, throwing up numerous stout flower-stalks, terminated by long, broad stripes of delicately-scented red flowers, per oz., .75.
- **Victoria.** Large-flowered, with reddish flowers; per oz., 50 cts. .10
- **Parson's white.** A distinct, delightfully fragrant variety, highly recommended. .60
- **The Prize.** Recommended for flower and fragrance. .10
- **Giant white spiral.** A very showy, robust variety; grows in good soil 2 to 3 feet high, with spikes of snowy-white flowers 12 to 15 inches long; a most profuse bloomer, and very fragrant; fine for pot culture. .10
- **Bird's New Mammon.** It produces immense trusses of flowers, and is of the most delicious fragrance. .10
- **Collection of 10 distinct sorts.** .50

MARIGOLD, AFRICAN, EL DORADO.

MARIGOLD, AFRICAN, EL DORADO.

MARIGOLD, AFRICAN, EL DORADO.

MARIGOLD, AFRICAN, EL DORADO.
MUSA (Abyssinian Banana).

Price.

- 541 Musa Russet. Packet containing four seeds...

50.00

MINA.

Half-hardy Annuals.

552 Mina lobata. Charming, half-hardy Mexican climbing annual, closely resembling the Ipomoea, though from its flowers quite distinct from that genus. In color they are as singular as they are attractive; the buds are at first of a vivid red, but turn to orange-yellow immediately before they open, and when fully expanded the flowers are of a creamy-white shade. They are copiously produced from the base to the summit of the plant, which attains a height of from eighteen to twenty feet, and constitutes a strikingly beautiful object. Like the Cypress Vine (I. quamoclit), this rapid growing species cannot fail to become popular. It requires the same treatment as other half-hardy annuals...

15

MESEMBRYANTHEMUM.

Tea-plant Annuals.

A brilliant and profuse-flowering tribe of dwarf-growing plants, effective in beds, edgings, rock work, rustic baskets, or vases, in warm, sunny situations; fine for pot culture.

- 543 Capitatum. Pale-yellow; 3 ft...
- 544 Crystallinum. (See Ice Plant.)...
- 545 Tricolor. Rose, purple centre; 4 ft...
- 546 Album. White, purple centre; 4 ft...
- 547 Fine mixed. All colors...

NICOTIANA.

Half-hardy Annuals.

558 Nicotiana affinis. Very fragrant, pure-white flowers, 3 inches across, blooming continually in the greenhouse in Winter, or bedded out in Summer; 2 to 3 ft.

10

NERIEMBREGIA.

Half-hardy Perennials.

Charming little plants, which flower profusely during the whole Summer; well adapted for hanging-baskets and edgings.

- 540 Fruticosum. White...
- 541 Graells. Sander, blue, yellow eye...

NASTURTIUM, TALL.

(Tropaeolum majus).

Half-hardy Annuals.

Well-known, profuse-flowering plants, admirably adapted for rockwork, banks, covering trellises, or rustic work; the seeds, if picked young, are an excellent substitute for capsers.

(See Tropaeolum for choice varieties of Tall Nasturtiums).

- 542 Crimson per oz, 15 cts...
- 543 Orange...
- 544 Saffron...
- 545 Striped...
- 546 Olive...
- 547 Fine mixed. From named varieties...
- 548 Collection of 12 distinct colors...

MYOSOTIS (Forget-me-not).

Half-hardy Perennials.

Charming little plants, very popular, producing their beautiful starlike flower in great profusion; invaluable for string garden decoration.

- 557 Alpestris "Victoria." Its growth is very bushy, with umbels of large, bright azure-blue flowers. The plant attains a height of 3 to 7 inches by a circumference of 16 to 18 inches, and when fully grown is quite globular in shape, perfectly covered with flowers; remains in bloom a long time...
- 558 Alpestris nana with white flowers...
- 559 Alpestris "Cereals." Bright-blue; 1 ft...
- 560 Alpestris "Rosa." Delicate rose; 1 ft...
- 561 Azorea. Blue-shaded purple; this and the following varieties best for pot culture...
- 562 Alba. Pure-white; 1 ft...
- 563 Missatidora. Blue, flowers early, long in bloom; 1 ft...
- 564 Palustris semperflorens. A beautiful azure-blue, continues in bloom until frost; does well in moist and shady situations...
- 565 Fine mixed...

NEMOPHILA.

Hardy Annuals.

Charming dwarf-growing annuals, with a neat, compact habit of growth, and colors strikingly beautiful. To secure the greatest perfection, thin to 4 inches apart; the plants will then present a dense mass of flowers.

- 550 Atamaria. White, with black spots; ½ ft...
- 552 Iwurria. Clear bright-blue, white centre...
- 553 All colors mixed...

MYOSOTIS ALPESTRIS VICTORIA.
NASTURTIUM, DWARF (Tropaeolum nanum). Hardy Annuals. Price.
The dwarf improved varieties of Nasturtiums are among the most useful and beautiful of garden
favorites, for bedding, masses or borders; their compact growth, rich-colored flowers, and the
freedom with which they bloom, all combine to place them in the category of first-class bedding
plants; should be grown in well-drained soil. 

545 Beauty. Yellow, flushed with vermillion. $0.05
546 Beauty, verbena rosea. Beautiful peach. $0.10
547 Crystal Palace form. Salmon spotted mottle. $0.10
552 Empress of India. Flowers intense crimson-scarlet, with a
yellow velvety glossy, profusely covering a compact bush with dark-tinted foliage one foot high. This is the most striking variety of its
class. 

553 Aurora. The ground color of the upper petals is reddish-pink, the two lower ones are spotted and veined with purplish-carmine. $0.10
554 Rise of Tom Thumb. Intense scarlet, bluish-green foliage. $0.10
555 King Thewlos. Dark crimson, profusely covering a compact bush with dark-tinted foliage one foot high. $0.10
556 Fine mixed from named varieties per oz. $0.05
557 Collection of 12 distinct colors. $0.25
558 Collection of 6 distinct colors. $0.15
559 Crimson. Very beautiful. $0.10
560 Golden King. Golden-yellow. $0.05
561 Pearl. Creamy-white. $0.05

NOLANA. Hardy Annuals. Price.
An extremely beautiful, free-flowering genus of trailing plants, the
flowers resembling the Cuppavillia Tricolor, but softer in color,while some are beautifully pencilled; fine for rockwork, hanging-
baskets, old stumps, etc.

564 Nolina. Mixed. $0.05

GNOTHERA. (Evehy Primrose.)
Beautiful, freely blooming plants of
majestic habit, double, white, silvery-white, golden-yellow, crimson-spotted flowers.

565 Anna. Mixed. $0.05
566 Aurelia. Mixed. Silvery-white blossoms. $0.50
567 Drummondii. Mixed. Freely flowering, showy. $0.10
568 Nana Also dolliflora. Flower pearl white. $0.05
569 Grandiflora (Evehy Primrose), flower perennials. Bright-
yellow, the most strikingly beautiful of this splendid genus; flowers 3 to 4 inches in diameter. $0.10
570 Fine mixed varieties. $0.05

OXALIS. Half-hardy Perennials.
A splendid class of plants, with brilliantly colored flowers and
dark foliage, suitable either for greenhouse decoration, rock-
work, or rustic baskets out of doors or under glass.

571 Rosea. Rose-colored; blooms abundant; 1 ft. $0.10
572 Tropicalis. Deep-yellow, brown leaves; interesting variety. $0.10

BIOGNOTS PANSY.
575 Reddish-brown flowers. $0.10
576 Ochre or fire-spotted. A distinctly marked variety of this splendid genus. $0.10
577 Lord Beaconsfield. Large flowers of deep purple-veined shading off in the top petals. $0.10
578 Snow Queen. A charming, delicate, sunlight-white, tinged with yellow toward center. $0.10
579 Rainbow or Quadraclor. Beautifully marked. $0.10
580 Anne-blue. Very fine. $0.10
581 Bronze. Reddish-brown flowers. $0.10
582 *Violet. Light blue. Very fine. $0.10
583 *Emperor William. Brilliant-blue, well defined purple eye. $0.10
584 *Queen, King of the Blacks. Intensively black. $0.10
585 Gold marbled. Very showy. $0.10
586 *Licht skyblue. $0.10
587 Striped or variegated. Very showy. $0.10
588 *White. Appropriate for cemeteries. $0.10
589 *Yellow (golden). Fine. $0.10
590 Caspers. Splendid mixed colors. Flowers large, and of good substance. $0.10
591 Fire King. New and distinct Pansy, of brilliant color. The petals are bright-shaded, the upper ones brilliant yellow, with remarkably fine, deep, brown eye. Very rich and exquisite tint. $0.10
592 Giant Yellow. A magnificent, large-flowering, yellow variety, with dark centre. One of the
most useful varieties. Very showy and attractive when planted in masses. 5 pkts., $0.50.

593 New Giant Stripes. The perfection of all the giant varieties. The plants are of a vigorous
and robust growth, and flowers of the largest size. $0.10
594 Choice mixed. Next to "Bill's Perfection," this mixture is unrivalled. Very effective. $0.10
595 Good mixed. $0.05
596 Collection of 20 distinct varieties. $0.25
597 Collection of 60 distinct varieties.

598 Collection of 13 distinct varieties.

599 All above - twenty-five cents a doz. for 50 cts. or 25 cents a packet; any ten sets at 50 cents, $1.00; any five sets at 25 cents. $0.50. Prices for Pansy Seed by the ounce will be given on application.

*Those designated thus (*) are best adapted for bedding.

PANSY PLANTS, SEE PAGE 77.
Bliss's Perfection Pansies.

For variety of markings, beauty of form, large size, good substance, and splendid satiny texture, Bliss's Perfection Pansy is unexcelled.

In the above plate, our artist has attempted to reproduce some of the types of this strain by engraving on wood; but they convey but a faint idea of the perfection of form and exquisite delicacy of shading in the flowers themselves. Per pkt. (100 seeds), 50 cts.; 5 pkts. for $2.00.

Sow in pots in a cold frame, from March to June; prick out the plants into large shallow pots or boxes, and, when large enough, plant out into the border. Do not allow them to flower until September. Pick off the buds as soon as they appear during the summer months, which will cause the plants to grow bushy and compact, and will bloom profusely during the late autumn and early spring months. For late or early spring flowering, sow in August, and plant out in October. Prepare the soil, sow the seed, and transplant as directed for half-hardy and tender annuals. Cover the plants during the winter with evergreen boughs. The Pansy delights in a deep, rather light, cool soil, enriched with well-decayed cow manure.
PETUNIA.

Half-hardy Perennials.

Most valuable plants, succeeding almost anywhere. When grown in large beds, hooped over, and the plants trained to the hoops, the effect is very fine; trained on trellises, of fences, or old stone walls, stumps of trees, vases, rustic baskets, and allowed to droop, they are matchless. As a pot plant or hanging-basket, they are invaluable; they are also effective for the decoration of the greenhouse and sitting-room window, while for planting out in beds or mixed borders they are unsurpassed. The brilliancy and variety of their colors, combined with the duration of their blooming period, render them invaluable.

600 Hybida. From a collection of fine flowers ........................................ $0.05
601 — Finest mixed. First quality; a superb and showy strain ........................ $0.10
602 — Inimitable (stippled and blotched). Flowers with stippled blotches of symmetrical form; very attractive; desirable for massing or pot-culture .......... $0.10
603 — Nana compacta multiflora. It's little bushy plants studded with flowers beautifully striped produce a very striking effect either in pots or planted in masses ......................................................... $0.10
604 Grandiflora single. Largeflowering, superb mixed, from seed flowers; fertilized with great care .................. ................................................................. $0.25
605 Grandiflora, f. pl. new doubles. This strain is saved from dwarf flowers, and will produce a large percentage of doubles, while such plants as are single are marvellous of beauty in colors and markings ................................................. $0.25
606 — Inimitable. A double-flowering variety of this superb sort, with similar markings to that of the single-flowering ................................................. $0.25
607 Double Green-edged. Green bordered and veined ................................ $0.25
608 Grandiflora fimbrilata. Single-fringed, various colors, superb mixed .... $25
609 — Pl. pl. new double-fringed. For redness and delicacy of tint this variety is unsurpassed, and yields at least 25 per cent. of plants that never fail to elicit unqualified praise ......................................................... $0.50
610 — White. Large-flowering, double pure-white. This is the first separate color of double Petunia that has been successfully established. The flower are very regularly double, and contrasted from seed ............................. $0.50
611 Rawson's New Hybridized. The flowers of these magnificent varieties are exquisitely and delicately veined with crimson lake, etc., and are, without exception, the finest in evidence ................................................................. $0.50
612 Collection of 6 large-flowering single varieties ................................ $1.00
613 Collection of 6 large-flowering single varieties ................................ $1.00
614 Collection of 6 large-flowering double varieties ................................. $1.25
615 Collection of 12 large-flowering double-fringed ................................. $1.25
616 Collection of 6 large-flowering double-fringed ................................. $1.25

PETUNIA, NEW DOUBLE-FRINGED.

PHLOX DRUMMONDI Fimbriata.

PHLOX DRUMMONDI

Hardy annuals. Price.

These flowers are of extreme beauty, and are greatly admired by all. Their long duration in bloom, combined with their almost unequalled richness of color render them of invaluable service in the general flower garden, and a finer sight than a bed of Phlox Drummondii is rarely to be seen.

614 Pure-white ......................................................... $0.05
618 Coccinea. Pure deep-scarlet ........................................... $0.05
619 Rose, rose color ........................................... $0.05
620 Mixed. Finest varieties ........................................... $0.50
621 Cupidata. A very striking novelty, selected from Phlox Drummondii Fimbriata. The growth is generally 4 inches dwarfer than the variety; the chief difference, however, consists in the flowers, the centre petals, which are five in number, being much elongated, from four to five times the length of the lateral ones, thus giving the flowers a more distinct and star-like appearance, their attractiveness being greatly enhanced by the broad white margins which border the edges of the petals ........................................... $0.10
622 Alba flore pleno (double white). This is the first truly double phlox ever offered to the trade, and may be considered an introduction of great importance, much as it will be the progenitor of a new class of one of the most popular and showy annuals. At least sixty per cent. double pure-white flowers ....... $0.10
623 Reddish. Deep-pose, striped with white ........................................ $0.05
624 — Atropurpurea (Princess Royal). Purple and white ....................... $0.05
625 — William L. Drummond, scarlet, striped with white ........................ $0.05
626 Collection of 12 choice varieties, in separate colors ...................... $0.75
627 Phlox Drum. (Graf-Gero). Lilac, white, rose, and violet mixed. A new strain suitable for the pot garden, and for the cutting border, flowers being distinct and star-like in appearance ........................................... $0.15

PHLOX DRUMMONDI (Grandiflora).

Large-flowered Drummond's Phlox; magnificent new class, with flowers large as those of the perennial phloxes.

628 Alba, pure white, large ........................................ $0.10
629 Coccinea. Splendid, scarlet ........................................ $0.10
630 — Rosea. Rose, white eye ........................................ $0.10
631 Collection of 12 choice varieties in separate colors ...................... $0.75

PHLOX DRUMMONDI (Dwarf).

The dwarf, compact varieties of Phlox Drummondii are very handsome, most useful, and worthy of general cultivation.

632 Alba. Pure white ........................................ $0.10
633 Scarlet ........................................ $0.10
634 Carmine ........................................ $0.10
635 Mixed. Finest varieties ........................................ $0.10
636 Collection of 6 distinct varieties ........................................ $0.75

PHLOX DECUSATA.

Hardy Perennials.

One of the finest of herbaceous plants, for beds or mixed borders. The seed offered is saved from newest and best varieties.

639 Mixed. Splendid dwarf varieties ........................................ $0.10
POPPY.

A genus of showy, free-flowering plants, producing a rich and effective display in large mixed borders, or select plantations.

### ANNUAL VARIETIES.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carnation</td>
<td>$0.05</td>
</tr>
<tr>
<td>French</td>
<td>$0.05</td>
</tr>
<tr>
<td>Mephisto</td>
<td>$0.05</td>
</tr>
<tr>
<td>Peacock</td>
<td>$0.10</td>
</tr>
</tbody>
</table>

### PERENNIAL VARIETIES.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fairy Blush</td>
<td>$0.10</td>
</tr>
<tr>
<td>Rainbow</td>
<td>$0.10</td>
</tr>
<tr>
<td>Snowbird</td>
<td>$0.10</td>
</tr>
<tr>
<td>Sonatine</td>
<td>$0.10</td>
</tr>
<tr>
<td>Umbrella</td>
<td>$0.10</td>
</tr>
<tr>
<td>Japanese Pompon</td>
<td>$0.10</td>
</tr>
</tbody>
</table>

### PENTSTEMON.

*Hardy Perennials.*

Plants of a highly ornamental character, graceful in habit, and remarkable for the abundance and beauty of their individual blossoms; in bloom from July to October.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scarlet</td>
<td>$0.15</td>
</tr>
<tr>
<td>Snowbird</td>
<td>$0.10</td>
</tr>
<tr>
<td>Sonatine</td>
<td>$0.10</td>
</tr>
<tr>
<td>Japanese Pompon</td>
<td>$0.15</td>
</tr>
</tbody>
</table>

### POTENTILLA.

*Hardy Perennials.*

Handsome flowering, herbaceous plants, very useful and ornamental in mixed flower borders, having a long time in bloom.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fairy Blush</td>
<td>$0.10</td>
</tr>
<tr>
<td>Snowbird</td>
<td>$0.10</td>
</tr>
<tr>
<td>Sonatine</td>
<td>$0.10</td>
</tr>
<tr>
<td>Japanese Pompon</td>
<td>$0.15</td>
</tr>
</tbody>
</table>

### POLYANTHUS.

*Half-hardy Perennials.*

Splendid Spring-flowering plants, either for pot culture or the open border.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fairy Blush</td>
<td>$0.10</td>
</tr>
<tr>
<td>Snowbird</td>
<td>$0.10</td>
</tr>
<tr>
<td>Sonatine</td>
<td>$0.10</td>
</tr>
<tr>
<td>Japanese Pompon</td>
<td>$0.15</td>
</tr>
</tbody>
</table>

### PERILLA.

*Half-hardy Annuals.*

Amongst ornamental-herbaceous plants for flower garden decoration, the Perilla claims attention. Its foliage is of a deep-mulberry or blackish-purple, and forms a fine contrast to the silver foliages of Carex paniculata, or the grey-green of other plants.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xanikinews</td>
<td>$0.05</td>
</tr>
<tr>
<td>Stropharia julia</td>
<td>$0.05</td>
</tr>
<tr>
<td>Macrapilla compacta</td>
<td>$0.10</td>
</tr>
</tbody>
</table>

### MY HANDKERCHIEF GARDEN.

Size 25 x 50 feet. Results: A Garden, Fresh Vegetables, Exercise, Health, and $20.00 in cash. An explicit account of actual operations on a village house-lot. Price, 20 cents.
PORTULACA.

**Half-hardy Annuals.**

For brilliant, beautiful, and delicate colors, this charming genus stands unrivaled; its large, spurred flowers, produced in the greatest profusion, are extremely effective.

671 Alba. Pure white; 1½ ft. ........................................... $0.60
672 Aurea. Golden-yellow; 1½ ft. ................................... $0.60
673 Caryophyllodes. Finely striped; ½ ft. ........................... $0.50
674 Papavera. Purple; 1½ ft. ....................................... $0.50
675 Rosea. Delicate rose; ½ ft. ....................................... $0.50
676 Scarlet. Very brilliant; 1½ ft. .................................. $0.50
677 Splendens. Rich-crimson; ½ ft. ................................ $0.50
678 Mixed. From above .................................................. $0.25 etc.
679 Grandiflora, f. pl. These seeds have been selected from large double flowers of the most beautiful and brilliant colors... per oz., $0.70

Collection of 8 double varieties in separate colors ........................................... $0.50

**PRIMULA (Chinese Primrose).**

**Greenhouse Perennials.**

A charming, profuse-flowering plant, indisputable for Winter and Spring decoration in the conservatory or sitting-room. The seed we offer has been saved from the best fringed flowers, remarkable for their size, color, and perfect form, from the finest collection in Europe, and is of unsurpassed quality.

681 Sinensis fimbriata alba. Pure-white fringed flowers .......... $0.25
682 — Alba magnifica. Foliage deeply indented; flowers of immense size, pure-white, with a citron eye, and most beautifully fringed. ...... $0.50
683 — Marginata. Lilac, bordered with white; one of the best ... $0.50
684 — Rosea. Beautiful rose .......................................... $0.50
685 — Finest mixed. From fringed varieties ........................ $0.50
686 — Filifolia alba. Beautiful fern-leaved foliage, white .... $0.50
687 — Tomentosa. Dark-green, crimson-tinted, very showy .... $0.50
688 — Mixed. Fern-leaved, of brightest colors .................... $0.50
689 — Alba, f. pl. Double, white ...................................... $0.50
690 — Rosea, f. pl. Double, rose ..................................... $0.50
691 — Mixed. Double, various shades of red and white ...... $0.50

This seed produces a large percentage of double flowers.

692 Collection of 12 varieties ........................................... $1.25
693 Collection 6 fringed varieties .................................... $0.75
694 — 9 double-flow- ering varieties. 1.25

PYRETHRUM.

**Half-hardy Perennials.**

Handsome, free-flowering, highly ornamental plants, producing a fine effect in the mixed flower and shrubbery borders.

695 Roseum. Light-red; 2 ft. ......................................... $0.20
696 Atrosanguineum. Dark-red; showy; 2 ft. ...................... $0.20
697 Carneum. Flesh-color; 2 ft. ..................................... $0.20
698 Cineraria foliaceum. In many powder plant ....... $0.05
699 Hybrid. Single varieties, mixed .................................. $0.10
700 — Ft. pl. New double, finest hybrid; very ornamental ...... $0.25
701 Golden Pea (Partheniadelphum). Golden foliage; a splendid bedding-plant; 1 ft. ................................ $0.50
702 Golden Gem. Foliage of bright yellow; unequalled for bedding ..................................................... $0.50
703 Aurelian splendens. Foliage of golden-yellow, leaves resembling ferns; very ornamental .................. $0.10

RHODANTHE (Everlasting Flowers).

**Half-hardy Perennials.**

A well-known everlasting; valuable for the decoration of the conservatory and flower garden; fine for bedding or ribboning.

704 Maculata. Rosy-purple, with crimson centre; 1½ ft. .................. $0.65
705 Macrocephala alba. (Dwarf White). This distinct and neat habit; Everlasting is superior to all other varieties of the Rhodanth; in being of more dense, compact and dwarfish habit; the flowers are produced in fine profusion. $0.10
706 — Ft. pl. Fine mixed. .............................................. $0.25

ROCKET (Hesperis).

**Half-hardy Perennials.**

Very pleasing, early Spring-flowering, or free-blooming plants, with deliciously fragrant flowers, growing freely in any light, rich soil; unlike most plants, they do better if transplanted every second season.

707 Sweet. Purple; 1½ ft. ........................................... $0.15
708 White; 1½ ft. .............................................. $0.15
709 Mixed. 1½ ft. .............................................. $0.15

RICINUS (Castor Oil Bean).

**Half-hardy Annuals.**

A magnificent and handsome ornamental genus, the picturesque foliage and stately growth, combined with brilliant colored fruit of the giant varieties, imports to select plantations, shrubbery, and mixed flower borders quite an oriental aspect. Grown as single specimens on lawns and pleasure grounds, they form a striking feature.

710 Borboniaca argentea. Very large, showy foliage; 15 ft. ...... $0.85
711 Brasiliensis. Dark-green flower; 1½ ft. ........................ $0.65
712 Gibbons. Dark-purple stem, and leaves very ornamental .... $0.50
713 Girantea. Large and showy; 10 ft. .............................. $0.50
714 Maximiliana. The finest dark-colored flowers, leaves and stem nearly black, very handsome and graceful. .............. $0.50
715 Sanguinea (Theriantha). Splendid red fruit, in clusters, very ornamental, producing a grand effect; 10 ft. ............................ $0.50
716 Fine mixed varieties .............................................. $0.50

SENSITIVE PLANT (Mimosa).

**Half-hardy Annuals.**

Very curious and interesting plants, their leaves closing if touched or shaken.

717 Sensitive Plant. Pinkish white; 1½ ft. ........................ $0.50

Golden Gem Pyrethrum.

PRIMULA SINENSIS FIMBRIATA.
SALPIGLOSSIS.  

**Half-hardy Annuals.**  
Ornamental and useful plants for Autumn decoration; their curiously pencilled and marked funnel-shaped flowers produce a fine effect in beds, borders, edgings, etc.

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>718</td>
<td>Chive mixed</td>
<td>Tall; 2 ft.</td>
<td>$0.65</td>
</tr>
<tr>
<td>719</td>
<td>Dwarf varieties</td>
<td>1 ft.</td>
<td>$0.65</td>
</tr>
<tr>
<td>720</td>
<td>New, extra large-flowered Grandiflora</td>
<td>Very beautiful; many colors mixed</td>
<td>$0.65</td>
</tr>
<tr>
<td>721</td>
<td>Collection of 6 distinct colors of the new large-flowered varieties</td>
<td></td>
<td>$0.65</td>
</tr>
</tbody>
</table>

SANVITALIA.  

**Hardy Annuals.**  
Pretty, dwarf-growing, free-flowering plants, blooming all the season.

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>722</td>
<td>Precambrian</td>
<td>Rich brown and yellow; ½ ft.</td>
<td>$0.75</td>
</tr>
<tr>
<td>723</td>
<td>Fl. pl.</td>
<td>Double; various; above; produce bloom; 1 ft.</td>
<td>$0.75</td>
</tr>
</tbody>
</table>

SCABIOSA (Sweet Scabiosa or Mourning Bride).  

**Half-hardy Annuals.**  
Handsome showy plants for mixed borders; flowers beautifully variegated.

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>724</td>
<td>Candidaena plena</td>
<td>Double; useful for florists</td>
<td>$0.50</td>
</tr>
<tr>
<td>725</td>
<td>Major atropurpurea</td>
<td>Velvety dark-purple; 2 ft.</td>
<td>$0.50</td>
</tr>
<tr>
<td>726</td>
<td>Nana, fl. pl.</td>
<td>Double; brilliant colors; mixed</td>
<td>$0.50</td>
</tr>
</tbody>
</table>

SCHIZANTHUS.  

**Half-hardy Annuals.**  
Few plants are more attractive than these when well grown, whether in pots or in the border; they are of a branching, elegant habit, well covered with peculiar-shaped flowers.

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>727</td>
<td>Finest mixed varieties</td>
<td></td>
<td>$0.50</td>
</tr>
</tbody>
</table>

SAPONARIA.  

**Half-hardy Annuals.**  
Charming little plants, flowering all the season, splendid for beds or border borders.

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>728</td>
<td>Galactica, Deep-pink</td>
<td>½ ft.</td>
<td>$0.50</td>
</tr>
<tr>
<td>729</td>
<td>Alba</td>
<td>Very pretty</td>
<td>$0.50</td>
</tr>
</tbody>
</table>

SMILAX.  

**Greenhouse Perennials.**  
A beautiful Winter climbing plant, adapted to the conservatory. Nothing can excel this plant in beauty of foliage, and orange fragrance of the flower. It is extensively used for bouquets and floral decorations of every description. It grows freely from seed.

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>730</td>
<td>Smilax, Strong roots</td>
<td>25 cents each</td>
<td>$0.20</td>
</tr>
</tbody>
</table>

SILENE or CATCHFLY.  

**Hardy Annuals.**  
Ornamental, free-flowering plants, with bright, and beautifully colored flowers.

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>731</td>
<td>Compacta (Double Pink)</td>
<td>A lovely Spring flower; pure double pink flowers are produced all over the plant in the greatest profusion the entire season, the plant never losing its peculiar compact habit</td>
<td>$0.65</td>
</tr>
<tr>
<td>732</td>
<td>Pendula, fl.</td>
<td>Double trusses of fine</td>
<td>$0.65</td>
</tr>
<tr>
<td>733</td>
<td>Alba</td>
<td>White</td>
<td>$0.65</td>
</tr>
<tr>
<td>734</td>
<td>Carnea, fl.</td>
<td>A new and desirable variety, with double pink blossoms</td>
<td>$0.65</td>
</tr>
<tr>
<td>735</td>
<td>Fine mixed varieties</td>
<td></td>
<td>$0.65</td>
</tr>
</tbody>
</table>

SOLANUM.  

**Half-hardy Annuals.**  
Very elegant, highly ornamental, interesting genus of fruit-bearing plants; some varieties being singularly picturesque in fruit and foliage, while others are exceedingly attractive.

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>736</td>
<td>Capsicastrum (Jerusalem Cherry)</td>
<td>Covered all Winter with a profusion of scarlet fruit; 1½ ft.</td>
<td>$0.10</td>
</tr>
<tr>
<td>737</td>
<td>Warsewicziales</td>
<td>Fine foliage plant, robust growth, ornamental fruit</td>
<td>$0.10</td>
</tr>
</tbody>
</table>
SALVIA.

Hardy Perennials.

Magnificent bedding plants, loaded with spikes of flowers from July till October.

766 Romerana. Crimson, dwarf; 1 ft. .......................................................... 50c
767 Gerda. Flowers pure-white ................................................................. 10
768 — Paeon. Splendid deep-blue; 3 ft. ......................................................... 15
769 — Splendens. Bright-scarlet, a constant bloomer; 2 ft. ......................... 30

SEDUM (Stonecrop).

Hearly Perennials.

Pretty little plants, growing freely on rock or rustic work, also on ornamental mounds, where they flower in great profusion.

780 Sedum, fine mixed ................................................................. 30

STATICE.

Half-hardy Perennials.

Exceedingly interesting plants, of easy culture. They are all very free-flowering, and remain a long time in bloom; the flowers are valuable for Winter bouquets.

771 Luicanal hybrida. Mixed colors; 1 ft. .................................................. 10
772 Sawood. Each plant produces ten to fifteen flower spikes, from fifteen to eighteen inches in length, of a very bright rose-color, shaded with crimson. An entire bed is a charming sight. The foliage being almost hidden by the flower-spikes .........................................................
773 Superba. A beautiful species. The flowers vary in color from pure-white to deep-rose; grows from eighteen inches to two feet in height, every spike being composed of from six to eight smaller flowers, rendering it most effective, either singly or in groups .........................................................

SWEET PEAS.

Harshy Annuals.

Exceedingly useful, well-known, free-flowering, highly ornamental plants, flourishing in any open situation, and when sown as early as possible in Spring on rich soil, and mucked during dry, hot weather, will attain a considerable height, if not allowed to flower they will continue blooming till destroyed by frost.

The increasing popularity of this favorite flower and the many flattering testimonials received from those who procured their seed from us last season have induced us to give special attention to their selection for the coming season, and we take much pleasure in offering to our patrons the finest collection ever before offered, embracing, as it does, every conceivable shade of color, with their exquisitely tinted variations. Our collection contains many new and beautiful varieties, the result of careful selection and hybridization of experienced florists for the past two or three years, which from sixteen to twenty smaller flowers, of rare beauty, rendering them ideal blossoms.

774 Rawson's "Boston Beauties." This splendid selection, first introduced by us, and illustrated in our catalogue of 1887, was widely disseminated all over the country, and we have yet to hear of the first instance where they have failed to give satisfaction. Many new and beautiful colors have been added to the selection for this season, and we can recommend them with the greatest confidence to all lovers of this universal favorite.

Packets containing about 400 seeds, enough to plant a row 30 feet in length, with directions for culture .................................. $0.25

SWEET WILLIAM.

Hardy Perennials.

Well-known, free-flowering popular favorite; the great improvements upon the old varieties within the last few years have rendered it still more desirable.

782 Aurora-flowered. A very handsome variety, producing immense trusses of bloom .................................................
785 Double-flowering. Mixed; 1 ft. .......................................................... 10
786 Mignians. Dark crimson; 1 ft. .......................................................... 30
787 Fine mixed ................................................................. 95

VELOCIAS.

790 Velour. Brilliant crimson ............................................................... 15
791 Orange Prince. Distinct and fine; Rose-colored wings and orange-red standards .................................................... 15
792 Princess Beatrice. Bright rose-pink .................................................... 10
793 Violet Queen. Dwarf in habit than the other varieties; flowers ranging in color from deep lavender to light-violet .................................................... 15
794 Queen of the Isles. Scarlet, motled with white and purple .................................................... 15
795 Princes of Wales. White, striped, blue and purple .................................................... 15
796 Fairy Queen. White and rose ............................................................ 10
797 Grand Duke. New and fine .............................................................. 10
798 Indigo King. Dark-maroon purple, indigo-blue rings .................................................... 10
799 Collection of 10 distinct varieties ...................................................... 30
800 Collection of 5 distinct varieties ...................................................... 25
801 Choice mixed. From above ............................................................... per oz., 10 cts.; lb., $1.00
802 Everlasting. (See Lathyrus) Fine mixed ................................................ 95

SWEET WILLIAMS.
SULTAN (Centaura Moschata).

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purple</td>
<td>$0.05</td>
</tr>
<tr>
<td>White</td>
<td>$0.05</td>
</tr>
<tr>
<td>Suaveolens</td>
<td>$0.05</td>
</tr>
</tbody>
</table>

TORENIA.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balloni</td>
<td>$0.10</td>
</tr>
<tr>
<td>Fourneri.</td>
<td>$0.10</td>
</tr>
<tr>
<td>&quot;White Wings.&quot;</td>
<td>$0.25</td>
</tr>
</tbody>
</table>

TAGETES.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panicula.</td>
<td>$0.05</td>
</tr>
<tr>
<td>Golden Ring.</td>
<td>$0.05</td>
</tr>
</tbody>
</table>

TRITOMA.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uvaria Grandiflora.</td>
<td>$0.10</td>
</tr>
</tbody>
</table>

VERBENA.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mammoth.</td>
<td>$0.10</td>
</tr>
<tr>
<td>Aureliana.</td>
<td>$0.15</td>
</tr>
<tr>
<td>Candidissima</td>
<td>$0.10</td>
</tr>
<tr>
<td>Cermis.</td>
<td>$0.10</td>
</tr>
<tr>
<td>Deftance.</td>
<td>$0.15</td>
</tr>
<tr>
<td>Pol aurea.</td>
<td>$0.20</td>
</tr>
<tr>
<td>Grandiflora.</td>
<td>$0.20</td>
</tr>
<tr>
<td>Italian Striped.</td>
<td>$0.15</td>
</tr>
<tr>
<td>Very choice mixed.</td>
<td>$0.25</td>
</tr>
<tr>
<td>Good mixed.</td>
<td>$0.25</td>
</tr>
</tbody>
</table>

VALERIAN.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alata.</td>
<td>$0.05</td>
</tr>
<tr>
<td>Alba. White.</td>
<td>$0.05</td>
</tr>
<tr>
<td>Aureliana. Orange.</td>
<td>$0.05</td>
</tr>
<tr>
<td>Baskiri. Pure-white.</td>
<td>$0.15</td>
</tr>
<tr>
<td>Mixed.</td>
<td>$0.05</td>
</tr>
</tbody>
</table>

THUNBERGIA.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alata.</td>
<td>$0.05</td>
</tr>
<tr>
<td>Alba. White.</td>
<td>$0.05</td>
</tr>
<tr>
<td>Aureliana. Orange.</td>
<td>$0.05</td>
</tr>
<tr>
<td>Baskiri. Pure-white.</td>
<td>$0.15</td>
</tr>
<tr>
<td>Mixed.</td>
<td>$0.05</td>
</tr>
</tbody>
</table>

TRICOSANTHES.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centa. Serpent.</td>
<td>$0.40</td>
</tr>
</tbody>
</table>

TROPÆOLUM (Nasturtium).

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lobianum Caroline Schmidt. Deep-scarlet.</td>
<td>$0.10</td>
</tr>
<tr>
<td>Geant des Batelles.</td>
<td>$0.10</td>
</tr>
<tr>
<td>Lucifer. Very dark crimson.</td>
<td>$0.10</td>
</tr>
<tr>
<td>Napoleon III. Yellow, striped with rosy scarlet.</td>
<td>$0.10</td>
</tr>
<tr>
<td>Queen Victoria.</td>
<td>$0.10</td>
</tr>
<tr>
<td>Triomphe de Gaul.</td>
<td>$0.10</td>
</tr>
<tr>
<td>Roi des Noirs. Almost black.</td>
<td>$0.10</td>
</tr>
<tr>
<td>Asi Gray. The flowers represent the largest shade hitherto obtained among the Nasturiums. Color is a yellowish white.</td>
<td>$0.10</td>
</tr>
<tr>
<td>Spiffire. Brilliant-scarlet; showy.</td>
<td>$0.10</td>
</tr>
<tr>
<td>Collection of 12 brilliant colors separate.</td>
<td>$0.10</td>
</tr>
<tr>
<td>Finest mixed varieties.</td>
<td>$0.40</td>
</tr>
<tr>
<td>Peregrinum (Conway-bird flower). Yellow, highly ornamental; general favorite.</td>
<td>$0.35</td>
</tr>
</tbody>
</table>
VINCA.

CHARMING GREENHOUSE SHRUBS. Price.
These beautiful and easily cultivated plants, when sown in spring flower in summer, and are important in the decoration of the conservatory and sitting room; they succeed out of doors in warm situations.

$49 Rose; 1 ft
$49 Alba. White with crimson eye; 1 ft

VISCARIA.

Hardy Annuals.
Pretty, profuse-flowering plants, for beds, ribbons or mixed borders; they do best in an extremely light soil, liberally mixed with old mortar, powdered bricks, or similar substance.

$50 Viscaria. Mixed colors; 1 ft

VIRGINIAN STOCK.

Hardy Annuals.
Extremely pretty, profuse-flowering little plants, effective in small beds, baskets or edgings; if sown early in February, in hot-beds, they generally bloom in April or May.

$51 Virginian Stock. Red and white, mixed

WHITLAVIA.

Hardy Annuals.
One of the most charming California introductions; very effective for bedding, ribboning or mixed borders.

$52 Grandiflora. Violet-blue; 1 ft
$52 Alba. Pure white; 1 ft

WALL FLOWER.

Half-hardy Perennials.
The flowers of the wall-flower are deliciously fragrant and greatly prized; the large, massive, conspicuous spikes of the double German varieties have a charming effect, while the more bushy, compact growth and profuse blooming of the single ones render them exceedingly attractive.

$54 Canary-yellow; 2 ft
$54 Dwarf. Mixed; 1 ft
$54 Finest Double. German, mixed; 2 ft
$57 Hartinger. Each blood-red; 1 ft
$58 Single. Mixed
$59 Collection of 8 distinct colors

ZINNIA ELEGANS.

WISTARIA.

Hardy, Price.
A well-known, hardy, climbing plant of great beauty; in good soil will grow ten to twelve feet in a season.

860 Sinensis (Chinese Wisteria). One of the most elegant and rapid growing of all climbing plants, attains an immense size, growing in the rate of fifteen to twenty feet in a season, and blooms profusely early in the season, and frequently in the full, bearing four-petaled, rosette-like clusters of pretty flowers.

$10 Frutescens. A native shrub, with pink-tipped flowers; fine

XERANTHEMUM.

Hardy Annuals.
A showy class of Everlastings. The flowers, when gathered young, are useful for winter bouquets; they are among the most easily cultivated of annuals, requiring only to be seen about May, in the open border, and thinned out for flowering.

862 Alba, fl. pi. Double, white; 2 ft
$55 Corminiu, fl. pi. Double, blue
$55 Superbissimum, fl. pi. New, distinct, and very double; undoubtedly the best form of this flower ever offered; blue

ZINNIA ELEGANS.

The flowers are large, beautifully formed, and exceedingly handsome. Few plants in the flower border are more effective; and scarcely any flower, when cut, is more suitable for table bouquets. Being of rather robust habit, it requires but moderately rich soil; the seed may be sown in the open ground or in heat, according to the time it is desired to flower.

863 Grandiflora, roSEA; plurisflnls, fl. pi. Flowers of immense size, very double, and full, with a great variety of color; hardy.
$6 Atropurpurea, fl. pi. Very dark purple, new
$5 Alba, fl. pi. Pure white
$5 Orange, fl. pi. Scarlet
$5 Kermitafl, fl. pi. Crimson
$5 Improved double. This is a great improvement on all the strains of the double-flowered varieties. The flowers are wonderfully large, always double. Very deep, and closing at the edges of the same, in most cases, almost an oblong ball of colors, rich, and very striking

871 Collection. Double, of 8 distinct varieties

872 "Golden Yellow," fl. pi. This strain of Yellow Zinnia is the finest we have ever seen. The flowers are large, full, and shapely, every seed coming true to color. A row of these presents an unbroken mass of golden-yellow color.
$75 "Carnations Striped," fl. pi. Seventy-five per cent, will show distinct and beautiful markings. In the history of plant variation there is no instance of such a marked change in the color of a flower as is shown in this type of Zinnia. The strain we offer is remarkable for boldness of stripe.

879 Pompon. A new and carefully selected strain of this popular flower, of a great variety of colors; flowers about one-half the size of ordinary variety, and very double.
$5 Single varieties. Mixed

ZINNIAS (Double Dwarf).

These are a new class of large and finely formed flowers; habit of the plant dwarf, not often exceeding two feet in height, and of compact growth; suitable for rock-garden or flower border.

876 Panula, fl. pi. Double, dwarf, white; a profuse bloomer, fine for borders
$77 Cervina. Bright scarlet.
$78 Collection of 6 distinct varieties
$79 Finest mixed of all varieties
$80 Hazeana, fl. pi. A new double variety, of nice habit, and bright, soft, orange-colored flowers
$81 Darwin dwarf, double. Finest mixed

IN PACKETS ONLY, please bear in mind that for every 25 sent seeds to the amount of $1.25 may be selected.

To those Ordering
FLOWER SEEDS FOR THE WILD GARDEN.

A FLOWER GARDEN FOR 25 CENTS.

INCE the introduction of these by us a few years ago, they have proved a most marked success, and we are in receipt of the most satisfactory evidence of the estimation in which the wild garden is held wherever this modest phase of floriculture has found a home. Any one who has planted and cultivated flowers in neatly laid out beds, or carefully planned ribbon-borders, is aware of the amount of labor and constant attention necessary to produce the desired effect. To those who cannot give this care, the "Wild Garden," presents a substitute, which, for its unusual and varied effects, for cheapness, and the small amount of labor necessary for its construction, has no rival. "Wild Garden Seeds" are a mixture of

Over One Hundred Varieties of Flower Seeds.

and can be offered at a much less price than when sold in separate packets. No one who has not seen such a bed can form an idea of its possibilities, the different seasons of bloom insuring something new almost every day.

The great demand for the above collections, together with the many satisfactory reports from our patrons who have tested them, have induced us to add many new and beautiful varieties to our collection, which greatly increases their value and cannot fail to satisfy the purchaser. Some of our patrons having expressed a desire to procure the tall and dwarf growing varieties separately, we put them up now in separate packets, which will be known as the tall and dwarf collections, the former producing plants from one to six feet in height, and the latter under one foot. The dwarf varieties are especially adapted for beds in open yards or gardens, while the taller growing should be planted against unsightly walls, sheds, or fences. The seeds of both the tall and dwarf growing varieties can be furnished in mixed packets if desired.

They may be sown broadcast or in drills. If sown in drills, each packet will be sufficient to sow a bed ten feet square. The drills should be one foot apart. If sown broadcast, eight feet square.

Tall growing sorts in upwards of 100 varieties, packets containing ½ ounce, 25 cts.; 5 packets, $1.00.

Dwarf growing sorts in upwards of 100 varieties, ½ ounce packets, 25 cts.; 5 packets, $1.00.

Tall and dwarf varieties mixed, ½ ounce packets, 25 cts.; 5 packets, $1.00.

Directions for sowing and subsequent cultivation accompany each packet.

ORNAMENTAL GRASSES.

For Winter Bouquets, Dinner-Table Decorations, Edgings, Ribbons, Centres of Beds, Mixed Borders, and Shrubs.

Most of the varieties may be dried for winter bouquets, or used for filling vases either in a green or dried state.

That the plants may develop their true character, transplant or thin out sufficiently to afford space for the growth of each, and this should be done as soon as the plants can be handled.

Collection of 12 distinct varieties (our own selection) ................................................................. $0.20

[Images of different varieties of Ornamental Grasses]
RAWSON'S CHOICE BULBS, SPRING + PLANTING.

AMARYLLIS.

A beautiful class of plants with large, drooping, bell-shaped, lilac-like flowers, varying in color from the richest crimson, to pure white, striped with crimson or scarlet. They are of the easiest possible culture, and few flowers give a better return in the shape of lasting and showy bloom for the limited amount of labor involved in their cultivation. With a very small stock of bulbs, they can be had in flower at almost any season of the year by starting them in succession. A compost consisting of equal parts of good turfy loam, leaf-mould, well-decayed manure, and sharp sand answers best. From the time they are started, water should be given very carefully, and not in too great quantities. When the foliage begins to decay, water should be gradually withheld, until it has quite dried down, when the bulbs may be stored away in the pots in any dry, cool place, safe from frost, until their flowering season comes again. The overgrown varieties, which do not die down, should be kept in a growing state, and shifted into large pots as they require it.


Anemone fulgens. (Scarlet Windflower). Flowers large, of the richest vermilion or scarlet; bloom from March till May. Each, 5 cts.; per doz., 25 cts. anemone foliage. (Calycanthus floridus.) Those magnificent varieties are vigorous in their growth, and produce a free supply of flowers, are flaked and striped with the most striking tints, and justify the most of the Anemone family. We offer red or white ground hybrids, all beautifully striped and flaked. Each, 75 cts.

AGAPANTHUS (African Lily).

A fine bulbous-rooted climber, closely resembling the common Water Lily in size and foliage, and having clusters of rich deep-purple flowers, which have a strong, delicious violet fragrance. Plant the bulbs near a trellis, fence, or any place where you may wish to have a climber. Blooms profusely. The bulbs are perfectly hardy, and should not be taken up over winter. It is sure to give satisfaction. Each, 10 cts.; per doz., $1.00.

BEGONIA (Tuberous-Rooted).

These splendid varieties produce branching, and at the same time tubed plants, from twelve to eighteen inches high, covered the whole summer, until frosts set in, with bright and elegant flowers, succeeding as well in the shade as in the sun. Its utility for bedding cannot be overestimated.

Single Varieties.

<table>
<thead>
<tr>
<th>Color</th>
<th>Each</th>
<th>per Doz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dark Red</td>
<td>35 cts.</td>
<td>$2.25</td>
</tr>
<tr>
<td>Rose</td>
<td>25 cts.</td>
<td>2.55</td>
</tr>
<tr>
<td>White</td>
<td>25 cts.</td>
<td>2.55</td>
</tr>
<tr>
<td>Orange</td>
<td>25 cts.</td>
<td>2.55</td>
</tr>
<tr>
<td>Mixed</td>
<td>20 cts.</td>
<td>2.00</td>
</tr>
</tbody>
</table>

Double Varieties.

See Chart, Page 31.

<table>
<thead>
<tr>
<th>Color</th>
<th>Each</th>
<th>per Doz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>41 cts.</td>
<td>$4.00</td>
</tr>
<tr>
<td>White</td>
<td>41 cts.</td>
<td>4.00</td>
</tr>
<tr>
<td>Rose</td>
<td>40 cts.</td>
<td>4.00</td>
</tr>
<tr>
<td>Mixed</td>
<td>40 cts.</td>
<td>4.00</td>
</tr>
</tbody>
</table>

MONTBRETIA CROCOSMIAEFLORA.

A splendid novelty; very hardy, bright, orange-red flowers, which continue for a long time in bloom. Each, 10 cts.; per doz., $1.00.
GLADIOLUS.

No matter how large or small the garden may be, this family of flowers deserves to be grown there, comprising as it does, all imaginable colors and shades, from the most gorgeous, and dazzling to the softest and most delicate shades. For cutting they are invaluable, the flowers lasting in water a week.

SCARLET AND RED.
Appolon. Rosy-lilac; white stripe in the centre.
Antinon. Scarlet-cherry, slightly tinged with orange, flamed carmine, pure white-blotch.
Fulcan. Velvety-vermillion, blotch, bright purple.
Gallere. Brilliant currant-red, flamed dark crimson.
Gundarize. Bright scarlet, spotted yellow, striped amaranth.
Lamarck (28). Very long spike of large flamed, cherry color, slightly tinted with orange, blazed with red, centre well lighted, large, pure white stain; very fine plant.
Montebac. Intense glowing scarlet.
Romulus. Very brilliant dark red; large, pure-white blotch, large white lines on the lower petals; very showy.

ROSE AND PINK.
Aratha. Rose suffused with lake, flamed with carmine amaranth, clear yellow spots.
Carnation. Large, well-expanded flowers, of a fleshly-white color, profusely tinged at the edges with the richest carmine, the lower petals blotted purplish-carmine, fine, long, well-flushed spike.
Elizabeth. Dark rose, flamed with bright carmine-purple; large purple-carmine blotch with white stripes.
Ida. White ground, slightly tinted with rose, flamed with carmine-rose; lower petals light yellow.
Noem. Light rosy-lilac.

WHITE.
Amalthea. Pure-white; large violet-red blotch, ground of the corolla velvety-violet, the lower petals slightly tinted lilac.
Maria Dumas. White, slightly streaked with rose, violet-purple blotch.
Isabella. Pure white, with large, dark carminio-violet blotch.
Urania. Pure-white, flamed with carmine-rose; brilliant.

FLESH AND SALMON.
Bivolar. Very distinct and striking variety, with large flowers of bright rosy-salmon, with the exception of the lower petals which are ivory-white, suffused with rose at the edges.
Calyx. Flesh-colored rose, streaked with rose and blotched carmine.
Fatima. Very large flowers of ivory-white ground, profusely striped and suffused with rosy-salmon; violet blotch on creamy ground.
Fen toile. Well-opened flowers with ivory-white throat, richly tinted and striped with carmine at the edges of the sepals.

CARMINE.
Gulliver. Tall spike of large, bright carmine flowers, with conspicuous white bands in the middle of each petal; pale yellow blotch, slightly streaked violet.
Robert Fortune. Orange-like shading off to purple-crimson, veined white.
Stephanos. Carmine-cherry, veined with white; beautiful.

YELLOW.
Canari. Light yellow, streaked with rose on the lower petals.
Creon. Very large flower, yellow, shaded darker towards the centre, flamed carmine at the edges and feathered amaranth-red on salmon ground.
Dellistastina. White, suffused with soft carmine-like, the pure white lower petals edged lilac.
Ophir. Dark yellow, purple blotch.

Prices. For any of the above named varieties, 10 cts. each; per dozen, $1.00, or the entire collection of 26 varieties (named) for $2.50.

NEW SNOW WHITE.
The flowers are elegantly formed and are of great substance. The entire flower is a perfect pure-white, with a slight cream shade on lower half of the petal. The spikes are set solidly and perfectly with the flowers from bottom to top. Each, 25 cts.

MIXED GLADIOLUS FOR BEDDING OR FORCING.
Shades of Red. Each, 5 cts.; per dozen, 30 cts.; per 100, $2.25.
Shades of Pink. Each, 5 cts.; per dozen, 30 cts.; per 100, $2.75.
Shades of Yellow. Each, 6 cts.; per dozen, 35 cts.; per 100, $4.00.
White and Light. Each, 5 cts.; per dozen, 50 cts.; per 100, $3.75.
Scarlet and Pink. Each, 8 cts.; per dozen, 75 cts.; per 100, $5.00.
Striped and Variegated. Each, 3 cts.; per dozen, 50 cts.; per 100, $3.75.
All colors. Mixed. Each, 5 cts.; per dozen, 35 cts.; per 100, $2.50.

IRIS.
The gorgeous flowers and exquisite coloring of the modern Iris can be compared favorably with many of the exotic Orchids. Particularly handsome are Siberica, the numerous varieties of Germanica, which Kumpferi is, perhaps, the very finest of the whole group, being perfectly hardy, flowering in the greatest profusion during June and July.

Germanica. Every shade of color may be found among them, and they will thrive in almost any soil or situation without any care whatever. They must be considered necessary in every garden; perfectly hardy. Strong roots, 20 cts. each; per dozen, $2.00.
Kumpferi. Named Varieties, our selection. Each, 25 cts.; per dozen, $2.50; per 100, $20.00.

GLADIOLUS.
THE LILY (Lilium).

We pay postage on all orders at single rate. At dozen rate we send at purchaser’s expense. All orders for Lilies should be sent from October to the first of April. There are many Lilies, hardy and cultivated kinds of plants, we have paid particular attention, and would invite special notice to our very complete and select collection, and the ability of being cultivated out of doors possesses so many charms; rich and varied in color, stately habit, fair in bloom, in variety, and of delicious fragrance, they stand prominently out from all other Hardy plants, and no garden should be without a few of its best sorts. With a well selected collection Lilies may be had in bloom from June to October. For Cultural instructions see our Full Catalogue.

Australis (Golden-buttoned Queen of Lilies). This magnificent variety has become one of the standard favorites of the flower garden, and is considered by many the finest of all Lilies. The Immense blooms, nearly a foot in width when expanded, are produced in great profusion, and are deliciously fragrant. Each, 25 cents.; per doz., $2.50.

Candida. (Polianthes). This is the chief of the all cream Lilies; drooping yellow and red flowers. Each, 15 cts.; per doz., $1.25.

Candida. (Tuberosa). This is the chief of the all cream Lilies; drooping yellow and red flowers. Each, 15 cts.; per doz., $1.25.

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CANNAS.

For effectiveness on lawns, in large beds, nothing is more tropical and impressive than a bed of Cannas. They require to be treated as to be at once suggestive of an artist’s hand, and, while all varieties are meritorious, there is a limit to the number of very distinct kinds.

As to culture, this is the main point. Cannas, to be effective, must be planted in the richest soil deeply dug and heavily manured.

Fine mixed varieties, by mail, 15 cts., $1.50 per doz.

Ehemanii. The most distinct of all Cannas on account of its large, oval, soft-green leaves and carmine-red flowers, which are produced on long flower stems, each of the smaller branches bears about twelve flowers. The flowers are as large as a Gladiosus, and are used to advantage in bouquet making. Each, 18 cts., $1.00 per doz.

Star of 1891. The habit of the plant is very dwarf, vigorous with beautiful clear-green foliage; its peculiar and persistent habit is throwing up sprouts from the roots, every sprout producing a flower, flowers twelve to twenty in number, of faultless form, four to five inches wide. Color, orange-yellow. The effect is gorgeous, and it is sure to cause a sensation. It never ceases growing and blooming. As a pot plant for Winter decoration it does equally well, the flowers being more brilliant and lasting longer than in the open air. Per bulb, 30 cts., 1 for 75 cts.

Misc. A wonderful Canna, very dwarf about three feet high, producing immense trusses of beautiful, bright scarlet flowers, distinctly bordered with golden-yellow. The individual blossoms are very large and of beautiful form. Plant very vigorously, and when the entire season. It is called by many “Ever-blooming Canna.” Per bulb, 40 cts., 5 for $1.00.

Childs. (The Tiger Canna) This is of a dwarf habit. Its foliage is rank and of a light green shade. The plant begins to produce flowers when very small, and continues blooming very freely all frost. It also flowers freely in pots, either Winter or Summer, and is very beautiful. The flowers are borne in large, compact panicles, are of large size and perfect shape, with broad petals, and of a bright, glossy, yellow color, the calyx spotted with crimson. Strong plants 40 cts. each. 1 for $1.00.

CRINUM KIRKY.

A magnificent flower of great beauty. Usually two flowers, or occasionally three, of dark purplish color are sent up at the same time, each bearing a large number composed of a dozen or more enormous lily-like flowers of the greatest beauty and fragrance. The petals are broad, and pure-white, with a deep reddish-purple stripe through the center. A plant which always creates a sensation when in flower. Very fine bloomer. Extra large bulbs: per bulb, 75 cts., 2 for $1.25.

HYACINTHUS CANDICANS.

Summer Flowering White Giant Hyacinth

This is a magnificent, Yew-like, hardy plant, producing in July and August a flower stem from three to four feet high, amassoned by a grand spire of numerous pendant, bell-shaped, snow-white flowers. If planted about nine inches deep, it will remain unimpaired by a severe Winter, and should find a place in every collection. Each 50 cts., per doz., $1.00.

SCARBOROUGH LILY

Vallotina Purpurea.

This brilliant Summer-blooming bulb is nearly allied to the genus Amaryllis, from which it differs mainly in that its leaves are evergreen, keeping in a growing condition all the time, and being, therefore, not to be drawn off during Winter. The large bright scarlet flowers appear from July to November, and immediately after blossoming the bulb should be potted. The plant needs but little heat, but should have plenty of light during its growing season. The bulbs, when once established, should not be disturbed while the root becomes too crowding in the pots, when a shifting of the entire bulb into larger pots is preferable to a separation of the bulbs. Each, 50 cts., per doz., $1.50.

On the first eight pages of this book are many valuable Novelties. Among the most prominent is Gentrosema Grandiflora, which should be included in every order.
DAHLIAS.

We believe that we are in a better position this season than ever to supply the demands for this ever popular favorite. The bulbs we have to offer are true to name and color. Grown by some of the best-known Dahlia fanciers in this country, who has several acres devoted entirely to Dahlias, embracing several hundreds of the choicest varieties which have been introduced in this country and in England. These Dahlias have taken first prizes wherever exhibited.

SPECIAL NOTICE. We book orders for Dahlia bulbs as soon as our Catalogue is issued, but do not fill orders until about May 1. The bulbs should not be set in the open ground until the weather is perfectly warm, usually about May 20. Nothing is gained by earlier planting, and the bulbs are much better off in the hands of our experienced grower, who keeps them cool away from allowing sprouts to get so far advanced as to get broken off in handling, but in every way providing the best advantage to be planted at the time the weather is perfectly warm. Customers wishing dry bulbs or those that little sprouted, wishing to start or force them themselves, will in ordering so state, and such orders will be filled as near May 1 as possible. If orders for Dahlia bulbs are included with seeds or other articles, please state if we shall hold all and send at one time, or forward what we can, the bulbs to follow as soon as possible.

Show or Prize Varieties.

Miss Bronzing. Yellow-striped white; perfect form.
Holly. White and blue; fine
Suns. King. White; shown.
Penelope. Pure-white, violet tips; firm con- tact; very beautiful.
Parity. Pure white; very fine.
Queen. Blush-striped purple.
Rev. J. P. Kirkland. Dark maroon extra.
Starier. Dark maroon, white tipped; extra.
Yellow Boy. Fine, clear-yellow; free bloomer.
Per bulb, 20 cents, three for 50 cents, doz., $1.50.

Cactus Dahlia.

Picta Formosissima. Orange-yellow, distinctly striped with scarlet.
Per bulb, 30 cents, doz., $2.50.

Pompon or Bouquet, Small-flowered.

Black Duke. Dark maroon; nearly black.
Bryant's Favorite. Crimson.
Catherine. Yellow, extra.
Fancon. Orange; beautiful.
Goldfinch. Yellow-striped purple.
Lepad. Deep rose, free bloomer, very fine.
Little Gien. Cherry, shaded white, sports.

Green Dahlia.

(Ferni Flora). a pompon, of a compact, rich crimson.

New Dwarf Double, Snow-White.

Nearly a new type of this favorite flower, very distinct in habit, growing only one and one half to two feet high, very bushy and robust, throwing its foliage, flat, dull, double, fine form, snow-white flowers, on long stems, in the greatest profusion, literally covering the plants. Tom Thumb would be a good title for this race of dahlia, as it is so dwarf. We recommend it for bordering large foliage beds in lawn decoration, especially when to take the place of Callas, Caladium, or other tall-growing plants that we may wish, covering the gardens with flowers. We think that our selection is much better than the earlier Dahuies, and concludes in full bloom till killed by frost. No staking or tying up is required. Strong bulbs. Per bulb 25 cents; doz., $2.50.

SPECIAL OFFER.

Our stock is so limited that we do not list but a few of the two hundred varieties which we have grown for us, so if the purchaser will take advantage of the selection we will send twenty strong bulbs of any of these classes, each bulb correctly labeled, for $1.50, or $3 for 50 cents.

Single Flowering Varieties.

The single varieties have become very popular, producing as they do, large flowers of the most attractive hues early in the season. We have an extensive collection, and can give almost any color desired, from white to the darkest maroon, or in fancy stripes and mottled. Per bulb, 20 cents; doz., $1.50.

Dwarf Large Flowering.

Requiring no stakes.

Caroline. Rich crimson; beautiful, very free.
Challenger. White and maroon; very constant.

Dahlias.

Kinder Sun. Bright-scarlet; fine.
Snowflake. Pale rose and white.
White Bedder. Snow-white; profuse bloomer.
Per bulb, 20 cents; doz., $1.50.

Little Heroon. (True). Cherry and white, sports.
Little Wonder. Very dark maroon.
Snow-White. Pale rose and white.
White Aster. Pure white.
Per bulb, 20 cents; three for 50 cents; doz., $1.50.

Dwarf Large Flowering.

Rising Sun. Bright-scarlet; fine.
Samba. Very dark crimson.
White Bedder. Snow-white; profuse bloomer.
Per bulb, 20 cents; doz., $1.50.

Cactus Dahlia.

Picta Formosissima. Orange-yellow, distinctly striped with scarlet.
Per bulb, 30 cents, doz., $2.50.

Callas.

Spotted Calla. A splendid variety of the calla, with deep green leaves, finely spotted with white, which gives the plant a magnificent appearance. The flowers are pure white, and produce very freely. As a bedding plant with Cannas, Calladium, and Gladiolus the effect is very striking. The bulbs can be treated the same as Dahlias, that is, planted in spring and dug in autumn, and kept in a dry cellar over winter. As a pot plant it is very beautiful, and sure to give satisfaction. Our bulbs are very strong, and are sure to bloom soon after planting. Per bulb, 30 cents, three for 50 cents, doz., $1.50.

White (Ethispica). The well known Calla Lily is one of the best plants for parlor culture. Its growth is steady, the flower showy, exceedingly fragrant, and freely produced. A commendable feature is that it effectually resists all the injurious effects which gas temperature heat generally inflict on our floral pets. The requisites for successful culture are rich soil, plenty of water and pot-room. Each, 25 cents; per doz., $1.00.

Black (Arum Sanctum). Its flowers are enormous, fully a foot in length; color, clear coat- black. Each, 50 cents.

Little Gem. Dwarf; grows to fifteen inches high, and almost constantly in bloom. Bulbs each, 35 cents.

In making up your order do not omit to include Centrosenum Grandiflorum, Page 1.
Our Plant Department.

WE HAVE endeavored from year to year to make this department one of the most reliable. Although not putting out quite as many plants as some other houses claim to do, we believe our plants are second to none, and it is our aim to have them all true to name, and well-rooted. To this our special attention is given.

We are in receipt of most satisfactory letters from many of our customers regarding the quality of plants sent out by us, and the condition in which they have been received.

These, together with our constantly increasing trade, confirm our statement when we say that we strive to make our Plant Department one of the most reliable.

How to Send Money. Remittances can be made in current bank bills, Post-office Orders, Registered Letters, or by drafts on New York and Boston. Post-office orders are preferable to all others as there is no possibility of loss, but when these cannot be obtained, Registered Letters are surest to reach their destination.

We Will Guarantee the safe arrival of all plants sent by express. We would earnestly request our customers on receipt of goods to notify us at once if they have received any injury in transit, using special care to, in every case, give us a list of what was injured that we can replace them without delay. When received in good condition our responsibility ceases.

All Plants not sent by express are at the risk of the purchaser.

Plants by Mail. We do not care to send plants by mail, roses especially, as by so doing we are obliged to send much smaller ones and our customers are oftentimes disappointed on account of the small size, whereas if they would only have them sent by express, much larger, stronger and more thrifty plants could be sent, and would be received in far better condition which would be much cheaper in the end.

Single plants sent post-paid at prices quoted.

ROSES.

For want of space we are obliged to omit the names of many of our Hybrid Perpetual Roses which we have in stock, and to those taking advantage of our price by the hundred, many kinds which are not mentioned in these three pages will be sent if desired.

Price, per 100, $2.00; our own selection, all to be first-class roots.

GENERAL JACQUEMINOT.

This grand old variety holds its own against all new-comers, and is, undoubtedly, the finest hardy rose of its color, which is unsurpassed in its clear, rich crimson-scarlet, the flower being very large, globular and a free bloomer.

Each, 50 cts.; per doz., $2.50.

ALFRED COLOMB.

Bright, clear cherry-red, shaded with crimson, very large, full and of fine globular form.

Each, 50 cts.; per doz., $2.50.

BARON DE BONSTETTEN.

Rich, velvety-maroon, large, double and fragrant flowers; a strong grower.

Each, 50 cts.; per doz., $3.00.

LA FRANCE.

Flowers large and beautiful, either in the bud form or when expanded; peach-blossom color, shaded pink and silvery-rose. It is exceedingly fragrant, very free-blooming, and is entirely hardy, with a slight protection of leaves.

Each, 50 cts.; per doz., $3.50.

DUKE OF EDINBURGH.

Brilliant scarlet-crimson, shaded with maroon, very large and full. One of the best.

Each, 50 cts.; per doz., $2.50.

FISHER HOLMES.

The flowers are large, globular, with pointed centre, shaded crimson-scarlet. It is a very vigorous grower and free-flowering.

Each, 50 cts.; per doz., $3.50.

MERVEILLE DE LYON.

Beautiful white centre of flowers, slightly rosy peach, with large, well-arranged petals, closer and finer in the centre; a full cup-shaped flower; a free-bloomer.

Each, 50 cts.; per doz., $3.50.

We offer the above collection of seven varieties, with names, all good, strong roots, for $2.75.
MRS. JOHN LANG.
It is very free-flowering, commencing to bloom early in the season, and continues to bloom profusely until late autumn. Color, a soft delicate pink, with a satiny tinge; very fragrant. This we consider one of the finest roses that has been sent out in years.
Each, 50 cts.; per dozen, $3.50.

MAGNA CHARTA.
A splendid sort; bright, clear pink, flushed with violet-crimson; very sweet; flower extra large; fine form; very double and full; a fine bloomer.
Each, 50 cts.; per dozen, $3.50.

LOUIS VAN HOUTTE.
Rich crimson, heavily shaded with maroon; a beautifully formed double flower, flushed with pink; but not a very vigorous grower.
Each, 50 cts.; per dozen, $3.50.

PRIDE OF WALTHAM.
Very delicate flesh-color, shaded with bright rose. The flowers large and full; perfectly hardy.
Each, 50 cts.; per dozen, $3.50.

MABEL MORRISON.
A beautiful white rose, sport from Baroness Rothschild, and one of the best.
Each, 50 cts.; per dozen, $3.50.

MARGUERITE DE ST. AMAND.
Bright pink; very large and full, fine.
Each, 50 cts.; per dozen, $3.50.

HEINRICH SCHULTHEIS.
A very delicate, pinkish rose; large and full.
Each, 50 cts.; per dozen, $3.50.

PRINCE CAMILLE DE ROHAN.
The flower is of the darkest shade of crimson, almost black when in perfection; is perfectly hardy and of the richest fragrance.
Each, 50 cts.; per dozen, $3.50.

This collection of eight varieties, each one separately named, for $2.90, or the entire collection of sixteen varieties, each one with name, for $5.75.

BARONESS ROTHSCHILD.
The flowers are of immense size, perfect form, and exquisite color; a rich and lovely shade of pale pink, delightfully perfumed; an ideal rose in every way; good, strong plants.
Each, 50 cts.; per dozen, $3.50.

ULRICH BRUNNER.
A splendid rose, either for the garden or forcing. It is a seedling from Paul Neyron, introduced about eight years since, but its good qualities have but recently been properly recognized; it is of a rich glowing crimson-starket color; produces flowers of exquisite shape. It is a strong, vigorous grower and free continuous bloomer; a rose that should be in every garden.
Each, 50 cts.; per dozen, $4.00.

MME. GABRIEL LUIZET.
A beautiful delicate pink color; semi-globular shape; very fragrant, a free-bloomer, a grand flower and quite distinct, cherry-red, large and full, fine globular form and very fragrant.
Each, 50 cts.; per dozen, $3.50.

ANNA DE DIESBACH.
Bright rose color, very large and showy, particularly in bed; flowers slightly cupped; a vigorous grower.
Each, 50 cts.; per dozen, $3.50.

PAUL NEYRON.
The flowers are very large, often measuring five inches in diameter, perfect in shape, color, deep shining rose; very fresh and pretty. It is a very strong grower and remarkably free-bloomer.
Each, 50 cts.; per dozen, $3.50.

PERSIAN YELLOW.
The finest hardy yellow rose grown; the flowers are deep golden yellow, very double and full; blooms very freely in June; perfectly hardy.
Each, 50 cts.; per dozen, $3.50.

LADY HELEN STEWART.
The flower is a very bright crimson and exceedingly fragrant.
Each, 50 cts.; per dozen, $3.50.

THOMAS MILLS.
The flower is very large, and of bright rosy-carmine color.
The above combination of eight varieties, each one separately named, all good, strong plants, for $3.00.
**Tea Roses.**

We can supply all the most desirable sorts of tea roses, either in pots or in dormant plants, of several sizes, from small to very large. The following list contains the best sorts. Price, 35 cts., and 50 cts., according to size; $3.00 to $4.00 per dozen; $15.00 to $25.00 per 100.

**Catherine Mermet.** Winter, color clear rosy-pink, very large pointed buds, full double, and fragrant.

**Bon Silene.** Exquisite tea scent, color brilliant-carmine.

**Saffran.** The ideal tea rose; grown in enormous quantities for Winter.

**Perle Des Jardins.** A rich shade of yellow, tea fragrance.

**Gloire de Dijon.** Buff, orange centre, large and double; first to flower and keeps on till the last; very sweet-scented; good in any situation.

**Madame Hoste.** Guillot, 587. Yellowish white, centre deeper yellow, very large and full, of most perfect form, a capital grower and most abundant bloomer; a superb variety in every way. 50 cts.

**Madame de Watteville.** Salmon-white, petals edged with bright rose; a most prolific bloomer.

**Niphotos.** Pure-white, long pointed buds.

**Souvenir D'un Ami.** Salmon and rose, a splendid flower.

**Souvenir de la Malmaison.** Clear flesh, edges blush, very large and double, deliciously scented and beautiful; particularly so in the Autumn.

**Sunset.** Deep-apricot color, useful for pot-culture or outdoors.

**The Bride.** Almost pure-white, perfect form.

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**Single Roses.**

Single roses are now commanding considerable attention, their numerous showy and beautifully colored flowers being most attractive, either upon the plants or in a cut state.

**Rosa Blanda.** One of our prettiest native roses, with early light-colored flowers with hardly any thorns. Each, 25 cts.; 10 for $1.00.

**Rosa Carolina.** Wild swamp rose, small, bright blossoms. Each, 25 cts.; 10 for $1.00.

**Rosa Lucida.** Shining leaved or dwarf. Wild rose. Each, 25 cts.; 10 for $1.50.


**Rosa Rugosa Alba.** Same as above, only it has a white flower. Each, 50 cts.

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**Moss Roses.**

Admired for the beautiful moss covering of the buds. The Moss Rose is a strong, vigorous grower, perfectly hardy, and therefore justly esteemed as very desirable for outdoor culture in open ground. They like rich ground, and are much improved in beauty and fragrance by liberal manuring and good cultivation; but they bear hardships and neglect well, and bloom profusely.


**CELINÉ.** Shaded dark-crimson. Each, 50 cts.; per doz., $4.00.

**COMMON.** Very double, pale-rose, fine. Each, 50 cts.; per doz., $4.00.

**LANEI.** Very double, deep brilliant rose. Each, 50 cts.; per doz., $4.00.

**BLANCH MOREAU.** Pure-white, large, full, of perfect form; flowers in clusters, buds furnished with deep-green moss. Each, 50 cts.; per doz., $7.50.

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**Climbers.**

These, for their hardiness and profusion of flowers, recommend themselves to all lovers of the beautiful. They are admirably adapted to cover arboris, walls, and any unsightly objects, and are always ornamental in every situation.

**Baltimore Belle.** Pale-blush.

**Edward Morren.** Light-carmine, vigorous grower.

**Jules Margottin.** Bright, glossy earume.

**Queen of the Prairie.** Rose-red, strong.

**Victor Verdi.** Light cherry rose. Each, 50 cts.; 1 each of the above, $2.00.

**Note:** In making up your order do not omit to include Centranthus Grandiflora, page 1.
CHRYSANTHEMUMS.

The most fashionable flower at the present time, next to the Rose, is the Chrysanthemum. Coming, as it does, at a season when all other flowers have faded under it, a plant eminently worthy of care and attention. Its peculiar form and coloring, with its remarkable diversity of size, added to its freedom of bloom, make it one of the most desirable flowers to cultivate.

The last few years special attention has been given to the Chrysanthemum, and flowers of enormous size with beautiful color and form in the Chinese, and diversity of shape and hue in the Japanese section are the result of the care bestowed. The chrysanthemum should be lifted in the fall after the frost has killed the flowers, and stored in a cold, dry cellar. They can be set close together and covered with an inch or two of sand or soil. Water occasionally to prevent drying up. Early in spring plant in open borders, or divide and pot it to be grown for house decoration or exhibition.

FOR NOVELTIES IN CHRYSANTHEMUMS, SEE COLORED PAGE 2.

PRIZE COLLECTION.

Out of all the new varieties of recent introduction, we have selected 10 of the most valuable, all being prize winners, and now offer them in one Grand Prize Collection, each with name attached, for $2.00, or 25 cts. each.

Roslyn. A superb, clear Merlot rose pink, petals thick and heavy, cup-shaped, solid to the centre, immense in size, having been exhibited 11 inches across, habit the best, stems stiff and erect, covered with most luxuriant foliage; the best pink in commerce. Awarded silver medal by Pennsylvania Horticultural Society, certificate of merit at Madison Square Garden Exhibition, and was one of the varieties winning the Spaulding prize at Philadelphia for best new seedlings.

Emma Hitzeroth. A magnificent extra large flower, petals broad and peculiarly arranged, completely filling the centre. Bright lemon yellow, exquisite and novel form, superior for commercial or exhibition purposes. Awarded at Madison Square Garden Exhibition the Window cup for best yellow, also certificate of merit.

Lillian Russell. A beautiful broad petalled, clear silvery pink, incurving and forming an immense round ball of largest size; an early flowering variety, suitable for all purposes; one of the collection winning the Astor cup at Madison Square Garden.

Ada H. Le Roy. A fine symmetrical-formed variety, petals broad and cupped full to the centre; color deep rose pink extra large flower, one of the best for exhibition purposes. Awarded certificate of merit by Pennsylvania Horticultural Society.

Col. Wm. B. Smith. An immense double high-built flower, petals very broad and large, forming a solid mass of the richest bright golden-brown. Awarded at Madison Square Garden Exhibition certificate of merit, also the Bird cup, for best seedling not yet in commerce, and certificates of merit by Pennsylvania Horticultural Society, and Royal Horticultural Society, England.

Ruth Cleveland. A chaste and beautiful acquisition of large size, petals broad and cup-shaped, outer rows reflex, inner ones incurve, forming a high-built centre of most delicate silvery-pink. This variety, being registered, is the only one recognized by the American Chrysanthemum Society under this name. One of the collection winning the Astor cup.

H. F. Spaulding. A grand Japanese variety of most novel shape and effect. Color rich apricot-yellow shading to rose, centre petals clear yellow, bloom solid and double, high built, and of largest size, similar in shape to a pineapple, habit strong and robust. Awarded the Ladenburg cup at Madison Square Garden Exhibition, also certificate of merit.

Eva Hoyt. An immense double Japanese bloom of clearest and brightest yellow, a solid ball with full high-built centre; grand for any purpose and superior to Wildenier or other existing varieties for exhibition purposes. $250 was paid for the control of this magnificent yellow.

A. Ladenburg. A full and extremely double Japanese variety of immense size, having been grown 18 inches across; style and shape of Mrs. J. Clark, except in color, which is a clear delicate rose-pink, mag-nificent for exhibition specimens. Awarded certificate of merit by Pennsylvania Horticultural Society, also at Madison Square Garden Exhibition.

Shenandoah. Magnificent broad flower of immense size, full and double to the centre, petals over an inch in width; color a new shade of deep chestnut-brown on both upper and lower surfaces, the entire bloom being a solid color without shadings; novel and distinct. Prize winner at Philadelphia.
**Royal Collection.**

We have selected 12 leading varieties, which we will send to any address in the United States on receipt of $1.00, or each separately, 15 cts.

**Sugar Loaf.** Outer petals recurve slightly, while the inner flow are incurved; color, varying shades of yellow, often slightly bronzed; a giant grower. Awarded premium as best seedling at Cincinnati, and was one of six winning the hundred dollars at Indianapolis.

**Newton's Favorite.** Soft shade of chamois or golden amber, lined with red; petals incurve and wind spirally around the centre, forming a large symmetrical flower.

**V. H. Hallock.** Rosy-pearl, with a marked waxy texture. The rose color deepens toward center. Very large petals in centre of flower, very much twisted. A striking and beautiful flower, and very distinct color.

**Wm. H. Lincoln.** A rich, pure-yellow; full flower of immense size, very slightly incurved; of perfect habit, strong grower and very free bloomer. One of the very best pot plants or for cut flowers.

**Harry E. Widener.** Clear lemon-yellow, flowers large, on stout stems; slightly incurving; a grand variety.

**Harvest Queen.** Extra early, purest-white. One of the very best early white.

**Kioto.** A very large incurved flower; color a deep yellow, with peculiar waxy lustre. A strong grower and free bloomer.

**Lillian B. Bird.** A large, double flower, with long quilled petals; color a rich rose-pink; strong, healthy grower.

**L. Canning.** White, large flower, quite regular in form; reminds one of a large satin rosette. Too much praise cannot be given this exquisite variety.

**Miss Minnie Wanamaker.** Cream-white, incurving from first to finish, when it appears as a snow-white ball; dwarf.

**Frank Thompson.** A strong growing, large, bold flower of splendid form and texture; ivory-pink, shading to pure-white.

**Ivory.** Pure-white, very double, large and beautiful; dwarf in habit; extremely free and early.

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**Standard Collection.**

We offer this complete collection of 8 varieties, each with name, for $1.00, or 20 cts. each.

**Ada Spaulding.** A striking variety, habit, sturdy and robust; color, rich deep-pink, shading in upper portion to the purest pearl-white. Awarded silver cup, two medals, and three certificates.


**Fair Maid of Perth.** A magnificent heave bloom of large size, borne on stiff, erect stems; similar in form to Mary Wheeler, but much more double, as the upper petals incurve to centre, while under ones reflex closely to stem, forming a round ball of purest white, occasionally tipped rose. One of the varieties winning the Astor cup at Madison Square Garden.

**Columbian.** Perfectly solid ball of dense straight and stiff petals, better and larger than Cullingfordii, also much riper in color, which is almost bright-scarlet. Extra fine.

**Cornelia Beckwith.** Large, clear snow white, style of, but superior to, Moily Law, petals heavier and broader, long and incurving, twisting around the centre.

**Christopher Columbus.** Large, fine double Japanese bloom, broad petals, closely incurving, style of Mrs. Carnegie; color deep dark-crimson. One of the varieties winning the Astor cup at Madison Square Garden.
CARNATIONS.

For the want of space we are obliged to leave out many varieties which are worthy of notice, but we can supply almost any kind that is of any value to cultivate. Ed. Plants ready May 1st.


Edelweiss. Light-carmine. Vigorous grower and highly appreciated; a great acquisition.

Latania Century. A beautiful double variety, with a strong, healthy habit. Very free bloomer.

Hinzie's Seedling. A fine February bloom, with a large, fragrant bloom, on strong, healthy plants.

B. P. Sprague. A large pink, rich in perfume, well suited for grand garden effects.

Ed. Standard Varieties.

YELLOW.

Columbia. A yellow ear, the highest society of unique shade and distinction. A perfect flowering plant.

Golden Triumph. A color, canary-yellow, which never fails to attract attention and is very pleasing to the eye.

RED.

Florence. Intense scarlet; fringed; strong grower.

Anna Webb. Crimson; fringed; very free.

R. C. Crisp. (Garfield), deep scarlet; very productive; late.

E. G. Hill. Bright scarlet: large flowers.

PALMS.

PINS.

Kentia Belmoreana. This is sometimes called the "Curly Palm," and is recognized as among the best for all purposes, being capable of standing more ill usage perhaps than any other. The leaves have a tendency to curl as the plants grow older, hence its popular title of "Curly Palm."

Latania Borbonica. This is the typical Palm, and is more largely used than any other. It is a strong, healthy habit, to all, and gives it a fitness for window and room culture not possessed in the same degree perhaps by any other. Price, $2.50, $1.00, 50 cts. each, according to size.

SWORD FERN.

(Nephrolepis Exaltata).

A beautiful plant for the parlor or living-room, as it thrives well where other plants will not. It stands the heat, dust, and neglect, and always looks fresh and beautiful. The fronds attain the length of six feet and are three inches wide, arching in every direction in a most graceful manner, forming a perfect fountain of shining green foliage. For hanging-in-baskets and rockeries it has no equal. Price, 25 cts.; three for 50 cts.

ASTER PLANTS.

There is no class of plants more valuable for all purposes of a garden flower or gives such a variety of color as the Aster. We make a specialty of these and can furnish them of our own growing in any quantity. Price, 10 cts. each; 50 cts. per doz.; $1.00 per 100.

PANSY PLANTS.

Bliss! Perfection. Grown from selected seed and offered as unequalled for size, form and color. Pansies are now largely used for bedding purposes, vases, etc., and these grand varieties will greatly increase their popularity. Price, 10 cts. each; 75 cts., per doz.

SWORD FERN.

FINE MIXTURE, 50 CENTS PER DOZ.

ASTER, SNOWBALL.
Amelopsis Veitchii (Boston, or Japanese Ivy). This new and beautiful variety of the woodbine is now the most popular and admired of all climbing plants; growing freely, perfectly hardy, and admirably adapted for all decorative uses. Each, 25 cts.; per doz., $2.00.

Osinquefolia (Virginia Creeper). A native of rapid growth, with large, luxuriant foliage, which assumes in the autumn a gorgeous crimson and purple coloring. Each, 25 cts.; per doz., $2.00.

Englemannii. This has the vigorous and hardy characteristics of the American woodbine, with beautiful glossy foliage, interspersed in fives and sometimes sixes. It is quite distinct in having the climbing tendrils and self-supporting habit of A. Veitchii. In this respect, and also in brilliancy of coloring in the fall, it rivals the so-called Boston Ivy. Each, 25 cts.; per doz., $2.00.


Bitter Sweet (Celtis australis). A native climbing or twining plant, with large, glossy leaves, yellow flowers, and clusters of orange capsule fruit, which remains on the vine all the fall and winter. Will grow ten to twelve feet in a season, and is perfectly hardy. Each, 75 cts.

Clematis flammula ("Virgin's Bow"). With very fragrant white flowers, in clusters. Each, 25 cts.; per doz., $2.50.


Laudinosa Candida. White, tinted; a fine flower. Each, 25 cts.; per doz., $2.50.


Miss Bateman. White, with chocolate-red anthers. Each, 25 cts.; per doz., $2.50.

Star of India. Reddish violet-purple, with red bars. Each, 25 cts.; per doz., $2.50.


Caequinia. One of the most beautiful climbers, covered with bright scarlet flowers; blooms from June until frost. Each, 25 cts.; per doz., $2.50.

Clematis. Each, 50 cts.; per doz., $5.00, except where noted.

Evensonia Radicans. This climbing plant, though not a rapid grower at first, is one of the best evergreen vines for the Northern States. For walls, rough fences, trunks of trees, and similar places, it is admirably adapted. Plants 4 inches. Each 1 doz., 10, 25 cts.; 100, $5.00.

Hyacinthoides. Hall's new, from Japan; pure-white, fragrant and fine. Each, 25 cts.; per doz., $2.50.


Roses, Climbing. See page 44.

Wisteria. Chinese purple; the finest of climbing plants; purple flowers. Each, 50 cts.

— Chinese White. Similar, but with white flowers. Each, 50 cts.


The Cinnamon Vine.

A beautiful climber, which possesses the rare quality of emitting from its flowers the delightful odor of cinnamon, and very appropriately called the "Cinnamon Vine." Perfectly hardy, the standing down every autumn, but growing again so rapidly in the spring as to completely cover any ten feet or more early in the season. It is as easily cultivated as the Madrona Vine, has no insect enemies, and is not affected by drouth. It is propagated from roots or bulbs which will make from ten to twenty feet of vine, and with its beautiful, heart-shaped leaves, bright-green, peculiar foliage, and clusters of delicate white flowers, sending forth a delicious cinnamon odor, renders it by far the most desirable climber in cultivation. Planted near a door or window, and the vine trained over and about it, makes an ornament worthy the admiration of all.

The tubers are frequently over two feet long at two or three years of age, and run straight down in good deep soil—a flower white than superfine snow, and equally as good for table use as the best potatoes.

Prices of the Cinnamon Vine. Three nice roots or tubers by mail post paid for 30 cts.; six roots for 50 cts. or twelve roots for $1.00. No order filled for less than 3 roots. Packed well in strong paper boxes, and guaranteed them to reach their destination in good condition.
DECIDUOUS TREES

This List Comprises all the Best Varieties and includes many of recent Introduction.

Prices by the dozen or hundred, may size desired, will be sent on application.

Alder, Imperial Cut-Leafed (Alnus glutinosa var. laciniata). A handsomely cut-leafed tree, with beautiful and deeply cut leaves, very vigorous and hardy. Price, $1.00.

Ash, White (Fraxinus Americana). A native tree of large size, rapid growth, and easy cultivation. Leaves pinnate, pale green and handsome. Price, $1.00.

— Acuba-Leafed (F. acutus folia). The leaves are golden blotched, the variegation lasting throughout the season. Price, $1.00.

— Weeping (F. excelsior pendula). A remarkable variety, with striking pendulous branches. Price, $1 to $2, according to height, form, etc. These are grafted to 6 to 8 feet high.

Beech, Rivers' Purple-Leafed (F. sylvatica purpurea Riversi). This is the best of the purple-leaved beeches, and differs from the common purpures by its compact, symmetrical growth and crimson foliage in early spring, changing to a dark purple in summer. A very beautiful and grand tree. Price, $1.00 to $3.00.

— Fern-Leafed (Fagus sylvatica var. heterophylla). A beautiful round-headed tree, with delicate fern-like leaves and wavy shoots, that produce a most elegiac effect. Price, $1.50 to $2.00.

— Weeping (Fagus sylvatica pendula). A very rare and picturesque tree; branches gracefully drooping; foliage clean and light; well adapted for small places and courtyards. 6 feet. Price, $1.25.

Birch, European White or Weeping (Betula alba). Graceful, airy foliage and silvery white bark; very desirable for the lawn. Upright when young, it generally assumes a drooping habit as the tree grows older; very hardy, and easy to transplant. Price, $1.00.

— Cut-Leafed Weeping (B. alba laciniata). A very fine tree, with distinct, beautifully cut delicate leaves and slender, drooping branches; elegant. 5 to 8 feet. Price, $1 to $2.

— Purple-Leafed (Betula alba frigida purpurea). A purple-leaved variety of the White Birch, with leaves as dark as those of the Purple-leaved Beech; a great acquisition. 5 to 6 feet. Price, $1.00.

Catalpa (C. speciosa). Large, heart-shaped, downy leaves, and compound panicles of white flowers tinged with violet, and dotted with purple and yellow. Forms a medium-sized, very ornamental tree. Price, $1.00.

Cercidiphyllum Japonicum. A tree of great beauty, from Japan, with heart-shaped leaves, similar to Judas tree, but bright reddish purple when young, turning to a light green. A rapid grower on rich soil, with smooth bark, pyramidal habit; perfectly hardy. A new and valuable acquisition. Price, $1.00.

Chestnut, American (Castanea Americana). A well-known forest and ornamental tree; of great value for ornamental purposes. Price, $1.00.

— Japan (C. Japonica). This rare tree produces fruit of large size when quite small. Price, $1.50.

Cypress, Deciduous (Taxodium distichum). A beautiful tree, with elegant feathery foliage. 8 to 8 feet. Price, $1.25.

Cherry, Double Flowering (Cerasus avium alta plena). A beautiful object in May when full of its very large double flowers. Price, $1.00.

Dogwood, White Flowering (Cornus florida). Spreading, irregular, foliage firm, rich texture, placed together in distinctly layered masses, and in the fall, of a rich crimson color. Large, milky-white flowers in early spring. One of our most valuable small trees, 6 to 7 feet. Price, $1.50.

Dogwood, Weeping (C. florida pendula). This new and very beautiful weeping variety has all the good qualities of the common Dogwood, with a perfectly drooping habit, and the upright leading stem of the Weeping Dogwood. Price, $1.50.

— Red Flowering (C. florida flore rubra). Flowers suffused with bright red color, lasting long. This is one of the finest acquisitions. Planted with the white species, the effect is unrivaled. 2 to 3 feet. Price, $2.00.

Elm, American White (U. Americana alba). The well-known, noble tree of our own forests; generally considered the most beautiful of all our native trees. Especially desirable for street planting.

— Camperdown Weeping. A variety when grafted high forms very fine pendulous heads. 5 to 7 feet. Price, $1.00.

— Golden (U. Aurea Louis Van Horn). A golden elm which is vigorous in growth, withstand our hot sun perfectly, and showing a brighter color than any other kind. As the tree attains size its lively color will be exceedingly attractive. 2 feet. Price, $1.00.

— English (Ulmus campestris). An erect, rapid-growing tree, forming a dense head; leaves rich, dark green, remaining on the tree later in the fall than those of the native sorts. A desirable tree for streets, avenues, etc. 9 to 12 feet. Price, $1.00 to $3.00.

Ginkgo, Maiden-Hair Tree (Ginkgo biloba). A very singular and artful-looking tree, with remarkable fan-like leaves, resembling the divisions of the Maiden-Hair Fern. 6 to 10 feet. Price, $1.00 to $2.00.

Horse Chestnut, Common White Flowering (Aesculus Hippocastanum). A well-known handsome tree, with large, rich foliage, and beautiful pyramids of white flowers tinged with rose, which appear early in the spring; Hardy, and suitable for a street tree or for parks. Price, $1.50.

— Red-Flowering. The tree is similar to the common White-Flowering, only the leaves are of a darker green; the beautiful red blossoms of this sort make it, when in flower, one of the handsomest of ornamental trees. Price, $1.00 to $2.00 each.

Judas Tree or Red Bud (Cercis Canadensis). A very beautiful medium-sized native tree, of irregular, round form, with heart-shaped leaves, glossy green above and grayish green beneath. The flowers appear early in spring before the leaves, clothing the whole tree with a mass of purple. Price, $1.00.

Kentucky Coffee Tree (Gymnocladus Canadensis). A native tree of large size, feathery foliage, rough bark, and altogether singular appearance. Price, $1.00.

Larch, European (Larix decidua). Of regular conical form, slender, drooping branches, and soft, light green foliage. Price, $1.00.

Laburnum or Golden Chain (Cytisus laburnum). A very handsome small tree with dark-green bark, trifoliate leaves, and long racemes of bright yellow flowers. Price, $1.00.

Linden or Basswood (Tilia Americana). A rapid-growing, large-sized tree, with a remarkably straight trunk, deep green, heart-shaped leaves, and fragrant flowers. Price, $1.00.

— European Linden (T. Europaea). A very fine pyramidal tree, of large size, with large leaves and fragrant flowers. Ornamental for avenues or lawns. 10 to 12 feet. Price, $1.50.

Locust (Honey). Three-Thorored Aescia (Gleditschia triacanthos). A large, rapid-growing shade tree, with fine and delicate foliage, and long brown pods in fall and winter. Price, $1.00.
Marubee. Teas Weeping. A remarkable sport of the Russian mulberry, which has the fresh-looking, glossy, green foliage, and small, beautifully marked leaves of its type, combined with the most slender, graceful, and pendulous growth of any weeping tree. The tree is absolutely hardy, free from all diseases, very vigorous in growth, and receives unqualified praise from all who have seen it. It is claimed to be "the most graceful and valuable weeping tree in existence." Each, $3 per pair. $7. Several other varieties at $1.50 to $2 each.

Oak-White (Quercus alba). A native tree of the largest size, with widely spreading branches. Price, $1.00.


Platan, Purple-Leaved (Platanus Pissardii). A very remarkable and beautiful new plant, with dark bark and dark purple leaves, as dark as those of the Purple Beech, and remaining very constant until late in the fall. The ever-growing habit, the gracefully ascending branches, and the exceeding beauty of its foliage, combine to make this tree of the highest value. Price, $5.00 each.

Sassafras (Sassafras albidum). It has a peculiar deep-green foliage, which turns to a deep yellow in the fall. Its well-known for its aromatic bark and roots. Price, $1.00.

Sweet Gum (Liquidambar styraciflua). A stately tree, with star-shaped leaves, which change to deep yellow and crimson in the fall. This, with its corky bark, gives it great value for planting. Price, $1.50 each.

Sumac, Cut-Leaved (Rhus glabra laciniata). A variety of the common sumac, with its leaves deeply cut and divided, "resembles a tree form." The common Sumac is one of the most picturesque and tropical-looking of our low-growing trees, and the great foliage and beauty of its leaves and fruit combined, make it very good. This tree will undoubtedly be a great acquisition. 6 $1.50.

Osbeck's (Osbeckii). A beautiful species from China, flowering in summer. Price, $1.00.

Thorn's, Double Scarlet Hawthorn (Crataegus coerulea f. pl). This is the finest of all the Thorns. 6 $1.00 each.

Purple-White (C. flore albo pleno). Double White Hawthorn. 6 $1.00 each.

Sophora Japonica (Sophora Japonica). A beautiful tree, with fine, pinnate dark-green foliage, and white pea-blossom-shaped flowers. 6 to 8 ft. 6 $1.00 each.

Weeping (S. Japonica pendula). One of the most beautiful weeping trees. Very regular and graceful weeping habit made up of picturesque short curves, and small foliage hanging in beautiful tresses. Rare and choice. Grafted, 6 to 7 feet high, $5.00.

Walnut, Black (Juglans nigra). A vigorous, handsome, rapid-growing tree, with large purple leaves. Very suitable for large ground and parks. Price, $1.00.

Willow, Weeping (Salix Babylonica). A well-known tree, very graceful and ornamental. 6 to 10 feet. 6 $1.00 each.

Kilmarnock Weeping (S. caprea). Makes a very pretty small tree; grafted, 6 feet high; wood dark, leaves large and glossy; foliage very dense. Price, $1.00.

Lauril-Leaved (S. laurifolia). This is assuredly a tree of great merit. It is of vigorous growth, extremely hardy, and possesses great beauty in its habit, rounded form and brilliant dark green and leathery foliage. Price, $1.00.

Yellow Wood, Virgilia (Chandraea tinctoria, formerly Virgilia lutca). The most beautiful of all the leguminous or pea-blossomed trees; very desirable as a single tree, or for small plantings, or for more in length of delicately fragrant, creamy-white flowers; bark smooth and polished; leaves remarkable for their purity of color, which they retain until frost, when they turn to a warm yellow. 6 $1.00 each.

ORNAMENTAL SHRUBS

A List of the Most Desirable Varieties.

PRICE. Thirty-five cents each, unless otherwise noted. Extra for larger plants and by the dozen or hundred will be given on application.

Almond, Dwarf White (Prunus subhirtella f. pl). Beautiful double white flowers in May.

Silver Red (P. subhirtella f. pl). A beautiful small shrub, bearing in May, before the leaves appear, an abundance of small, double, rose-like flowers.

Althea Elegansissima. Bright pink, prettily striped.

Armeria. Dwarf varieties. $1.25; also mollis varieties from Japan.

Berberis, Common European (Berberis vulgaris). A showy, upright-growing shrub, covered in the autumn with brilliant red fruit. Two years old, 6 $1.00.

Berberis Thunbergii. This low growing shrub, though not new, is yet so pretty in its arching habit, and in its foliage hanging, that it deserves a place on every lawn. Its scarlet berries are also very brilliant, and since they do not shrivel with frost, and remain on bushes through the winter, it is very ornamental throughout the winter. It becomes known, it will be large in demand. Large plants, 50 cts.; small, 25 cts.

Box, Dwarf (Buxus succulentis). A well-known shrub, used for edging borders, etc. Evergreen, 50 cts. per yard.

Ceanothus, California (Ceanothus thyrsiflorus). A beautiful shrub, bearing masses of rose-colored flowers. 2 $1.00 each.

Cistus, Lithospermum. A beautiful evergreen shrub, with flowers of various colors. 2 $1.00 each.

Cotoneaster, Dwarf. A hardy, graceful, spreading shrub, producing an abundance of small, bright red berries. 2 $1.00 each.

Daphne, Mezereum. A graceful shrub, bearing finely fragrant, white flowers in early spring. 2 $1.00 each.

Daphne, Mezereum, Alba. A beautiful shrub, bearing white flowers in early spring. 2 $1.00 each.

Daphne, Mezereum, Aurea. A beautiful shrub, bearing yellow flowers in early spring. 2 $1.00 each.

Daphne, Mezereum, Picta. A beautiful shrub, bearing flowers of various colors. 2 $1.00 each.

Daphne, Mezereum, Rosea. A beautiful shrub, bearing pink flowers in early spring. 2 $1.00 each.

Daphne, Mezereum, Virescens. A beautiful shrub, bearing greenish flowers in early spring. 2 $1.00 each.

Daphne, Mezereum, Variegata. A beautiful shrub, bearing flowers of various colors. 2 $1.00 each.

Elymus, Albus. A hardy, graceful, spreading shrub, producing an abundance of small, bright red berries. 2 $1.00 each.

Elymus, Albus, Alba. A beautiful shrub, bearing white flowers in early spring. 2 $1.00 each.

Elymus, Albus, Aurea. A beautiful shrub, bearing yellow flowers in early spring. 2 $1.00 each.

Elymus, Albus, Picta. A beautiful shrub, bearing flowers of various colors. 2 $1.00 each.
Calycanthus, Sweet-scented Shrub (Calycanthus floridus). There are several species and varieties of this shrub. The young wood has a strong, aromatic odor; the foliage is luxuriant, and the rare, chocolate-colored, small blossoms are delightfully fragrant, with somewhat the odor of cloves.

Clethra (Clethra alnifolia). Numerous spikes of fragrant, white flowers from June until October; a very valuable shrub.

Cornus, Cornelian Cherry (Cornus mas). A small tree, producing clusters of brilliant red flowers in early spring, before the leaves, followed in fall with large, oval, scarlet berries.

— Variegated (C. Siberica variegata). A fine colored leaved plant. 50 cts.

Curtis, Missouri (Ribes aureum). A native shrub, with spicy, fragrant flowers.

Daphne. Red (Daphne mezereum rubrum). An upright bush, with deliciously fragrant pink flowers in earliest spring, before the foliage.

— White (D. mezereum album). Similar to the above, with white flowers.

— Trailing Daphne (Daphne cneorum). Very dwarf habit, small, narrow, abundant leaves, spreading out in flat cushions of foliage, literally covered in spring with light pink rose-like flowers of most delightful fragrance. Late in summer these flowers appear in profusion again. A most charming dwarf plant. 50 cts.

Deutzia, Double Purple (Deutzia crenata fl. purpurea pl.). A double purple flowering variety.

— White Flowering. A large, rough-leaved, strong-growing shrub, bearing beautiful white flowers in June. A valuable shrub.

— Graceful (D. gracilis). This little gem is much in use for pot culture, producing an abundance of delicate-white flowers. It is perfectly hardy and valuable for the garden.

Elymus, Burning Bush (E. europaeus). A shrub with green wood, and bright-green leaves, and in the autumn with scarlet berries.

Forsythia, or Golden Bell (Forsythia viridissima). A very singular and quite ornamental shrub. Its branches in the early spring, before the leaves appear, are covered with bright yellow pendulous flowers.

— Weeping (Forsythia suspensa). Beautiful drooping habit, light-green leaves, with numerous bright-yellow flowers.

Fringo. White (Chimonanthus Virginica). An entirely different plant from the preceding; has hard, large, smooth, oval, and racemes of delicate, white flowers that hang like finely cut shades or strainers of white paper.


Honeysuckle, Upright White (Loniceratartarica). White flowers in May.

Hydrangea, Large-Clinsters (H. paniculata grandiflora). A fine shrub, with large, showy panicles of white flowers in the greatest profusion. It is quite hardy, and is altogether a most admirable shrub for planting along the lawn or in the margin of masses. To produce largest flowers it should be pruned severely in the spring, and the ground enriched. 50 cts.

Huisca, Four-Winged Fruited; Silver Bell (Halesia tetraptera). Profuse in the spring very pretty, white, bell-shaped and drooping flowers, somewhat resembling those of the Fuchsia.

Kalmia, Broad-Leaved (K. latifolia). A native shrub, having polished evergreen, canoe-like leaves, and exceedingly beautiful, cup-shaped flowers, of a lovely blush and pink color in June. It prefers a partial shade, and is always effective by itself, on account of its exceeding beauty, is worthy of special care. $1.00.

Lilac, Common Purple (Syringa vulgaris corneae). A well-known, good old variety.

WEGELIN ROSEA.

JAPAN SNOWBELL.

Lilac, Common White (S. vulgaris alba).

— Charles the Tenth. A strong grower, flowers, reddish-purple.

— Josika. Dark purple flowers; fine foliage.

— Golden (S. Aurea). The foliage of this species is remarkably distinct in its golden-yellow hue, producing a fine contrast.


Quince, Japan Scarlet (Cydonia or Pyrus japonica). A fine, hardy shrub, bearing very early in the spring a great profusion of large, handsome, bright scarlet flowers; very showy and desirable. Makes fine, showy hedges.

Rhododendron. It is universally acknowledged to be the finest and most showy hardy plant known. Its large, showy clusters of flowers appear in June and are very beautiful. It succeeds well in a light garden soil, and if some kind of a protection, such as evergreen boughs or cotton cloth, or anything to shield them from the sun in the winter months be given—as the flower buds are liable to be killed in this very changeable climate—you will be well repaid for your trouble. Named varieties with buds, 1 ft. 15; 2 ft., $10; 3 ft., $15.00 per doz.; seedlings raised from the finest hardy kinds, 1 ft. 125; 2 ft., $2.00 per doz.

Snowball (Viburnum opulus stirilis). An old favorite and well-known shrub, very showy and vigorous, bears large, globular clusters of white flowers.

— Japan (V. plicatum). Moderate, upright growth, picturesque, compact habit, brown shoots, solid crinkled, or plicated, rich green leaves, balls of white flowers larger and more solid than those of the common snowball, and hanging boughs on the bush. A remarkably choice and valuable shrub. 75 cts. and $1.00.

Snowberry, White Fruit (Symphoricarpus racemosus). A medium native shrub; flowers small and numerous; berries abundant; snow-white.

— Red Fruit (S. vulgaris). Beautiful from the profusion of its bright red coriaceous berries.

Spirea, Billardii (Spirea Billardii). A strong growing, pink flowered, late blooming species.

— Plum-Leaved (S. Prunifolia fl. pl.). Strong growing, irregular form, small, roundish, shining leaves of beautiful autumn color, flowers double white, and abundant in May. One of the best and earliest blooming kinds.

— Callosa (S. callosa). Japan, Medium size, irregular growth, pink, flowering in late coriaceous during late June.

Syringa, European Fragrant, or Tenth Orange (Philadelphus coronarius). A well-known, very hardy shrub, with showy, white flowers; which are very fragrant.

— Large-Flowered (P. grandiflorus). Large, showy flowers. A valuable variety.

— Golden-Leafed (P. foliis aureis). Has yellow foliage, which affords pretty contrast with other shrubs. 50 cts.

Weigela Roses. A very fine variety, bearing beautiful and showy rose-colored flowers in May; hardy, and easy of cultivation; should be in every collection.

— Variegated Dwarf (W. nana variegata). Dwarf, spreading habit, and possessing clearly defined variegated leaves. Stands the sun well, is bright golden throughout the summer.

— Floribunda. A free blooming sort, with flowers that resemble the flowers of the Fuchsia.

— Candida. A white sort.
Hardy Herbaceous Plants.

Achillea Millefolium (Yarrow). Silvery, fern-like, aromatic leaves, and white or yellow flowers, in flat, one-inch, to two-inch clusters. All summer. Each, 20 cts.; per dozen, $2.00.

— Phlox paniculata, Double (Sweet Clover). Sixteen inches. June to September. A continuous succession of very dainty, pure white flowers, in dense, neat, pyramid-shaped clusters. Very well worth growing, for the many varieties, range from white through various shades of pink and carmine. Each, 20 cts.; per dozen, $2.50.

Anemone Japonica (Wind-flower). Three feet. September to frost. One of the finest of late blooming perennials, of vigorous growth, and producing an abundance of handsome, clear, rosy-red flowers of large size. Fine for cutting. Should be protected by leaves in winter, until well established. Each, 25 cts.; per dozen, $2.00.


— Pulsatilla (Pasque Flower). One foot. April and May. Elegant, upright, candelabra-shaped, deep purple flowers with golden stamens, borne on a leafy stem well above its very pretty, finely cut, dark-green foliage. Each, 25 cts.; per dozen, $2.50.

Aquilegia (Columbine). Too much praise can never be given this class of border plants which, for beauty of flowering, elegance, both in flower and foliage, and exquisite varieties and blending of colors, are unsurpassed. Each, 25 cts.

— Chrysanthemum. Three to four feet. May to August. Flowers of the most intense orange-yellow throughout, with long slender spurs, fragrant, and exceedingly showy. This is one of the finest perennials for the border ever grown, of free habit of growth, handsome foliage, and thus, secure, borne in flat, in rows, and gracefully arching. Each, 30 cts.; per dozen, $2.00.

— Gladiolus. Twelve inches. April and May. An elegant Siberian species with large white flowers, whose sepals are bright lilac-blue, and petals white, while the style is very short, or almost wanting. Extremely pretty. Give a well-drained position. Each, 25 cts.; per dozen, $2.00.


— Valerian. Also. Double flowers in various shades. Each, 25 cts.; per dozen, $2.50.


Campanula (Blue-Bells). Elegant plants, suited for general cultivation. The stronger growing kinds well adapted to rich, sandy loam, while the dwarf alpine kinds are easily managed on the rockery. These are among the most popular of hardy plants, and are most desirable, as they are of free, vigorous growth, healthy, and give most excellent flowering results. Best varieties.

Clematis Davidiana. A stout, robust, graceful perennial, making a top of three feet in height as much in width, with large, roughish, taurine foliage, and its "porcelain blue" blossoms, of the exact shape and size one would expect from the species. The flowers are borne in flat, to ten to twenty in the axis of the opposite leaves, the whole making a round, flat mass of flowers of the rare and very charming shade of blue, and most deliciously fragrant. Strong plants, 25 cts.; smaller, 50 cts.

Coreopsis. A valuable class of medium-sized border-plants of free-flowering, and continuous habit; easily cultivated in common soil, preferring sandy loam.

— Lanceolata (Grandiflora). Two and one half feet. All summer. The finest of the class and one of the most beautiful hardy plants grown, with dark, lanceolate, a close, compact habit of growth, and a continuous succession of the most brilliant golden-yellow flowers throughout of any hardy plant in existence. The flowers are borne on a leafless stem, eight to twelve inches in length, adapting itself admirably for cutting. The flowers, often two inches or more in diameter, usually from ten to fifteen, divided, and are most excellent for bouquets. We offer the true variety, which is very distinct from all other species of the class. Each, 20 cts.; per dozen, $2.00.

Delpthis (Larkspur). Plants remarkable for their great beauty, diversity of shades, and highly decorative qualities. They differ greatly in height, some being as low as one foot, others as high as two feet, and the blossoms of all are most effective, some being dwarf and completely covered with bloom, the principal color being blue, shading from the softest celestial to the darkest purple, while some are all of one variety and of a very decided shade of one color. Each, 25 cts.; per dozen, $1.50.

Dianthus Barbatus (Pink). Sweet William. Eighteen inches. June and July. Although these plants are biennials, yet we raise them in quantity each year from excellent strains of our own selection, which we can recommend. As a free-flowering border-plant, they are easily raised and most satisfactory. Double and single varieties mixed, 15 cts.; $1.50 per dozen.

Galadiaria Blanket Flower. One of the finest of all border plants. Each, 15 cts.; various, very fine, 25 cts.; per dozen, $2.00 per dozen.

Gypsophila Paniculata. (Chalk-Plant). April to June. A dwarf Sunflower, bears at intervals handsome button-like clusters of yellow flowers in an immense open panicle. Much used for cut-flower work. Each, 20 cts.; per dozen, $2.00 per dozen.

Helianthus Multiflorus. (Double Sunflower). Four feet. July to frost. One of the finest of all perennials, with a continuous succession of large flowers, three to four inches in diameter. Strong plants, 25 cts.; per dozen, $2.00 per dozen.

Helianthus. Hollyhock. A stately, showy class of first-class biennials, of earliest culture in any common soil. Their stately habit of growth renders them especially useful for the back of borders, or among shrubbery, where their immense spikes of showy flowers are very effective. Price, single varieties, various colors, each, 20 cts.; per dozen, $2.00; double varieties, various colors, each, 20 cts.; per dozen, $2.50.

Lathyrus Sylvestris var. Platypus (Perennial Pea). Also commonly known as Lathyrus latifolius. June to September. A fine climber, with light-green foliage, and handsome, clear, rose-red flowers, in long-stemmed spikes, borne in profusion at the axis of the leaves, giving a most beautiful result. In the perennial border trained to a low, fan-shaped trellis, a few plants are more ornamental. Each, 25 cts.

— Sylvestris p. albus. White Perennial Pea. Pure white flowers instead of red. A most satisfactory cut flower, in great demand from florists and others. The variety we offer has unusually large spikes, and is most satisfactory. Each, 50 cts.

Pheo, Lato, or Autumn-blooming P. Deglupta. A fine class, varying in height from eighteen inches to five feet, and including all shades and combinations of white, blue, purple, ash, rose, red, salmon, and maroon; often a hundred or more flowers in a dense spike, often a foot long and two-thirds as broad. Blooming from July to October. Of earliest possible culture in all soils, preferring light, sandy, rich loam, in a sunny position. Each, 25 cts.; per dozen, $2.00.

Peyotlal (Few-Flowered) Single Varieties. All showy border plants, with effective foliage and an abundance of showy flowers in their season. For cut purposes they are unsurpassed. We offer the finest plants in any shade of white, rose, or crimson, each at 35 cts.; per dozen, $3.00.

Vinca minor (Myrtle or Periwinkle). June and August. Clear blue flowers. Each, 15 cts.; per dozen, $1.50.
Small Fruits.

We advise sending by EXPRESS in all cases where it is possible to do so, as plants will arrive in better condition than by mail.

**Strawberries.**

**Plants by Mail.**—When ordered to be sent by mail, add 10 cts, for 50, and 15 cts. per 100, to prices fixed, to pay postage. *All these rates, we send 25 mail without extra charge. Grown Strawberries not Mailable.*

**Culture.**—On arrival of plants, unpack them at once, locate in the bunches, "heel" them in the ground or dig their roots in a "muddle," made by mixing earth in water until of the consistency of cream, and lay away in a cool, damp cellar, where they can neither dry nor freeze, until they can be planted in suitable weather. Do not water them before or after the plant is set and soil is firm. If by chance the stock should arrive in a frozen state, bury the package or pone it in a cool place until the frost has been entirely abated by slow degrees. These remarks apply also to other plants, for example, raspberries, gooseberries, currants, and blackberries. Always plant them if well manured and mulched. Avoid planting near trees, as it resists shape. To grow large berries and plenty of them fertilizers must be used freely. Unleaned wood ashes especially fertilizer for the strawberry; ground horn is also excellent. In planting take but few plants from the trench or package at a time, and plant them in the ground. Never plant on a whit day and never plant in freezing weather. Never use manure, but press the earth very firmly about the roots. Should the weather be warm, shade valuable plants for a few days with a handful of coarse litter thrown over each plant, or with hay or straw. In cold or windy weather it is a good plan to cover the ground before freezing weather, and cover each plant with earth, to be removed at the approach of spring. By this method the plants start early, make a strong, green, and healthy, and scarcely one will fail.

For hill culture plant in beds four feet wide, with alleys two feet between them. Plant in each bed three rows of plants fifteen inches apart, and the plants the same distance apart in the rows. For the matted-row system plant in rows three feet apart, and the plants a foot apart in the rows, requiring fourteen thousand five hundred and twenty-five. Each plant is to be supported by a stake, well planted in the ground, and tied to it with a cord. An annual pruning is necessary to keep the berry-fields clean, and to save the fruit from disease. For the best results mulching with some light material is indispensable, which should be applied just as soon as the ground has become slightly frozen, and partially or entirely removed when the ground has become "settled" in spring. It is well for all to plant at least three varieties—early, medium, and late—to extend the season to its full limits.

**Pot-Grown Strawberry Plants.**

Ready by the dozen and 100 after August 1st, and by the 1000 after August 10th. Layer plants will not be ready generally till September 1st, except in a few cases. Will all orders for them as fast as possible.

**Standard Varieties.**

The following standard varieties are *grown in pots* for summer and fall planting at a uniform rate, per doz., $5.00; per 100, $3.00.


**BELMONT.** A strong grower but requiring good soil and culture or it is unproductive and unsatisfactory. The berry is quite distinct, oblong, dark red or almost black, handsomely shaded, with deep crimson flavor, and of firm, nearly consistent texture. A welcome addition to those collections where high quality is the chief desideratum. Late.

**RHODES P.** A fine grower, but very strong on poor soil and yielding fruit even under careless culture. During the past season it has fully supported the reputation fored for size and great yield. The fruit is large, many instances, enormous, and the average is large and handsome. It is exceedingly productive and very valuable for a near-by market. Excellent for the mid-season.

**CRESCENT P.** Very few varieties are so immensely productive as this, and none succeeded better under such general neglect. The plants are most vigorous, and for best results should be platted to suit closely. The berries are of medium size, rather poor quality and a little soft for shipping. Black market color and quite attractive; a profitable variety, but not for market on account of its great productive quality and easy culture.

**CHAS. DOWNING.** A well-known and popular berry of fine flavor, and possessing the general adaptability to all soils and locations. Of late years its foliage has rusted badly, which has impaired its value. It is not productive, but its berries are all early ripening, enormous yield, good size, and bright color.

**BEREWOOD.** Originated in Moline, Ill. One of the best very early berries. It is not only very early but it is immensely productive. The plant is a good, healthy grower, and sends out a large number of runners. The fruit is conical, large, bright red and of excellent quality. Early.

**SANDY.** A very strong-growing plant, moderately productive, fruit large, uniform shape, bright color, and good quality; season late. A cross between Jersey Queen and Glendora. Truly the ideal late strawberry, ripening two weeks after the Sharpless. Midseason.

**MICHIGAN'S PATCH.** Strong, vigorous grower, claimed to be ten days earlier than the Crescent, fully as large and productive, and far superior in quality. Pot grown.

**MINNESOTA P.** Somewhat similar to Chas. Downing, but larger, darker in color, and its foliage does not burn but is clean and healthy. Berries are of irregular shape, ridged and furnished with a pleasing flavor, but soft for distant shipment. Very productive. Midseason.

**HAVERLAND.** (P). This variety succeeds everywhere. For vigorous growth and great productiveness it is probably not excelled. The fruit is large, long and rather light red, moderately firm, of much the same quality as the one from which the plant is derived. It is always bent to the ground with the heavy weight they bear, making this necessary. Pot grown. Price, per doz., 6 cts.; per 100, $5.00.

**CRAWFORD.** The plant is large and stocky, free from rust or blight; it is very productive of large buds and fruit, large, very firm; quality excellent. Pot grown. Price, per doz., 6 cts.; per 100, $7.00.

**JERSEY QUEEN.** (P). Under good culture, and properly fertilized, this is one of the finest and most profitable of the standard sorts, bringing a high price in market on account of its size and beauty, and especially charming in the home garden. The plant is strong and healthy, and, on good soil, productive. Fruit large, bright crimson, moderately firm, of fine quality. Late.

**JESSIE.** Evidently requires rich soil and good culture. We hear conflicting reports concerning its behavior during the past season. At Monmouth the plant grows well; it is fairly productive, and the berries are large, of much beauty and good quality. The foliage yields more to the hot sun of New Jersey and does not successfully withstand drought.

**LOUIS.** Large, conical, regular, bright, crimson color, fine quality. A good grower, and altogether an excellent berry. Midseason to late.

**WHITNEY (No. 2).** A variety that is very likely to supersede the Crescent, which it rivals in yield and excels in size, beauty, and firmness. Quality pleasant; subacid, good. The plant is a vigorous grower, with healthy, thick foliage. One of the few sorts that has sustained the claims made for it by its introducers, and we can confidently recommend it as one of the most promising for a market berry. Early.

**Varieties of Recent Introduction.**

**LEADER.** A large, extremely early berry. It is of fine quality, oblong in shape and very bright crimson in color, prodigiously productive and continues in fruit for a long season, maturing the last berries in the fall. The fruit is large, firm, and rich flavored, with a delicious, strong, fine, very fragrant, making plenty of runners, and showing no trace of blight. We claim all the good qualities for the "Leader," with the added merits of being a large grower and of being a large and excellent berry; with a larger yield of superb in quality and more than three times as large. Pot grown. Price, per doz., $1.00; per 100, $7.50.

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RASPBERRIES.

GUTHBERT, or Queen of the Market. New the most popular of all red Raspberries. Berries large of high, sprightly flavor, canes very strong, with large, luxuriant foliage; ripening medium to late in fruit. Price per doz., 75 cts.; per 100, $4.00.

HANSELL. Fruit medium; crimson, very firm, quality best. Vigorous, productive, and hardy; earliest of all. Price, per doz., 75 cts.; per 100, $4.00.

MARLBORO. Large size, great beauty and firmness. The cane is of strong growth, hardy, healthy, productive, and ripens its fruit early. It makes its entire crop in a short period. Price, per doz., 75 cts.; per 100, $4.00.

TURNER (Southern Thornless). A strong, healthy grower, hardy; bare oak, very prolific, and ripens early; berries of medium size, bright crimson, very sweet and rich. It suckers freely. Price, per doz., 75 cts.; per 100, $4.00.

Cap Varieties.

GREGG. One of the best black caps, late. Fruit very large, of good quality, very meaty and firm; strong growth, exceedingly prolific, valuable for evaporating. Price, per doz., 75 cts.; per 100, $3.00.

SOUHEGAN. Very early, large, handsome, firm; a strong grower, hard; free from rust and all other diseases, and yielding prodigious crops; the cane actually appearing black with the mass of ripe fruit; profitable for drying. Price, per doz., 75 cts.; per 100, $4.00.

GOOSEBERRIES.

DOWNING. Fruit very large, pale green, and of excellent quality, very prolific, and nearly free from mildew. Price, one year, per doz., $1.00; two years, per doz., $1.50.

INDUSTRY. Very large, dark cherry color, delicious quality. The introducer believes it will "revolutionize the gooseberry culture in this country." Unequalled for size, flavor, productiveness, and vigorous growth; free from mildew. Strong plants. Price, per doz., $3.00.

SMITH'S IMPROVED. Large, pale yellow, and excellent quality; vigorous, and exceedingly prolific, free from mildew. Price, one year, per doz., $1.00; two years, per doz., $1.50.

CURRANTS.

Prices, unless otherwise noted, are as follows: one-year-old, per doz., 75 cts.; per 100, $1.00; two-year-old plants, per doz., $1.25; per 100, $6.00.

CREASEY and VERSAILLES. Berries very large, bright, sparkling crimson, very acid; bushes of rugged, vigorous growth, and quite productive. The two are very much alike.

FAY'S PRODIGY. Berries medium in size, in favor it is the most valuable fruit. The disseminator described it as "color, rich red; as compared with the Cherry Currant, Fay's Prodigy is equal in size, both in flavor, color and acidity, and five times as good; and from its long, peculiar stem, less expensive to pick." All who do not plant it are losing golden opportunities to have. One-year, per doz., $1.50; two years, per doz., $2.50.

RED DUTCH. Berries small, but of best quality, and produced in the greatest abundance; the best of all the red varieties for making jellies or wine.

WHITE GRAPE. The largest and decidedly the best white variety, and one of the best of any color for the home garden; bunch large and long; berry large, and of best quality.

Dewberries.

LUCETIA. The finest of its class. The fruit is large, juicy, and handsome. It is a healthy, strong grower, and exceedingly productive; a superb fruit. Per doz., $1.00; per 100, $5.00.

Blackberries.

DORCHESTER. Canes of strong growth, hardy, productive; berries of medium size, glossy black, sweet, and excellent. Each, 10 cts.; per doz., 75 cts.; per 100, $2.00.

EARLY HARVEST. A first-class Blackberry in every respect, earlier than any other of good size, bearing uniformly in size and shape; of excellent quality, prolific, and hardy. Per doz., 75 cts.; per 100, $3.00.

KITTATINNY. Once the most popular of all Blackberries for general planting; berries very large and luscious; canes of strong, erect growth, and productive. Per doz., 75 cts.; per 100, $3.00.

WACHUSETT THORNLESS. Of large size and most delicious quality. Canes of strong growth, with few or no thorns. It requires high culture; of special value at the North. Per doz., 75 cts.; per 100, $3.00.

WILSON JUNIOR. The largest of all Blackberries, and inherits all the good qualities of its parent, the old Wilson; is larger, earlier, and better; is more vigorous, healthy, and prolific; berries sweet and excellent as soon as black; holds its bright color, and carries well to market. Per doz., $1.00; per 100, $4.00.
FRUIT TREES.

Our customers may rely on being supplied with well-grown, strong, and healthy stock of all the leading sorts. Special care has been exercised to ensure correctness of name, a fact of no small importance to fruit-growers. Our stock embraces many other varieties not enumerated on this page, but which we can supply. The actual cost of packing will be added to the prices quoted below.

APPLES.
Plant thirty feet apart each way; forty-eight trees per acre. Prices: Standard, first-class, each 55 cts.; doz., $3.00. Extra size, 50 cts. each.

SUMMER.
- Astrakan Red.
- Early Harvest (Yellow Harvest).
- Nyack Pippin (Summer Pippin).

AUTUMN.
- Duchess of Oldenburg.
- Fall Pippin.
- Fameuse (Snow Apple).
- Baldwin.
- Greening, Rhode Island.
- Hubbardston Neche.
- King of Tomkiss Co., Lady.
- Crab-Apples.
  - For Ornament, Preserving, Jellies, and cider-making.
  - Rydlop.
  - Lady Elgin.
  - Red Siberian.
  - Transparent.

CHERRIES.
Plant Hearts and Bigrarrows twenty feet apart each way. Plant Dukes and Morellos twelve to thirteen feet apart each way. Prices: First-class, each 75 cts.; per doz., $6.00.

HEARTS AND BIGRARROWS.
- Black Eagle.
- Black Tartarian.
- One Transparent.
- Downer’s Late.

DUKES AND MORELLOS.
- Early Richmond (Early May).
- English Morello.
- May Duke.

PLUMS.
The Plum tree loves a strong clay loam, and thrives admirably even in a heavy clay. Plant sixteen to eighteen feet apart each way. Each 75 cts.; per doz., $6.00.

- Bradford.
- One Golden Drop.
- General Hand.
- Green Gage.

- McBride’s Prolific (Brown).
No. 1. Elastic Plant Sprinkler.
This article is made of rubber, with a flat bottom. The cap is of nickel plate, finely perforated, which can be removed if desired. An indispensable article for showering the foliage of plants, thereby keeping them in a healthy condition; sprinkling bouquets, unplucking cabbages, distributing disinfectants, etc. A most useful implement, in two sizes; No. 1, $1.00; by mail, $1.25; No. 2, 50 cts.; by mail, 60 cts.

GOLDMAN'S ATOMIZER AND SPRINKLER.

No. 2. For Flowers, Clothes, Floors, House Plants and Various Fine Sprinkling.
Practical and useful. Throws a uniform spray. Excellent for sprinkling clothes. Unequaled for House Plants and Flowers.

An Atomizer for sprinkling your conservatory, it settles the dust previously swepting. Use a few drops of ammonia in the water, thus leaving the carpet nice and bright.

If any insects are among your plants, put a few drops of ammonia or white-oil soap in the water. By its use water can be thrown on the underside of the foliage as well as on the top. It will kill the insects and save your plants. Excellent for rose-bushes.

By dipping in water white closed, it sets instantly. Ball finely perforated. Will throw a spray ten feet if desired; spray much finer than the rubber sprinkler; appears like a fog and controlled by pressure.

Every Sprinkler is put in a neat box with directions and on receipt of 10 cents we will mail it throughout the United States.

Improved Brass Garden Syringes.
No. 3. American Improved Syringe. Length of barrel, 16 inches; diameter, 1.5 inches. Best plate valve syringe; large size, with one stream and two spray rose, with side pieces on the barrel. Price $0.20.

No. 4. Improved Sprinkling Syringe with a spray rose and one stream rose. Price $0.25.

No. 5. Garden and greenhouse syringe. Length of barrel, 16 inches; diameter, 1.5 inches. Best plate valve syringe, large size, with one stream and two spray roses. This is the size generally used by gardeners and horticulturalists, with side pieces on the barrel. Price $0.50.

The weeder is made with a band which passes over the back of the hand when in use, thus permitting the free use of the fingers to thin out plants or other weeds without the necessity of laying it down. It is small, very light, and so constructed that it gives a draw instead of a side cut. Neatly and strongly made, of the best of steel, and very much liked by all who have used it. Each, 25 cts., postpaid, 30 cts. Per dozen, $2.25.

No. 7. Excelsior Weeder.
A very useful implement for eradicating weeds when first starting into growth, but more especially useful (in our experience) for loosening the soil in borders and beds where a large tool could not be used. Each, 25 cts., by mail, $0.30; per dozen, $2.00.

No. 8. Ollbers.
Useful for transplanting cabbage, cauliflower plants, etc. Steel-pointed, with wood handle. Each, 50 cts.

No. 9. The Improved Knapack Sprayer.
This valuable arrangement, invented by the U. S. Agricultural Department, is used for applying fungicides, such as Bordeaux Mixture, Ame-

ical Compound of Copper and other liquid remedies in a mist-like spray, for the treatment of grapes and other vegetation, for the prevention and cure of mildew, blight, etc. The machine is made entirely of copper and brass, and the chemicals will not corrode or rust it. The atomizer is adapted so a continuous discharge is given. No grape grower can afford to be without it. Price, $14.00. Galvanized iron, $12.

The best implement for applying Hellebore, Slug Shot, Sulphur, Paris Green and other Plant and Insect Powders for the Greenhouse, Or-

chard, Vineyard and Farm. These bellows are made of well-seasoned wood and best quality of leather, and the magazine of double tin, light, durable and handy. Powder in magazine cannot clog. Quantity to be ap-
plied can be regulated at will. Has three different nozzles regulating the direction of the Powder discharged. Price, $3.50 each.

No. 11. Woodason's Bellows.
Woodason's Tangerine Bellows. This throws a spray as fine as mist, rendering the use of strong solutions of Kerosene, Fir Tree Oil, Tobacco Scap and persimmon kills perfectly safe on tender foliage plants, killing the insects without burning the leaves: it also forces the fluids into every crevice, without using half the quantity required by syringe or sprinkler.

Price, Large Size, $2.25; Small Size (for house), $1.25.

Woodason's Double Cone Powder Bellows. This bellows is the best article ever invented for destroying insects in the Conservatory, Garden, or Field; it will kill every bug on one acre of potatoes, under the leaves, as good as on top, in an hour; it will blow powder into fruit-trees. This bellows can be held in any direction without wasting powder, as it re-lects its own supply, and it does not close up. Price, $3.00.

Woodason's Single Cone Powder Bellows. Large Size, $2.00; Small Size, for conservatory and house use, $1.25.

These are made for us, and are strong and durable. They measure four inches across the face, and are fitted for 2 inch hose. Very useful for market gardeners and florists. Each, $2.50.

This Gem Nozzle is one of the most popular hose nozzles made. It will throw a cone or a fine spray, a large or small solid stream, as is desired, by simply revolving the nozzle part way round. Each, 65 cts.; by mail, 70 cts.; 15 per cent.

GARDEN REQUISITES.

Length of Barrel, 12 in.; diameter, 1 in.

Length of Barrel, 12 in.; diameter, 1.5 in.

Length of Barrel, 12 in.; diameter, 1.5 in.

Length of Barrel, 12 in.; diameter, 1.5 in.

Length of Barrel, 12 in.; diameter, 1.5 in.

Length of Barrel, 12 in.; diameter, 1.5 in.

Length of Barrel, 12 in.; diameter, 1.5 in.

Length of Barrel, 12 in.; diameter, 1.5 in.
These are simple in construction, cannot get out of order, and are very durable, being made of brass. We offer Nos. 6 and 7 at $1.00 each.

No. 15. Solid Shank Forged Garden Trowels.
These trowels are forged from steel specially made for the purpose, fully equal in all respects to the best English trowels, and are offered at a much less price. Three sizes: 6 inch, 40 cts.; 7 inch, 45 cts.; 8 inch, 50 cts.

No. 16. Common Garden Trowels.
1 inch, 10 cts.; 6 inch, 30 cts.; 7 inch, 30 cts.; 8 inch, 35 cts.

No. 17. Perfection Revolving Lawn and Garden Sprinkler.
This sprinkler is easily fastened to the hose, and kept in position in the ground by a pin attached to it. By its simple construction it can be used with equal facility on hillside or terrace. Price, $1.00.

No. 18. California Lawn Sprinkler.
The cut shown is a very attractive lawn sprinkler, and one that already has reached enormous sale. The spray thrown by this sprinkler is perfectly uniform. The arms rotate in ball-bearings, and the entire make-up is first-class. Capacity 30 to 40 square feet, according to the water pressure. Price, fitted for 5 1/2 inch hose, $2.50.

No. 19. Climax Spraying Pump.
This pump is made entirely of iron and brass, all parts that have to bear any strain being malleable iron. The legs are made of gas-pipe, and screw firmly into the hose. This pump can be taken apart and shipped in a very small box and easily set up by the purchaser. It can be attached to any kind of vessel or tank by means of our hose connections in ten minutes; or the suction hose can be dropped into a barrel, trough, or cistern with equal success. We sell this pump complete, with sixteen and one-half feet of hose, twelve and one-half feet discharge, four feet suction, two nozzles, and the necessary connections for it, as shown above. We do not fill this barrel or vessel, but merely show it in this cut to give an idea of what we consider a practical manner of connecting it. Any person can operate this barrel and rack, as shown above, in a few minutes. The agitator, the handle of which is shown on top of the barrel, is a very complete and successful thing. It costs $1.00 extra. This pump and connections purportedly constitute the best cheap apparatus for spraying purposes ever put on the market. Price, $15.00.

Little Climax. Similar to the above, only a size smaller. Price, $10.00.

No. 20. Spraying Pump-Tub.
If you had a large, healthy, vigorous trees, producing fair fruit of first quality, you can only do so by carefully guarding against the destructive worm of canker-worms, gypsy moth, codling moth, etc., etc. Our illustration presents our portable garden force-pump, which is for forcing liquids upon fruit-trees, vines, shrubs, bushes, etc., for the destruction of all such worms to foliage and fruit. They are made of brass, which gives them a neat appearance, and which also renders them impervious to the action of acids, etc., and they will not rust nor corrode. With this pump there can be no suction hose, as the pump is placed directly in the water, thus always securing perfect suction. They are fitted with two nozzles, one for spraying out a fine mist or spray, and the other a stream which will reach about thirty feet. The tub which we furnish with this pump is made expressly for the purpose. It will hold ten gallons, and is fitted with a close cover, thus making it safe to use for poisonous mixtures.

Price, complete with three feet of half-inch hose, two nozzles and tub, with special poison mixture sufficient for twenty-five trees, $8.00.

FOR APPLYING PARS GREEN, SLUG SHOT, AND OTHER INSECTICIDES IN THE DRY STATE.

This implement we can confidently recommend to the public as the cheapest and best of its kind now on the market. The cut herewith shows the manner of using it. The long handle is not to be shaken or turned, but you must firmly steady it, and to push the can out over the row when in use. The strap to go over the shoulder we do not furnish, as all farmers have them.

They are light, and can be sent cheaply by express. Each, $1.50.

For washing windows, carriages, foreglasses in clogged watering pipes, paving streets and gardens, sprinkling sidewalks, house plants, lawn shrubs, sprinkling fluids and liquids on trees, shrubs and plants, for making sprays, etc., etc. Nothing can exceed for the purposes which a syringe can be used for in the greenhouse. Throwing six gallons of water per minute with ease makes it invaluable for all kinds of irrigation.

AS A FIRE EXTINGUISHER IT HAS NO EQUAL.

It will extinguish as large as a fire as any portable chemical fire extinguisher that costs six times as much. It has been adopted as a fire extinguisher by the War Department and Harvard College, and is recommended by the Boston Fire Commissioners, Board of Trade, and Board of Underwriters. Price, $5.00.

Rubber and Cotton Hose for Garden, Lawn, and Stable use
The hose we offer is from one of the best manufacturing companies in the country, and prices are as low as those of any other for the same quality.

<table>
<thead>
<tr>
<th>Size (inches)</th>
<th>Price (per foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2</td>
<td>$1.00</td>
</tr>
<tr>
<td>3/4</td>
<td>$0.75</td>
</tr>
<tr>
<td>1/2 extra</td>
<td>$0.50</td>
</tr>
<tr>
<td>3/4 extra</td>
<td>$0.30</td>
</tr>
<tr>
<td>Cotton, rubber lined</td>
<td>$0.25</td>
</tr>
<tr>
<td>Seamless, rubber lined</td>
<td>$0.20</td>
</tr>
</tbody>
</table>

Couplings attached to rubber hose, per set: $0.25

Garden Lines and Reels
Best quality, 110 ft., $1.00; 50 ft., 50 cts. Large reel, $1.00; small, 50 cts.
No. 23. Fumigators.
For smoking greenhouses; self-acting, and may be left with perfect safety; all the materials consumed, and gives off a dense smoke, made of extra-heavy galvanized iron.

No. 1. 24 in. high, holds 1 bush. stems $3.50
No. 2. 24 in. high, holds 3 bush. stems 4.00
No. 3. 26 in. high, holds 1 bush. stems 4.25

No. 24. Double Acting Spraying Pump.
This cut represents our double acting spraying pump, fitted with hose for spraying trees, cotton plants, etc., on a solution of water, or water diluted with Paris Green, or any other poisonous mixture. This pump is especially adapted for diffusing liquids or poisons of any kind upon原文, shrubs, or plants affected locally, where access is difficult, and is capable of doing infinitely more service than any of the smaller and cheaper pumps in the market, as it is of greater capacity, and, being double acting, throws a continuous and powerful stream. These pumps are made with brackets or feet that will fit an ordinary barrel, capable of holding from thirty to fifty gallons. With one of these spraying pumps, etc., this barrel may be placed on a wagon or stone base, and a stream directed from either one or both sides, thus saving nearly one-half of the labor usually consumed in doing the same work. Spray immediately after blossoming with a solution of Paris Green or London Purple, and every pump will save many times its cost. Price for pump No. 2 $1.50, including hose, nozzles, brackets, etc., complete, but without barrel.

No. 25. Elliott's Wheel Hoe.
Light, Durable, and Efficient.
This hoe is designed for use in light or heavy soils, and is constructed so that all of any of the knives can be used as desired for weeding in narrow or wide rows. The best tool for pulverizing the soil we have ever used. They are easily adjusted to any width from four to sixteen inches, so that one or two hoes will do all the work on any farm or market garden. They are very light and durable and cause less fatigue than any hoe. No market gardener should be without one. Each, $6.60.

This cut represents one of the most useful articles of its kind yet invented, which supplies a want that has long been felt. Every one engaged in picking fruit knows the difficulty of detaching the fruit from the branch and depositing it in the basket or other receptacle for subsequent bruising the fruit, and particularly with grapes, for, unless very great care is exercised, each bunch will be more or less injured. It will take the smallest cherry, or hold a bunch of grapes weighing five pounds. For picking oranges, where the branches are full of thorns, it will save many a hard wound. For large pears and choice fruit of any kind it is an invaluable assistant. 75 cts.; by mail, 65 cts.

No. 27. Hazeltine's Hand Weeder.
The blade is solid steel, spring-tempered, seven-eighths of an inch wide, and one-eighth inch thick; sharpened on both sides, and a peculiar apparatus, invented among small plants, onions, carrots, beets, strawberries, sweet potatoes, nursery stock, and all similar plants. 25 cts.; by mail, 30 cts.; per doz., $2.25.

No. 28. Noyes' Hand Weeder.
This is one of the best implements ever invented for assisting where hand weeding is required; light, safe, and remarkably easy to use. Two patterns are manufactured—one, diamond-shaped at its pointed end, the other with a square end. Each 25 cts.; by mail, 30 cts.; per doz., $2.50.

No. 29. Lenox Sprayer.
For Potato-Bugs, Gardens, Cotton and Tobacco Fields, Orchards, Grape and Small Fruit Culture.
Made of best galvanized tin, will not rust, warranted to last many years. The straps are provided with buckles and are adjustable to fit a boy or man of any size. On the left of the machine there is a knob attached to an agitator which mixes the green; while you are operating with the hose in your right hand you can with your left hand occasionally agitate the Paris Green. A man with one of these sprayers will only use one-half the Paris Green that is required by the wisp broom or any other method. No waste whatever. You will only require to take care of this sprayer and keep it in a cool, dry place; then the field, instead of tour by any other method. The most economical and perfect working apparatus on the market. It pays for itself by very little use. Price, $5.50.

No. 30. Cleaves' Garden Trowels.

<table>
<thead>
<tr>
<th>Each</th>
<th>1 inch, Tempered and Polished.</th>
<th>$0.40</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 2</td>
<td>7 inch, Bright Steel.</td>
<td>$0.60</td>
</tr>
<tr>
<td>No. 3</td>
<td>5 inch, &quot;</td>
<td>$0.20</td>
</tr>
</tbody>
</table>

Per 5 cts. extra 5 cts.

No. 31. Sash for Hot Beds.
Best quality, 1% inch, 3 x 8 ft., unglazed, $1.10; glazed, double thick, $2.40; 1% inch, 3 x 6 ft., unglazed, $1.05; glazed, double thick, $2.25.

Hot Bed Mats.
These are made in the best manner, of good straw, and full size and weight, 6 x 6 ft. Each, $3.75; our own make; made for us, $1.50 each. Archangel Mats. Best; each, 75 cts.; per doz., $8.00.

Watering Pots or Plant Sprinklers.
These sprinklers are made of heavy block-tin, painted green, and are the strongest and most durable sprinklers made.

<table>
<thead>
<tr>
<th>Each</th>
<th>1 quart, round, with sprinkler</th>
<th>$0.40</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1 quart, round, with sprinkler,</td>
<td>$1.25</td>
</tr>
<tr>
<td>3</td>
<td>&quot;</td>
<td>$1.75</td>
</tr>
<tr>
<td>4</td>
<td>&quot;</td>
<td>$2.00</td>
</tr>
</tbody>
</table>

Patent Protecting Cloth for Hot-Beds.
LARGELY USED IN PLACE OF GLASS FOR PROTECTING PLANTS IN EARLY SPRING.

The material used in its preparation renders it very tough and durable, prevents it from shrinking, and causes it to be partially water-proof. It is not subject to holes and can be easily mended if any safety is injured; can be sent to sections of the country where it is desired to plant early crops. It is furnished in pieces containing forty yards, one yard wide. Medium grade, per yard, 19 cts.; by the piece, 9 cts. per yard; heavy grade, per yard, 15 cts.; by the piece, 10 cts. per yard. The medium grade is most suitable for general purposes.
No. 32. Arlington Seed Drill.—This Seed Drill is very generally used by
market gardeners in the vicinity of Boston. It has a large wheel, some
twenty-eight inches in diameter, with a broad rim, two and one-half
inches, which prevents its sinking into the muckly earth, and runs so
casually that it can be used all day without fatigue to the operator. It sows
with such regularity, as well as the large seeds, and those
line seeds with perfect regularity, as well as the large ones;
and those
it will not use any other kind. It is made in a strong
and thorough manner, and is very light. Price, $15.00.

No. 33. Mathews.—Our Illustration represents the latest improvement
in Seed Drills by Mr. A. H. Mathews, who has been engaged for more
than twenty-one years in the manufacture of Garden Seed Drills.
It may be used in field or garden, and when in use it opens the fur-
rows, drops the seeds evenly at the required depth, covers it, and
lightly rolls the earth over the seed (causing them to germinate, and
in one great row, all at once operation, with great mechanical pre-
cision. It is well and thoroughly made, and fully warranted to sow
with evenness and regularity, all the different varieties of vegetable
seed, as turnip, carrot, sage, spinach, parsnip, beet, peas, beans,
sugar corn, etc. Price $11.00.

No. 34. Marker.—This implement is one of the most useful tools that the
market gardener has occasion to use. It will mark either ten, twelve,
twenty, or twenty-four inches apart, by simply changing the pins in the
wheel, which are put in with a nut. It requires no fine lines you
are very particular, and will mark as fast as a man can walk. Espe-
cially useful in setting out cabbage, calendula, celery, and lettuce.

Price, $2.50.

No. 35. Hand Plow. This is another extremely useful little implement.
Every person having a garden to care for (particularly those too small to
afford of agriculture) should own one. The mold-board is made of
steel, wearing bright and clean, and makes as perfect work for its size
as an ordinary plow. With its ground can be wholly and thoroughly
turned over, or furrows for planting made; and for after-weeding
it can be most successfully used, turning the furrows inward at one
time and outward the next, and so on. Having thoroughly tested one
ourselves, we are free to say that the quality of this work done by this
little tool is surprising. Price, $2.25.

No. 36. Arlington Slide Hoe. Used by market gardeners for weeding
between rows of onions, beets, and other vegetables that are cultivated
in drills. The knife and plate are made of best steel. Width, 4, 5, 6, 7, 8
and 9 inches. Each, $1.50.


<table>
<thead>
<tr>
<th>Round.</th>
<th>Square.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4 foot</td>
<td>each, 2 cts.</td>
</tr>
<tr>
<td>1/2 foot</td>
<td>2 cts.</td>
</tr>
<tr>
<td>2 feet</td>
<td>2 cts.</td>
</tr>
<tr>
<td>3 feet</td>
<td>2 cts.</td>
</tr>
<tr>
<td>4 feet</td>
<td>4 cts.</td>
</tr>
<tr>
<td>5 feet</td>
<td>4 cts.</td>
</tr>
<tr>
<td>6 feet</td>
<td>4 cts.</td>
</tr>
<tr>
<td>8 feet</td>
<td>6 cts.</td>
</tr>
<tr>
<td>10 feet</td>
<td>12 cts.</td>
</tr>
</tbody>
</table>

No. 38. The "Backyard" Seeder. One of the best Lawn Mowers in the market.
Simple in construction, will not clog, has adjustable handle, is easy to
work, and not liable to go out of order. Made of the best material.

2-inch cut: 8.75 per 100, 8.00 per 1000; 16-inch cut: 10.00.

The Philadelphia Lawn-Mower. That these machines are superior to all
others is shown by the fact that nearly every lawn mower manufac-
turer is making mowers that imitate as closely as possible the Phila-
delphia. We see some of these machines will work satisfactorily for a
season, it is only a short time before they become worthless, owing to
poor material and faulty construction. Genuine Philadelphia mowers
have the name of the makers, "Graham, Emlen, and Passmore," cast
on one wheel, and the words "Philadelphia Lawn Mower" cast on the
other.

No. 39. Glazier's Points. Made of steel wire and galvanized; can be used
on either side of the bar. Price, per box of 1,000, 60 cts; by mail, 65 cts.

Two men can easily carry fifty to one hundred cabbages, according to
size. It can be set down between the rows, and moved from either side.
Each, $5.00.

CUTLERY.

Asparagus Knives. Made expressly for cutting asparagus. Steel strong
and durable. Each, 40 cts.; by mail, 45 cts.

No. 41. Pruning Knives. Each 35 cts. to $1.50.

Budding Knives

Pruning Shears

Eagle Pruning Tool (wood handles)

Rose Pruners

Flower or Grape Gatherers, 6 inch

Vine Scissors, 6 inch

" 7 inch

Grass Shears, 3 inch

" 4 inch

Hedge Shears (pruning motif), 10 inch

Craftsman's Tool

Garden Shears

Lines

Mammoth Master Tape, 40 in.

Thermometers, 8 inch


Pincers for driving points, 48 cts.; by mail, 50 cts.

Rods. For tying, also used extensively in bunching asparagus, beets,
onions, etc., for market. Per lb., 20 cts.; 100 lb., $15.00.

Soft Twine. Five-ply soft hemp twine makes a most excellent tie for all
garden purposes. Very pliable, and ties easily. 1/2 lb., 20 cts.

Wooden Lawn Rakes. These rakes are made in shape similar to the ordinary
lawn rakes, differing particularly in a greater number of teeth, set very
closely together for the purpose of raking clean such material as shorn
grass after cutting with the lawn mower, leaves, sticks, waste, etc.,
be found upon the lawn, garden, and elsewhere. Net price, each, 50 cts.
Grafting Wax. Truebridge's. This wax has been in the market several years. Large quantities of it are annually used, and it gives excellent satisfaction. It is neatly put up in 1/2 and 1 lb. packages. Per lb., 30 cts.

Harshulk Imp.—For glazing greenhouse sash, $1.00.

Cane Make.—Use for grafting and the growth of many people for tying roses, pinks, etc. Length from five to twelve feet, in bundles of one dozen. Per 100 ft., 1 lb., 54 cts.

Standard Flower Pots. Sizes and shapes are adopted and recommended by the Society of American Florists.

These pots are all full inside measurement, height and width, which makes them at least one-fourth larger than the old way of measuring.

They are well made, perfect in shape, with a very much needed improvement in the drainage of water, by being made with a central hole which we should say, with the rim or body of the pot projecting below the bottom, so that when it is set upon any smooth surface there is some space between the bottom of the pot and what it stands upon. The hole in the bottom is then larger than is usually made. The drainage is more perfect, which is a very important matter to the health and vigorous growth of plants.

Breakage is not one-half as great in other plants, the deep rim protecting them from any ordinary hard usage.

<table>
<thead>
<tr>
<th>Pots</th>
<th>Saucers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Per dozen</td>
<td>Per unit</td>
</tr>
<tr>
<td>2½ in. high and width inside</td>
<td>$0.10</td>
</tr>
<tr>
<td>3 in.</td>
<td>2.15</td>
</tr>
<tr>
<td>4 in.</td>
<td>3.00</td>
</tr>
<tr>
<td>5 in.</td>
<td>3.25</td>
</tr>
<tr>
<td>6 in.</td>
<td>4.25</td>
</tr>
<tr>
<td>7 in.</td>
<td>5.00</td>
</tr>
<tr>
<td>8 in.</td>
<td>6.00</td>
</tr>
<tr>
<td>9 in.</td>
<td>7.00</td>
</tr>
<tr>
<td>10 in.</td>
<td>8.00</td>
</tr>
<tr>
<td>11 in.</td>
<td>9.00</td>
</tr>
<tr>
<td>12 in.</td>
<td>10.00</td>
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</tbody>
</table>

Wood Pot Labels.

<table>
<thead>
<tr>
<th>Plain</th>
<th>Painted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Per doz.</td>
<td>Per 1,000</td>
</tr>
<tr>
<td>4 inches</td>
<td>15 cts.</td>
</tr>
<tr>
<td>5 inches</td>
<td>20 cts.</td>
</tr>
<tr>
<td>6 inches</td>
<td>25 cts.</td>
</tr>
<tr>
<td>7 inches</td>
<td>35 cts.</td>
</tr>
</tbody>
</table>

Verbenas Baskets. With adjustable wooden handles, with fastenings on the ends. Will hold one dozen plants. Per 100, $2.00; per 1,000, $18.00.

With wire handles, ready for use; per 100, $2.00; per 1,000, $16.00.

Insect Destroyers.

Whale-Oil Soap. One of the most effective, simple, and cheapest preparations for the preservation of trees, plants, shrubs, vines, rose bushes, and house and garden plants, general, from the ravages of slugs, worms, and various other insects that injure them. It is sold in the form of thick soap, to be diluted with water as required for use; quite weak for ferns and plants, and stronger as the larger parts of the plants may permit. Per ½ lb., 10 cts.; (by mail, 20 cts.); lb. box, 15 cts. (by mail, 30 cts.); 12 lb. boxes, by mail, 80 cts.; 10 lb. boxes, 100 cts.; 100 lb. boxes, $10.00. The first three sizes only are mailable. Directions for use with each package. Special prices will be given for large quantities.

Powell's Guilde Powder.—For Potato Blight. Potato Rot, Grape Vine, Flea Beetle, Potato Bugs, Pear and Cherry Slugs, Codling Moths, Cucumber and Strawberry Crown Borer. Can be used either dry or in solution. Per 25 lb. boxes, 6 cts. per lb. $1.50 per box.

Powell's Copperine.—For Black Rot, Downy Mildew, and Anthracnose of the Grape, Pear Leaf Blight, Pear Scab, Apple Scab, and Powdery Mildew. One gallon can makes 100 gallons wash. $1.50 per can.

Powell's Bordeaux Mixture.—For Black Rot, Downy Mildew, and Anthracnose of Grapes, Potato Blight. (Powdery Mildew, Red or Brown Blight of Cherry, Pear, Quince, and other Fungus Diseases. Per 20 lb. pkg. 50 cts.; per gallon, $1.00.)

Powell's Kerosene Emulsion.—For Plant Lice of any kind, Cabbage Worms, Scale Insects on Apple, Pear, Orange, Lemon, and other trees. Per 6 gal. can, $1.00. Per 5 gal. can, 75 cts. (per quart, 15 cts.)

Powell's Quassia.—This is a Concentrated Fluid Extract Quassia, held in suspension by Whale Oil Soap—adopted and officially recommended by the States and Provincial Governments as a cheap, safe, reliable non-poisonous Insecticide for Hop Lice, Aphids, and all Scale insects; nothing better for Rose Buds and House Plants. Quart Cans, 30 cts. cans, 15 cts. per can. One gallon can (100 gallons wash), $1.50 per can. Two gallon cans (200 gallons wash), $2.50 per can.

Powell's Sulpho-Stearite Powder.—For Lettuce Mildew, Powdery and Downy Mildew of the Grape, Rose Mildew, and other Fungus Diseases affecting plants under glass. Per 25 lb. boxes (used as a dust), 8 cts. per lb.

Morrill's Canker-Worm Exterminator.—A sure protection for fruit and ornamental trees from the ravages of the crab and canker-worm. As easily applied as paint or varnish in 3 lbs. by mixing with one gallon of clean tar paper, six inches in width, securely fastened around the tree four feet above the ground, then covering the paper thoroughly with the exterior of the tree, using a roller, 20 cts. can, 1 lb. cts., 20 lb. cans, 2.50 cts.; kegs, about $2.50 per lb., 9 cts.; bbls., 600 lbs., per bbl., 15 cts.

Spanish Compound.—Largely used in England and in this country for destroying green fly, mildew, mealy, thrips, and other plants. Per box, 15 cts.; by mail, postpaid, $1.00.

If you keep poultry, you know that ninety-nine times in a hundred they are bothered to death with lice. Lice keep the hens poor, will kill the chicks, and reduce the profits. This powder is the only safe and effective. Special prices to the trade. Price, 1 lb. boxes, per lb., 50 cts.; 10 lb. boxes, per lb., 40 cts.; 50 lb. boxes, per lb., 30 cts.; 100 lb. boxes, per lb., 25 cts.

Farmers, Poultry Raisers, Doz. Fanciers, and Sheen Raisers want it.
FERTILIZERS.

Stockbridge Special Manure. The Stockbridge special-complete manures were the original special fertilizers sold in this country, and were originated by Prof. Levi Stockbridge, Professor of Agriculture at Massachusetts Agricultural College. The following are the leading kinds: For Potatoes, Corn and Grass, Small Fruits, Vegetables, Root Crops,Superphosphate, Top Dressing Grapes, and Seeding Down Grass. Price in bags, per lb. 2½ cents; per ton, $8.00.

Stockbridge Special Lettuce Fertilizer. A plant which grows slowly is apt to be tough; one that grows healthy and rapidly will be tender. The reason the Stockbridge Special Lettuce Manure is so effective is that it contains chemical salts that are quickly dissolved and assimilated by the plant, producing a quicker and vigorous growth; in a lettuce plant, not because it is a stimulant, but because it is soluble and easily and quickly taken up by the plant.

We have used this lettuce manure with satisfactory results, and recommend it to market gardeners. Price, per ton, in 250 lb. bags, $10.00; per bag of 100 lbs., $2.25; per bag of 50 lbs., $1.50; per bag of 25 lbs., $1.00.

Bower's Hill and Drill Phosphate. A concentrated general fertilizer. This fertilizer is made for the horticulturist, or for broadcast covering; it may be used in either case to advantage, giving an early and vigorous start. It is composed principally of bone, thoroughly dissolved so as to make it active in all stages of plant growth. Price, in bags, per lb., 2½ cents; per ton, $30.00.

Dissolved Bone Black, containing 16 to 18 per cent. soluble and available Phosphoric Acid. Price, per 100 lbs., $1.75; per ton, $97.00.

Murate of Potash. 89 to 85 per cent. Price, per 100 lbs., $2.25; per ton, $14.50.

Sulphate of Potash. 56 to 55 per cent. Sulphate of Potash, 35 to 40 per cent. Sulphate of Magnesia, and not over 2½ per cent. Chloride. An excellent fertilizer for Potatoes or small fruits. Price, per 100 lbs., $1.75; per ton, $12.00.

Sulphate of Ammonia (Best). White or Gray. 24 to 25 per cent. Ammonia. Price, per 100 lbs., $3.75; per ton, $25.50.

Pure, Fine Ground Bone. This is being more generally used every year, and is one of the best fertilizers to use in the flower garden. In a potting soil it is the finest of all the materials. It is used in the flower garden to produce a good result in the first year, and is good for the finishing up of the flowers in the second year. Price, in Neil boxes, 10 lb. box, 30 cts.; 25 lb. box, $1.00; 50 lb. box, $1.50.

Grape, or Finch Bone. The very best fertilizer for grape vines, fruit trees, shrubs, flowers, and all kinds of plants. The pieces of bone vary from one-fourth inch to one inch in size. Should be used in setting out, mixed with the soil to the depth of a foot or more. Price, in bags or barrels, 2½ cents per lb. and $6.00 per ton.

Guan. Peruvian. Pure Guano is one of the best fertilizers for forwarding crops; specially recommended for gardeners' and drier's use. Price, guaranteed brand, 200 lb. bag, $7.50; per ton, $65.00. Sealed brand, 200 lb., $1.00; 100 lbs., $8.00; 200 lbs., $7.50.

Bradley's Superphosphate. Never fails to give satisfaction when intelligently used. Insures a quick start, vigorous growth, and early maturitv, as well as a largely increase in yield. Price, 400 lb. bags, $29.00; or about 125 pounds, 2 cents per pound; per ton, $50.00.

Kitchen-Garden Fertilizer. Cheaper and more easily applied than stable manure, may be used on all garden crops, and in the flower garden. Clean to handle and easily applied. Price, 25 lb., $1.00, for 300 square feet; 100 lbs., $5.00, for 2,700 square feet; 200 lbs., $8.00, for one-eighth acre.

CANADIAN UNLEACHED WOOD ASHES.

Wood Ashes as a Fertilizer. Good Hardwood Unleached Ashes, from first growth timber, grown on strong land, the soil of which is rich in Potash, Lime, Phosphoric Acid, Silica, Magnesia, and Iron, are confessedly the best of all the natural fertilizers. Manufac-
tured fertilizers are impermanent, unstable, and when used are not lasting, and when used continually they become an injury to the soil, terminating its complete improvement. Unleached Wood Ashes, on the contrary, have a permanent and lasting value, always tending to build up the soil and make it productive for years. Price, per lb., $2.50. Circuits giving full directions for use mailed free to all applicants. Price, per ton or car-load, will be given upon application.

Medium Yorkshire Pigs.

Having been a breeder of swine for the past thirty years,—and having tried nearly all the different breeds that have been so highly recommended during that time,—I am fully convinced that the Medium Yorkshire are by far the most profitable for market and for feeding purposes. They have a much more compact and improved appearance. They have small heads, large shoulders, fine form, very quiet, and easily kept; on fat out in the open, are very cheerful, and when dressed at twelve months, 300 lbs.; in 15 months, 400 lbs. They will be carefully boxed for safe transportation with extra feed where necessary, and delivered to the express in Boston, upon the receipt of the prices quoted.

<table>
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<tr>
<th>Barrows, 6 to 7 weeks old</th>
<th>$5.00</th>
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<tbody>
<tr>
<td>7 weeks old</td>
<td>$6.00</td>
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<tr>
<td>8 weeks old</td>
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<tr>
<td>9 weeks old</td>
<td>$8.00</td>
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Special prices will be given where a large number is required.
A few moments attention given these illustrations will convince all who feed Horses from the feed bag, that the claim made for this bag is modest, and backed by good common sense. The important advantages in its favor is the fact that no feed can be wasted, while the Horse can breathe with it on just as freely as he could with it off. This is humane. The Horse cannot grandamize his feed; he must eat gradually, as the feed comes to his mouth in just the right quantities, and without any arrangement for raising and lowering the bag. The feed is above the Horse's mouth and nostrils, so that he cannot breathe or slobber in it.

See sectional view showing the bag cut in halves. F. Space for Horses head. B. Place to turn in feed. A.A. Feed. C. Feed running down into catch basin. D. Basin. E. Screen, or air space.

This bag is light and durable, and can be packed in a small space.

**PRICE, $2.50.**

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<td>CaladiumEXAMPLE</td>
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<td>Dianthus</td>
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**PERFECTION FEED BAG.**

**PATENT APPLIED FOR.**