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DREER'S
GARDEN: CALENDAR
For 1888.

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For Comfort and Convenience, for luxury even; it is to express Civilization and Taste and Design, and to foster the Refinement of our Natures.

In planning it, beauty of form should always be kept in view; for as in a work of art beauty of form is superior to coloring, as it betokens a deeper acquaintance with principles, a higher refinement, so in gardening shapeliness is superior to quantity, and gracefulness of outline to meaningless groups of color. By this we do not in any sense mean that color should be discarded; for beauty of tint and tone are necessary adjuncts of comeliness of form. As a general thing the delicate shades of pink and white, pale blues and greens, and the softer shades of crimson and scarlet are more expressive of beauty than the positive colors.

Gardening requires talent, the knowledge of the beautiful, the harmony of color, and the ability to grasp ideas and work them out so that the desire may pass from inception to fulfilment. The “styles” of gardening may be stated as three: The Geometrical or Italian, as it is called from its adaptation to Italian forms of architecture; in this style the terrace plays a prominent part, as it can be used most successfully in hilly situations. The “Picturesque,” which is almost letting nature alone, or aiding her in intensifying sharpness of detail or raggedness of outline, and is only suitable for rough and hilly sections. Loudon has aptly called the last form the “Gardenesque,” for in it are shown varied tastes and methods, the individual preferences which take precedence of style, and which add, after all, the greatest charm to the garden, for they are the most natural. To this latter class belong the groupings of small shrubbery, the beds of perennials, which delight by their apparent disorder, the mixed borders which constantly present a change from grave to gay, from beauty of form and color to that which presents an appearance which would be ill-pleasing were it not for the single redeeming feature of fragrance which charms all the senses through one. For this style of gardening perennials are admirably adapted, for they combine in a marked degree permanence and beauty. The graceful Foxglove delights in half-shaded situations, such as shrubbery affords, and will be in bloom when the shrubs are rich only in foliage. The pretty, nodding Columbine, with its fairy bells, will lend a charm to the rockery or rough situations on hillsides, as it requires but little soil, and bears drouth admirably. For a distant vista through trees Hollyhocks are indispensable, as they not only add beauty to the scene, but also give a sense of increased distance. Tall, hardy grasses such as the Pampas, Erianthus and Arundos, Castor Oil Bean, Aralias, Palms and Wigandias, properly grouped will give a tropical effect, and transform barren and unsightly views into scenes of beauty and verdure.
Novelties and Specialties

FOR 1888

Dreer's Eclipse Asparagus
(See Colored Plate.)

Beyond question this is the largest and finest Asparagus ever sent out. Stalks frequently measure two inches in diameter and, even when twelve inches long, are perfectly tender when cooked. Its tenderness is ensured by its remarkably rapid growth and remaining in good condition several days after being ready for cutting. Of medium green color, excellent flavor and attractive size, it is destined to become a leading market sort and in large demand for private gardens. Two seasons' trials have demonstrated its value, and we are satisfied our customers will pronounce it a good thing.

Seed, per pkt., 25 cts.; strong roots, $1.00 per 100.

Dreer's Golden Cluster Wax Pole Bean.
(See Colored Plate.)

Further trials have proven all we claimed for this delicious Bean. All who have tried it speak in unmeasured terms of praise. Among many private gardens in this section it will take the place of the Dwarf Beans, as it continues to bear until cut by frost if the first pods are kept picked. In quality, productiveness and all the points that go toward making a good bean this variety excels.

Per pkt., 15 cts.; 2 for 25 cts.; $1.00 per pint.

LOW'S CHAMPION BUSH BEAN.

Excellent as a Shell Bean for summer or winter. The bushes are very stocky and strong in growth, branching from an inch above the ground; leaves dark green and very large; height of plant, fifteen to eighteen inches. The pods, four to five inches in length, are of a beautiful light green color when ready for the table, turning white as they mature, but still fleshy and tender. The pods contain from five to seven large beans of a bright red color and of finest flavor, either green or dry.


EXTRA EARLY LIMA BEANS.

This sort is a valuable addition to the list of Lima Beans, as it is at least ten days earlier than Large Lima. The flavor is all that can be desired and the profusion in which its short plump pods are borne render it very productive.

Pkt., 15 cts.; qt., 75 cts.

WARDWELL'S DWARF KIDNEY WAX BEAN.

Vines of medium size, erect, hardy and productive. Pods long, broad, flat and of a delicate waxy yellow, brittle and entirely stringless. Beans white and a distinct kidney shape. It is very early, of fine buttery flavor, and is destined to become a leading string bean and winter shelled sort. The yield considerably exceeds that of the Golden Wax.

BRUSSELS
SPROUTS.

Sutton's
Matchless.

The leaves of this variety
are smaller than those of
other kinds, are of a pale
green color and stand out
well from the stem. The
buttons are large and solid
and of delicious flavor, and
come into proper condition
for use two or three weeks
ahead of other sorts.
Pkt., 15 cts.; 2 for 25 cts.;
oz., 40 cts.

GOLDEN SELF-BLANCHING
CELERY.

A fitting companion for the White Plume, as it
requires no more labor than that sort and makes a pretty contrast.
The heart is a rich gold yellow, while the outer leaves
are a yellowish white. It is of compact, dwarf habit,
an excellent keeper and of rich, nutty flavor.

ST. VALERY CARROT.

A desirable sort for private or market gardens; being of
rich and attractive color, good size and fine flavor, it will
rapidly find its way into favor. It is very productive and
a good keeper.

Gucumber.

NICHOLS' MEDIUM GREEN.

For early forcing, late sowing for pickling or for ordi-
nary table use this variety will be found useful. It is of a
dark green color, pleasant flavor and very productive.
Cucumber. LONG REMAINING GREEN.

This variety possesses many of the characteristics of the frame sorts. It attains a length of 15 to 20 inches; is of good quality, solid, and has few seeds; medium early and fairly prolific.

Pkt., 10 cts.; oz., 30 cts.

Cory Sugar.

An extra early Sweet Corn surpassing all the other extra earlies in richness of flavor and size of ear. It is five to ten days earlier than Marblehead, and is equally suitable for market or private use.


Early Orange Sugar.

An excellent variety, bearing medium-size ears, of a rich amber color. It is sweet, fine flavored, and in every way a desirable sort.


VOLGA WATER MELON.

A Russian Melon, of excellent quality, perfectly globular in shape, very productive, attaining an average weight of 15 pounds. For private use it should be grown largely, as it is of fine flavor and attractive appearance. The seeds are very small and few in number.


DEFIANCE LETTUCE.

This we consider one of the very best Lettuces ever offered. It is of fine quality, crisp and tender, and remains in prime condition a long time before going to seed. As a summer variety it will doubtless become a standard sort.

Pkt., 10 cts.; oz., 50 cts.

MAMMOTH SILVER KING.

The largest of the White Italian Onions. It attains an enormous size in one season from seed, is of mild flavor, very attractive in appearance, and one of the best keeping white varieties. It requires a rich soil to bring it to perfection.

Pkt., 10 cts.; oz., 40 cts.
LIGHTNING PEA.

A very early Dwarf Pea bearing in great profusion long well-filled pods usually in pairs. The Peas are of a bright green color, well flavored, sweet, and of good size. The plants present an attractive appearance, as they are completely studded with Peas early in the season. For early use in private or market gardens this sort will prove an acquisition.

Pkt., 15 cts.; quart, 40 cts., postpaid, 70 cts.

JAPAN CLUSTER PEPPER.

This variety is evidently a sport from the Chili Pepper. Each branch terminates in a cluster of very conspicuous coral red fruit, which are extremely pungent. The clusters are so numerous that the plant at a short distance appears entirely red. Simply as a decorative plant it will be found very useful.

Pkt., 10 cts.; oz., 50 cts.

CELESTIAL PEPPER.

One of the most remarkable of the productions of the "Flowery Kingdom." The cut gives a good representation of this prolific variety. The pods are borne upright; are conical in shape, and vary in color from creamy white when unripe, to brilliant scarlet when ready for picking. A very pretty decorative plant.


WHITE CREOLE OKRA.

This variety is largely grown in the South and is preferred by many to the green podded sorts, as it is considered to be more tender and of better flavor. The pods are perfectly round, free from ridges, and are soft and velvety to the touch. They are of unusual size and of a creamy white color.

We consider this one of the finest Tomatoes ever sent out. It is of very large size and fine flavored; for slicing it will be found excellent, as it has few seeds and is very solid. The Tomatoes are borne in clusters of 4 to 7, ripen evenly, and remain firm when fully ripe. Of a bright red color free from purple tinge. As a table variety it will meet the views of the most fastidious, and should be largely grown by gardeners who court the best trade.


Ringleader Tomato.

(See colored plate.)

A Tomato of large size and good form; flesh thick, solid and of fine quality; seeds very few; in flavor it is free from acidity, and as a variety for slicing it will be found very desirable. All who saw it in our trial grounds were surprised at its size and productiveness.

Per pkt., 25 cts.; 3 for 60 cts.; 5 for $1.00.

Kaffir Corn.

One of the best things offered of late years for a forage plant. The heads contain small white seeds which make an excellent flour. They are greedily eaten by horses and cattle, and make excellent food for poultry either fed in the grain or ground and cooked. The foliage and stalks make excellent forage.

10 cts. per pkt.; 50 cts. per lb.; 10 lbs., $4.00.
GOLDEN QUEEN TOMATO.

A very handsome new yellow Tomato; resembles the Paragon in size, solidity, and productiveness; in color it is a rich golden yellow, with a slight tinge of red at the blossom end. For preserving this sort will be found invaluable, as the flavor is mild and almost free from acidity, and the flesh very thick.


TOMATO KING HUMBERT.

Strawberry Tomato.

A desirable sort for preserving and for table decoration. By cutting round near the base of the Tomato the whole of the centre can be removed. This is of a delicate strawberry flavor, and is very attractive as an ornament. An excellent preserving sort. 15 cts. per pkt.; 2 for 25 cts.

Chas. Downing Potato.

An improvement on the Snowflake. Eyes few and close to the surface; cooks white, mealy, and is of superior quality; to its fine appearance it adds remarkable productiveness, and as an early sort will take the lead. It is regular in size and form, and promises extremely well as a market sort. Per lb, postpaid, 25 cts.; 3 lbs., 75 cts.; peck, $1.00; bushel, $4.00; by express, 1 peck, 90 cts.

Cardinal Globe Radish.

Of globular shape and brilliant red color, with short top and especially adapted for forcing, as it will stand a large amount of heat without becoming pithy; flesh tender, crisp, and in quality all that can be desired. We can safely recommend this sort for private as well as market gardens. Pkt., 10 cts.; oz., 25 cts.; 1 lb., 75 cts.
TRIUMPH ASTER.
No. 5176. Undoubtedly the most beautiful and perfect of the Dwarf Aster. Comes perfectly true from seed and attains a height of 7 or 8 inches. The individual flowers measure from 2½ to 3 inches across and are of the most faultless Peony-form, all petals being beautifully incurved. The color is peculiarly rich and brilliant; when beginning to bloom it is a pure scarlet, but when in full bloom it changes to a magnificent satiny deep scarlet, presenting thus, with these two brilliant colors, a lovely sight. It produces its flowers in great abundance; each plant bears at least 30 to 40 flowers of exquisite beauty.
Per pkt., 35 cts.; 2 for 60 cts.

ASTER CRIMSON BALL.
No. 5206. A fine addition to the list of Asters. It is of a bright crimson color, dwarf habit and admirable as a pot plant.
Per pkt., 20 cts.; 3 for 50 cts.

CANNAS.
CROZY'S NEW DWARF.
No. 5402. This strain comprises only dwarf sorts which attain a height of 3 to 4 feet. For planting in centers of Colens beds they are desirable, as they do not grow too high and present in season a rich mass of bloom.
Per pkt., 15 cts.; 2 for 25 cts.

COMET ASTER.
No. 5172. A new and beautiful class, forming fine, regular pyramids 12 to 15 inches high and covered with large double flowers. In shape they resemble a large-flowered Japanese Chrysanthemum, the petals being long and twisted or curled and wavy.
The color is a lovely delicate pink bordered with white.
Per pkt., 50 cts.; 2 for 75 cts.

BLUE BELL.
Campanula Magnifica.
No. 6210. A beautiful new Campanula from Buchara. It forms a bush 4 to 5 feet high, covered with large bell-shaped flowers of a rich dark blue shading to lilac. To our list of perennials it will be a useful addition.
Per pkt., 30 cts.; 2 for 50 cts.
COSMOS HYBRIDUS.

No. 5652. A charming autumn flowering plant, requiring treatment similar to the Dahlia. The flowers are borne profusely in loose clusters and present a charming appearance. Seed should be sown early in spring and the plants transplanted in the open border when danger from frost is past. It begins blooming in July and continues till cut down by frost. For planting in shrubbery it will be found very valuable.

Per pkt., 25 cts.

CASTOR BEAN.
QUEEN OF CAMBODIA.

No. 6476. Its eminently ornamental properties entitle it to a place in every garden. The main stem and leaf stalks are shining ebony, leaves large, regularly divided and richly colored. The foliage assumes different shades as the plant increases in size, so that very striking effects may be obtained when planted in groups.

Per pkt., 25 cts.

DAHLIA GRACILIS.

No. 5691. A lovely strain of Dahlias which presents an endless variation of coloring. The flowers are beautifully striped and completely cover the plants. They bloom the first season from seed and will prove one of the most satisfactory of the new offerings.

Per pkt., 20 cts.; 3 for 50 cts.

FORGET-ME-NOT.
Myosotis Alpestris.
VICTORIA.

No. 6128. Of stout and bushy habit of growth, bearing umbels of large bright azure blue flowers, with central double blooms. The plant attains a height of 5 to 7 inches, with a diameter of 8 to 10 inches, and when fully grown is quite globular in shape, and perfectly covered with flowers. Taking into consideration the length of time which it remains in bloom, the utility of this beautiful Forget-me-not for carpet bedding, edgings, and masses, and for growing in pots for market, as well as for cutting, becomes at once apparent.

Per pkt., 25 cts.

Japanese HOP.
(HUMULUS JAPONICUS.)

No. 5658. A very ornamental and extremely fast growing climbing plant. The foliage resembles in shape that of the common Hop, is very dense, and in color a lively green. A valuable feature of this new climbing plant is, that it can be sown in the open ground in spring, and attain a large size in a very short time. Undoubtedly one of the best climbers for covering verandas, trellises, etc., never suffering from the heat like many other climbing plants, but retaining its fresh color until late in the autumn.

Per pkt., 15 cts.; 2 for 25 cts.
POMPONE JACOBEA.

(SENECIO POMPONIUS PL. PL.)

No. 6348. The flowers are of a fine lustrous purplish red, perfectly double and imbricated. The richness of color and uniformity of growth render it very serviceable for edging or carpet bedding.

Per pkt., 25 cts.

MALLOWs.

(HIBISCUS HYBRIDUS.)

No. 5941. One of the most desirable perennial plants lately brought to notice. The flowers vary in color from pure white to deep rose, and are from 6 to 8 inches in diameter. The plants average 6 feet in height, and present a mass of bloom from early in July till late autumn. Flowers the first season from seed.

Per pkt., 15 cts.; 4 for 50 cts.

MIGNONETTE.

BIRD’S MAMMOTH.

No. 6006. A profuse flowering, very fragrant Mignonette, bearing long and thick spikes. For florists or growers for market, this variety is specially adapted.

Per pkt., 15 cts.; 2 for 25 cts.

MIGNONETTE.

GIANT WHITE SPIRAL.

No. 6007. A pure white variety, exceedingly fragrant, and bearing long spikes of bloom. The habit of the plant is struggling, but its charming fragrance well offsets this fault.

Per pkt., 15 cts.; 2 for 25 cts.

MOON FLOWER.

(IPOMEA NOCTIFLORA.)

No. 5967. The seed we offer of the Moon Flower is true, and not Ipomea Bona Nox, which is of a pale lilac color. It is a very rapid growing vine, and will easily cover a surface of 25x40 feet. At night and during dull days the plants are covered with large, pure white fragrant flowers 5 to 6 inches in diameter.

Per pkt., 25 cts.

LOBELIA PRIMA-DONNA.

No. 6032. A charming novelty. In habit it is very dwarf and compact, with rich velvety crimson maroon flowers, equal in size to those of Lobelia Speciosa, thickly studded all over the plant, which give it an effect that is both beautiful and unique.

Per pkt., 15 cts.; 2 for 25 cts.
Yellow Larkspur.  
*(Delphinium Zalil).*  
No. 5707. A novel color among Larkspurs; the individual flowers are nearly as large as a 25 cent piece, are of a bright sulphur yellow, and are borne on spikes 8 to 16 inches in length. As many of the flowers expand at one time, they show their beauty to advantage. Flowers from May to August.  
Per pkt., 40 cts.; 2 for 75 cts.

Rody Scarlet Larkspur.  
No. 5712. An effective novelty, which will be gladly welcomed by all lovers of this class of plants. Its season of blooming lasts till late autumn. Its color it is a beautiful shade of rosy scarlet; flowers of good size, and borne on long spikes.  
Per pkt., 35 cts.; 2 for 60 cts.

Phlox Drummondi.  
Star of Quedlinburgh.  
No. 6351. Of dwarf habit, bearing very pretty star-like flowers; varying in color from violet blue to deep purple margined with white; the edges are slightly fringed.  
Per pkt., 30 cts.

Phlox Drummondi.  
Coccinea Fl. Semipleno.  
No. 6353. The plants grow more compact than the single flowered, while the trusses and the individual flowers are equal in size to those of the dwarf compact varieties. The doubleness of the flowers is formed by an addition of 4 to 6 petals in the middle or tube of the flower, which, according to the weather, is sometimes more or less dense; it also happens that double and single flowers are found in one truss.  
Per pkt., 20 cts.; 3 for 50 cts.

Phlox Drummondi Grandiflora Stellata Splendens.  
No. 6337. The Grandiflora Splendens is generally admitted to be the brightest colored and most effective of all the Large Flowered Phloxes. This sort combines all the good qualities of the grandiflora section, with the addition of a clearly defined pure white star which contrasts strikingly with the vivid crimson of the flowers.  
Per pkt., 15 cts.; 2 for 25 cts.

Double White Phlox Drummondi.  
No. 6354. A profuse bloomer, and of great value for bouquets, as it blooms at a season when white flowers are especially desirable. About 80 per cent. of the seed sown will produce double flowers.  
Per pkt., 20 cts.; 3 for 50 cts.
PRIMULA OBCONICA.

No. 6423. A profuse blooming Primrose bearing on long stems heads containing 10 to 15 flowers. It thrives in a cool house, and will grow in favor with those desiring plants that will grow easily. The flowers are pure white, shading occasionally to lilac, and have the true Primrose fragrance. In bloom nearly the whole season.

Per pkt., 50 cts.

POPPIES.

SNOWDRIFT. No. 6377. Flowers pure snow-white, very double, of large size and perfectly round. This is the very best double white variety yet offered.

Per pkt., 10 cts.

CRIMSON KING. No. 6378. Brilliant crimson flowers, perfectly double and round as a ball. A charming effect can be made by sowing this variety and Snowdrift together. Per pkt., 10 cts.

ZINNIA ROBUSTA PLENISSIMA.

No. 6784. The flowers are 5 to 6 inches across, perfectly formed, very double and of striking colors. The plants grow to a height of 3 feet and remain in bloom a long time. This sort is unusually robust, and is the forerunner of a grand flowered section.

Per pkt., 15 cts.; 2 for 25 cts.

Zebra Zinnias.

No. 6791. This strain presents a new departure in Zinnias. The flowers are variously mottled and striped and include many shades of red, yellow, white, scarlet, etc. The colors vary on each plant and present a peculiar and picturesque display.

Per pkt., 15 cts.; 2 for 25 cts.

NEW MAMMOTH VERBENA

No. 6797. The seed we offer is the true Mammoth and not the large-flowering German variety. Until this season it has been impossible to offer the true sort, as the seed saved last year was very limited. The flowers are very large, of brilliant colors and have large, distinct eyes. We consider the Mammoth Verbena one of the very best new things offered for many years. In coloring they excel the old varieties, are of vigorous habit and free blooming, and are the most attractive of the class.

Per pkt., 25 cts.; 5 pkts. for $1.00.
No. 6238. This strain comprises a beautiful collection of colors and markings. In our trials it stood far ahead of all others, and we are confident it will prove satisfactory for perfection of form, firmness of texture, freedom of bloom and elegance of coloring. Florists and amateurs desiring charming "show" flowers should not neglect the strain herein offered, as it is the result of many years' careful selection and hybridization, and embraces all the attractive features that tend to make the Pansy the people's flower. To prevent failure we offer the following method for sowing the seed: Select a good piece of ground, dig and rake thoroughly and evenly, scatter the seed on the surface and cover thinly by sieving over it some rich soil, pat gently with a piece of board or the back of a spade, give a thorough watering and shade during the middle of the day.

Per pkt., 50 cts.; 3 for $1.25.
**Verbena Compacta, Snowball.**

No. 6711. This variety, as indicated in the cut, grows into a compact bush instead of being of straggling habit. For planting among Phlox and other bushy plants it will be found invaluable. The umbels are large and bear medium-sized pure white flowers. As it can be kept down to a height of 5 or 6 inches, it will doubtless prove of value as an edging plant.

Per pkt., 35 cts.; 2 for 60 cts.

**PANSY.**

**Little Red Riding Hood.**

No. 6229. A brilliant red flowering variety possessing sterling merit. The flowers are of large size and perfect in form. In color it surpasses all other red sorts, and is in all respects the best of its class.

Per pkt., 50 cts.; 3 pkts. for $1.25.

**POMPONE ZINNIAS.**

No. 6783. Excellent Zinnias, differing from the older ones in habit of growth and the immense size of their perfectly-formed very double flowers of various striking colors. The plants are dwarf and bloom freely during a long period. Being of great consistency, the flowers are not injured by heat and remain in good condition for several weeks.

Per pkt., 10 cts.; 3 for 25 cts.

**PEARL BUSH.**

*Exochorda Grandiflora.*

The flowers are borne in slender racemes of 8 or 10 florets each, on light and wiry branches that bend beneath their load of bloom just enough to be airy and graceful. The petals are pure white, the calyx shows a small dot of green in the centre of each flower, while the unexpanded buds are like small round beads of pearly whiteness. It bears some resemblance in size and appearance of flower to Mock Orange, but the flower spikes are longer and borne on slender branches, giving a graceful appearance to the bush. It will become one of the most popular of our hardy flowering shrubs as soon as its merits become known.

First size, 50 cts. each; $5.00 per dozen.
Second “ 25 “ “ 2.50 “
ABUTILON, GOLDEN FLEECE.

A bright golden yellow Abutilon of strong, vigorous habit and very free flowering. While yellow sorts heretofore offered lacked richness of color, the variety now offered combines large size, fine form, and depth of coloring. Plants are symmetrical in growth and form perfect pyramids which are covered with bloom during the season.

25 cts. each; $2.50 per dozen.

BEGONIA.
SEMPERFLORENS GIGANTEA.

The flowers of this new sort are brilliant carmine red and are borne in large panicles. It is one of the best of the new Begonias and possesses vigorous habit. The flowers are unusually large and brilliant.

35 cts. each; 4 for $1.00.

CROZY'S NEW FRENCH CANNAS.

B. Coseeneaut. Rich deep green foliage, bright orange scarlet flowers; very free flowering.

Felix Crousse. Glaucous green foliage; large coppery red flowers.

Francis Morrell. Narrow green foliage; large rosy carmine flowers.

Guillaume Couston. Golden yellow, spotted violet crimson, dwarf compact habit; very free.

Henry Martin. Orange scarlet; extra large flowers; foliage dark green.

Hippolite Flandrin. Extra large bright salmon flowers; foliage light green.

Revol Massot. Blue green foliage; flowers crimson, shaded orange yellow.

75 cts. each; set of seven, $3.50.
The three climbing plants offered are in every respect desirable for summer decoration. Being of rapid growth, they will speedily cover an arbor, trellis or veranda and greatly enhance the appearance of garden and house. Ipomea Leari is a magnificent Morning Glory, bearing deep azure blue flowers, 6 inches in diameter. It is a profuse bloomer and of a lovely color. Among Morning Glories the distinct and pretty Ipomea Palwata (Mexicana) takes a leading place, as its flowers, which are large and of a purplish rose color, remain open several hours and do not wilt as soon as the sun shines. Being tuberous-rooted, it may be wintered like a Dahlia and improves from year to year in the quantity of bloom. Passiflora Pfordtii we consider the best for outdoor culture among the tender Passion Flowers, as it is far ahead in blooming qualities and vigor of growth. Its beautiful flowers are borne freely, are of a rich shade of blue, suffused with rose, and are possessed of a spicy fragrance which adds greatly to their charms. For summer climbing plants of sure and easy growth the three varieties herein offered are hard to equal. The set for 75 cts.; 2 sets for $1.25.

DOUBLE VERBENA. VICTORIA.

This is the first departure toward double Verbenas. The flowers are a rich deep glowing scarlet and show clearly a double form. The trusses are of medium size, but owing to the rich color appear larger than they really are. Its rich and lovely color will render it a favorite. The plants are of good habit and bear their attractive flowers in profusion.

25 cts. each; 5 for $1.00.

IMPATIENS HAWKERII.

A native of the South Sea Islands. The magnificent flowers are very large, flatly expanded and of the most brilliant rich deep Carmine color, relieved by a lustrous blush tinge round the small white eye. The blooms of this superb new Impatiens are produced in the greatest profusion from March until October. The plant is of free growth and good habit and cannot fail to become one of the most useful of decorative plants.

50 cts. each; 2 for $1.00.
DREER'S Garden Calendar

FOR 1888.

A GUIDE TO THE SUCCESSFUL MANAGEMENT OF THE

Flower and Kitchen Garden

1838 – 1888

50th YEAR.

HENRY A. DREER.

SEED and HORTICULTURAL WAREHOUSE,

No. 714 CHESTNUT STREET,

SEED FARM AND PLANT HOUSES,

RIVERTON.

PHILADELPHIA, PA.
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ILUSTRATED DICTIONARY OF GARDENING.

The best work that has appeared for many years on plants. It brings information on the subject down to the latest date, is neatly printed and fully illustrated. As a book of reference it will be found of value both to the professional florist and amateur. Per set of 7 volumes, $22.00.

DREER'S BOXES OF VEGETABLE SEEDS.

For the convenience of customers unfamiliar with the best varieties of vegetables, we have put up in these assortments the most useful sorts for a succession of crops throughout the season. The Twenty-Dollar Boxes contain a supply for 15 to 20 persons. As these assortments are put up ready for shipment, no changes can be made in quantities or varieties. No. 1, $5.00. No. 2, $10.00. No. 5, $20.00.

DREER'S MIDSUMMER LIST of Strawberries, Plants, Vegetable and Flower Seeds suitable for midsummer use, will be issued in July. Copies mailed post-free on application.

DREER'S BLUE CATALOGUE, containing a list of Hyacinths, Tulips and other bulbs and plants, will be ready in September and will be mailed to our customers without notice. Book list mailed free on application.
DIRECTIONS TO CORRESPONDENTS.

Philadelphia, January 1, 1888.

The attention of our customers is respectfully called to the following instructions, which will, if followed, be an aid to purchasers as well as ourselves. The seeds we offer have been carefully selected, and are from the best growers in this country and abroad. Our plant stocks are in excellent condition, and cannot fail to be satisfactory in every way:

POSTAGE PAID.—We deliver, postage paid, to any Post Office in the United States, Vegetable and Flower Seeds, in Packets and Ounces, when ordered at Catalogue prices. We also deliver, postage paid, to any Post Office in the United States, Plants and Bulbs at Catalogue prices, except where noted.

POSTAGE TO REMIT.—As prices of seeds in one-quarter pound lots and upward are figured without delivery charges, it will be necessary for customers to remit for postage, when ordered to be sent by mail, at the rate of sixteen cents per pound, or thirty cents per quart, in addition to price.

EXPRESS.—It will be very much cheaper to the purchaser if goods are ordered to be sent by Express or Freight at their expense, when desired in quantities of pounds, quarts and upwards. In all cases where possible we advise our customers to have their plants forwarded by Express, as larger and finer plants can be sent, and “extras” are added to help defray charges.

FREIGHT.—Fertilizers, Brackets, Rustic Work, Pots, Implements, Insect Destroyers miscellaneous bulky or heavy articles can be sent only by Express or Freight at the purchaser’s expense, except where noted.

PACKING.—No charge is made for boxes or packing, nor for delivery to Freight Depots or Express Offices.

REMITTANCES.—Should be made: by Post Office Money Order or Postal Notes, Drafts on Philadelphia or New York banks, or Express Money Orders. Where it is not possible to obtain these, the letters should be registered. We disclaim all responsibility when remittances are not made as above directed. Postage Stamps will be found a convenient method of remitting for small amounts, and can be used by us to advantage.

CASH WITH ORDER.—Please send money with the order sufficient to cover the whole bill, to facilitate the execution of your orders. During the busy season, to make out bills for customers, charge and in a few days receive the money, make the proper credit and send receipt, requires more work than we can readily perform.

C. O. D.—We decline sending perishable goods Collect on Delivery to distant points unless a remittance be made on account to guarantee the acceptance.

ORDER EARLY.—It will greatly facilitate shipment if orders are sent in early. We aim to send off all orders the next day after receipt, but during the busy season it is nearly impossible—hence the advisability of ordering early.

ERRORS.—We exercise the utmost care in filling orders, striving to do a little more than we offer, yet in the press of business errors sometimes occur, in which event we wish to be promptly notified of the fact, and will make such corrections as will be satisfactory. Please keep copies of all your orders for comparison.

SAFE ARRIVAL OF PACKAGES.—We endeavor to secure the safe arrival of packages of seeds, Bulbs and Plants in good condition in every case. If a package is injured or lost, we will replace it as soon as informed of the fact. Frequently it happens that orders never reach us, or are without signature. When customers fail to receive their packages in a reasonable time, they should inform us, and at the same time send a copy of their order and any other information necessary to trace the goods.

NAME AND ADDRESS.—Please remember to write your Name, Post Office, County and State as distinctly as possible, and apart from the body of the letter, to facilitate execution and prevent errors; also the nearest Express Office, or if on a Stage route, send us special directions, giving us the name of the Express Company delivering goods.

PLEASE USE THE ORDER SHEET, AND WRITE THE ORDERS LEGIBLY, apart from the body of the letter, to facilitate execution and prevent errors; orders for plants should be on a separate sheet; the departments are separate, but shipments of seeds and plants are made in one parcel, to avoid additional Express charges. Address,

HENRY A. DREER,
SEED WAREHOUSE, 714 CHESTNUT STREET,

PHILADELPHIA, PA.

WILLIAM F. DREER,

Lock Box 1618.
It is with a feeling of pleasure as well as pride that we look back to the year 1838, when the house now known all over the land was founded under the name of Hirst & Dreer at No. 97 Chestnut St., Philadelphia, with its nursery at "Woodlands on the Darby road one mile south of the permanent bridge." The following year the firm dissolved, and was succeeded by Henry A. Dreer, a man of stern integrity and of liberal views, who laid the foundation of a business which has steadily grown in influence and prosperity by sending out the best seeds and plants that it was possible to secure at fair prices.

In 1840 our first seed catalogue was issued. This very modest sheet offered a general collection of vegetable, flower and farm seeds. The vegetable list embraced many of the sorts that are offered to-day, showing that the varieties have changed only in the improvement of the strains. The United States Gazette in an editorial in 1842 says: "Mr. Dreer has an advertisement in our columns to-day calling attention to his assortment of garden and field seeds. We feel a pleasure in assuring our readers that they may without hesitation place implicit confidence in Mr. Dreer's recommendations. His assortment, we know, is not excelled by any other in Philadelphia, and from our experience we are fully satisfied of the genuineness and good quality of the articles he keeps on sale."

In 1849 the sending of seeds through the mails was instituted by this house. We copy the following advertisement:

"Flowers for the million. Twenty select and choice varieties of flower seeds of easy culture are put in post paper, each separately and distinctly labeled, with a descriptive catalogue and practical directions for the preparation of the soil, sowing and rearing, and enclosed in an envelope for sending by mail, the whole weighing under one ounce. Will be forwarded to any address upon remitting postpaid one dollar in any funds current here or at the place where sent from." Although this house has the credit of sending out the first combined list of seeds at a reduced price as early as 1849, it has never abused the practice of offering the public worthless sorts at extravagant figures. In 1855 the business was removed from 59 Chestnut street to 117 Chestnut street, below Fourth, the number being afterwards changed to 327, now the site of the Fidelity Trust and Safe Deposit Company. In 1856 the Fejee Island Tomato was sent out by the house as the most remarkable and distinct variety in that day.

In 1861 Dreer's Garden Calendar was first issued. It was 7½x4½ in size, and consisted of 48 pages of printed matter liberally illustrated for the time. In 1863 we sent out the Cook's Favorite Tomato, the best sort that had been placed before the public up to that date. This year is also memorable in the annals of the house as the time that they moved to the premises No. 714 Chestnut street. The steady increase of trade made more room necessary, so that at present the whole of the four-story building which runs through to Bennett street is fully occupied, and the cry still is "more room."

The policy of the house has always been to be as liberal as possible, and to send out only the best. Our knowledge of what is desirable is increased by the demands made and the trials given by our nursery department. Through the kindness of the Hon. Bayard Taylor, who was then Minister to Turkey, we sent out in 1868 the Casaba, or Persian Melon, and Latakia Tobacco. That year the magnificent Musa Ensete, or Abyssinian Banana, was first shown in the
Park Monean, Paris. The next year we introduced it into America, and since then it has been largely cultivated as the most effective plant for sub-tropical gardening. This was followed in 1870 by the introduction of the beautiful Ampelopsis Veitchi, which was sent from Japan to Messrs. Veitch & Sons, London, from whom we procured our stock. This has proved to be one of the most valuable climbing plants ever introduced into America. The Hanson Lettuce and Bastian’s Turnip Beet were distributed by us in 1871. Dreer’s Improved Lima Bean in 1875, of which the American Agriculturist says: “We regard this Bean as one of the most important of the recent contributions to horticulture.” This was followed at a later date by the Giant Red Wax Bean. Dreer’s Golden Cluster Wax Pole Bean, introduced by us last season, is beyond question the best of its class, and we shall the present year offer our Dreer’s Eclipse Asparagus—a variety which we are confident has no equal. Our aim has always been to send out either the best or nothing, and we feel in looking over our past record that we have done our share in the dissemination of reliable varieties.

In December, 1873, Mr. Henry A. Dreer passed away, leaving the business to his son, Mr. William F. Dreer, under whose able management the trade of the house has been largely extended.

Our seed growers are the most experienced that can be secured, many having grown for us for a quarter of a century. They are all experts in specialties, and are situated in localities best adapted to the full development of the varieties grown. The trial system that we employ gives us full assurance that what we sell can be absolutely relied upon. We first supply the purest stock seeds, make a thorough roguing in the field, test the stocks when they are delivered to ascertain germinating strength and then the following season give thorough comparative tests on our trial ground.

Our plant department has steadily increased from the small beginning at Woodlands in 1838. It afterwards was removed to Mantua and Belmont, West Philadelphia, in 1849, where it remained until the improvements of the city compelled us, in 1870, to remove the entire plant business to Riverton, where we have 100 acres at our disposal for seed-growing and testing and the cultivation of plants. Thirty large green-houses, heated by a 100 horse-power boiler, are now not sufficient for our needs. Each house is specially built for the class of plants it contains, and we endeavor to keep all the stock we grow up to the highest standard of excellence. We do not make any misstatement when we say our plant department is the best arranged and regulated of its kind in the country. We extend a cordial invitation to our friends and customers to visit it. Our facilities for growing are extensive, and the constant increase in our business is an evidence of appreciation by our customers.

In making our catalogues it is our aim to give descriptions free from all appearance of outrageousness and to make our engravings as true to type and nature as possible, considering well the fact that a seedsman’s catalogue should be rational in its tone, educational in its matter and as clearly descriptive of the things offered as a limited space will allow. It is our desire to make our catalogue serviceable as a book of reference, true in tone and as clear as possible, so that it will not be simply considered as a book relating only to a passing event.

In conclusion we have to thank our many friends and customers in all parts of this country and abroad for their kind support for so many years. We have the satisfaction of numbering some who have dealt with us during the first half of our business century, and their children and grandchildren have followed the example of their fathers in dealing with a house that has made it a fixed principle never to misrepresent, supply the best at any cost, and do a little better than promised.

HENRY A. DREER,

714 CHESTNUT STREET,

WM. F. DREER.

PHILADELPHIA.
THE VEGETABLE GARDEN.

If practicable, a vegetable garden should have a warm and southeasterly exposure. But when the ground slopes to the north and west, it is important to have the garden located on the sunny side of an orchard or outbuildings. Every person, previous to building, should select the most desirable situation possible for the vegetable garden, as the exposure has much to do with the early maturity of the crops. The soil must be in a friable state to secure the prompt vegetation of the seeds and the proper growth of the plants. Soils are susceptible of alteration and improvement in texture; heavy clays can be rendered open and porous, and light sandy soils may be consolidated and rendered more retentive of moisture.

PREPARATION OF THE GROUND.—To secure a fair return in seasonal crops, for the labor and outlay invested, it is essential that the soil of the Vegetable Garden should be well drained, thoroughly trenched, and enriched by a judicious application of manure. It is still the current opinion, based on experience, that for all purposes well composted barn-yard manure, when available, is the best material; but several of the concentrated manures, now manufactured, are useful and convenient, especially for a succession of crops. A very efficient liquid manure, for promoting the growth of vegetables already started, is made by dissolving one pound of pure lima-wax guano in ten gallons of water; it should not be applied oftener than once a week.

The above illustration represents a satisfactory manner of disposing of different kinds of plants and vegetables, and can be varied to suit the fancy or convenience.

Laying out the ground, a border may be formed around the whole garden, from 5 to 10 feet wide, according to the size of your ground; next to this border a walk may be made from 3 to 6 feet wide, and divide the middle in squares or fancy beds, as may be desired, on the sides of which a border 3 to 4 feet wide may be laid out, in which the various kinds of small fruits may be raised to advantage. The centre beds may be planted with all kinds of vegetables; the outer or fence border, for raising the earliest fruits and vegetables, also serves for raising and pricking out such young plants, herbs, and cuttings as require to be screened from the intense heat of the sun, and the very early vegetables which can be protected from slight frosts.

The mode of laying out the ground is a matter of taste, and may be left to the gardener himself to determine, the form being of little importance in the production of useful vegetables; and it matters not if the ground is laid out in beds of 4 or 10 feet wide, provided it is well worked and kept neat and free of wees.

IMPLEMENT.—The necessary implements to work the garden are a spade, spading fork, shovel, rakes, hoe, trowel, garden-line and reel, watering-pot, wheelbarrow, and combined seed-drill and cultivator; prices of which will be found in the Tool Department of this catalogue.

ROTATION OF CROPS.—As different plants appropriate different substances, care should be taken that deep-rooted plants, such as Beets, Carrots, Parsnips, etc., are not planted successive seasons on the same soil, but should be followed by those plants whose roots extend but little below the surface, such as Onions, Lettuce, Cabbage, Spinach, etc.; plants of the Brassica, or Cabbage tribe, are apt to become diseased at the roots (club-rooted, as it is termed), if too frequently planted in the same ground.

A rotation of crops is as essential in vegetable gardening as in farming.

HOT-BEDS.—There are several aids to the economical management of the garden, which are almost indispensable; one of these is the hot bed for growing early plants or vegetables. A frame, such as is shown in the illustration, may be made of various sizes, according to the size of garden, from two sashes upwards. The sashes are generally made 6 feet long by 3 feet wide, but we consider 4 feet preferable. Use 6 by 10 glass. The entire frame of four sashes is
Remarks on the Failure of Seeds.

From a conviction that the Seedsman's fair reputation is often unjustly damaged through the failure of seeds, we would briefly state some of the causes:

Some cultivators, through ignorance or forgetfulness of the fact that the products of a garden, being natives of various soils and climates, require peculiar management, sow the seeds in the ground at improper seasons. To aid such we have prepared brief directions, founded on practical experience in the vicinity of Philadelphia, where gardening operations are generally commenced early in March. These directions may, however, be applied to all other parts of the United States, by an observance of the difference in temperature. Thus, to the North, the directions for March will apply to April; and at the South to January. February or whatever season gardening operations may commence in the respective States. The early and most hardy species and varieties should not be planted until the ground can be brought into good condition, as some species of plants that in an advanced stage of growth will stand a hard winter, are often cut off by a very slight frost while young, especially if exposed to the sun after a frosty night.

Some species of seed, such as Beans, Beets, Cabbage, Lettuce, Radish, Salsify, Turnip, etc., being from their nature apt to vegetate quickly, are often destroyed while germinating through variations of the weather, and some are liable to be devoured by insects in forty-eight hours after they are sown, and before a plant is seen above the ground, unless a suitable remedy is applied in time to destroy the insects.

Seed Tests.

For the protection of the planter and the benefits of the seller, are made thoroughly before the selling season at our extensive greenhouse establishment, where each variety is subjected to the most critical test, which places us in a position to determine the germinating power.

The trial grounds at our Riverton Farm are devoted to the growing of all new and old varieties, and furnish opportunity for comparison of their relative merits, and we are thus enabled to quickly ascertain, to our customer's interest, which sorts to recommend or discard.

The annual offerings of supposed new sorts are large, but the real increase of standard varieties is comparatively small. Everything that is of any apparent value is bought and subjected to rigid comparison; if valuable, our customers will find it in our next season's catalogue.

The quality and permanency of the novelties we have listed to prove the truth of our claim to many varieties have been put upon the market simply on account of the ignorance of the grower, who supposed he was sending out some new thing because a variety did remarkably well on his soil.

Market Gardeners, requiring large quantities of Seed, will be furnished with special prices on application.
SEEDS.


Collection No. 1. Sweet Alyssum, Peony Flowered Aster, Balsam, Calendula Meteor, Coreopsis, Poppy, Petunia, Sweet Pea, Morning Glory, Four O'clock, Zinnias, Marigolds, Mignonette, 50 cts.

Collection No. 2. Sweet Alyssum, Peony Flowered Aster, Balsam, Calendula Meteor, Coreopsis, Candaftula, Larkspur, Dotted Daisy, Poppy, Salpiglossis, Eldorado Marigold, Sweet Peas, Morning Glory, Large Flowering Zinnia, Four O'clock, Mignonette, Dwarf Nasturtium, Tall Nasturtium, Phlox, Pansy, Portulaca, Tithonia, Calceola, Verbena, $1.00.

Collection No. 3. Sweet Alyssum, Joseph's Coat, China Aster, Quilled Aster, Balsam, Scarlet Cypresse, Calendula Meteor, Coreopsis, Candaftula, Larkspur, China Pinks, California Poppy, Gallantia, African Marigold, Maroon of Peru, Mignonette, Nasturtium, Empress of India, Tall Nasturtium, Pansy, Phlox, Petunias, Portulaca, Poppy Crimson King, Verbena, Eldorado Marigold, Sweet Pea, Mignonette, Brise, Caster Bean, Morning Glory, New Pompone Zinnias, Double Sunflower, $1.50.

Where not otherwise stated the packets contain the best varieties mixed. As these collections are put up specially they cannot be altered. If other kinds are desired they can be selected from our general lists.

PLANTS.

The plants offered below are of small size but of good varieties and in healthy condition. At the prices quoted they will be sent by mail, but the chances of success will be greatly improved if they are sent by express, as the soil is not removed from the roots. When received they should be sheltered from the last chance of frost. If not otherwise stated the packets contain the best varieties mixed. As these collections are put up specially they cannot be altered. If other kinds are desired they can be selected from our general lists.

No. 1. 12 Geraniums of different kinds, $1.00.
No. 2. 12 Tea Roses, the best for summer, $1.00.
No. 3. 12 Verbemas, some with large eyes, 75 cts.
No. 4. 3 Geraniums, 3 Roses, 3 Verbemas, 3 Petunias, $1.00.
No. 5. 3 Begonias, 3 Chrysanthemums, 5 Roses, 3 Geraniums, $1.00.
No. 6. 2 Abutilons, 2 Heliotropes, 2 Roses, 2 Geraniums, 5 Coleus, 2 Carnations, $1.00.
No. 7. 4 Roses, 4 Geraniums, 4 Coleus, $1.00.
No. 8. 12 Coleus, different sorts, $1.00.
No. 9. 6 Gladiolus, 5 Roses, 5 Geraniums, $1.00.
No. 10. 1 Moon Flower, 2 Roses, 2 Geraniums, 2 Abutilons, 1 Coleus, 1 Achyranthus, 1 Heliotrope, 1 Lantana, 1 Petunia, $1.00.

As these collections are made up specially they cannot be changed. If none of these suit, selections can be made from regular lists. As only good sorts are sent, we feel sure that the selections offered will be satisfactory.

T O how many children who read this page will the idea of having a real garden of their own be something new? If you have been among the fortunate ones who have had a little corner which you could call your own, try this coming summer to make it look better than it did last season; for if a long spell of dry weather made your seed start poorly, and heavy rains ruined the plants grow out of shape, the carrots and beets grew crooked, and the cabbage but the coming summer and growing season may bring everything to perfection. If you had no garden last summer, and it is all the more reason to have one, ask for a good piece of ground, and make an attempt at growing something. We shall send out in our children's packages just as large a quantity and the same quality as in our regular packets, and shall as far as possible do our part to make your gardens pretty and successful. Directions for growing each kind of seeds are printed on the packets, and on pages 6, 7, and 46 will be found all the information necessary for seed sowing. To grow Verbemas, Petunias, Asters, etc., early, we shall keep in stock a simple device which will enable you to have plants ready to set out as soon as the frost is out of the ground. If the kitchen window faces south or east, get on the right side of the cook by promising her lots of "early stuff" if she will let you put your seed box there and help you to take care of it. These boxes are made purposely for seed sowing; are covered with a pane of glass set in a frame and hinged.

TOOL.

No. 45. Spade, hoe, rake, and fork, $1.50.
No. 50. Spade, hoe, rake, and fork, $1.00.
No. 20. Spade, fork and rake, $1.00.
No. 10. Spade, fork and rake, 50 cts.


English Trowels. Strongly made and will outlast several of the American. Polished, 35 to 50 cts. Unpolished, 25 to 50 cts.


Water Pots. 4 qt., 50 cts. 6 qt., 75 cts.
DREER'S LIST
OF
RELIABLE VEGETABLE SEEDS.

This list comprises all the leading old sorts and those of later introduction possessing sufficient merit to make them worthy of extended cultivation. It is our aim, while trying everything new that is offered, to include in our list only those that are really an improvement on existing sorts.

ARTICHOKE.

Artichoke, GEE. Artichaut, Fr. Alcachofa, Sp.

Sow early in April, in rich soil, in drills 1 inch deep, about 12 inches apart, and thin out the rows to 4 inches apart. When one year old transplant in rows 3 feet apart, and 2 feet apart the rows. Protect during winter with a covering of manure or leaves. The bed will remain in bearing for years.

Large Green Globe. The best for general culture.

Pkt. 10 cts., oz. 35 cts.

Jerusalem. A hardy and productive plant, used for pickling and feeding stock. Strong tubers.

Qt. 25 cts.

Add for postage 30 cts. per qt.

ASPARAGUS.

Sparge, GEE. Asparge, Fr. Esparrago, Sp.

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

Conover's Colossal. One of the best varieties, large and productive.

Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

Philadelphia Mammoth. An excellent variety largely grown in this section.

Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

Two year old roots by express $1.00 per 100, $8.00 per 1000. Add for postage $1.50 per 100.

BEANS.

Bush, Dwarf, or Snap-Short.

Bushbohnen, GEE. Hiricot Nain, Fr. Habas y Frigo-

lenso, Sp.

All the varieties of this class are tender, and will not bear the cold. Plant about the middle of April, if the ground is warm and the season favorable, and at intervals throughout the season for a succession, finishing about the 15th of August. The best mode of culture is in rows 2 feet apart, and the beans 3 inches apart and 2 inches deep in the rows. Keep well hoed, and draw the earth up to their stems, but only when dry; working them when wet with rain or dew will cause them to rust and injure the crop.

GREEN PODS.

Improved Red Valentine Bean.

Improved Early Red Valentine. One of the leading market sorts, pods round, fleshy, tender, remaining longer in green state than most varieties, good for pickling.

Pkt. 10 cts., qt. 30 cts., peck $1.50.

Early Mohawk. The hardiest of the early varieties, and will endure a slight frost; also good for autumn pickling.

Pkt. 10 cts., qt. 25 cts., peck $1.50.

Early Long Yellow Six Weeks. Hardy and prolific as the above, with yellow seed.

Pkt. 10 cts., qt. 25 cts., peck $1.50.

Improved Green Flageolet. One of the best varieties. The beans when cooked retain their green color, are of good flavor, and are borne profusely.

Pkt. 10 cts., qt. 30 cts., peck $1.50.

We pay postage on all seeds ordered by the packet or ounce. On quarter pounds or over, customers must add postage to Catalogue price at the rate of 1 cent per ounce.

Add to price of Beans and Peas 30 cents per quart or fraction thereof, to cover postage.
BEANS.

BUSH OR DWARF—Continued.

Wonder of France. One of the best of the new sorts. Pods large, stringless, and of a bright green color, very prolific. Pkt. 10 cts., qt. 30 cts., peck $1.75.

Early White Valentine. The seed being white, gives it additional value, as it can be used as a snap-short or a winter shelled bean. Pkt. 10 cts., qt. 30 cts., peck $1.50.

White Marrowfat. Extensively grown for sale as a dry bean for winter use, excellent shelled, either green or dry. Pkt. 10 cts., qt. 25 cts., peck $1.25.

White Kidney or Royal Dwarf. A superior kind for baking, and is also excellent when shelled green. Pkt. 10 cts., qt. 25 cts., peck $1.25.

Black Turtle Soup. Used as a winter shelled bean, for which it is much esteemed; it makes an excellent soup, resembling that of green turtle. Pkt. 10 cts., qt. 25 cts., peck $1.30.

GOLDEN PODS.

Black Eye Wax. A cross between the Black and Golden Wax, two favorite sorts in market and private gardens. It is 3 to 5 days earlier than either of these varieties. It is a strong grower, very productive, tender, and of exceptionally fine flavor. The pods closely resemble those of the Black Wax, while the seed beans are marked around the eye with black spots. Pkt. 10 cts., qt. 50 cts.

Golden Wax. Earlier than the Black Wax; pods long, brittle, entirely stringless, of a rich golden color; as a snap-short it excels all others in rich, buttery flavor, while as a bean for winter use it has few equals. Pkt. 10 cts., qt. 40 cts., peck $1.75.

Dwars Kidney Wax. Vines erect and of medium size. The pods, which are long and broad, are of a delicate waxy yellow, and entirely stringless and brittle. Being of fine buttery flavor and a heavy yielder, it will become a standard sort. Pkt. 15 cts., qt. 40 cts., peck, $2.50.

Black Wax. One of the best varieties; pods when fit for use are waxy yellow, very tender, delicious and productive. Pkt. 10 cts., qt. 40 cts., peck $1.75.

White Wax. Pods yellow and of good quality, valued for its white seed as a winter shelled bean. Pkt. 10 cts., qt. 40 cts., peck $1.75.

Crystal White Wax. Waxy, transparent pods. It is stringless, crisp, tender, and of the richest flavor. The pods, though quick to develop, retain their tenerness longer than any other sort. Pkt. 10 cts., qt. 40 cts., peck $1.75.

POLE BEANS.


All under this head require poles 8 to 10 feet long, and should not be planted until the ground is warm, as they are more tender than the dwarf varieties. Plant about the middle of May if the season is suitable. Lima Beans are apt to rot in the ground, and should not be planted until the ground is warm. Set poles 4 feet apart each way, and plant 4 to 6 beans about 1 inch deep around each pole, placing the eye downwards, and thin out to 3 plants to a pole, if the soil is rich; pinch off the ends when the plants overrun the top of the poles, to effect more perfect growth below. They succeed best in sandy loam, with a showelful of rich, light, and well-rotted compost to each hill, well incorporated. Lima beans for early use may be grown in frames and transplanted. The Black and Giant Wax are superior as snap-shorts; pods being tender and stringless.

After another season’s trial we can recommend with even greater confidence Dreer’s Early Golden Cluster Wax Bean. While it is not suited to the far North, owing to the lateness of the season, it is without question the most useful bean introduced of late years for any section south of the Canadas. It is an improvement on all the good qualities of the Giant and Dwarf Wax sorts, and we feel assured it has come to stay. It will be found a desirable variety for the market as well as private gardens, and will meet the approval of all careful growers. It is distinct in seed color and habit of growth. The pods retain their tenerness and pluminess long after the beans have attained a large size, so that only a few days elapse after they cease to be fit for String Beans before they are fit to shell. For quality, we have no hesitancy in saying it is the “Acme of Perfection” among pole beans, combining as it does the flavor of the Flageolet with the crisp tenerness of the Golden Wax. It snaps easily, is stringless,

On Beans, remit for postage 30 cents per quart or fraction thereof, when ordered to be sent by mail.
FOR THE VEGETABLE GARDEN.

POLE BEANS—Continued.

Dreer’s Improved Lima. Very productive and of superior quality; when green they are nearly as large as the Large Lima, thicker, sweeter, more tender and nutritious, remaining green in the pod a long time after maturing. Pkt. 10 cts., qt. 50 cts., peck $3.00.

Dreer’s Improved Lima.

King of the Garden Lima. A vigorous grower, bearing profusely, large pods, varying in length from 5 to 8 inches. The beans are large and of rich flavor. As the vines grow luxuriantly, two are sufficient to each pole. When not too closely planted they set beans early, and continue bearing until killed by frost. Per pkt. 10 cts., qt. 50 cts., peck $3.00.

BEETS.


The soil best suited for Beet culture is that which is rather light and well enriched. Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked; when the plants are large enough thin out to stand 6 inches apart in rows; continue for a succession as late as the middle of July. The Sugar and Mangel Wurzel varieties are grown for feeding stock, and should be sown from April to June in drills 2 feet apart, and afterwards

Extra Early Lima. A very early variety, bearing beans similar in size and shape to Large Lima. The pods are short, plump, and are borne in clusters in profusion; the yield will be found nearly equal to Large Lima, with advantage of being quite ten days earlier. Pkt. 15 cts., qt. 75 cts.

Large White Lima. One of the best varieties either green or dry. This sort is grown in large quantities for market. Pkt. 10 cts., qt. 40 cts., peck $2.50.

Remit for postage on Beans 30 cents per cart or fraction thereof when ordered to be sent by mail. Postage prepaid on packets.
BEETS—Continued.

thinned out to stand 1 foot apart in the rows; keep well cultivated. To preserve Beets during the winter select a dry piece of ground and put about 20 bushels in a pile, covering with sufficient earth to keep out the frost.

TABLE BEETS.

Improved Imperial White Sugar. An improvement on the other varieties of Sugar Beets; more hardy and containing a greater percentage of sugar. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

Lane's Improved White Sugar. This Sugar Beet attains a large size, and grows considerably above the ground; fine for feeding. Cultivated in Europe for its sugar. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

Golden Tankard Mangel. Considered indispensable by the best dairymen, owing to its productiveness and richness in saccharine matter. Deep yellow flesh and skin. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

Golden Yellow Mammoth. A long Mangel, resembling in form and size the Red Mammoth; flesh, leaf stalks and midrib of the leaves golden yellow, flesh rich in saccharine matter. This should be grown largely by all interested in dairying, as it will be found extremely rich in all the elements of high feeding. Pkt. 10 cts., oz. 15 cts., lb. 75 cts.

Mammoth Long Red. Grown extensively for agricultural purposes, producing large roots partly above the ground. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

Postage prepaid on packets and ounces. On ½ lb. and over, remit at rate of one ct. per oz. to cover postage when ordered to be sent by mail.
I. PROD. IN MATCHLESS. 75 FRESH, CAULIFLOWER. CLOSE TRANSPANT GR. EXTRA CABBAGE-FLY, OF BEST LOW GROUND.

MARCH SOW PRODUCES SPARGEL-KOH. PERFORMED DRILLS, IN THE MIDDLE OF APRI., TO THE STEM, IN THE NEXT HEADS OR VERY LARGE LEAVES. SPRouting, IN April, IN APRIL OR EARLY IN MAY, IN SHALLOW DRILLS, 3 OR 4 INCHES APART; TRANSPLANT EARLY IN JULY, IN ROWS 2 FEET APART, AND 2 FEET IN THE ROW. CABBAGE SUCCEEDS BEST IN A FRESH, RICH SOIL, WELL MANURED, AND DEEPLY DUG OR PLOWED. THE LATE PLANTS ARE SUBJECT TO ATTACKS OF THE CABBAGE-BLY, WHICH DESTROYS THEM AS FAST AS THEY APPEAR ABOVE GROUND. VARIOUS REMEDIES ARE RECOMMENDED FOR THE PRESERVATION OF THE PLANTS, SUCH AS SPRINKLING THEM WITH WOOD-ASHES, AIR-SLACKED LIME, PLASTER, OR TOBACCO, WHICH SHOULD BE PERFORMED EARLY IN THE MORNING WHILE THE PLANTS ARE WET WITH DWE.

EARLY JERSEY WAKEFIELD. A FAVORITE MARKET GARDENER'S VARIETY; IT IS VERY EARLY, OF EXCELLENT FLAVOR, OF GOOD SIZE AND SUIT TO HEAD; EXTRA FINE SELECTED STOCK. PKT. 10 CTS., 40 CTS., 1 LB. $1.25.

EARLY FRENCH OXHEART. A FAVORITE VARIETY AMONG THE MARKET GARDENERS, HEADS VERY EARLY, TENDER, AND OF FINE FLAVOR; OUR SEED IS SELECTED FROM EXTRA FINE STOCK. PKT. 5 CTS., 20 CTS., 1 LB. 60 CTS.

EARLY PARIS MARKET. A FEW DAYS LATER THAN THE EARLY OXHEART, BUT OF LARGER SIZE AND LONGER IN SHAPE; ALMOST WITHOUT ANY LOOSE LEAVES. ONE OF THE HEAVIEST CROPPERS AMONG THE SECOND EARLY VARIETIES, AND OF EXCELLENT QUALITY. PKT. 10 CTS., 40 CTS., 1 LB. $1.00.

EARLY WINNIGSTADT. A SOLID AND TENDER VARIETY; GOOD FOR EITHER EARLY OR LATE; IN SOME SECTIONS THE BEST EARLY SORT. DESIRABLE FOR PRIVATE GARDENS. PKT. 5 CTS., 20 CTS., 1 LB. 50 CTS.

DREER'S LARGE EARLY YORK. A SUPERIOR EARLY-HEADING ROBUST SORT, WHICH ENDURES THE HEAT WELL. PKT. 5 CTS., 20 CTS., 1 LB. 60 CTS.

Market gardeners requiring large quantities of seed will be furnished with special prices on application.
Early Winnnstadt

Early Improved Flat Brunswick. The best early Flat Dutch for market gardeners; either as a second early or late sort; short stem, large solid heads; a sure header. Pkt. 10 cts., oz. 30 cts., ¼ lb. 75 cts.

Dreer's Early Drumhead. A favorite with the market gardeners; a second early, large, solid-heading variety, grown with great care for the trade. Pkt. 10 cts., oz. 40 cts., lb. $1.25.

Henderson's Early Summer.

Henderson's Early Summer. A new early variety, with large solid heads, coming in a few days later than the Wakefield, and rarely bursting open when fully matured. Pkt. 10 cts., oz. 40 cts., ¼ lb. $1.25.

Large Early Jersey Wakefield. An extra selected sort, producing large solid heads, of good quality. It is only a few days later than Early Jersey Wakefield, which it excels in size and ability to stand without bursting open. Pkt. 15 cts., oz. 60 cts., ¼ lb. $2.00.

All Seasons.

A new Drumhead Cabbage as early as Henderson's Early Summer, yielding heads from a third to a half as large again. As a rule the earliest cabbages are only good for early marketing; but the heads of this variety, being large and thick through, make it a most excellent variety, either for extreme early spring or fall use. In sweetness, tenderness, and richness of flavor it is very superior, ranking equal to the Oxheart class. Pkt. 10 cts., oz. 40 cts., ¼ lb. $1.50.

Large Late Drumhead. A favorite winter variety with the market gardener. It bears extra large solid heads, and is a little later than the Flat Dutch. Pkt. 10 cts., oz. 30 cts., ¼ lb. 75 cts.

Large Late Flat Dutch. Short stem and large solid flat heads. Our stock has been carefully selected for several years in order to get a Cabbage of this type, and we are confident no better strain is on the market. Pkt. 10 cts., oz. 30 cts., ¼ lb. 75 cts.

Marblehead Mammoth. A large, solid, tender, free-heading winter variety. Pkt. 10 cts., oz. 30 cts., ¼ lb. 75 cts.

When postage on seeds in quantity is omitted, we either forward the seeds by express, or deduct sufficient from order to cover it, as we deem it best for our customers' interests.
FOR THE VEGETABLE GARDEN.

CABBAGE—Continued.


Perfection Drumhead Savoy. Of superior quality; the largest solid-heading Savoy, possessing the rich flavor of the Cauliflower. Pkt. 10 cts., oz. 40 cts., 2 lb. $1.00.

Red Dutch Drumhead. A large heading variety, fine for pickling. Pkt. 10 cts., oz. 30 cts., 4 lb. $1.00.

Early Red Dutch Erfurt. Earlier than the Drumhead, but equally as valuable for pickling. Pkt. 10 cts., oz. 30 cts., ½ lb. $1.00.

CARDOON.


The stems of the leaves, which are thick and crisp, are the edible parts, and are generally used in soups or stews, after being blanched in the same manner as Celery. They are in perfection during the autumn and winter. Sow in April in drills 1 inch deep; when one year old transplant in trenches of well-manured ground, 3 feet apart and 1 foot in the rows; the roots remain from year to year.

Large Solid. The best variety. Pkt. 10 cts., oz. 40 cts.

DREER'S SELECTED DWARF ERFURT CAULIFLOWER.

Cauliflower.


Sow for early use about the middle of September or October, in a bed of clean rich earth. Transplant in frames and cover with sashes and shutters during severe weather, giving them light and air every mild day. When this is not practicable, they may be had nearly as well, by sowing the seed in a hot-bed in January or February, and when the plants are large enough transplant 3 inches apart in boxes or in another hot-bed, until time to plant out. If hardened off, they are seldom injured by planting out, as early as the ground can be properly prepared, 2½ feet apart each way. Keep them well hoed, and bring the earth gradually up to their stems, watering freely in dry weather, and especially when they begin to head. The Cauliflower succeeds best when planted in frames at the close of winter, and brought to maturity before the summer heat sets in. The late varieties mature in the autumn, and are sown and managed similarly to winter Cabbage.

Dreer's Earliest Snow-Storm. The earliest and best of all for forcing. It is dwarf, with short outer leaves, and can be planted 2 feet apart each way; always sure to make large fine heads earlier than any other, and is the market gardener's favorite. This variety must be kept growing constantly, as it will not stand a check at any period of its growth. Pkt. 25 cts., oz. $6.00.

Dreer's Selected Dwarf Erfurt. One of the earliest in cultivation, small-leaved dwarf, for forcing or open ground, producing very solid pure-white heads of the finest quality; about 15 inches high. Pkt. 25 cts., oz. $4.00. This variety succeeds well in cold frames.

Early Dwarf Erfurt. A favorite early market variety, very productive, with large, white, compact heads of good quality. Pkt. 25 cts., oz. $1.50.

We prepay postage on packets and ounces. On ½ lb. and over remit for postage at the rate of 16 cts. per lb.
CAULIFLOWER—Continued.

Early Snowball. An extremely early dwarf variety, producing magnificent white heads of fine quality. Well adapted to hot-bed culture. Pkt. 25 cts., oz. $1.00.

Half Early Paris. One of the popular white sure-heading varieties, either early or late. Pkt. 15 cts., oz. 75 cts.

Algiers. An extra fine late variety, for the market, and sure to head. Pkt. 15 cts., oz. $1.00.

Lenormand's Short Stem. A large, late, short-stemmed variety, with well-formed white heads, of extra quality. Pkt. 15 cts., oz. 75 cts.

Large Late Watchemen. A good old variety, producing large, firm white heads. Pkt. 10 cts., oz. 75 cts.

Veitch's Autumn Giant. One of the finest late varieties, of robust habit, heads large, compact, and thoroughly protected by the leaves. Pkt. 15 cts., oz. $1.00.

CARROTS.


For an early crop sow as soon as the ground is in working order; for a late crop sow in June and July. The large late varieties are suitable for a main crop. Sow in May and June, in drills about 1 foot apart; thin out to stand 4 inches in the rows. The most suitable ground for Carrots is a rich, deep, sandy loam, deeply cultivated, which has been well manured for previous crops.

Early Short Horn Scarlet. The earliest forcing variety, small root and excellent flavor. Pkt. 5 cts., oz. 20 cts., lb. $1.50.

Early Scarlet Horn. The favorite early red summer variety; fine grained and good flavor. Pkt. 5 cts., oz. 20 cts., lb. $1.25.

Early Half-Long Scarlet. A desirable variety between the Scarlet Horn and the Long Orange; early, of fine flavor and good color. Pkt. 5 cts., oz. 20 cts., lb. $1.25.

Early Half-Long Carentan. An excellent scarlet variety, without core, for forcing or the open ground. In flavor and color it will be found desirable for the table. Pkt. 5 cts., oz. 20 cts., lb. $1.50.

Guerande, or Oxheart. Intermediate between the Danvers Half-Long and Short Horn varieties. Of fine quality, and valuable for family and market gardens, as it is of a bright and attractive color, and adds to its other good qualities that of forcing readily. Pkt. 5 cts., oz. 20 cts., lb. $1.50.

Danvers Half-Long Scarlet. A rich orange-red variety, very smooth and handsome, producing very large crops. Pkt. 5 cts., oz. 20 cts., lb. $1.25.

Improved Long Orange. The best late variety, for general field culture. It is an excellent keeper, and retains its bright orange color during the winter. Our stock of this sort is selected with great care, and will be found first-rate in every respect. Pkt. 5 cts., oz. 20 cts., lb. $1.00.

Long Scarlet Altringham. A large, good-flavored field variety, for table use or feeding stock. Pkt. 5 cts., oz. 20 cts., lb. 80 cts.

Large White Belgian. Grows one-third above ground, large white roots, with green top, grown almost exclusively for feeding stock. Pkt. 5 cts., oz. 20 cts., lb. 80 cts.

We prepay postage on packets and ounces. On ¼ lb. and over remit for postage at the rate of 16 cts. per lb.
FOR THE VEGETABLE GARDEN.

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CELEY.


Sow the last of March or early in April, in an open border, in rich mellow ground, in shallow drills, watering freely in dry weather. By rolling or pressing in the seed the result will be more satisfactory than when covered. Cut the tops off once or twice before planting out, to make them stocky. When the plants are 5 or 6 inches high, transplant, the dwarf varieties 3 feet, and the taller sorts 4 feet between the rows, plants 6 inches apart in the rows. Cultivate well, and when large enough blanch by earthing up. The first operation is that of handling; after the soil has been drawn up with the hoe, it is drawn closer around each plant by the hand, to keep the leaves firm in an upright position and prevent spreading, continuing until it is ready to be finally stored away for the winter. The Celery swells like a turnip, and may be preserved in sand through the winter. To store for winter use, select well-drained ground, dig trenches 1 foot wide and deep enough to cover the tops of the plants. Pack the stalks in this in an upright position, covering with boards to shed the water, and in severe weather protect with straw or leaves.

Early Arlington. A variety of the Boston market. It is earlier, of larger growth, does not blight as badly, nor run to seed. We consider it desirable for early growing, as it blanches very easily and quickly. It is crisp, solid and has an exquisitely nutty flavor.

Per pkt. 10 cts., oz. 40 cts., | lb. $1.25.

Improved Golden Dwarf. A variety of great value. In size it is the same as the Half Dwarf White; the heart is large and full, of a golden yellow, except when blanched. It is solid, of excellent flavor, and keeps well. Pkt. 10 cts., oz. 40 cts., | lb. $1.25.

Boston Market. This is a short, bushy, white, solid, excellent flavored market variety, constantly increasing in demand. Pkt. 10 cts., oz. 50 cts., | lb. $1.00.

White Plume. The stalk and portions of the inner leaves and heart are white, so that by tying them up with matting, or simply drawing up the soil against the plant, the work of blanching is completed; while with all the other kinds of Celery, in addition to this, the slow and troublesome process of high "banking" is a necessity. It far exceeds all the other sorts as an ornament, while its qualities are equal to the very best older sorts, being crisp, solid, and having that nutty flavor peculiar to some of the red kinds. Per pkt. 10 cts., oz. 60 cts., | lb. $2.00.

Golden Self-Blanching. A fitting companion for the White Plume, as it requires no more labor than that sort. The heart is a rich gold yellow, while the outer leaves are a yellowish white. It is of compact, dwarf habit, an excellent keeper, and of rich, nutty flavor. Pkt. 15 cts., oz. 75 cts.

Henderson's Rose. In this variety we have a combination of the best qualities of Celery. The red sorts far surpass the white in flavor, and possess in their coloring a feature which renders them valuable as a table ornament. This sort should be largely grown, as it is crisp, nutty and of fine color. Pkt. 10 cts., oz. 50 cts., | lb. $1.50.


Dreer's Large White Solid. Large, solid, blanches perfectly white, of fine flavor, crisp and very tender. Pkt. 10 cts., oz. 50 cts., | lb. $1.00.

Sandringham Dwarf White. White, solid, crisp, of remarkably fine flavor and good qualities. Pkt. 10 cts., oz. 50 cts., | lb. $1.00.

Soup, or Flavoring Celery. (Old Seed.) Used for flavoring soups, stews, etc. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

We prepare postage on packets and ounces. On ¼ lb. and over remit for postage at the rate of 10 cts. per lb.
CELERIAC.
Directions for cultivation same as for Celery, except blanching. Celeriac is cooked and sliced, and used with vinegar, making an excellent salad.

Apple-Shaped. A very fine variety with small leaves.
Valuable for market. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts.

Turnip-Rooted. Large Early Erfurt. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts.

CHERVIL.
While young and tender, used as a salad, and for seasoning soups, etc. Of a pleasant aromatic taste. Sow in May, in drills 1 foot apart and half an inch deep, thinning out to stand one foot apart in the rows.

Curled, or Double. Extra curled moss. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts.

CHICORY.
Sow in April in drills half an inch deep, in good mellow soil, and cultivate like Carrots. Cut up and dry the roots, roast and grind like coffee. Mix about one-fourth of ground Chicory with the coffee before cooking. The plants can be blanched and used as a salad.

Large Rooted. This variety is grown extensively and is considered the best substitute for coffee. Pkt. 5 cts., oz. 10 cts., lb. $1.00.

CORN.

SWEET OR SUGAR.
The Sweet or Sugar varieties being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm, and for a succession continue planting every two weeks, until the middle of July, in rich, well-manured ground, in hills 3 feet apart each way, covering about half an inch, and thin out to 3 plants to a hill, or plant in rows 4 feet apart, and to stand 5 inches apart in the rows.
The field varieties should be planted 4 feet apart each way, leaving 3 plants to a hill.


Remit for postage on corn at the rate of 25 cts. per quart.
CORN—Continued.

Adams' Extra Early. The hardiest and earliest variety for table use, it can be planted earlier than any other, but is not a Sweet Corn; white, indented grains and short ear. Ear 5 cts., pkt. 10 cts., qt. 20 cts., peck $1.25.

Corby. An excellent sort, very sweet, and of rich flavor; desirable for private or market gardens; as it adds to its good qualities that of being one of the very early sweet corn varieties. Ear 10 cts., pkt. 10 cts., qt. 50 cts., peck $1.75.

Extra Early Tom Thumb. One of the sweetest and tenderest of the early dwarf varieties, producing a profusion of good-sized ears in two months from time of planting. Ear 5 cts., pkt. 10 cts., qt. 20 cts., peck $1.25.


Early Minnesota. One of the earliest, habit dwarf, ears small and productive. Ear 5 cts., pkt. 10 cts., qt. 20 cts., peck $1.25.

Stahler's Extra Early. Of larger size than usual for the early kinds. It is remarkable for fine flavor, sweetness and earliness, and is a desirable gardener's and canning variety. Ear 5 cts., pkt. 10 cts., qt. 25 cts., peck $1.25.

Albany. This variety is an important acquisition. It has a large, plump, sweet ear, and comes nearly as early as the Tom Thumb. 2 to 3 ears on stalk, kernels large, plump, white and sweet. Ear 5 cts., pkt. 10 cts., qt. 20 cts., peck $1.75.

Amber Crown. A medium early, vigorous growing variety. The ears are 12 to 16 rowed, white and handsome; it is very prolific, tender and sugary. Ear 10 cts., pkt. 10 cts., qt. 20 cts., peck $1.25.

Black Mexican. A black grained variety, sweet and tender, must be picked young to avoid a black appearance when cooked. Ear 5 cts., pkt. 10 cts., qt. 20 cts., peck $2.25.

Egyptian. A fine large variety, somewhat resembling the Evergreen, flavor peculiarly rich and sweet, and of superior quality. Ear 10 cts., pkt. 10 cts., qt. 20 cts., peck $1.25.

Roslyn Hybrid. A medium late variety, which will yield a heavy crop, producing a large ear, very sweet and delicious. Ear 10 cts., pkt. 10 cts., qt. 20 cts., peck $1.25.

Triumph. Ear large, productive, flavor rich and sweet; a first-rate market variety. Ear 10 cts., pkt. 10 cts., qt. 20 cts., peck $1.25.


Stowell's Evergreen. The latest and one of the sweetest, ears large, deep grained, of excellent quality, remaining green longer than any other variety. Ear 10 cts., pkt. 10 cts., qt. 20 cts., peck $1.25.

Little Gem. A small late variety, very sweet and luscious, especially adapted for family use. Ear 5 cts., pkt. 10 cts., qt. 20 cts., peck $1.50.

FIELD CORN (INDIAN).

Compton's Early Yellow. The earliest variety, ripening in 76 days, producing about 100 bushels per acre, ears long, grain medium, bright yellow and flinty; best adapted for mountain regions and north of Pennsylvania. Dozen ears 50 cts., qt. 15 cts., bush. $1.50.

Cloud's Early Yellow Dent. Early, strong and vigorous, growing from 6 to 8 feet high, producing large, handsome ears, with unusually deep grains. Dozen ears 50 cts., qt. 15 cts., bush. $1.50.

Early Large White Flint. The old Hominy eight-rowed variety; very early, productive, and of good quality. Dozen ears 50 cts., qt. 15 cts., bush. $1.50.

Early Yellow Canada, or Flint. A ninety-day corn, used principally for replanting where the other varieties fail to come up, and then maturing at the same time with the common field varieties: good for northern latitudes. Dozen ears 50 cts., qt. 15 cts., bush. $1.50.

Golden Beauty. Very large handsome yellow grains. The ears are filled out to the extreme end; the cob is unusually small; it matures very early, and its yield is enormous. Dozen ears 50 cts., qt. 15 cts., bush. $1.50.

Blount's Prolific White. (Ensilage Corn.) This variety bears 4 to 6 ears per stalk, grain plump and white; it is very productive, and is also considered the best variety for making ensilage. Dozen ears 50 cts., qt. 15 cts., bush. $1.50.

Leaming Gourd Seed. One of the best and most productive varieties, having very deep grains and hardly any cob. A reliable sort, and one that should be planted largely. Dozen ears 50 cts., qt. 15 cts., bush. $1.50.

Self-Husking. Ears 10 to 12 inches long, cob very small, grains amber-colored. To its productiveness it adds the peculiar quality of growing out of the husk, thereby rendering the labor of husking very little. Per pkt. 10 cts., per qt. 25 cts., bush. $3.50.

White Surprise. The best and most productive White Dent Corn; makes splendid meal for family use. Dozen ears 50 cts., qt. 15 cts., bush. $1.50.

Sweet Fodder Corn. (For Soiling or Ensilage.) Profitable as green fodder, cut when green to feed to cattle. Sow broadcast 2 bushels, and in drills 3 feet apart 1 bushel, per acre. Bush. $2.50.

White Rice Pop. The best variety for parching. Lb. 10 cts., 100 lbs. $8.00.

CORN SALAD. (Fetticus.)

Ackeralat, oder Lammeralat, Ger. Mache, Fr. Cress. Sent 94 and Vostroost, Pr. Used as a salad throughout the winter and spring, and extensively grown for market. Sow in spring, in drills 1 foot apart; it will mature in 6 to 8 weeks. For winter

Remit for postage for Ears of Field Corn 15 cts. each or $5.50 per doz.; Pop Corn, 16 cts. per lb.; Shelled Corn, 25 cts. per quart, in addition to price, when ordered to be sent by mail.
CORN SALAD—Continued.
and early spring use, sow in drills in August and September. Cover with straw on the approach of winter, the same as Spinach.

Large Seeded. Large leaved, the best variety for market purposes. Pkt. 5 cts., oz. 10 cts., 1 lb. 50 cts.

CUCUMBER.

Early Cluster. A very early sort, well adapted for forcing or open ground. Pkt. 5 cts., oz. 15 cts., 1 lb. 50 cts.

Early Frame. A good old popular variety, of medium size, straight, and excellent for table use or pickling when young. Pkt. 5 cts., oz. 15 cts., 1 lb. 50 cts.

Early Russian. One of the earliest and hardiest; the fruit is small and produced in pairs. Pkt. 5 cts., oz. 15 cts., 1 lb. 50 cts.

Green Prolific. One of the best pickling varieties, dark green, tender, crisp, very productive, of fine flavor, uniform size, and good for table use. Pkt. 5 cts., oz. 15 cts., 1 lb. 50 cts.

Improved Early White Spine. The favorite market variety, largely used for forcing, and extensively grown South for shipping North early in the season; of medium to large size, deep green, crisp, fine flavor, and very productive. Pkt. 5 cts., oz. 15 cts., 1 lb. 50 cts.

Long Green Turkey. The leading long green variety for pickling, of excellent quality and productiveness, fruit dark green, firm and crisp. Pkt. 5 cts., oz. 15 cts., 1 lb. 50 cts.

Tailby’s Hybrid. A hybrid between White Spine and English Prize, retaining the beauty of the long English and hardiness of the White Spine; of large size and excellent for market gardeners or family use. Pkt. 5 cts., oz. 15 cts., 1 lb. 50 cts.

COLLARDS.

Used as a substitute for Cabbage in portions of the South where it is almost impossible to succeed in raising cabbage-heads. Sow from June to August for a succession, and cultivate the same as Cabbage; when large enough transplant in rows 1 foot apart each way, and hoe frequently. Pkt. 5 cts., oz. 20 cts.

Nichol’s Medium Green. For early forcing, late sowing for pickling, or for ordinary table use this variety will be found useful. It is of a dark green color, pleasant flavor, and very productive. Pkt. 10 cts., oz. 25 cts.

Chinese Long-Remaining Green. An excellent sort, combining the size, tenderness and quality of the English Frame varieties. It attains a length of 15 to 20 inches; is of good quality, solid, and has few seeds; medium early. It remains a long time in an edible condition, and can be grown to perfection out of doors. Pkt. 10 cts., oz. 30 cts., 1 lb. 75 cts.

Giant Pera. A long, smooth, straight, dark green cucumber, attaining a length of 18 inches. Flesh white, crisp, tender, and free from all bitterness. It requires a rich soil, and to be grown quickly in order to bring it to perfection. Pkt. 10 cts.

We prepay postage on packets and ounces. On ½ lb. and over add postage at the rate of 16 cts. per lb.
CUCUMBERS—Continued.
Small Gherkin, or Burr. Also known as the West India or Jerusalem Pickle; used only for pickling while young. Pkt. 5 cts., oz. 25 cts., 1 lb. 75 cts.

English Prize, or Frame Cucumbers.
Leading varieties for forcing, attaining a length of 20 to 30 inches; they can be grown in hot-beds where the temperature does not fall below 65 degrees at night. Sow the seed in small pots about the middle of January; when they have grown to three leaves, plant in a prepared hill of rich loose soil in the centre of a sash. Our packets contain from five to twelve seeds each, according to the variety.
Blue Gown.
Carter’s Model.
Champion of England.
General Grant.
Manchester Prize.
Each, per pkt., 25 cts.

Marquis of Lorne (New).
Pearson’s Long Gun.
Sion House, Improved.
Telegraph.
Tender and True.

Egg-Plant.
Sow the seed in hot-beds early in March. When 3 inches high pot the young plants, using small pots, and plunge them in the same bed, so that the plants may become stocky. They can be planted out from the pots, when the season becomes sufficiently warm, in May or June; or they can be transplanted into a second bed to make them strong, until the weather is warm enough to transplant, about 3 feet apart each way, in thoroughly worked and well-enriched soil. Draw the earth up to their stems when about a foot high. Egg-plant seed will not vegetate freely without a strong uniform heat, and if the plants get the least chilled in the earlier stages of growth they seldom recover. Therefore repeated sowings are sometimes necessary. Care should be observed in cutting the fruit so as not to disturb the roots of the plants.

Early Long Purple. The earliest and hardest, very productive; fruit from 6 to 10 inches long. Pkt. 10 cts., oz. 30 cts.

New York Improved Large Purple. The leading market variety; large, round, dark purple, free of thorns, excellent and the most productive variety. Pkt. 10 cts., oz. 60 cts.

Black Pekin. Fruit purplish black, round to globular, large, solid, smooth and glossy, very prolific, early, and of fine flavor. Pkt. 10 cts., oz. 60 cts.

ENDIVE.
Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use, or for late use in June or July. When 2 or 3 inches high transplant into good ground, or thin out to 1 foot apart. It requires no special soil or manure, but after being transplanted must be cultivated and kept clear of weeds until it is full grown, when the blanching process begins. This is done by gathering the leaves together into the hand and tying with yarn or bass, to exclude the light and air from the inner leaves, which must be done when quite dry, or they will rot; in three or four weeks they will be sufficiently blanched. At the approach of winter the growing crop may be taken up carefully, with a ball of earth to each plant, and planted close together in a frame or dry cellar, when it can be used during the winter prepared and dressed like a salad.

We prepay postage on packets and ounces. On 1/2 lb. and over add for postage at the rate of 16 cts. per lb.
**ENDIVE—Continued.**

![White Curled Endive]

**Green Curled.** The hardest and best dark green, tender and crisp. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts.

**Ever White Curled.** (Self-blanching.) This is the finest white curled variety, grows to a large size, always crisp and very tender. Pkt. 10 cts., oz. 50 cts., ½ lb. $1.00.

**Broad-Leafed Batavian.** Leaves broad, light green, nearly plain, used in stews and soups. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts.

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**KALE (BORECOLE).**

Grüner oder Blätter Kohl. GER. Chou Vert. FR. Kohl. SP. Batavia. AN. Kale. The Kales are more hardy than Cabbage, and make excellent greens for winter and spring use, and are improved by frost. Sow from May to June, and cultivate the same as Cabbage. For early spring use sow in September, and protect during winter.

Sea Kale is much esteemed in England, in some parts of which it grows spontaneously. Sow the seed early in the spring, in well-manured and deeply-dug ground, 1 inch deep, and the rows 2 feet apart; thin out to stand 6 inches in the rows; before winter cover with litter or leaves, and the next spring transplant in hills 3 feet apart each way. A supply may be had all winter by planting the roots closely together in a warm cellar before frost.

**Dwarf Curled German.** Leaves yellowish-green, finely fringed; sow in September for winter and early spring use. Pkt. 5 cts., oz. 10 cts., ½ lb. 30 cts.

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**KOHl RABI.**

Turnip-Rooted Cabbage.

Kohl-Rabi. GER. Chou-Rabi. FR. Chou de nabo
dicale. SP. An intermediate vegetable between the Cabbage and Turnip, and is a favorite in Europe, especially on the continent, where it is extensively grown for feeding cows, as it imparts no unpleasant taste to the milk. It is steadily gaining favor in this country. Sow in April, if the weather is favorable, in rows 18 inches apart, and thin out or transplant in rows, 12 inches apart for the Late White, and 8 inches for the Early Vienna varieties, as they are considered difficult to transplant. When 3 to 4 inches in diameter they are fit to eat. For late use sow in June and July.

**Earlyest Erturt.** A white, tender variety, with a smooth root and very short top; the best variety for out-door culture. Pkt. 10 cts., oz. 40 cts., ½ lb. $1.25.

**Early White Vienna.** Flesh white and tender, a standard sort for market, table use or forcing; very short top. Pkt. 10 cts., oz. 40 cts., ½ lb. $1.25.

**Early Purple Vienna.** Bluish-purple, similar to the above, except in color. Pkt. 10 cts., oz. 40 cts., ½ lb. $1.00.

**Large Late White.** Large white or green, for farm culture, feeding stock or table use. Pkt. 5 cts., oz. 20 cts., ½ lb. 60 cts.

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**LETTUCE.**

Lettich oder Garten Salat. GER. Laiture. FR. Lechuga. SP.

Lettuce thrives best in good, rich, moist ground. For the principal early crop sow the seed in September in the open ground; transplant when large enough into cold frames, and protect the plants during the winter in the same manner as early Cabbage; set the plants out early in April, or sow the seed in hot-beds in February or March, and transplant into a sheltered border or a southern exposure. For successive crops sowing may be made in the open ground as early as the spring opens, and continuing until July. Always thin out well or the plants will not be strong. When wanted as a cut salad sow the seed thickly in rows or broadcast.

**Early Curled Silesia, or Cut.** A fine early curled variety which does not head, leaves large, tender and of fine flavor. Pkt. 5 cts., oz. 20 cts., ½ lb. 60 cts.

**Early Curled Simpson.** This does not head, but forms a close, compact mass of leaves; very early, excellent for forcing. Pkt. 5 cts., oz. 20 cts., ½ lb. 60 cts.

**Boston Curled.** Of superior quality; does not form solid heads; fine for early use. Pkt. 5 cts., oz. 20 cts., ½ lb. 60 cts.

The above varieties are used as cut salad, and should be sown thick for this purpose.

Postage prepaid on pkts. and ozs. On ½ lb. and upward remit for postage 1 ct. per oz. when ordered to be sent by mail.
LETTUCE—Continued.

Early Tennis Ball. Black seed. Forms a close, hard head, the best forcing sort. Pkt. 5 cts., oz. 20 cts., ½ lb. 60 cts.

Black Seeded Tennis Ball.

Boston Market. White seed. Hardy and crisp; the earliest heading variety; one of the best for forcing. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts.

Early Dutch Butter, Spotted. Producing fine large heads of excellent quality, and one of the best forcing and market sorts; also stands the heat well in summer. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts.

Early Cabbage, or White Butter. A favorite for sowing in the fall; nearly Hardy, requires only a slight protection; produces fine well-formed heads. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts.

Black Seeded Simpson. Produces a compact mass of leaves of a light color, nearly double the size of the ordinary Simpson, standing well the summer heat. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts.

Brown Dutch, or Butter. Very hardy, and one of the best for winter use, requiring but a slight protection of salt hay; fine large solid heads. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts.

Silver Ball. Silvery white, early; very firm and compact; rich flavor. Pkt. 15 cts., oz. 25 cts., ½ lb. 75 cts.

Hanson. A superior curled leaf variety, of large size, sweet, tender and crisp, of a beautiful green without and white within, free from any bitter taste, good for summer use or forcing purposes. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts.

Royal Cabbage, or Summer Drumhead. Heads large, crisp, tender, of good flavor, and stand the summer heat well. Pkt. 5 cts., oz. 20 cts., ½ lb. 60 cts.

Sugar Loaf. Very sweet, of pleasant flavor; does not quickly run to seed, and is of attractive appearance. Without doubt the best red-tinted Lettuce yet offered. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts.

Salamanca. An excellent summer variety, forming good sized heads, that stand drought and heat longer without injury than any other sort. Pkt. 10 cts., oz. 25 cts., ½ lb. 75 cts.

Yellow Seeded Butter.

Yellow Seeded Butter. A very distinct sort, making a compact yellow head, with excellent flavor, withstands heat well, and remains crisp and tender. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts.

Kingsholm Cos. The finest Cos sort, forming long upright heads of narrow leaves, which are crisp and refreshing, withstanding the summer heat. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts.

Paris White, or Ice Cos. Forming fine, tender and crisp, white heads. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts. The Cos varieties should be tied up a week to blanch before cutting.

LEEK.


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The Leek is very hardy, and of easy culture, succeeding best in a light rich soil. The whole plant is edible, and is used in soups, boiled with meat, etc., considered more delicate than the Onion. Sow early in April, in drills 1 foot apart, and 1 inch deep. When the plants are 6 to 8 inches high, transplant in a deep rich soil in rows 12 inches apart and 6 inches in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September, and the young plants transplanted in the spring.


Giant Carentan. The favorite market variety, large thick stem, of mild flavor and attractive appearance. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts.

Musselburgh. Grows to a very large size, with broad leaves, spreading like a fan; hardy and of excellent quality. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts.

London Flag. An old and popular sort; one of the hardiest and best for winter use. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts.

MARTYNIA.


The seed pods are used for pickling, when gathered green, young and tender. Sow the seed in the open ground in May, in hills 3 feet apart each way, or in a hot-bed, and afterwards transplant.

Probosciden. The best for pickling, used the same as Cucumbers. Pkt. 10 cts., oz. 30 cts.

Postage prepaid on pkts. and ounces. On ½ lb. and upward remit for postage 1 ct. per oz. when ordered to be sent by mail.
Melons thrive best in a light, enriched soil. Plant early in May, when the ground has become warm and dry, in hills 6 feet apart each way for Musk melons, 8 feet for Watermelons. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill, and plant 12 to 15 seeds; after all danger of the bugs is over, thin out to 3 plants per hill. When about 1 foot long, pinch off the tips to make them branch, as it strengthens the growth of the vines, and makes the fruit mature earlier. Be careful not to plant pumpkins or squashes near them, as they will hybridize. A few hills, for early use, may be had by sowing on pieces of sod in a hot-bed, and when warm enough transplant to open ground.

**MUSK MELON (CANTALOupe).**

**Melon, Ger.** Melon Musculce, Fr. Melone Muscatus, Sp.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td><strong>Jenny Lind</strong></td>
<td>The earliest variety; netted, of small round size, excellent flavor. Pkt. 5 cts., oz. 15 cts., ½ lb. 50 cts.</td>
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<tr>
<td><strong>Golden Jenny</strong></td>
<td>A small, highly-prized early variety; the flavor is not equalled by any other sort. Pkt. 5 cts., oz. 15 cts., ½ lb. 50 cts.</td>
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<tr>
<td><strong>Bird’s Cantelope</strong></td>
<td>Flesh thick, light green, and of fine quality. This Melon has been grown to weigh 23 pounds. Notwithstanding its large size it is extremely early, and is a good shipper and keeper. Pkt. 10 cts., oz. 20 cts., ½ lb. 50 cts.</td>
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<tr>
<td><strong>Green Citron Netted</strong></td>
<td>Medium size, deeply netted, nearly round, flesh thick and of delicious flavor. Pkt. 5 cts., oz. 15 cts., ½ lb. 40 cts.</td>
</tr>
<tr>
<td><strong>Hackensack</strong></td>
<td>One of the very best market Melons; of large size and attractive appearance. It is very productive, of excellent flavor, and is grown in some sections to the exclusion of all other sorts. Pkt. 5 cts., oz. 15 cts., ½ lb. 50 cts.</td>
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**Netted Pineapple, or Nutmeg.** An excellent Melon, of medium size, flesh green, firm, juicy, and very sweet. Pkt. 5 cts., oz. 15 cts., ½ lb. 40 cts.

**Surprise.** Of good size, very early, prolific, and one of the finest flavored; flesh deep salmon. Pkt. 5 cts., oz. 15 cts., ½ lb. 50 cts.

**Golden Perfection.** A very highly perfumed Melon from Italy. It is of exquisite flavor and very sugary. Flesh golden yellow; skin fine netted; size medium. Pkt. 10 cts., oz. 40 cts.

**Baltimore.** A green-fleshed Melon, which should be largely grown. It is very productive; of good size, flesh thick and of delicious flavor, and is largely grown by leading market gardeners as being in every way a desirable sort. Pkt. 5 cts., oz. 15 cts., ½ lb. 50 cts.

**Casaba, or Persian.** Of extraordinary size, very delicious and fine flavor; usual weight from 10 to 15 pounds; the best prolific, late oval, netted green-fleshed variety. Pkt. 5 cts., oz. 15 cts., ½ lb. 50 cts.

**Bay View.** A large oval Melon of the Persian type, of superior quality, thin rind, flesh green, firm and sugary. Pkt. 5 cts., oz. 15 cts., ½ lb. 50 cts.

**Prescott, or Hardy Ridge.** Large, round, somewhat flattened, deeply lobed, flesh very thick, of a rich orange color, sweet and delicious flavor. Pkt. 10 cts., oz. 25 cts.

**Montreal Market.** In size this exceeds all the nutmeg varieties, weighing sometimes thirty pounds. Very uniform in shape; netted, flesh green; quality remarkably good. Pkt. 5 cts., oz. 15 cts., ½ lb. 50 cts.

Postage prepaid on pkts. and ounces. On ½ lb. and upward remit for postage 1 ct. per oz. when ordered to be sent by mail.
WATERMELONS.

Boos. Color dark green, flesh unusually deep scarlet, an excellent shipper. Pkt. 5 cts., oz. 15 cts., 1 lb. 40 cts.

Cuban Queen. One of the largest varieties, ripening to the very center, heavy cropper, flesh bright red, tender and melting, luscious, crisp, and very sugary. Pkt. 5 cts., oz. 15 cts., 1 lb. 40 cts.

Kolb Gem. An excellent shipper; very large, deep red flesh, and of excellent flavor. Pkt. 5 cts., oz. 15 cts., 1 lb. 50 cts.

Dark Icing. The flavor of this variety cannot be exceeded. It is very solid, rind very thin, and highly prized as a shipper; seed white. Pkt. 5 cts., oz. 15 cts., 1 lb. 40 cts.

Black Spanish. Solid, very thin rind, flesh scarlet, sweet and luscious; a profitable variety for the market gardener. Pkt. 5 cts., oz. 10 cts., 1 lb. 30 cts.

Ice Cream. Of medium size, early, long, very thin rind, flesh solid, scarlet, crisp, and of delicious flavor. Pkt. 5 cts., oz. 15 cts., 1 lb. 40 cts.

Icing, or Ice-rind. Solid, always of good flavor and thin light green rind, white-seeded. Pkt. 5 cts., oz. 15 cts., 1 lb. 40 cts.

Iron Clad. This Melon grows to a large size, and very solid. The rind, though quite thin, is remarkably strong, thus rendering it an excellent shipping sort. It is of most delicious sugary flavor, and is not superior for productiveness. Pkt. 5 cts., oz. 15 cts., 1 lb. 40 cts.

Mountain Sweet. Early, large, oblong, dark green, thin rind, flesh red, solid, rich and sweet. Pkt. 5 cts., oz. 10 cts., 1 lb. 30 cts.

Pride of Georgia. Dark green, oval, and attains a large size; flesh deep red, crisp and sweet. A good shipper. Per pkt. 5 cts., oz. 15 cts., 1 lb. 40 cts.

Scaly Bark. A very large oblong variety, with a dark tough rind, which has a peculiar scaly appearance, crimson flesh, very solid, remarkably sweet, and an excellent keeper. Pkt. 5 cts., oz. 15 cts., 1 lb. 40 cts.

Striped Gipsy, or Rattlesnake. An early variety; large, oblong, skin green, mottled and striped, rind thin, flesh crimson, sweet and fine flavored. One

Mushrooms.

Champignonbrot, Ger. Champignon, Fr. Seta à Huevas de Hongos, Sp.

As the demand for Mushrooms is steadily increasing, it is to the interest of market growers that they should pay more attention to raising them, as they prove a remunerative crop and the cost of growing is not heavy. Mushrooms will thrive in a dry cellar, under the benches of a greenhouse, or in sheds, where the temperature can be kept from 50 to 60 degrees through the winter, and can be grown without much of the labor and trouble that many think necessary. The materials required are a mass of fresh horse-manure, which should be turned over three or four times to get rid of the excessive heat, and then mixed with one-third of its bulk of fresh soil or sod. Dig out a foot deep of the space to contain the bed, lay some long manure at the bottom, and then the prepared manure and soil, a little at a time, evenly and well beaten down, until it is a foot above the ground; put a layer of good light earth on this, 2 inches thick; after a few days, when the

Market gardeners requiring large quantities of seed will be furnished with special prices on application.
MUSHROOMS—Continued.

rank heat has passed off, say to 90 degrees, place the spawn in the bed in lumps about 2 inches square and 6 inches apart, covering with earth an inch thick; heat it gently down all over. In about 6 to 8 weeks the Mushrooms should make their appearance. Examine the bed often to see that it does not get dry, and when water is given it should be at the temperature of 100 degrees. Make the bed 3 to 4 feet wide and any length desired. If properly handled, the bed will remain in bearing several weeks by the addition of more spawn. Care should be exercised in removing the mushrooms, that the remaining stools may not be disturbed more than is necessary. Where space is limited they can be grown on a shelf by taking enough short manure to make a bed of the desired size, turn it a foot deep, and place it on the shelf one inch thick. If on a shelf, nail a piece of board on the front to form a sort of box, four inches deep—this prevents the droppings from falling out; fill this up in the front, even to the top of the board, and slope it behind to form a bank; let it be beaten as firm as possible with a fork, and in about a week or ten days it will be ready for spawning. This is done by breaking the bricks in small pieces, and inserting them an inch below the surface; after pressing the surface firmly, cover with an inch of soil, beat it gently down, water thoroughly and cover with loose hay or straw. Examine the bed occasionally, and water if it appears dry. In due season the mushrooms will appear plentifully. The spawn we offer is from leading English and continental growers, and can be relied upon as fresh and genuine.

English Spawn. In blocks. Each 20 cts.; per doz. $2.00; by mail, prepaid, 40 cts. each.

French Spawn. Per lb. 45 cts., postpaid 60 cts.; in 3 lb. boxes, per box, $1.50.

MUSTARD—Continued.

White, or Yellow. For salads and flavoring purposes. Oz. 10 cts., lb. 50 cts.

Black, or Brown. More pungent than the white. Oz. 10 cts., lb. 50 cts.

Chinese. Leaves twice the size of the white, more succulent, deeper green, flavor sweet and pungent, and preferable as a salad. Oz. 10 cts., lb. 75 cts.

NASTURTIUM.

(Indian Cress.)

Indianische Kresse, oder Kopsiner, GER. Capucien grande, Fr. Capucinsa o Bero Indio, Sp.

Cultivated both for use and ornament. The seed pods, which resemble capers, are gathered while green and tender for pickling. The flowers are beautiful orange-colored and used for garnishing; the leaves are also used for mixing with salads. Sow early in the spring in drills about 1 inch deep, in light rich soil, when all danger of frost is over; train the tall on brush, trellises, or fences, and grow the Dwarf in beds. Tall Orange. The most profitable pickling variety. Pkt. 5 cts., oz. 25 cts., $1.50.


OKRA.

(Gombo.)

Esborrer Hibiscus, GER. Gombo, Fr. Quimbombo, Sp.

This vegetable is becoming extensively grown. The long young pods of this plant are used in soups, stews, etc., to which they impart a rich flavor and are considered nutritious. Sow the seeds thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart and 1 inch deep; thin out to 10 inches apart in the drills. Hoe oftentimes, and earth up a little to support the stems. The very young pods can be gathered and dried for winter use. Dwarf Green. Long-podded, early, and productive. Pkt. 5 cts., oz. 15 cts., $1 lb. 30 cts.

Improved Dwarf. This early variety has long, green, slender pods, very productive, and only grows 14 inches high. Pkt. 5 cts., oz. 20 cts., $1 lb. 50 cts.


ONIONS.

Zwiebel, GER. Ognon, Fr. Cebolla, Sp.

For sets, sow the seeds as early as possible in the spring, very thickly, in drills. As soon as the tops die off in summer, remove them to a dry, airy place; and early in the following spring replant by placing the sets in shallow drills 12 inches apart, and about 4 inches apart in the drills; the Onions, by this process, are obtained of a large size early in the season. They may also be grown to full size during the first season by sowing thinly in drills 6 inches apart, and about 1 inch deep, in March, or early in April, in strong land, well manured, and thinning them out to stand 3 or 4 inches apart in the drills, keeping them well hoed and free from weeds; for this purpose the Red Wethersfield and Yellow Danvers are usually preferred. They delight in a strong, rich, deep, loamy soil, and succeed well if grown successive years on the same ground.

Seed can be sown in August and September, in drills wide enough apart to admit of working, and when they have grown of sufficient size in the spring to be fit for table use thin out to 4 inches apart, to allow the remaining crop to mature large Onions. This plan works admirably in the South, but will not prove successful where the ground freezes deeply or is subject to constant changes of temperature in spring.

Postage prepaid on packets and ounces. On ¼ lb. and over remit at rate of 1 ct. per oz. to cover postage when ordered to be sent by mail.
ONIONS—Continued.

New Early Red. About ten days earlier than the Wethersfield, and somewhat smaller, close-grained and heavy, of mild flavor and an excellent keeper. Pkt. 5 cts., oz. 20 cts., ½ lb. 50 cts.

New Queen. A rapid growing, silver-skinned variety, of mild flavor, early, remarkable for its keeping qualities, and excellent for pickling. Pkt. 10 cts., oz. 30 cts., ½ lb. 80 cts.

Silver Skin.

New Pearl. One of the earliest varieties, of a pure white color, mild flavor and attractive appearance. For the South this is a specially desirable sort, as it grows quickly and can be brought early into market. Pkt. 10 cts., oz. 40 cts., ½ lb. $1.00.

White, or Silver Skin. A mild-flavored early variety, extensively grown for pickling, not quite as good a keeper as the Yellow Strasburg. Pkt. 10 cts., oz. 40 cts., ½ lb. $1.00.

Danvers Yellow. An excellent early oval, straw-colored variety, of mild flavor, productive, and a good keeper. This and the Yellow Strasburg are the leading sorts for northern markets. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts.

Yellow Strasburg, or Dutch. A leading market variety, a good keeper, and well flavored; of a bright straw-colored skin and somewhat flattened shape. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts.

Large Red Wethersfield. The leading variety of the Eastern States, growing to full size the first season from seed, almost round, large size, deep red color, and keeps well. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts.

Southport Yellow Globe. A very large, handsome globular-shaped, yellow variety, very productive, of mild flavor, excellent keeper. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts.

Southport White Globe. Pure white color, mild flavor, and equally as good for keeping as the yellow sort. Pkt. 5 cts., oz. 30 cts., ½ lb. $1.00.

Large Red Tripoli. A large, red, flat onion, of delicate flavor. Like the other Italian sorts it is free from strong aroma, and adds to its other good qualities that of keeping well during the winter. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts.

Large White Tripoli. An excellent large, white, Italian variety, of quick growth, mild and pleasant flavor, and of a flattened shape. Pkt. 10 cts., oz. 30 cts., ½ lb. 75 cts.

Large White Tripoli.

Mammoth Silver King. This, the largest of the white Italian onions, attains an enormous size in one season from seed, of mild flavor, attractive appearance and form, and a good keeper. This sort is deserving of an extensive cultivation, and will be found especially serviceable in the family garden. Pkt. 10 cts., oz. 40 cts., ½ lb. $1.40.

Mammoth Silver King.

Postage prepaid on pkts. and ozs. On ½ lb. and upward remit for postage 1 ct. per oz. when ordered to be sent by mail.
ONIONS—Continued.

Red Bassano, or Genoa.

Red Bassano, or Genoa. Skin deep brownish red. This variety combines large size, mild flavor, productiveness, with excellent keeping qualities. The Italian varieties should be largely grown as they are in every way desirable for market or family use.
Pkt. 10 cts., oz. 40 cts., $ lb. 81.40.

ONION SETS.
Prices subject to change according to market fluctuations. For large quantities prices will be given on application.

Yellow. Qt. 20 cts. | Shallots. Qt. 30 cts.
GARLIC. Lb. 40 cts., by mail, prepaid, 55 cts.

PARSNIP.
Sow as early in the spring as the weather will admit, in drills 15 inches apart and 1 inch deep, in a rich deep soil; thin out to 6 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Secure enough in pits or cellars for immediate needs. Valuable for feeding stock as well as for table use.

Large Sugar, or Hollow Crown. The best variety; roots long, very smooth, white, tender, sugary, and of excellent flavor. Pkt. 5 cts., oz. 10 cts., $ lb. 25 cts.

PARSLEY.
Used for garnishing and seasoning soups, meats, etc. Succeeds best in a mellow, rich soil. Sow thickly early in April, in rows 1 foot apart and ½ inch deep; thin out the plants to stand 6 inches apart in the rows. The seed is slow of germination, taking from three to four weeks to make its appearance, and often failing to come up in dry weather. To assist its coming up quicker, soak the seed a few hours in warm water, or sprout in damp earth, and sow when it swells or bursts. For winter use protect in a frame or light cellar.

Curled. A good medium curled variety for garnishing and seasoning. Pkt. 5 cts., oz. 15 cts., $ lb. 40 cts.

Extra Curled Perpetual. A new and distinct variety of unequalled merit, beautifully crimped and curled. It can be cut the year round, as it rarely runs to seed. Pkt. 10 cts., oz. 50 cts., $ lb. 75 cts.

Fern Leaved. Nothing better for garnishing could be desired. As a garden decorative plant it is very ornamental. It will stand the winter if covered before frost. Pkt. 5 cts., oz. 20 cts., $ lb. 50 cts.

LONG SWEET BELL, or MOUNTAIN.

Large Sweet Bell, or Mountain. A large early variety of mild flavor, rind thick and fleshy; the best for pickling and pepper sauce or filled as Mangoes. Pkt. 10 cts., oz. 40 cts.

Japan Cluster. A new and very desirable Pepper, bearing its fruit in bunches. A single plant makes a very pretty effect. For ribboning, it will be found very useful, as its brilliant scarlet fruit, which ripens early in the season, makes a charming contrast with its deep green leaves. Pkt. 10 cts., oz. 50 cts.

We prepay postage on packets and ounces. On ½ lb. and over add for postage at the rate of 16 cts. per lb. Add 20 cts. per quart to price of Onion Sets to cover postage.
FOR THE VEGETABLE GARDEN.

PEPPER—Continued.

Golden Dawn. A magnificent yellow Pepper of the bell class; mild and sweet; remarkably productive. Pkt. 10 cts., oz. 40 cts.

Red Cherry. A beautiful ornamental variety, fruit round, of a rich glossy scarlet color, very hot and used for seasoning. Pkt. 10 cts., oz. 40 cts.

Tomato, or Squash-Shaped. A productive variety, of large size, somewhat flattened, and hotter than the above; fine for pickling or sauce. Pkt. 10 cts., oz. 40 cts.

Small Chili. Red conical pods about 2 inches long, very hot and prolific; used for seasoning and sauces. Pkt. 10 cts., oz. 40 cts.

Long Cayenne. From 3 to 4 inches long, of a bright red color, very productive and hot. Pkt. 10 cts., oz. 40 cts.

Long Yellow Cayenne. The same as the above, except of a rich glossy yellow color. Pkt. 10 cts., oz. 40 cts.

PEAS.


Peas mature earliest in a light, rich soil; for a general crop, a rich deep loam, or inclining to clay, is the best. When grown for a market crop sow in single rows, 1 inch apart and 2 to 3 inches deep, the rows from 2 to 4 feet apart, according to the variety. When grown in gardens sow in double rows, 6 to 8 inches apart; the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March, continue for a succession every two weeks until June, then discontinuing until the middle of August, when a good crop may be secured by sowing the extra early and early sorts for fall use. They should be kept clean, and earthed up twice during growth. The wrinkled varieties are not as hardy as the small hard sorts, and if planted early should have a dry soil, or they are liable to rot in the ground; they are, however, the sweetest and best flavored varieties. The dwarf varieties are best suited from their dwarf habit for small gardens or for forcing, and can be planted in rows 1 foot apart.

Improved Daniel O’Rourke. An old but very valuable sort for market gardeners and table use. Of good flavor, productive, and very early. Pkt. 10 cts., qt. 25 cts., peck $1.75.


Alaska. An extra early round pea resembling Kentish Lurietta. Of good flavor and color, and bearing pods of a dark green color, which are well filled and ripen uniformly. The dark green color of the pods will make it a desirable shipping variety. Height 2 feet. Pkt. 10 cts., qt. 30 cts., peck $2.00.

Tom Thumb. Very dwarf, not exceeding 10 inches in height, productive, very early and of excellent quality. Pkt. 10 cts., qt. 30 cts., peck $2.00.

Add for postage on Peas 30 cts. per quart or fraction thereof. Packets are sent postpaid on receipt of price.

EXTRA EARLY VARIETIES.

Dreer’s Eureka Extra Early. The earliest and most prolific variety; an even cropper, of excellent quality; the crop can be gathered in two pickings, a very important item; also for a late fall crop it has few equals, and is the market gardener’s favorite for all seasons; height, 20 inches. Pkt. 10 cts., qt. 50 cts., peck $2.00.
PEAS—Continued.

American Wonder. The earliest wrinkled variety in cultivation; in productiveness, flavor and quality it is unsurpassed. It is of dwarf and robust habit, growing from 10 to 12 inches high. Peas planted in June mature in 33 days. Pkt. 10 cts., qt. 30 cts., peck $2.25.

McLean's Little Gem. A dwarf first early, green-wrinkled marrow; very prolific, and of superior flavor; 1 foot. Pkt. 10 cts., qt. 30 cts., peck $2.00.

Kentish Invicta. A productive variety, ripening all together, of excellent flavor; a very good market variety; 2 feet. Pkt. 10 cts., qt. 30 cts., peck $2.00.

Rural New Yorker. Early, productive, and uniform in ripening. It grows about 20 inches high, and is quite similar to our Philadelphia Extra Early. Pkt. 10 cts., qt. 30 cts., peck $2.00.

SECOND EARLY VARIETIES.

Bliss's Abundance. Pods 3 to 3½ inches long, round and well filled, containing 6 to 8 large wrinkled peas of excellent quality. It ripens about one week after the earliest kinds. 6 to 8 inches apart in the rows is the nearest that the plants should stand; 1½ feet. Pkt. 10 cts., qt. 30 cts., peck $2.25.

Laxton's Alpha. One of the earliest wrinkled marrows: a prolific variety, of fine flavor; pods large and well filled; ¾ feet. Pkt. 10 cts., qt. 30 cts., peck $2.00.

Early Premium Gem. A fine flavored dwarf, wrinkled variety; pods long, dark green and prolific; 18 inches. Pkt. 10 cts., qt. 30 cts., peck $2.00.

McLean's Advance. A fine early market variety, prolific, well filled long pods, tender, and of delicious flavor; 2 feet. Pkt. 10 cts., qt. 30 cts., peck $2.00.

SUMMER AND LATE VARIETIES.

Stratagem. A green, wrinkled marrow, producing numerous pods of large size peas of excellent quality. A superior variety that cannot be too highly recommended; 2½ feet. Pkt. 10 cts., qt. 50 cts., peck $3.00.

Blue Imperial. A favorite summer, market gardener's variety; good bearer, and of fine flavor; 3 feet. Pkt. 10 cts., qt. 25 cts., peck $1.75.

Champion of England. One of the best and most popular wrinkled varieties in cultivation, of delicious flavor; a profuse bearer; 5 feet. Pkt. 10 cts., qt. 25 cts., peck $1.75.

Yorkshire Hero. A splendid wrinkled marrow for market and kitchen gardens; of branching habit, abundant cropper, and excellent quality; 2½ feet. Pkt. 10 cts., qt. 30 cts., peck $2.00.

Add for postage on Peas 30 cts. per quart or fraction thereof. Packets are sent postpaid on receipt of price.
FOR THE VEGETABLE GARDEN.

PEAS—Continued.

Duke of Albany. Pods unusually large and well filled with large peas of excellent quality. We consider it an improvement on the Telephone, from which it is evidently a selection. It comes into bearing earlier than the Champion of England, and will doubtless become a standard sort. Height, 3.5 ft.

Pkt. 15 cts., qt. 50 cts.

Everbearing (Bliss). A first-class pea for summer and autumn use, pods 3 to 4 inches long, and contain 6 to 8 peas of a rich flavor, very sweet and tender. Owning to its remarkable branching habit it remains in bearing an unusually long time.

Pkt. 10 cts., qt. 40 cts., peck $2.00.

Telephone. Immensely productive, of the finest quality, and excellent sugary flavor; vines very strong, averaging 18 to 20 pods per stalk; the pods are of large size and closely packed with large delicious peas; 4 feet.

Pkt. 10 cts., qt. 50 cts., peck $3.00.

Large White Marrowfat. A favorite variety; large, well-filled pods; 5 feet.

Pkt. 10 cts., qt. 20 cts., peck $1.00.

Black-Eyed Marrowfat. This and the White Marrowfat are extensively grown as field peas, as they are early, productive, and bear well-filled pods; 4 feet.

Pkt. 10 cts., qt. 20 cts., peck $1.00.

Dwarf Sugar. Edible pods, fine flavor; used like Snap-Short Beans; 2 feet. Pkt. 10 cts., qt. 50 cts.

Tall White Sugar. Large, long edible pods; used like the Dwarf Sugar; 5 feet. Pkt. 10 cts., qt. 50 cts.

Early Dwarf Wrinkled Sugar. A French wrinkled variety, with edible pods; 2 feet. Pkt. 10 cts., qt. 50 cts.

Tall Gray Seeded Sugar. Similar to above variety, except in height, which is only 2 feet.

Pkt. 10 cts., qt. 50 cts.

Potatoes.


The soil best suited to the Potato is a rich, sandy loam, but it seems to thrive in almost any soil or climate. The potato being a gross feeder, requires a liberal application of manure; if stable manure is to be used, it should be well rotted, and not allowed to come in contact with the tubers. On no other crop are the results from the use of phosphates so manifest as on the potato; almost invariably the tubers are smoother, brighter, and freer from rust and the destructive influence of wire worms. The best fertilizers are plaster, lime, super-phosphate of lime, and bone-dust, for heavy and wet soils especially, as they promote growth and at the same time prevent disease. Plant as early in the spring as the ground can be thoroughly worked, in rows 3 feet apart and 1 foot in the row; covering in light, warm soil about 4 inches, and in cold, wet ground 3 inches deep; draw the earth to the plants as they advance in growth. If an early crop is desired, sprout the tubers, or cut potatoes, in a light warm room, from four to six weeks before planting, then lift carefully and plant out; by this process shoots are obtained that, as soon as planted out in the open ground, will send out roots, and grow more rapidly than if treated in the ordinary way. The soil should be constantly stirred through the season to prevent the surface from baking. Many seem to consider it harmful, after the potatoes have set, to disturb the soil in any way; this is contradicted by the experience of the best growers, who run the cultivator until the vines are dead. In some sections "flat culture" is preferred to "ridging," especially where droughts prevail, or the soil is very loose and sandy.

For seed potatoes, select well-formed tubers of good size. Some growers cut to one eye, leaving as large a piece as possible attached. About 8 bushels are required by this method to properly seed an acre.

Many successful growers plant medium size potatoes whole, maintaining that, though there is an increase in small potatoes, there is a corresponding increase of marketable stock. That this is borne out by results the following table, which has been made from careful competitive trials, will show. Taking 100 as a basis, the account stands: Whole Potatoes, large, 100 per cent.; Whole Potatoes, small, 79 per cent.; Single eye, 36.16 per cent.

Some growers cut their seed in halves lengthwise, while others cut them in quarters, both using large potatoes. Under ordinary cultivation the process of cutting to a single eye is to be deprecated, for the young plants, not having sufficient nutriment, often start off weak, while many fail to grow at all. By using larger seed the vines grow vigorously at the start and are better able to stand the changes of the season and yield satisfactory returns. More seed is required per acre for planting, but the crop will be in every way more satisfactory and profitable.

If the Colorado Beetle makes its appearance the vines should be dusted with Paris Green thoroughly mixed with fifty parts of plaster, and applied while the dew is on the plants, with a Paris Green bellows or duster. Slug Shot is also a very convenient and efficient remedy for the Potato Bug.

Beauty of Hebron. A little earlier than Early Rose, very productive, of excellent quality, white fleshed, and will yield at least a quarter more; a good keeper. Peck 50 cts., bush. $1.75, bbl. $4.00.

Burbank's Seedling. A white-skinned, medium early variety, with few eyes; flesh fine grained and of excellent flavor; producing a large crop of marketable potatoes. Peck 50 cts., bush. $1.50, bbl. $2.75.

Clark's No. 1. An early sort resembling Early Rose, but considered more prolific. It cooks mealy, is of excellent flavor, of first quality, and is a profitable variety for the farmer or market gardener. Peck 50 cts., bush. $1.75, bbl. $4.00.

Potatoes are forwarded by express or freight as directed, purchaser paying charges. We use our discretion in regard to time of shipment, as frequently, when orders are received, the weather for a week or a time will not permit safe delivery.
POTATOES—Continued.

Chas. Downing. A new potato having sterling merit, hardy and productive, and possessing the highest quality for eating. Although early in ripening it is a good keeper. Medium size, slightly flattened oval shape, light lemon color, with smooth skin. Eyes few, small, and nearly even with the surface. ½ peck 60 cts., peck $1.00, bush. $3.00.

Early Ohio. A seedling of the Early Rose, ripens about a week earlier. It is round and oblong in shape, of vigorous growth, and excellent quality. Peck 50 cts., bush. $1.75, bbl. $4.00.

Empire State. An excellent potato that bids fair to become a leading sort. Skin smooth, white; eyes close to the surface, flesh pure white, and cooks dry and mealy. A heavy cropper; produces very few small tubers. Per peck, 60 cts., bush. $2.00, bbl. $4.00.

Pearl of Savoy. The tubers are oblong, fair, and of large size, pearly white flesh, which cooks dry and mealy; 15 days earlier than Early Rose, and very productive and a good keeper. Peck 60 cts., bush. $2.00, bbl. $4.00.

State of Maine. A cross between Early Vermont and Peerless; medium early, excellent flavor, cooks dry, is a good keeper, and very productive. Peck 75 cts., bush. $2.00, bbl. $4.50.

Early Rosé, Prince Edward Island. A leading variety for earliness, quality and productivity. The stock we offer is the best Prince Edward Island. Peck 50 cts., bush. $1.60, bbl. $3.75.

Mammoth Pearl. A medium late variety which has become a favorite. Of good quality, handsome appearance, free from rot, never hollow; skin and flesh white; cooks like a ball of flour; very productive and good keeper. Peck 50 cts., bush. $1.75, bbl. $4.00.

White Star. A medium early variety of the very best quality and appearance. Baked or boiled, its color, floury texture and delicious flavor are unsurpassed. Large, oblong, uniform-sized tubers, remarkably productive; of excellent keeping qualities. Peck 50 cts., bush. $1.75, bbl. $4.00.

At the above prices, express and freight charges are to be paid by the purchaser.

As the price of Potatoes is governed by the market, the above quotations are but nominal, but are believed to be about the prices that will rule in the spring. Special quotations for large quantities, or varieties not listed, will be given on application. Our Potatoes are all carefully selected and grown from the best Northern Stock.

SWEET POTATOES.

Yellow Nansemond. A short, thick variety, very productive, and considered the best for general culture. Peck 60 cts., bush. $2.00, bbl. $4.00.

Red Nansemond. Short, thick, and of good flavor, largely grown in some sections in preference to the yellow sorts, and considered by some as more hardy. Peck 60 cts., bush. $2.00, bbl. $4.00.

PUMPKIN.


Sow in good soil in May, when the ground has become warm, in hills 8 or 10 feet apart each way, or in fields of Corn about every fourth hill; plant at the same time with the Corn; always avoid planting near other vines, as they will hybridize. The Cashew is generally preferred for cooking and making pies.

Cashew. Long, yellow crook-neck, similar to the Crook-neck Winter Squash; the best for table use or feeding stock; flesh yellow, solid, fine-grained, and sweet.

Pkt. 5 cts., oz. 10 cts., lb. $1.00.

Large Cheese. One of the best for table use, productive, skin orange, flesh yellow and sweet.

Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

Large Tours, or Mammoth. A productive variety, which grows to an immense size, often weighing over a hundred pounds. Pkt. 5 cts., oz. 20 cts., lb. $2.00.

Connecticut, or Large Common Yellow Field. A very productive, large yellow variety, and grown principally for feeding stock.

Oz. 5 cts., qt. 25 cts., bush. $5.00.

The barrels we ship Potatoes in are full diameter and standard measure; and we guarantee every barrel when put up to weigh 165 lbs., net.
Radishes thrive best in a light, rich, mellow soil, and to bring out their mild qualities they must make a quick and tender growth; heavy or clayey soils not only delay their growth, but produce a much inferior crop in appearance and flavor. Sow for very early use in hot-beds during the winter and early spring, or later on in sheltered borders, in well-manured, deeply dug, and finely raked soil; if not well stimulated into a rapid growth, they become fibrous and tough; sow in drills 10 inches apart, and thin to 2 inches in the rows. Sow at intervals of two or three weeks until September for a succession. As soon as the first leaves appear, sprinkle with soot, wood ashes, or air-slaked lime, to save them from the little black, Cabbage and Turnip fly. Slug Shot is a positive remedy for the black, Cabbage and Turnip fly, and can be confidently recommended for that purpose. The winter varieties should be sown in July and August; like the Turnip they make the best growth in the autumn, and must be taken up before severe frost, and stored away in a cool cellar in sand, or a pit, where they will keep tender and crisp all winter; before using put in cold water, which adds to their freshness.

**Fireball.** One of the finest forcing Radishes yet offered. Of rapid growth and extremely small top. Brilliant scarlet color, crisp, tender, and of mild flavor. Useful only as a forcing variety or for early spring use.

Pkt. 5 cts., oz. 10 cts., 4 lb. 30 cts.

**Round Red Forcing.** One of the earliest and best of the Turnip varieties for forcing; very short-leaved, small top; color of skin dark red, white-fleshed, with very small tap-root.

Pkt. 5 cts., oz. 10 cts., 4 lb. 30 cts.

**Round White Forcing.** Similar to the above in every respect, except its white skin.

Pkt. 5 cts., oz. 10 cts., 4 lb. 30 cts.

**Early Scarlet Turnip.** A small, round, scarlet turnip-shaped, small top variety, of quick growth, mild and crisp when young.

Pkt. 5 cts., oz. 10 cts., 4 lb. 25 cts.

**Early White Turnip.** Like the above, except of a white color.

Pkt. 5 cts., oz. 10 cts., 4 lb. 25 cts.

**Early Scarlet Olive Shaped.** Of oblong shape, rose-colored flesh, tender and excellent.

Pkt. 5 cts., oz. 10 cts., 4 lb. 30 cts.

**Early French Breakfast.** Oblong shape, rapid growth, very mild and tender, of a beautiful scarlet color, tipped with white.

Pkt. 5 cts., oz. 10 cts., 4 lb. 30 cts.

**Long Scarlet Short Top, or Salmon.** The standard family and market gardener's variety; long, bright scarlet, with small top.

Pkt. 5 cts., oz. 10 cts., 4 lb. 30 cts.

**Long Scarlet Winter.** A long variety, usually large; for forcing; very crisp and mild.

Pkt. 5 cts., oz. 10 cts., 4 lb. 25 cts.

**Large Yellow Summer Turnip.** Like the above, except in color.

Pkt. 5 cts., oz. 10 cts., 4 lb. 25 cts.

**Large White Winter Turnip.** A long variety, hardier than the black varieties; for forcing; very crisp and mild.

Pkt. 5 cts., oz. 10 cts., 4 lb. 25 cts.

**Beckett's Charter.** A very attractive sort, and one that should have an extensive trial. Color bright salmon scarlet, shading to white as it approaches maturity. It is very crisp, tender, and of mild and pleasant flavor.

Pkt. 5 cts., oz. 15 cts., 4 lb. 50 cts.

**Large White Summer Turnip.** The market gardener's favorite; larger turnip-shaped, white, very crisp and mild.

Pkt. 5 cts., oz. 10 cts., 4 lb. 25 cts.

**Summer and Winter Varieties.**

**Long White Naples Summer.** An excellent long variety, flesh white, crisp and mild.

Pkt. 5 cts., oz. 10 cts., 4 lb. 25 cts.

**Long Black Spanish Winter.** A large, long variety, one of the hardiest, firm in texture, keeping until spring.

Pkt. 5 cts., oz. 10 cts., 4 lb. 25 cts.

**Round Black Spanish Winter.** Like the above, except round in form.

Pkt. 5 cts., oz. 10 cts., 4 lb. 25 cts.

**Large White Spanish Winter.** Of milder flavor than the black varieties.

Pkt. 5 cts., oz. 10 cts., 4 lb. 25 cts.

**Scarlet Chin. Winter.** One of the best fall and winter varieties, a favorite with the market gardeners; bright rose-color, flesh white, firm, and of superior quality.

Pkt. 5 cts., oz. 10 cts., 4 lb. 30 cts.
RADISHES—Continued.


White Strasburg. Though not a new variety, it is one that should be more largely grown. The roots are oblong of a pure white color, very brittle, and of a mild flavor. For summer and fall use this sort will be found very desirable. Pkt. 5 cts., oz. 10 cts., $ lb. 30 cts.

RHUBARB.

The stalks of this plant are used for pies and tarts. Sow in April, in drills 1 foot apart; when 3 or 4 inches high, thin out in the rows to 10 inches apart, and transplant the ensuing autumn or spring to any desired situation, in a deep, rich soil. The ground must be dug and heavily manured, at least 2 feet deep. Set out the roots 3 feet apart each way, and the following spring it will be fit for use. In the fall the bed should have a thick dressing of coarse manure, which is to be dug into the ground in the spring. We recommend those who desire a choice article to procure the roots, which can be set out either in the fall or spring as above described.

Linneus. Early, large, tender, and very fine. Pkt. 5 cts., oz. 25 cts., $ lb. 75 cts.

Rhubarb. Victoria. Very large; the finest cooking variety. Pkt. 5 cts., oz. 25 cts., $ lb. 75 cts.

SORREL.

Sow in April, in a rich, mellow soil, in shallow drills 12 inches apart, and thin out the plants to 6 inches apart in the rows, keeping the flower stems cut off as they appear. It remains in the ground from year to year. The leaves possess a pleasant acid taste; cook like Spinach; also good to mix with salads, to which it imparts an agreeable flavor.

Large Leaved Garden. Cultivated for its acidity and much used in salads. Pkt. 5 cts., oz. 20 cts., $ lb. 50 cts.

SPINACH.

Spinace, Ger. Épinard, Fr. Espinaca, Sp.
This is an important market gardener's crop, of easy culture. For spring and summer use, sow either broadcast or in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use, sow in September, in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich; the stronger the ground the more delicate and succulent will be the leaves. Sow the New Zealand variety in hills 3 feet apart each way, planting three or four seeds to the hill, or they can be started in heat and transplanted; it can be cut for use all summer.

DEERE'S Round Seeded Savoy. The hardestd large Savoy Leaved; curled and crimped, with thick, fleshy leaves, the best for family and market purposes, and the best of all sorts for fall sowing. Pkt. 5 cts., oz. 10 cts., $ lb. 40 cts.

Long Standing Round Seeded. A new large, crimped, thick fleshy Savoy Leaved variety; will stand two weeks longer than any other sort before shooting to seed; the best for spring sowing, on account of seeding so late. Pkt. 5 cts., oz. 10 cts., $ lb. 40 cts.

Prickly Seeded, or Falt. The hardest variety; having smaller leaves, is not so productive as the above sorts. Pkt. 5 cts., oz. 10 cts., $ lb. 40 cts.

New Zealand. This variety endures heat and drought, and is the best for summer use; produces a large quantity of leaves throughout the season. Pkt. 5 cts., oz. 15 cts., $ lb. $1.00.

SALISFY.

Hafenerwurzel oder Rossbeart, Ger. Salufia, Fr. Oeuf Vegetal, 5 Barba Cubaana, Sp.
A fine vegetable, used and served as Carrots; or, after being boiled, made into cakes and fried like oysters, which they resemble in flavor. Cultivate the same as Carrots and Parsnips; it is hardly, can remain in the ground all winter for early spring use, but should be taken up before it starts growing; take up a supply to use during the winter. Succeeds best in a light, well-enriched, mellow soil. Sow early in the spring in drills 15 inches apart, 1 inch deep, and thin out to 6 inches apart in the rows.

Long White. The favorite market variety, and the best flavored. Pkt. 5 cts., oz. 20 cts., $ lb. 60 cts.

Long Black, or Scorzoneru. Resembling the above; scrape off the coarse rind, and soak the roots a few hours in cold water before cooking, to extract their bitter taste. Pkt. 5 cts., oz. 25 cts.

Mammoth Sandwich Island. This variety came from the Sandwich Islands, and grows here to a very large size, and resembles a good sized parsnip. It is very mild and delicate flavored and should become popular. Pkt. 10 cts., oz. 50 cts.

Postage prepaid on packets and ounces. On ¼ lb. and over remit at rate of one ct. per oz. to cover postage when ordered to be sent by mail.
Squashes

Squashes should be planted in a warm, light, rich soil, after the weather has become settled and warm, about the middle of May or June. Plant in well-manured hills, in the same manner as Cucumbers and Melons—the bush varieties 3 or 4 feet apart each way, and the running kinds from 6 to 8 feet. Eight to ten seeds should be sown in each hill, thinning out, after they have attained their rough leaves, and danger from bugs is over, leaving three or four of the strongest plants per hill.

EARLY SORTS.

Early White Bush. The best early variety for market or shipping; it grows to a large size, sculpted like a Patty-punt, and bearing an abundant crop. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

Early Golden Bush. Like the above, only of a golden color, a Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

Yellow Crook Neck. Early, productive, and of good quality; skin orange-yellow, covered with warty excrescences. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

The above three kinds are for summer use, and should be used when the skin is tender.

SUMMER AND FALL Sorts.

Brazilian Sugar. A delicate and rich flavored variety that will become a standard sort for summer and autumn use. The flesh is light yellow, fine grained and sweet. They weigh on an average 3 pounds, and will keep well into winter.

Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts.

Fall and Winter Sorts.

American Turban. Flesh orange yellow; thick, fine-grained, and of a good flavor; an excellent variety for fall and early winter use.

Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

Boston Marrow. About ten days later than the Bush varieties; a good keeper, of excellent flavor, flesh orange colored and fine grained.

Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

Butman. This variety is fine grained, dry, and of excellent flavor, having all the good qualities of the Hubbard and summer varieties combined.

Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

Essex Hybrid. A valuable fall and winter Squash. Very prolific, fine grained orange-red flesh, very sweet and dry, and fills all the requirements of a first-class Squash. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

Hubbard. A general favorite, and one of the best late table varieties; of large size, flesh fine grained, dry, and of excellent flavor.

Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

Marblehead. Resembling the Hubbard, but of a lighter color, and is remarkable for its sweetness, dryness, and delicious flavor, as well as its keeping qualities.

Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

Pine Apple. A fall and winter variety of peculiar shape. It ripens about the same time as the Perfect Gem, is of excellent quality, and keeps well all winter; the flesh is of a creamy white color, fine grain and splendid quality, having a rich coconut flavor; yields from 5 to 8 squashes to each vine.

Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts.

Postage prepaid. On ½ lb. and over remit at rate of 16 cts. per lb. when ordered to be sent by mail.

FOR THE VEGETABLE GARDEN.
SQUASHES—Continued.

Mammoth Chili. Rich orange-yellow, flesh thick, and of good quality for making pies. This quality grows to an enormous size, specimens frequently attaining the weight of 225 lbs. A valuable sort for feeding stock. Pkt. 5 cts., oz. 20 cts., ½ lb. 50 cts.

Pine Apple. Perfect Gem. This Squash possesses the excellent qualities of both the summer and winter varieties combined, and can be used for either purpose. Pkt. 5 cts., oz. 10 cts., ½ lb. 30 cts.

**Tomatoes.**

*Lichenopfel, Ger. Tomate, Fr. Tomate, Sp.*

For early plants sow in hot beds early in March, in drills 5 inches apart and ½ inch deep; when the plants are about 2 inches high, transplant into another hot-bed 4 inches apart each way; plant out in the open ground early in May, or as soon as danger from frost is over, 4 feet apart each way in hills, which should have a shovelful of well-rotted manure mixed with the soil. Water freely at time of transplanting; when the first fruit is set, pinch off the ends of the branches to obtain early fruit. Sufficient plants for a small garden can be grown in a shallow box or a large flower-pot, by placing it in a sunny window of a warm room or kitchen. For late use, sow in a sheltered border in May, and set out the plants in July; the green fruit can be picked off before frost and ripened under glass. By training the Tomato vines on trellises or tying to stakes, they will increase in productiveness, the fruit will ripen better and be of finer quality. Our Tomato Seeds are saved with extra care, and cannot fail to be satisfactory.

**Cardinal.** A decided acquisition to our list of superior varieties. The color is a brilliant cardinal red, the flesh being scarcely any lighter. Its shape is uniformly round and smooth, very solid, few seeds, quality the best. Pkt. 10 cts., oz. 30 cts., ½ lb. $1.00.

**Livingston’s Beauty Tomato.** Rich glossy crimson with a slight purple tinge; the fruit grows in clusters of 4 to 5; is of large size, very smooth, and retains its character till late in the season. It ripens early and evenly, is free from all sign of rotting, and seldom cracks after a rain. It is very productive, and will yield heavier crops than Acme or other leading sorts. Pkt. 10 cts., oz. 40 cts., ½ lb. $1.00.

**Acme.** This popular variety is one of the best for the family, market or canning; ripens evenly, of medium uniform size, round, very solid, of a punkish color, and very productive. Pkt. 10 cts., oz. 30 cts., ½ lb. $1.00.

**Livingston’s Perfection.** This variety is larger than the Acme, fully as early, perfectly smooth, solid, almost round, deep red in color, with few seeds, and ripening all through at the same time; a heavy cropper. Pkt. 10 cts., oz. 30 cts., ½ lb. $1.00.

**Livingston’s Favorite.** Smoother than Paragon, does not crack nor rot like Acme, and a darker red than Perfection; ripens evenly and early; very prolific, good flavor, few seeds, flesh solid; bears shipping well. Pkt. 10 cts., oz. 30 cts., ½ lb. $1.00.

Postage prepaid on pkts. and ounces. On ½ lb. and over remit at rate of 16 cts. per lb. when ordered to be sent by mail.
Mikado Tomato. We consider this one of the finest Tomatoes ever sent out. It is of very large size and fine flavored. For slicing it will be found excellent, as it has few seeds and is very solid. The Tomatoes are borne in clusters of 4 to 7, ripen evenly, and remain firm when fully ripe.
Pkt. 10 cts., oz. 40 cts.

Dreer’s Selected Trophy. One of the very best in cultivation; our seed is saved only from the finest ripe specimens, which for size, smoothness, solidity and excellent flavor are unsurpassed. It is one of the gardeners’ favorites.
Pkt. 10 cts., oz. 40 cts.

Red Pear. Oval shape; similar to Yellow Pear, except of a beautiful red color.
Pkt. 10 cts., oz. 30 cts.

Yellow Pear. True pear shape, small size, smooth, used for preserving.
Pkt. 10 cts., oz. 30 cts.

TOMATOES—Continued.

Mayflower. This variety is one of the earliest of the large kinds in cultivation; at least one-third larger than the early Aeme; of a bright red color, ripens evenly up to the stem, and presents a beautiful appearance, shape globular, slightly flattened, perfectly smooth, flesh solid and unusually free from seeds; of rich flavor, and very productive until killed by frost.
Pkt. 10 cts., oz. 30 cts., ½ lb. $1.00.

Optimus. The fruit resembles the Favorite in general appearance, but is more uniform in size and shape and ripens more evenly. The flesh is a bright crimson color and free from hard spots. A desirable canning sort.
Pkt. 10 cts., oz. 40 cts.

Paragon. A second early variety of great merit, producing until the vines are killed by frost; ripens evenly, very solid, of a dark red color and delicious flavor; heavy foliage, therefore it does not sunburn, and is the favorite market and canning variety.
Pkt. 10 cts., oz. 30 cts., ½ lb. $1.00.

TURNIPS.


This wholesome vegetable should be one of our main farm productions, for family use as well as for cattle and sheep. It delights in a light, rich, sandy loam, which has been well manured. For early use, sow as soon as the ground opens in the spring, in drills from 12 to 15 inches apart, thin out to 6 or 9 inches in the rows, or sow broadcast. As soon as the first leaves appear, sprinkle with soot, wood-ashes, air-slaked lime, or Slug Shot, to destroy the little black fly, which will devour the plants if not attended to in time. Slug Shot is a certain remedy for the black fly. For a succession, continue to sow every two weeks until June; for a fall and winter crop, sow in July and August; do not sow later than the 1st of September. The Ruta Bagas are grown for feeding stock, and are also excellent for the table. Take up the roots in November or before severe frosts; cut off the tops within an inch of the crown, store in a cool cellar or pit, or pile up in a conical form, out of doors, in dry ground; cover carefully with long straw, and finish by earthing up, covering them with about 12 or 15 inches of earth, leaving a trench around the heap to carry off the dampness; leave a vent or air-hole, by placing a bunch of straw in the top. Put away in this manner they will be found in good condition in the spring.

Extra Early Purple Top Munich. This variety is at least two weeks earlier than any other. It is of a handsome appearance, somewhat flattened, white with purple top, flesh snow-white, fine-grained and delicate flavor.
Pkt. 5 cts., oz. 10 cts., ½ lb. 25 cts., lb. 75 cts.

Early White Flat Dutch. An early, white-fleshed, strap-leaved variety, usually sown very early in the spring; of quick growth, mild flavor, and excellent quality; also grown for a full crop.
Pkt. 5 cts., oz. 10 cts., ½ lb. 25 cts., lb. 75 cts.

Early White Egg. An egg-shaped variety, for spring or fall sowing, flesh white, firm, fine-grained, mild and sweet; an extra keeper; in every respect a first-class table and market sort.
Pkt. 5 cts., oz. 10 cts., ½ lb. 25 cts., lb. 75 cts.

Early Red, or Purple Top Flat. This strap-leaved variety is the principal sort for early spring and fall use; top is red or purple above ground, flesh fine grained, of mild flavor, and a good keeper.
Pkt. 5 cts., oz. 10 cts., ½ lb. 25 cts., lb. 75 cts.

Long White, or Cow Horn. Grows very quickly, partly above ground; very productive, flesh white, fine-grained and sweet, of excellent quality for family and market gardeners’ use.
Pkt. 5 cts., oz. 10 cts., ½ lb. 25 cts., lb. 75 cts.

Robertson’s Golden Ball, or Orange Jelly. A rapid grower, of excellent flavor, globe-shaped, bright yellow color, good keeper, and a superior table variety, or for stock.
Pkt. 5 cts., oz. 10 cts., ½ lb. 25 cts., lb. 75 cts.

Postage prepaid on pkts. and ounces. On ½ lb. and upward remit for postage 1 ct. per oz. when ordered to be sent by mail.
Improved Yellow Purple Top Ruta Baga, or Swedish Turnip. The leading market variety, and principally grown for stock as well as for family use. Hardy, productive, flesh yellow, solid, sweet, fine-grained, and of good flavor.
Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

Purple Top White Globe. A variety of decided merit. Of globular shape, very handsome, and of superior quality, either for the table or stock. It is a heavy producer, early, of rapid growth, and an excellent keeper.
Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

Yellow Globe, or Amber. One of the best for a general crop, flesh firm and sweet, grows to a large size, excellent for table use or feeding stock, and keeps well until late in the spring.
Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

Yellow Aberdeen, or Scotch. Hardy, productive, and a good keeper; globe-shaped, yellow, flesh firm; good for table use or feeding stock.
Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

Large White Norfolk, or Globe. A large growing, globe-shaped variety, flesh coarse grained and sweet; one of the best early for feeding stock.
Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

Golden Globe Ruta Baga. One of the best and sweetest for family use, also good for feeding stock; flesh yellow, and of excellent flavor.
Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

Seven Top, or Forester. Southern Greens, standing the winter as far north as Philadelphia; producing an abundance of foliage to boil with cured meats, etc.
Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

Herbs, in general, delight in a rich, mellow soil. Those marked with an * are perennial, and when once obtained in the garden may be preserved for years with a little attention. Sow the seeds early in the spring in shallow drills, 1 foot apart; when up a few inches, thin out to proper distances, or transplant. No garden is complete without a few sweet, aromatic or medicinal herbs for flavoring soups, meats, etc., and care should be taken to harvest them properly. This should be done on a dry day, just before they come into full blossom; then dry quickly in the shade, pack close in dry boxes or vessels, so as to exclude the air.
HERBS—Continued.


Balm (Melissa officinalis). Used for tea or balm wine; height, 1 foot. Pkt. 5 cts., oz. 50 cts.

Balsam Apple (Momordica balsamina). For ornament and use; 1 foot. Pkt. 5 cts., oz. 15 cts.

Batsam Pear (M. charantia). Pear shaped, used same as above; 10 feet. Pkt. 5 cts., oz. 50 cts.

Basil, Sweet (Ocyrrhiza basiliciana). Used for soups, sauces and sauces; 1 foot. Pkt. 5 cts., oz. 10 cts.

Beete (Sesamum indicum). Used medicinally; 18 inches. Pkt. 5 cts., oz. 20 cts.

Borage (Borago officinalis). Excellent for bees, etc.; 3 feet. Pkt. 5 cts., oz. 20 cts.

Caraway (Carum carvi). For confectionery and medicine, also flavoring; 2 feet. Pkt. 5 cts., oz. 10 cts.

Castor Oil Bean (Ricinus communis). For ornament and medicine; 6 feet. Pkt. 6 cts., oz. 20 cts.

Coriander (Coriandrum sativum). Grown for its seed, also for garnishing; 2 feet. Pkt. 5 cts., oz. 15 cts.

Cumin (Cuminum cyminum). Good for pigeons, etc. Pkt. 5 cts., oz. 15 cts.

Dill (Anethum graveolens). The leaves are used in soups, sauces and pickles, also the seed for flavoring; 3 feet. Pkt. 5 cts., oz. 15 cts.

*Horibound (Marinaria vulgaris). Used medicinally; 2 feet. Pkt. 10 cts., oz. 50 cts.

*Lavender (Lavandula angustifolia). An aromatic herb; 2 feet. Pkt. 5 cts., oz. 50 cts.

Marigold, Pot (Calendula officinalis). For flavoring and medicine; 1 foot. Pkt. 5 cts., oz. 30 cts.

Fennel, Sweet (Anethum graveolens). The leaves are ornamental; when boiled they are used in fish sauces; 6 feet. Pkt. 5 cts., oz. 15 cts.

Marjoram, Sweet, American (Origanum vulgare). Sweet Marjoram grown from American seed is best for winter use, as it makes more bulk; 1 foot. Pkt. 10 cts., oz. 40 cts.

Marjoram, Sweet, Imported. Imported seed is best to cut when green for summer use, as it grows vigorously, and produces numerous leaves; 1 foot. Pkt. 2 cts., oz. 10 cts.

Opium Poppy (White Seeded) (Papaver somniferum). Used medicinally; 3 feet. Pkt. 5 cts., oz. 30 cts.

*Rosemary (Rosmarinus officinalis). An aromatic and ornamental herb; 4 feet. Pkt. 10 cts., oz. 50 cts.

Rue (Ruta graveolens). For medicinal purposes, good for fowls for the crop; 3 feet. Pkt. 5 cts., oz. 25 cts.

Sage (Salvia officinalis). The tender leaves and tops are used in sausage, stuffing and sauces; 18 inches. Pkt. 5 cts., oz. 25 cts.

Savory Summer (Satureia hortensis). For seasoning purposes; 1 foot. Pkt. 5 cts., oz. 25 cts.

Savory, Winter (Satureia montana). For same use as the above. Pkt. 10 cts., oz. 40 cts.

Tansy (Tanacetum vulgare). For medicinal use; 3 feet. Pkt. 10 cts., oz. 50 cts.


*Wormwood (Artemisia absinthium). Used medicinally, beneficial for poultry, and should be planted in poultry yards. Pkt. 10 cts., oz. 50 cts.

VEGETABLE PLANTS AND ROOTS.

We grow large quantities of vegetable plants and roots, and can supply all the varieties listed below in their proper season.

Cold frame Cabbage, Cauliflower and Lettuce are ready for planting as soon as the ground can be worked; hot-bed plants follow in April and May. Pepper, Tomato and Sweet Potato plants are ready in May and June. Celery, full and winter Cabbage can be supplied July 1st to August 20th. Asparagus, Chives, Horse Radish, Rhubarb and Tarragon thrive best if planted early. Vegetable plants should be sent by express, as they carry safer. Prices quoted do not cover mail or express charges, except where noted.

Asparagus (Conover’s Colossal). 2 year old roots $1.00 per 100, $8.00 per 1,000. By mail postpaid $0.75 per 100.

Artichokes (Jerusalem). 25 cts. per qt., postpaid 50 cts.

Cabbage Plants (Cold Frame). Henderson’s Early Summer, Early Jersey Wakefield, Early Winnystadt, Flat Brunswick. $1.00 per 100, $8.00 per 1,000.

Cabbage Plants (Hot Bed). Perfect varieties ready for planting after April 1st. 50 cts. per 100, $1.00 per 1,000.

Cabbage Plants (Field Grown). Large Late Drumhead, Large Late Flat Dutch, Perfection Drumhead Savoy, and Red Drumhead. Ready July lst. 40 cts. per 100, $5.00 per 1,000.

Cauliflower Plants (Cold Frame). Early Erfort and Snowball. Plants ready same season as Cabbage. 75 cts. per doz., $8.00 per 100.

Cauliflower Plants (Hot-Bed). Same varieties. 30 cts. per doz., $1.50 per 100, $10.00 per 1,000.

Celeriac Plants. Drer’s Large White Solid, Boston Market, Golden Dwarf and White Plume. Ready July lst. 50 cts. per 100, $4.00 per 1,000.

Chives. For flavoring soups, salads, etc. 25 cts. per bunch, $2.50 per doz.


Egg Plants. New York Improved Large Purple. Out of hot-beds. 50 cts. per doz., $3.00 per 100.

Hop Vine Roots. 50 cts. per doz., $2.50 per doz. By mail 25 cts. per doz.

Horse Radish Roots, or Sets. Plant in rows 2 feet apart, and in the rows 18 inches apart. 20 cts. per doz., 75 cts. per 100, $6.00 per 1,000. By mail 30 cts. per doz.

Lettuce Plants. Early Dutch Butter, Hanson. Ready same time as Cabbage. 15 cts. per doz., 50 cts. per 100.

Onion Sets. See page 25 for prices and varieties.

When ordered to be sent by mail, remit in addition to price for Cabbage, Cauliflower, and Sweet Potato Plants, 15 cts. per doz., 50 cts. per 100, Egg and Pepper Plants 10 cts. per doz., 40 cts. per 100. Pot-grown Egg Plants not mailable.

SWEET POTATO PLANTS.

We grow large quantities of the following varieties, and are in position to make contracts for large lots. For general planting the Red and Yellow Nansemond are standard sorts; but the other sorts can be recommended in every way desirable and worthy of extended cultivation.

Yellow Nansemond, Southern Queen, White Brazilian, Red Bermuda, Red Nansemond; 30 cts. per 100, $2.50 per 1,000.

MAMO TO PLANTS.

We make a specialty of Tomato plants, and can always supply through the season well-grown plants of the following sorts:

Acme, Livingston’s Favorite, Cardinal, Perfection, Paragon, Beauty, Mikado, Drer’s Selected Trophy, Optimus, Turner Hybrid. 25 cts. per doz., $2.00 per 100, $15.00 per 1,000.
In making a new lawn, it is desirable that all tree planting and laying out of flower beds should be accomplished first. The ground should then be thoroughly dug or plowed to the depth of ten or twelve inches, using liberally well-decomposed manure or "fertilizers." Of the latter, we recommend bone meal as being more lasting in its effects, less liable to burn the young grass, and free from weeds. It should be applied at the rate of 600 to 1,000 pounds per acre, according to the quality of the soil. After plowing, the ground should be well harrowed to reduce it to as fine a condition as possible, as well as to make it level, as nothing detracts so much from the appearance of a lawn as an uneven surface. After the seed has been sown and raked in, the roller should be used to "true" the surface; this, where possible, should not be overlooked, as the germination of the seed is aided materially by this process. Care should be exercised in raking not to work the seed in too deep, as ¼ to ½ inch is ample covering. If covered deeper, germination is retarded or prevented altogether.

The best time for sowing is in spring, from February to May, or in September, using not less than four bushels per acre. Weeds should be kept out of the new lawn, as they smother the young and tender blades of grass; it is a mistaken idea that the weeds shade the grass from the sun and so aid its growth. The real fact of the matter is, that the grass is much better able to cope with the sun's rays than to overpower the rank weeds which appear in every new lawn, the presence of which is always charged to the seedsmen who has furnished the seed, the purchaser failing to recognize nature's abhorrence of a vacuum, and to observe wherever the earth is disturbed, weeds spring up immediately to cover the barren surface.

When the grass has attained three inches in height it should be mowed, and being exercised not to cut it too close; frequent rolling and mowing will make the turf close and compact, strengthen the grass, and render the lawn smooth and attractive.

For Tennis, Croquet and Base Ball Grounds, six bushels should be sown per acre, otherwise the same method should be observed as for making lawns. The bare and unsightly spots and runs can be readily covered and made green by digging the surface in September and rolling to make an even surface; rake roughly the surface, sow the seed, and again rake lightly and roll. By spring the grass will be well established. The seed should be applied liberally to the bare spots, using twice the quantity as for lawns.

Lawns require feeding constantly in order to keep up their vigor; for this purpose we recommend our Bone Dust as being of high grade and supplying all the requirements of a lawn fertilizer. A top dressing once a month, at the rate of two hundred and fifty pounds per acre, will keep the lawn in a thriving condition.

Owing to the varying condition of soils, some grasses thrive luxuriantly where others would starve. If our customers will state the quality, condition, and aspect of their soils, we shall be pleased to offer any advice desired, and also make any "special mixture" when necessary to obtain a satisfactory result.

**GRASS SEEDS**

**LAWN. THEIR MANAGEMENT AND NEEDS**

**DREER'S FAIRMOUNT PARK LAWN MIXTURE**

Is a compound of grasses which ripen successively, thereby always presenting a green and cheerful appearance. Lawns sown with one or two grasses turn brown under our hot mid-summer sun, and remain in that condition until the cool months of autumn revive them. The mixture we offer has stood the test of years, and our rapidly increasing sales prove conclusively that its merits are becoming widely known. The theory that the law of cause and effect, and who realize that, in order to produce permanence and beauty, first-quality goods only must be used. Many of the finest private grounds around Philadelphia are sown with our grasses only.

**Dreer's Fairmount Park Lawn Mixture.** Sow 4 bushels per acre; weight per bushel 15 lbs., qt. 20 cts., bush. $4.00.

**Philadelphia Lawn Mixture.** A good article, but not as desirable as the above; sow 4 bushels per acre; weight per bushel 15 lbs., qt. 20 cts., bush. $3.00.
DREER’S EVERGREEN LAWN MIXTURE.

An improved mixture which we are confident will supersede our Fairmount Park Mixture. Many of the European grasses have been neglected because of their high price, but their value for lawn purposes in this country has been demonstrated so clearly that their use will be rapidly extended. By a judicious use of some of the Poaces and other foreign grasses with the standard lawn grasses of America we are enabled to offer to our customers a mixture which for all good staying qualities is unsurpassed. Modern lawns demand grasses that are able to stand the wear and tear consequent to their use for Lawn Tennis, Croquet, etc.

Many of our native grasses grow luxuriantly during early spring and late fall, but are valueless during the dry midsummer months; special attention has been given in this mixture to incorporate only such varieties as are able to withstand prolonged drought and present at all times a green and healthy sward.

For permanence, for beauty under all circumstances and for value, we are confident Dreer’s Evergreen Lawn Mixture will meet all requirements. When desired we shall be pleased to make special mixtures for any soil, or give our customers the benefit of our long experience in matters pertaining to lawn or field.

25 cts. per qt., $5.00 per bushel of 15 lbs.

GRASS SEEDS FOR LAWN AND FIELD.

The grass seeds we offer have been reelected and specially selected for their respective uses and will meet the views of the most critical trade. The prices have been made low as possible considering quality, and are subject to market changes.

**Fancy Cleaned Kentucky Blue Grass** (*Poa pratensis*). Also known as June Grass, valuable for lawns or croquet grounds; thrives best in a dry soil, retaining its verdure in the hottest weather. Weight per bushel 14 lbs. Qt. 20 cts., bush. $2.25.

**Extra Clean Kentucky Blue Grass** (*Poa pratensis*). The same as the above, except that it is of a lower grade. This quality can be used for mixing with other grass for field-sowing, but is not recommended for lawns. Weight per bushel 14 lbs. Qt. 15 cts., bush. $1.75.

**Natural Green Grass** (*Poa pratensis variety*). A native grass of luxuriant growth; forms a heavy sward. Weight per bushel 14 lbs. Qt. 25 cts., bush. $4.00.

**Canadian Blue Grass** (*Poa compressa*). An excellent grass for sowing on thin land, as it is very tenacious, and will grow where other sorts fail. Weight per bushel 14 lbs. Qt. 20 cts., bush. $2.50.

**Herd, or Red Top Grass** (*Agrostis vulgaris*). A valuable native permanent grass, desirable for meadows, pastures or lawns, growing in almost any soil, moist or dry, and standing our hot climate. Weight per bushel 10 lbs. Qt. 15 cts., bush. $1.25. Per sack of 50 lbs. $5.90.

**English Rye Grass** (*Lolium perenne*). A nutritious permanent grass for meadows and pastures, or for mixing with other grasses for lawn. Weight per bushel 14 lbs. Qt. 20 cts., bush. $2.50.

**Italian Rye Grass** (*Lolium multiflorum*). Thriving in any soil, yielding an early and abundant crop; a good pasture grass. Weight per bushel 20 lbs. Qt. 20 cts., bush. $2.50.

**Sweet Vernal Grass** (*Anthoxanthum odoratum*). Useful to mix with other grasses for lawns, on account of its early growth and agreeable odor when cut. Weight per bushel 10 lbs. Lb. 60 cts., qt. 25 cts., bush. $5.00.

Remit for postage on Grass Seeds 10 cts. per qt. (except where noted) in addition to price, when ordered to be sent by mail.
GRASS SEED—Continued.

Sweet Vernal Grass (Anthoxanthum odoratum Pudeli). An annual variety of the Sweet Vernal grass, which requires reseeding every year unless it stands where it can reseed itself. Weight per bushel 10 lbs. Qt. 20 cts., bush. $8.50.

Johnson Grass (Sorghum Halapense). This grass is a perennial, and has cane-like roots which literally fill the ground. One bushel of good clean seed is sufficient for an acre. It resembles Sorghum, and will thrive on good land. The best stage to cut it for hay is when it comes into bloom. It is tender and nutritious, and all kinds of stock thrive on it. Weight per bushel 25 lbs. Qt. 20 cts., postpaid, 35 cts., bush. $8.00.

Meadow Fescue (Festuca pratensis). Thrives in all soils, and is an excellent grass for permanent pasture or hay, the foliage being highly nutritious. Lb. 40 cts., postpaid, 35 cts.

Sheep's Fescue (Festuca ovina). This grass forms a large part of the pasturage of the English Downs. It produces a large quantity of short herbage, and should form a part of all mixtures for sheep pastures. Lb. 30 cts., postpaid, 45 cts.

Meadow Foxtail (Alopecurus pratensis). One of the best and earliest of pasture grasses. Thrives best in moist localities, and bears close cropping. Lb. 50 cts.

Orchard Grass (Dactylis glomerata). One of the most desirable pasture grasses, of rapid growth, and thriving in shady places. Weight per bushel 12 lbs. Qt. 20 cts., bush. $2.25.

Rhode Island Bent. A fine compact grass, readily forming a heavy sward. Weight per bushel 10 lbs. Lb. 30 cts., postpaid 45 cts.

Tall Meadow Oat Grass (Avena elatior). A valuable grass for soil ing or permanent pasture, of early and luxuriant growth; also makes splendid hay. Sow 4 bushels to the acre. Weight per bushel 14 lbs. Qt. 20 cts., bush. $3.25.

Timothy (Phleum pratense). A well-known nutritious grass, which, on most soils, will produce a larger crop than any other variety. Weight per bushel 45 lbs. Qt. 15 cts., postpaid, 40 cts., bush. $3.00.

Wood Meadow Grass (Poa nemorale). Particularly adapted for pleasure grounds and lawns, will grow under trees, where few other grasses can exist. Sow 28 lbs. to the acre. Weight per bushel 14 lbs. Lb. 40 cts., qt. 25 cts., bush. $5.00.

Flint's Mixture. For permanent pasture lands; adapted to different soils. Sow 2 bushels to the acre. Weight per bushel 20 lbs. Qt. 20 cts., bush. $3.50.

MILLET, ETC.

Common Millet (Panicum miliaceum). Very early, 2 to 3 feet high, foliage broad, heads open, branching panicles. Weight per bushel 48 lbs. Qt. 15 cts., bush. $1.50.

German, or Golden Millet. Medium early, 4 to 5 feet high, close heads, numerous spikes, seeds round, of a golden yellow. Weight per bushel 48 lbs. Qt. 15 cts., bush. $1.75.

Hungarian Millet (Panicum Germanicum). Early and productive, growing 2 to 3 feet high, with an abundance of foliage and slender heads. Weight per bushel 48 lbs. Qt. 15 cts., bush. $1.50.

Egyptian, or East India Pearl Millet (Pennisetum setaceum). Growing from 8 to 10 feet high. When cultivated for fodder, the seed should be sown in drills 3 feet apart, and thinned out in the rows to 1 foot apart, in rich, well manured ground; sow 3 to 5 lbs. per acre. Weight per bushel 50 lbs. Lb. 25 cts., postpaid, 40 cts.

Reana Luxurians (Trachyne). In its perfection it produces a great number of shoots, growing 12 feet high, very thickly covered with leaves, and yielding an abundance of forage. Oz. 25 cts., lb. $2.30.

Rural Branching Dhoura or Egyptian Rice Corn (Sorghum vulgare). A valuable forage plant, growing 8 to 10 feet high and producing an abundance of foliage, which is greatly relished by stock. When grown for the grain, plant in hills 4 feet apart each way, and cultivate same as corn. When wanted for fodder, sow in drills, 4 feet apart and 4 inches in the drill. When it has attained the height of 5 feet it may be cut for forage. The plants will bear cutting every 4 weeks until frost. Lb. 30 cts., postpaid, 45 cts., 10 lbs. $2.50.

Remit for postage on Millet 20 cts. per qt., when ordered to be sent by mail.

Clover Seeds.

Alsike, or Swedish (Trifolium hybridum). An excellent variety, of luxuriant growth and very sweet, valuable for pasturage or ensilage. Lb. 30 cts., postpaid, 40 cts.

Alfalfa, or Lucerne (Medicago sativa). One of the best varieties, succeeding in almost every situation, and bearing heavy crops of forage; will bear cutting 3 or 4 times during the season. Lb. 30 cts., postpaid, 46 cts.

Red Clover (Trifolium pratense). The leading variety of clover for pastures or meadows. The seed we offer is reseeded and free from weeds. Lb. 15 cts., postpaid, 30 cts. Per bushel about $7.00.

Scarlet Clover (Trifolium incarnatum). Brilliant scarlet flowered, very productive, and greedily eaten by cattle; remains green longer than the red variety, and is excellent for bee food. Lb. 30 cts., postpaid, 46 cts.

Remit for postage on Grass Seeds 10 cts. per qt. or 15 cts. per lb. in addition to price, except when noted, when ordered to be sent by mail.
**Bokhara Clover** (*Melilotus albus*). A rapid growing white-flowered sort, excellent for bee food, for which purpose it should be largely grown. Lb. 40 cts., postpaid, 56 cts.

**White Dutch Clover** (*Trifolium repens*). The best variety for lawns, as it forms a close herbage and remains green throughout the season; it also affords excellent food for bees. Lb. 40 cts., postpaid, 56 cts.

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**FARM SEEDS.**

We give special attention to the quality of all our Farm Seeds, and send out only reeleaned stock. It is our aim to send out pure stock, true to name. For lists of Corn and Potatoes see pages 19 and 31. For green manures we recommend thickly sowing Sugar Cane, Lupins, Tares, Field Peas, Rye and Oats, and plowing under when 6 to 8 inches high.

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**WINTER WHEAT.**

_Fultz._ The leading Red Winter Wheat in this section. Berry full, hard, and considered by millers No. 1. Heavy cropper. Straw stiff, and does not lodge easily. Peak, 50 cts., bush. $1.75.

_Martin’s Amber._ Heads long and heavy; berry plump, amber-colored and excellent for milling. It yields heavily, and is in every way a desirable sort. Peak 50 cts., bush. $1.75.

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**OATS.**

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**WIDE-AWAKE OATS.**

A remarkably productive variety, yielding 65 to 125 bushels per acre, according to the nature and condition of the soil. The grain is heavy and plump, and has a thin husk. Straw stiff and vigorous, showing no sign of rust. This variety has been thoroughly tested, and proved to be a superior sort, both in quantity and quality.

Peak 75 cts., bush. $2.50.

_American Triumph._ Straw strong and firm, bearing large heads, well filled with plump, heavy grain; destined to be a leading variety.

Peak 50 cts., bush. $1.50.

_Welcome._ An excellent variety, very productive and heavy; straw stiff; grain plump. Averages 45 lbs. per measured bushel, with good cultivation.

Peak 40 cts., bush. $1.25.

_White Belgian._ One of the heaviest and most productive varieties, averaging in weight 42 lbs. per bushel, straw stiff.

Peak 40 cts., bush. $1.25.

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**CLYDESDALE OATS.**

One of the most important additions to the list of farm seeds that has been sent out for many years. Well cleaned samples of these Oats will weigh 51 lbs. per bushel, while an ordinarily cleaned lot will weigh 45 lbs. Aside from its extraordinary weight, it ripens ten days earlier than any other. Straw stiff, and free from any tendency to lodge.

Peak 60 cts., bush. $2.00.

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Farm Seeds are sent by freight or express at purchaser’s expense. When ordered to be sent by mail add 16 cts. per lb., 30 cts. per qt., except where noted.
TOBACCO.
Tobacco will grow in almost any location, but the best results are obtained from light, rich soil which will not bear a rank growth. The seed-bed should be thoroughly made, and the ground well pulverized, before sowing the seed, which should be firmly pressed into the soil. Sow thinly in order that the plants may have sufficient room to grow stocky. After the plants are sufficiently strong transplant to the field where they are to grow. The plants should be well cultivated, care being exercised not to run too close to the plant and destroy the fibrous roots. As tobacco is very sensitive to early and late frosts, it should be covered on cold nights with waterproof muslin, which will keep off several degrees of frost. The varieties we offer are the best and most reliable. Book on Tobacco Culture mailed on receipt of 25 cents.


Glessner Pennsylvania Seed Leaf. The most noted selection grown in Lancaster county. It has a larger and finer leaf than the Connecticut, of a chestnut brown color, and produces a large crop of handsome leaves. Pkt. 10 cts., oz. 50 cts.

Havana. The best imported seed. It is only recently that the fine qualities of this variety have been appreciated by our growers. Pkt. 10 cts., oz. 50 cts.

Primus. The first to mature and ripen, and the very earliest variety grown. Succeeds well in Canada, where few kinds will ripen, and is especially adapted to planting far North. Leaves large, fibres fine and texture silky; yields large crops of extra fine quality. Pkt. 10 cts., oz. 40 cts.


White Burley. A variety coming rapidly into favor for wrappers. In some sections it has superseded all other kinds. Pkt. 10 cts., oz. 30 cts.

BROON CORN.
Improved Evergreen. This variety is extensively grown on account of the color and quality of its brush, which is light, fine, and always green; grows 7 feet high. Qt. 15 cts., bush. $3.00.

Large California Golden. One of the most popular kinds for making brooms; does not require bending down, as the brush has a leaf or sheath around its base, which keeps it from crooking; grows about 12 feet high, brush long and straight, green tipped red when ripe. Qt. 20 cts., bush. $3.50.

Dwarf. Grows about 4 feet high, extra fine for making brushes or whisk. Qt. 20 cts., bush. $4.50.

BUCKWHEAT Common. Qt. 15 cts., postpaid, 35 cts., bush. $1.25.

American Silver Hull. An improvement on the common variety, earlier, and yields nearly double the crop; the flour is whiter and more nutritious. Qt. 20 cts., postpaid, 40 cts., bush. $1.50.

European Silver Hull. Ripens 10 days to 2 weeks earlier than the American Silver Hull. A heavy yielder, and not easily affected by drought. Berry small, and of a light silvery gray color. Lb. 25 cts., postpaid, 40 cts., per peck $1.25, bush. $.40.

RYE.
White. The best variety; a heavy cropper, and stands the winter better than almost any other sort. Peek 40 cts., bush. $1.25.

BARLEY, COMMON.
The variety usually sown. Peek 40 cts., bush. $1.25.

FLAX (Linum usitatissimum).
When grown for seed, sow 1 bushel per acre; if fibre is wanted, sow at the rate of 2 to 3 bushels. The soil should be well cultivated. Peek 60 cts., bush. $2.25.

SUGAR CANE.

Early Amber. The earliest and most productive variety. Height 10 to 12 feet. Its saccharine matter is of first quality, fine and rich. One of our best green fodder plants, producing from 2 to 3 cuttings during the summer. Sow 4 qts. in drills and 8 qts. broadcast, to the acre. Qt. 20 cts., bush. $3.00.

FIELD PEAS, ETC.

White Southern Cow. Also known as Sand Pea, a small white variety with black eye. Sow 2 bushels to the acre. Qt. 20 cts., bush. $3.00.

Black Eyed, Narrow-leaf. Very early and productive. Sow 3 bushels to the acre. Qt. 20 cts., bush. $2.50.

Tares, or Spring Vetches. A good forage plant, also used for plowing under; sow 1 bushel to the acre. Qt. 25 cts., bush. $4.00.

Lupins, Yellow Field. Grown for green manure; also good for sheep. Sow from April to June, and plow under when in bloom. Sow 1/4 bushel to the acre. Qt. 40 cts., bush. $8.00.

SUNFLOWER.

Large Common. Large flowers, producing an abundance of seed. Qt. 20 cts., bush. $4.00.

Mammoth Russian. Bears extra large flowers, which produce a very heavy crop of seed. Qt. 20 cts., bush. $4.00.

Tree Seeds.
In addition to the varieties listed, we can supply any other at short notice.

Apple Seed (Pyrus malus). Qt. 50 cts., bush. $12.00.

Peach Pits, Natural Virginia. Qt. 20 cts., bush. $1.50.

Pear Seed (Pyrus communis). Oz. 25 cts., lb. $2.50.

Plum Pits (Prunus communis). Oz. 10 cts., lb. 50 cts.

Cherries Pits, Mahaleb (Cerasus mahaleb). Oz. 10 cts., lb. 60 cts.

Cherry Pits, Black Mazzard (Cerasus communis). Oz. 10 cts., lb. 50 cts.

Walnut (Juglans nigra). Oz. 10 cts., lb. $2.00.

Russian Mulberry (Morus morio). Now largely planted, and considered the best for Silk-Worm Culture. Oz. 50 cts., lb. $.00.

Eucalyptus Globulus, Australian Fever Gum Tree. Extensively planted in the South and California, for destroying malaria. Oz. 80 cts., lb. $8.00.

Magnolia Grandiflora. The large flowering Southern variety. Oz. 40 cts., lb. $4.00.

Magnolia Glauca. The New Jersey fragrant white variety. Oz. 30 cts., lb. $3.00.

Locust, Yellow (Robinia pseudo acacia). Largely grown for "wind breaks." Oz. 10 cts., lb. 60 cts.


Osage Orange (Maclura pseudo acer). Sprout the seed before sowing, then sow in rows, and when one year old transplant, 6 inches apart, alternating the plants in double rows, cutting the plants down to the height of 6 inches, Manure well, and plow deep before planting. Bush. of 25 lbs. $6.00. Oz. 10 cts., lb. 50 cts.

Farm Seeds are sold by freight or express at purchaser's expense. When to be sent by mail add 15 cts. per lb., 30 cts. per qt., except where noted.
The Wild Garden.

Though it has not been done to any extent, it is quite certain that the wild and free effect of the hedgerows of England, which during the season are aglow with Corn Cockles, Foxgloves, Poppies, and a multitude of lovely flowers, which charm every one with their beauty and fragrance, can be reproduced in this country by a little care and the liberal use of plants adapted to our climate. Charming effects can be made by a combination of Larkspurs and Nasturtiums, Coreopsis and Poppies, or Godetias and Calendulas, or all can be mixed together and scattered over rough places, thereby making that which is unsightly appear attractive.

Shrubbery and the edges of woodlands would look more cheerful were they sown with Foxgloves, Everlasting Sweet Peas, Lupins, etc., which would thrive in such a situation, and provide plenty of bloom where otherwise there would only be a mass of foliage. Shady places can be toned up with Swan River Daisies, Asters, Myosotis, or a sunny knoll with yellow Columbines in spring or dazzling Poppies in midsummer. The combinations which can be made are nearly endless, and vary greatly with soil and situation.

For sowing in shrubbery, under trees and in beds on which no care will be bestowed, or even for sowing in exposed situations where wilderness is preferred to order and precision, we offer a mixture of the various flower seeds that are suitable for the purpose. The mixture comprises Mignonette, Candytuft, Larkspurs, Marigolds, Poppies, Foxgloves, and many other garden favorites which will flower successively and yield an abundance of bloom.

Pkt. 10 cts., ¼ oz. 25 cts., oz. 50 cts.
Seed Sowing.

Provided the soil is in a proper state, flower seeds may be sown in the open border in the months of April and May. The seeds should be sown as soon as the soil becomes dry and easily crumbled, after the spring frosts have disappeared. Care should be taken not to sow in a crowded border, as light and air are indispensable. They may also be sown in prepared beds of light, rich soil, and transplanted into the garden. The former is the more simple method, but not always as satisfactory. The better is to sow all fine seeds under glass in a greenhouse, hotbed, or in the house. As to the depth to which seeds should be covered, the best general rule is to cover fine seeds very lightly, just enough to protect them from the sun; and in extremely dry weather a sprinkling of damp moss is very useful. With very fine seeds it is best to sow on the surface, and press them slightly into the soil. We are convinced that one of the most frequent causes of failure is in sowing the seeds too deeply; they are unjustly censured, when the fault lies with the cultivator.

The period of sowing has also much to do with success or failure; as a rule, we find the winter months, even with all the appliances a skilled gardener can give, the most unsatisfactory; many instances of which have come under our observation during our long experience.

For sowing seeds, shallow boxes 2 to 3 inches deep, and covered with a light of glass and with open seams at the bottom, so that the water can drain through quickly, are best. (These we keep in stock all ready for use.) The best soil is a mixture of equal parts of sand, leaf-mould, and light, rich garden loam, which should be thoroughly sieved and sifted through a coarse sieve; then fill your pots, pans, or boxes within half an inch of the rim; press the soil firmly and evenly. If the soil is dry it is best to water freely a day or two before sowing the seed, to enable the surplus water to drain off. After they are sown cover slightly with fine soil, carefully water with a fine rose or spray dampener, to settle the soil. When they are designed to be grown in the house, the temperature should be as near 60 degrees as possible; place them in a light window facing south or east.

The importance of uniform attention to watering may be best learned by experience and observation, but the inexperienced cultivator may be reminded that to omit a single watering and allow the young plant-germs from seed to remain in a parched state, or to too frequently over-water, usually leads to the eventual loss of the whole. As soon as the plants appear, they will require careful attention, as the least over-watering may cause them to “damp off,” and suddenly destroy all your hopes. They should now have as much sun as possible, and when the weather is pleasant, some air may be admitted. As soon as the plants are large enough to handle, prick them into other boxes or pots, placing them about 1 inch apart each way; they must be shaded for a few days from the sun, until they are established. When large enough they can be potted in small pots, and kept until the proper season for planting in the garden.

Nature faithfully provides for the reproduction of plants; the difficulty of multiplying by one method is counteracted by the ease with which it may be done by another. When plants are difficult to grow from cuttings, we generally find, that they seed freely, thus giving ample means for increase. For instance, the much admired Centaureas, so extensively used for edgings, massing or baskets, which are difficult to grow from cuttings, are readily raised from seed; there are numerous varieties having the same nature, which all Florists and Amateurs soon discover by experience.

The germination of many hard seeds, especially among greenhouse and hot-house species, requires vernal active, moist atmosphere, as great as is increased by pouring warm water over them, or soaking them over night in camphorated water, and then sowing. Thus treated, the young plants appear in a few weeks; but without such treatment they often lie dormant many months. The varieties of Acacia, Erythrina, Canna and Scolix are the most prominent of this class.

Annuals, for garden decorations, should be sown in February and March, the earlier the better, as the display in season will be in proportion to their early vigor.

*Calceolaria and Primula* are types of a class that require entirely different treatment; to insure success they should be treated as the seed is sown, and the soil watered with care.

**ANNUALS.**

*Annuals* are plants that arrive at perfection, bloom, produce seed, and die the first season. *Hardy Annuals* can be sown in the borders from April to June. *Half-Hardy* and *Tender Annuals* can be sown in March and April in shallow boxes, etc., and placed on a hot-bed; when the plants are large enough, transplant in a cool frame near the glass to harden. In May, when the weather has become favorable, transplant in the borders; the seed may then be sown in the open ground in May and June. Many annuals are very desirable for the greenhouse for winter-blooming, and must be sown in July or August. Of these the most important are Browallia, Candytuft, German Stocks, Lobelia, Mignonette, Schizanthus, Sweet Alyssum, and Dwarf Nasturtiums. Many varieties, as well as the above, may be sown in the fall and winter for blooming early in the spring, such as *Aceroclinium, Ageratum, Antirrhinum, Geranium, Dianthus, Eustoma, Mimulus, Myosotis, Pansy, Petunias, Phlox Drummondii, Salpiglossis, Salvia, Verbena, Vincas, and others which will be found in our fall and complete list of the best leading varieties.

**BIENNIALS.**

*Biennials* are those that last two seasons; some of the varieties bloom the first year, and remain over winter, flowering again the second year and then die; a slight protection of leaves or coarse masonry will be found beneficial. For the summer and autumn flowering the seed should be sown in March and April, and treated the same as half-hardy annuals. Hardy kinds can be sown from April to September in the open border, and transplanted where they are intended to bloom the following year.

The following are among the most desirable: *Campanula, Foxglove, Hollyhock, Larkspur, Pinks, Sweet William, Wallflower, etc.*

**PERENNIALS.**

*Perennials* do not flower until the second year, and the hardy varieties remain in the ground from year to year, and improve by age, forming large clumps or bushes, which are completely covered with their attractive flowers. They should be planted in the borders or beds where they are intended to remain permanently.

The seed may be sown early in the spring with *Annuals*, or later in the summer in a cool and partially shaded situation, and when large enough transplant where desired.
Dreer's List

of

Reliable Flower Seeds.

Our List has again been carefully revised and all inferior varieties discarded. For the convenience of our customers and facilitating the filling of orders, we have introduced a system of numbering which will be found very serviceable. In ordering it is only necessary to give the number of packets wanted and the corresponding number in the Catalogue, viz.:—1 Pkt. 5010, 25; 3 Pkts. 5031, 15,—means one packet Abutilon, mixed, 25 cts.; three packets Adonis Estivais, 15 cts.

Writing the name as well as giving the number is superfluous and is in no way an aid in filling orders. Please use the Order Sheet. It is desirable that customers should keep a copy of their orders, as frequently we receive complaints of errors, whereas reference to the order shows correct filling.

PREMIUM ON FLOWER SEEDS ONLY.

We offer the following liberal premium on Flower Seeds only when ordered in packets, purchasers' selection, cash to accompany order.

For $1.00, Select Flower Seeds to amount of $1.15 For $4.00, Select Flower Seeds to amount of $4.75
For 2.00, " 5.00, " 5.10 " 10.00, " 10.15 
For 3.00, " 6.00, " 6.15 " 13.00 " 13.15

FLOWER SEEDS ARE MAILED, POSTAGE PAID, ON RECEIPT OF PRICE.

<table>
<thead>
<tr>
<th>PER PKT.</th>
<th>ABOBRA. A rapid-growing ornamental plant of the gourd species, with beautiful glossy dark green foliage, and bright scarlet fruit. 5001 A. Viridiflora</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Trailing plants, producing clusters of sweet-scented, Verbena-like flowers, especially fragrant towards evening, in bloom a long time; effective in beds, rock-work, or hanging-baskets; peel off the husk before sowing the seed; succeeds in a light, rich soil. Half-hardy annuals; height, 6 inches. 5003 A. Arenaria. A beautiful yellow variety. 5006 — Umbellata. Rosy lilac, with a white eye.</td>
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<td>10</td>
<td>ABUTILON. (Chinese Bell-Flower.) Greenhouse shrubs of strong growth and easy cultivation; free-flowering, with various-colored, beautiful drooping bell-shaped flowers. Sown any time before April, in a temperature of 60 degrees, they will produce fine flowering plants the first season. 5010 A. Fine Mixed. Of choice varieties and colors: 2 to 6 feet.</td>
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<td>25</td>
<td>ACONITUM. (Monk's Hood, or Wolfsbane.) A hardy perennial, growing in any good garden soil, in the shade or sun, producing curiously-shaped flowers in abundance. 5017 A. Napellus. Very pretty blue and white flowers; 3 feet.</td>
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<td>5</td>
<td>ADLUMIA. (Mountain Fringe, or Allegheny Vine.) An attractive and beautiful plant, flowering the first season, of graceful habit and pale green delicate foliage. 5033 A. Cirrhosa. Clusters of small rosy-lilac flowers; hardy biennials; 15 feet.</td>
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<tr>
<td>10</td>
<td>ADONIS. (Flos Adonis.) Also known as Pheasant's Eye. Showy hardy annuals of easy culture, with pretty five-cut foliage, and lasting a long time in bloom. 5031 A. Estivatis. Dark crimson flowers, with a lighter center; 1 foot.</td>
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<tr>
<td>5</td>
<td>AGAPANTHUS. (African Lily.) Bulbous-rooted, with evergreen foliage and large heads of small blue flowers. The roots can be preserved during the winter, in a cellar protected from frost, or under the stage of a greenhouse. 5033 A. Umbellatus. Blue; 3 feet.</td>
</tr>
</tbody>
</table>
Acanthus

A stately and beautiful ornamental plant. From the leaf of "Acanthus Mollis," the capital of the Corinthian column is derived. Growing freely in any rich, loamy soil.

5015 A. Mixed. Hardy perennials; height, 3 feet. 10

Agrostemma

An attractive free-flowering hardy perennial of easy culture, producing flowers on long slender stems like a single pink; blooms the first season. Fine for cutting; 1 ft.

5050 A. Cetti Rosea, Mixed. 5

Alonsoa

(Mask Flower.)

Handsome brilliant-colored free-flowering bedding-plants, blooming until killed by frost; thriving in any good garden soil, also good house-plants; half-hardy annuals.

5065 A. Grandiflora. Large-flowering; bright-scarlet; 2 feet. 5

5070 — Mixed. All colors; 2 feet. 5

Alyssum

Free-flowering, pretty little plants for beds, edgings or rock-work, or winter-blooming; the annual variety blooms all summer.

5082 Sweet Alyssum (A. Minitum). Flowers in white clusters; 6 inches. Per oz., 50 cts. 5

5086 A. Benthami Compactum. Of true dwarf compact growth; excellent for borders; white. 10

5084 — Saxatile Compactum. Showy golden-yellow flowers; hardy perennial, blooms the first season; 1 foot. 5

Alyssum—Continued.

5087 A. Little Gem. This is an exceedingly pretty and entirely distinct dwarf variety of Sweet Alyssum. The plants are of very dwarf, compact, spreading habit, and only 3 to 5 inches in height, each plant covering a circle from 15 to 30 inches in diameter. It begins to bloom when quite small, often when in the seed-bed, and so profusely that the plants are a solid mass of white from spring till late in autumn. For small beds and edgings it is very effective, and for pots and baskets a gem of the first water. 25

Allamanda

Stove evergreen climbers, bearing profusely, splendid large flowers in clusters; winter and spring blooming.

5065 A. Schotti. Golden yellow. 25

Amaryllis

Bulbous-rooted plants, producing from 2 to 4 of the richest colored crimson, scarlet, and white-striped, lily-like flowers.

5110 A. Hybrida, Mixed. 13 feet. 25

Amelopsis

(Miniature Virginia Creeper, or Japanese Ivy.)

A hardy perennial species of Woodbine from Japan, with olive-green leaves, which turn to scarlet in the autumn. Will adhere to brick or stone walls.

5101 A. Veitchii. 10

Alstroemeria

Beautiful, free-flowering, tuberous-rooted plants; do best in a southern sheltered position, or in the greenhouse; half-hardy perennial; 1 ft.

5080 A. Chilleanus, Mixed. 20

Amaranthus

Showy blooming plants, with long racemes of curious-looking flowers, and brilliant foliage; half-hardy annuals.

5092 A. Cruentus (Prince's Feather). Erect-flowering, bright scarlet; 3 feet. 5

5091 — Caudatus (Love Lies Bleeding). Blood-red, drooping; 3 feet. 5

5094 — Gordoni, or Surise. Bronze crimson foliage, shading off to brilliant scarlet tints of leaves on top of the stalk, the lower leaves having a scarlet band through the centre; 3 feet. 10

5095 — Henderi. Of graceful pyramidal growth and long drooping leaves, of brown, madder, and bronze; 4 feet. 10

5096 — Melancholicus Ruber. Dwarf, compact habit, blood-red foliage; 2 feet. 5

5097 — Salicifolius (Fountain Plant). Of pyramidal, drooping habit, branching close to the ground. The leaves are at first of a brassy green shade, changing a bright orange-carmine and bronze color, forming magnificent plumes; 4 feet. Per oz., $1.00. 10

5095 — Tricolor (Joseph's Coat). Leaves red, yellow, and green; 3 feet. Per oz., 60 cts. 5

Anagallis

(Pimpernelle.)

Dwarf, compact plants; adapted for baskets, rock-work, edgings, and small beds; succeed best in a light, rich soil, in a sunny situation; covered with various shades of flowers the whole summer; half-hardy annuals; 6 inches.

5120 A. Grandiflora, Mixed. 5
ANCHUSA. (Capensis.)
A splendid bouquet flower, of long duration, and producing azure blue forget-me-not-like flowers; hardy perennial; if sown early, blooms the first season, growing freely in shaded situations; 2 ft. 5132 A. Augustifolia. Azure blue. .10

ANGELONIA. A beautiful greenhouse shrubby plant; spikes of dark purplish-brown flowers, with a white eye. If sown early will flower the first season, and can be treated as a tender annual. Famous for its fragrance. 5132 A. Grandiflora Atropurpurea. .15

ANEMONE. (Windflower.) A very pleasing hardy perennial, bulbous-rooted plant; easily grown from seed, producing large flowers, early in the spring, when few plants can compare with them in beauty and brilliancy; fine for bouquets; 1 foot. 5130 A. Coronaria, Mixed. Scarlet, purple, blue, white and striped. .10 5135 — Pulgens. Flowers large, dazzling vermilion...20

ASPERULA. A hardy dwarf annual, profuse bloomer, with clusters of small, sweet-scented flowers, lasting a long while in bloom, fine for bouquets; 1 foot. 5165 A. Azurca Setosa. Beautiful light blue. .5

ANTIRRHINUM NANUM. (Dwarf Snap-Dragon.) One of our most showy and useful border plants. The more recently improved varieties of this valuable genus are large, finely-shaped flowers of the most brilliant colors, with beautifully-marked throats; they succeed in any good garden soil, and are very effective in beds. Hardy perennials, blooming the first year if the seed is sown early; 1 ft. 5136 A. Fire Fly. Orange and scarlet, with white throat. ....5 5137 — Pictumatum. A new and distinct variety, striped and blotched; all colors mixed. .10 5140 — Mixed. Finest dwarf Tom Thumb. Per oz., 75 cts. .5 5149 — Imported Collections, 10 Dwarf varieties...10 5159 — " " 10 Tall " ....50

AQUILEGIA. (Columbine.) This plant produces beautiful, curiously-formed and variously-colored flowers; blooms freely early in the spring; hardy perennials. 5143 A. Chrysanth. (Golden-Spurred.) A strong grower, forming bushy plants 3 feet high, producing all summer an abundance of bright golden yellow flowers. .10 5144 — Corybena. Flowers are very large, violet blue, and inner petals pure white; 2 feet .......10 5146 — Olympica. A beautiful, vigorous grower; flowers rich blue, with a white-edged lip; 2 feet....10 5160 — Single, all colors mixed; 2 feet .......5 5160 — Double; " " 18 inches ...........5

ARISTOLOCHIA. (Dutchman’s Pipe.) A rapid-growing plant, with large heart shaped foliage, and very curious flowers, resembling a pipe; hardy perennial; 50 feet. 5163 A. Sipho. Brownish purple. .10

ARISTOLOCHIA ELEGANS. 5162 — Elegans. Its handsome and elegant flowers are borne on long stalks and have a slightly dis- tended tube; which is suddenly bent upwards, the upper part dilated into a coriaceous cup-shaped limb of a rich dark purple color, ornamented throughout with irregular branched markings of a creamy white, and having a golden yellow eye surrounded by rich velvety purple. Its blossoms are produced in the greatest profusion, even on small plants, and are entirely free from the objectionable odor peculiar to the genus. .......25

ARMERIA. (Thrift.) A very pretty edging plant, bearing large tufts of rosy-pink flowers; hardy. 5161 A. Elegans. .10

AURICULA. A well-known favorite of great beauty; seed saved from splendid choice varieties; half-hardy perennial; 6 in. 5140 A. Mixed. .......25

AZALEA. Beautiful shrubby plants, covered with a mass of bloom, growing best in a mixture of rich, fibrous peat and sand; saved from a collection of showy, various-colored flowers; 3 feet. 5250 A. Indica, Mixed. .......25 5251 — Pontica. A beautiful hardy perennial shrub, from the Levant. Choice mixed varieties, 4 feet...10
PER

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5181

5172

5173 — Cocardeau, or Crown. Showy flowers, very double, with white centres, bordered with bright rich colors; 18 inches

10

5174 — Comet. A new and beautiful class, forming fine, regular pyramids 12 to 15 inches high, and covered with large double flowers. In shape they resemble a large flowered Japanese Chrysanthemum, the petals being long and twisted, or curled and wavy. The color is a lovely delicate pink bordered with white...

50

5175 — Chrysanthemum Flowered. Pure white...

15

5177 — Giant Emperor, Mixed. Flowers of great size, very double, fine form, brilliant colors, and robust growth; 2 feet...

15

5181 — Goliath. Splendid large flowering variety of robust habit, blooms profusely and is of perfect form; 2 feet...

20

5183 — Imbricated Pompon. Perfectly shaped and beautifully imbricated; mixed...

10

1—Rose Flowered

2—Chrysanthemum Flowered.

3—Mont Blanc.

4—Peony Perfection.

PER PKT.

ASTER—Continued.

5192 — Dwarf Paony Perfection, Brilliant Dark Scarlet. This novel new race of dwarf Aster is specially adapted to garden or pot culture. The color is very bright and admired by all. Haney annual; 1 ft...

20

5191 — Dwarf Paony Perfection, Crimson and White. This variety is the same as the above, except in color; the flowers are dusky mottled...

20

5190 — Paony Flowered Perfection, Mixed. One of the most perfect; very double, large, and finely-shaped, the petals beautifully incurved, of various bright rich colors; 18 inches...

10

5194 — Peony Fl'd Perfection, Pink...

15

5197 — Peony Fl'd Perfection, Blue...

15

5193 — Peony Flowered Perfection, Pure White...

15

5231 — Paony Flowered Perfection, Purple Violet...

15

5183 — Mont Blanc (Goliath). One of the largest flowering; product pure white flowers 5 inches in diameter; extra double; 2 feet...

20

5187 — Needle Perfection. Petals long, quilled and sharply pointed; mixed...

15

5193 — Rose Flowered. Pyramidal, robust habit, regularly imbricated; variously colored, large, very double brilliant flowers; 2 feet...

10

5196 — Schiller. A very fine late Dwarf Bouquet variety, profuse bloomer; mixed colors; 1 ft...

15

5205 — Victoria, Mixed. Very large, of perfectly double form, imbricated and globular, of pyramidal habit, various colored flowers; 20 inches...

15

5203 — Victoria. Pure White...

15

5188 — German White Quilted. Double pure white flowers, fine for funeral designs and bouquets; 2 ft...

5

5200 — German Quilted, Mixed. Perfectly double quilted flowers of beautiful mixed colors; 2 feet...

5

5210 — Choice German, Mixed. Per oz.$2.00...

10

5220 — Fine Mixed, China. All colors. Peroz.$1.00...

5

5220 — Perennial, Mixed. Hardy herbaceous plants, thriving in any good garden soil. Sown from a splendid collection of single varieties; if sown early in the spring, they will flower the first season...

10

Imported Collections of Asters.

5179 A. Finest Quilted, 18 varieties...

$1.00

5189 — " 10 "...

60

5199 — Truffaut's Paony Perfection, 12 var's...

1.00

5209 — Victoria, 12 varieties...

1.00

5219 — Boltze's Dwarf Bouquet, 12 varieties...

1.00

5229 — Giant Emperor, 12 Varieties...

1.00

5239 — Large Rose Flowered, 10 varieties...

75

5249 — Cocardeau, or Crown, 6 varieties...

50

5259 — Goliath, 6 varieties...

50
## BALSAMS.

<table>
<thead>
<tr>
<th>Per pkt.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5254 B. The King.</td>
<td>Brilliant scarlet; very double. $1.00</td>
</tr>
<tr>
<td>5256 - Solferrino.</td>
<td>Striped and spotted with lilac and crimson; beautiful double flowers. $1.00</td>
</tr>
<tr>
<td>5255 - Rose Flowered. Pink.</td>
<td>$1.00</td>
</tr>
<tr>
<td>5261 - &quot; Light Lemon.</td>
<td>$1.00</td>
</tr>
<tr>
<td>5262 - &quot; Violet.</td>
<td>$1.00</td>
</tr>
<tr>
<td>5257 - Extra Double White.</td>
<td>The finest strain of double white Camellia Balsams, and a profitable florists' flower. $1.00</td>
</tr>
</tbody>
</table>

## BARTONIA.

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Producing showy flowers, above its gray and downy thistle-like foliage, which are exceedingly brilliant in the sunshine. Sow where it is to remain, as it does not bear transplanting well; hardly annual; 2 feet.</td>
</tr>
<tr>
<td>5275 B. Aurea.</td>
</tr>
</tbody>
</table>

## BEANS.

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Very rapid climbers; flowering profusely and admirably adapted for covering screens, etc.</td>
</tr>
<tr>
<td>5258 B. Scarlet Runner.</td>
</tr>
<tr>
<td>5259 - White</td>
</tr>
</tbody>
</table>

## BEGONIA.

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plants of great value for summer decoration or window gardening. To secure the best results they should be planted as soon as the ground becomes warm. They are covered the whole summer with bright and elegant drooping flowers; blooming the first season from seed, if sown in February or March, in a temperature of 60 degrees; for winter and spring blooming, sow from August to October. Tubers must be kept from frost in dry sand.</td>
</tr>
<tr>
<td>5260 B. Rex Hybrida. Mixed.</td>
</tr>
<tr>
<td>5261 - Froebeli.</td>
</tr>
<tr>
<td>5262 - Peareci.</td>
</tr>
<tr>
<td>5263 - Robusta Perfetta.</td>
</tr>
<tr>
<td>5264 - Single, Mixed.</td>
</tr>
</tbody>
</table>

---

Rock Creek, Iowa — "Accept thanks for promptness and perfect accuracy in filling orders. Twenty-one years' experience ordering seeds has found no one so prompt as you." — Mrs. T. H. Lovejoy.
DREER'S half-hardy feet. Roezli. 2 sow flowers the 50*
Bryonopsis. ft. have 50 5 25 feet half-hardy blooms

BEGONIA.—Continued. PER PKT.
5280 B. Double Tuberous-Rooted, Mixed. The seed we offer has been hybridized with the greatest care, using the most double flowers, and the handsomest single varieties for that purpose... 50
5282 — Roezli. Seeds sown in April make strong plants by September; the flowers appear in October, resembling an open Peony. They are enclosed in a dark red spotted, and rapidly expand into a beautiful umbel of large size, composed of luminous deep red flowers. In a greenhouse this species blooms freely until March. A fine bouquet flower... 25
5283 — Rubra. A constant, profuse flowering summer and winter variety, effective for vases, or bedding out in half-shady positions; flowers rosy scarlet... 25
5284 — Schmidtii. Flowers white, slightly tinged with pink, contrasting finely with the dark-green foliage. Its dwarf, branching globe-shaped habit makes it a most desirable plant, being literally covered with flowers from May until November; blooms all winter in the greenhouse... 25

BIDENS. (Dahlia Zimapani.) A free flowering, dwarf-growing plant having beautiful foliage and bearing fine and attractive flowers. The roots can be preserved like Dahlias; 1 foot.
5305 B. Atrosanguinea. Rich dark crimson, with yellow anthers... 10

BOCCONIA. A beautiful, effective plant, for single specimens or groups on lawns. Foliage white on the under side, and spikes of cream-colored flowers from 2 to 3 feet long; hardy perennial; 5 feet.
5310 B. Japonica... 10

BRACHYCOME. (Swan River Daisy.) Free-flowering, dwarf-growing plants, covered during the greater part of the summer with a profusion of pretty Cineraria-like flowers; suitable for edgings and small beds, or pot-culture; half-hardy annual.
5337 B. Iberidifolia, Mixed. Light blue and white; 6 inches... 5

BROWALLIA. One of our favorite free-flowering bedding plants, covered with rich, beautiful winged flowers during the summer and autumn months, growing freely in any rich soil; blooms freely in the winter if sown in August; half-hardy annual; 15 inches.
5338 B. Elata Grandiflora Cerutea. Large sky-blue flowers with a white centre... 5
5339 — Elata Alba. Pure white flowers... 5
5340 — Elata Corenica Nana. Dwarf sky blue... 10
5335 — Mixed. All the Elata varieties... 5
5325 — Abbreviata (Patchella) Deep rose color... 20

BRYONOPSIS. A beautiful plant of the gourd species, with ivy-like pale green foliage and showy scarlet fruit, striped with white; half-hardy annual; 10 feet.
5318 B. Laciniosa Erythrocarpa... 5

CALANDRINIA. Beautiful creeping, free flowering plants, with succulent stems and fleshy leaves, adapted for rock work or hot situations, requiring light, rich soil; hardy annuals; 1 ft.
5342 C. Grandiflora, Mixed... 5

CACALORIA. (Tassel Flower.) A neat, half-hardy annual of easy culture, with tasselled flowers; blooms from July to September in clusters; fine for borders. Golden yellow and scarlet; 14 feet.
5340 C. Mixed. Per oz., $1.00... 8

CALLEOLARIA. An ornamental plant, producing a mass of beautiful pocket-like flowers early in the spring, and a universal favorite for decorating the greenhouse or conservatory.
5350 C. Hybrida Grandiflora, Tall, Mixed. Large-flowering, robust and very floriferous, being completely covered with beautiful rich, self-colored flowers; saved from a choice collection; all colors; 20 inches...
5352 — Hybrida Grandiflora Tigrina, Tall, Mixed. Large-flowering, tigred and spotted flowers; the very finest mixture of the most brilliant colors; 20 inches...
5353 — Hybrida Grandiflora Pumila Compacta. The features of this new strain are dwarf, compact, robust growth, producing immense trusses of large and varied brilliant self-colored and spotted flowers; 1 foot...
5354 — Rugosa, Mixed (Shrubby.) Small-flowering varieties for bedding; of the finest colors; 2 feet...

TUBEROUS BEGONIA. Coralipsis.

CALENDULA. (Marigold.) Showy, free-flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost; 1 ft.
5343 C. Ponge Flore Pleno. Showy, very double white flowers... 5
5347 — Rannunculoides Flore Pleno (Pet Marigold). Beautiful double orange-colored flowers... 5
5345 — Officinalis Meteor. A splendid variety, very large double-stripped and imbricated flowers, of a rich orange on a pale yellow ground... 5
5348 — Prince of Orange. This novelty surpasses in beauty the well-known popular Calendula. Meteor, the stripes around each petal are of a deep orange color, making a brilliant appearance... 10

CALLIOPSIS, or COREOPSIS. Showy and useful free-flowering plants; the tall varieties are very effective in mixed borders, while the dwarf, from their close, compact habit of growth, make fine bedding plants; of easy cultivation; hardy annuals.
5355 C. Drummondii. Large yellow, with crimson centre; 1 foot...
5357 — Nigra Speciosa. Beautiful, rich, velvety-crimson; 2 feet...
5359 — Mixed. All the choice kinds; 2 to 3 feet.
Per oz., 60 cts...

CAMELLIA. Favorite winter flowering, half-hardy greenhouse-shrubs. Soak the seed before sowing, as they lie long dormant; sow in sandy peat and loam. Seed saved from the finest double varieties.
5370 C. Japonica Double, Mixed. From 5 to 10 ft.25

Merion, Pa.—"Your seeds have given the best satisfaction; have been using them for 16 years."—Chas. H. Carpenter
CAMPANULA.
(Bell-Flower.)
Well-known beautiful hardy herbaceous perennials, bearing a great profusion of attractive bloom, thriving best in light rich soil; some of the varieties flower the first season if planted early. Carpathia and Speculum are fine for beds, edgings and ribbon-gardening.
5358 C. Pyramidalis. A beautiful and stately plant, either for garden or pot-culture; mixed blue and white flowers; hardy perennial; 3 feet........... 5
5357 — Carpathia, Mixed. Free flowering, blue and white mixed, continuing in bloom the whole season; inches......... 5
5356 — Macrostyle Rosacorona. A new, beautiful rose-flowering variety of this favorite type; hardy perennial, flowering first season, if sown early; 2 ft.15
5420 — C. Annuus, Mixed. Beautiful large bell-shaped flowers; effective plants for the border or pot culture; hardy biennial; 2 ft.; 5

CANDYTUFT.
(Iberis.)
A beautiful and useful plant of the easiest culture, for growing in beds or masses; the white varieties are extensively grown by florists for bouquets; by frequent sowings they can be had during the winter and summer.
5351 I. Fragrant (Posthuma). Pure white, sweet-scented; 1 foot. Per oz., 50 cts............. 5
5352 — White Rocket (Amara). Large trusses of pure white flowers; much prized by florists; 1 foot. Per oz., 50 cts............. 5
5353 — White Tom Thumb (Coronaria Nana). This variety grows 6 inches high and forms a round bush about 16 inches in diameter, covered with large white flower heads of great substance.................. 10
5354 — Umbellata Linneana. Of a purplish or deep lilac color; 1 foot.......... 5
5355 — Umbellata Purpurea. Dunnett's darkest crimson; very beautiful; 1 foot........ 5
5356 — Umbellata Cream. This new variety is of dwarf, compact habit, and bears a mass of extra fine carmine bloom; 6 inches........ 10
5390 — Fine Mixed. All the above tall-growing varieties; 1 foot. Per oz., 50 cts............. 5
5387 — Umbellata Nana, Mixed Dwarf. These elegant new dwarf hybrids are very floriferous, and remarkable for their numerous and brilliant colored flowers, shading from pure white into dark purple; 6 inches .......... 10
5388 — Sempervirens. A profuse white blooming hardy perennial, adapted for rockeries, baskets, etc., coming in flower early in the spring, and continuing a mass of beauty for a long time; 1 foot......... 10

CEDRONELLA.
A hardy perennial plant, with fragrant foliage and long spikes of purplish flowers, remaining in bloom a long time; 2 feet.
5435 C. Cana. Per oz., 50 cts............. 5

CANNA.
(Indian Shot Plant.)
Tall, ornamental plants, producing a rich effect by their large, broad and massive foliage, terminated by racemes of crimson, orange, or scarlet flowers. Sow the seed 12 hours in hot water before planting; sow in sandy loam and peat, and place in a hot-bed; when up to the second leaf, pot off singly and keep under glass until the proper season for planting out; take up the roots before frost, and preserve in a warm cellar or room; half-hardy perennials.
5391 C. Biorelli. Scarlet; rich brown leaves; 2 ft.; 10
5392 — Bonneti Excelsa. Foliage green and purple; flowers large orange-red; 6 feet............. 10
5393 — Coquette. Foliage green and bronze; the largest orange-colored flowers; 6 feet............. 10
5394 — Marocani Vailiant. Foliage rich maroon, with large orange-colored flowers; 6 feet............. 10
5395 — Monsien Alleloggia. Foliage large, green, and bronzy purple, orange-red flowers; 4 feet............. 10
5396 — A. Weckia. A. Weckia; 6 feet............. 10
5397 — Nigricans. Scarlet flowers, foliage intensely dark; 7 feet............. 10
5398 — Ornament du Grand Rond. Foliage bronze; blooms large, scarlet flowers; 6 feet............. 10
5401 — Premices de Nice. Showy bright green leaves and splendid large golden flowers; 6 feet............. 10
5403 — President Faivre. Foliage maroon, large brilliant crimson flowers; 6 feet............. 10
5404 — Tricolor. Foliage green, with large orange and orange-yellow, low flowers red; 3 feet............. 10
5409 — Choice Mixed. All colors. Per oz., 40 cts.... 5
5399 — Collection of 12 varieties of Canna. $1.00

CARDIOSPERMUM.
(Ballon Vine, or Love in a Puff.)
A rapid-growing plant; succeeds best in a light soil and warm situation; flowers white; half-hardy annual; 5 ft.
5273 C. Halicacabum. Per oz., 50 cts............. 5

CARNATION or PICOTEES.
(Dianthus Caryophyllus Flora Pleno.)
Carnations and Picotees Pinks are general favorites for their delicious fragrance and richness of color. The seed we offer has been imported from the best sources in Europe, and will produce many splendid novelties in double and semi-double flowers; protect during the winter; half-hardy perennials; 1½ feet.
5425 C. Finest German. Mixed colors; saved from extra fine double named flowers.................. 50
5426 — Remontant, or Tree (Double Perpetual). Mixed colors; saved only from the finest and choicest double named flowers.............................. 25
5427 C. Grenadin. A new dwarf, compact variety of great value to florists and market gardeners; producing a profusion of large double brilliant scarlet-colored flowers, three weeks earlier than any other variety; fine for borders or masses; 1 foot........... 25
5430 — Fine Double, Mixed. The hardiest and best varieties for garden culture.............................. 25
5429 — Collection of finest German Carnation, 12 varieties, each separate.............................. $1.00

CENTRANTHUS.
Pretty, free flowering, compact-growing plants, with long-tubed flowers produced in clusters; fine for masses; succeeds in any garden soil; hardy annuals; 1½ feet.
5470 C. Mixed. All colors; 1½ feet.......................... 5

Please order Flower Seeds by number; writing the name after the number is no aid to correct filling.
### CELOSIA

Free blooming graceful plants, growing best in rather light soil not too rich, producing spikes of beautiful, feathery and comb-shaped flowers; grown in pots they are fine for the greenhouse or conservatory. The spiked flowers are very attractive and useful for cutting and drying for winter. The flowers should be cut while young, dried, and then used, or placed in a dark room for a few days. The Cristata varieties are the well-known Cockscomb. All the Celosias are half-hardy annuals.

<table>
<thead>
<tr>
<th>Seed Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. Golden Plume</td>
<td>Pyramidal habit. The flowers are bright golden yellow, and are borne in profusion over the whole plant, giving it a rich golden appearance; 3 feet</td>
</tr>
<tr>
<td>C. Cristata Variegata</td>
<td>Magnificent; large heads variegated with crimson, orange, green, shaded and striped; of the most brilliant hues; $3.00. 15 heads.</td>
</tr>
<tr>
<td>C. Aureum</td>
<td>Showy and effective garden favorites, extensively grown for cut flowers. The Hardy Annuals are summer-flowering border plants; good for pot culture, and quite distinct from the autumn flowering varieties; 2.5 feet.</td>
</tr>
<tr>
<td>C. Burridgeanum</td>
<td>Attractive single flowers, crimson, with white edge and inner white circle, fine for cut flowers; 1 foot.</td>
</tr>
<tr>
<td>C. Inodorum</td>
<td>New variety, producing large double white flowers; an excellent bouquet flower; 20 inches.</td>
</tr>
<tr>
<td>Choice Mixed</td>
<td>Double. Doubles. Doubles. Doubles. These and the above are all half-hardy annuals.</td>
</tr>
</tbody>
</table>

### CHAMÆPEUCE

(Ivory Thistle)

An elegant perennial Thistle, very ornamental for garden decorations; the mid-rib and spines are ivory-white and the leaves glossy green, shaded by a snowy down; 2 feet. 50 pieces.

### CINERARIA

(Cape Aster)

A favorite attractive free flowering plant, blooming during the winter and spring months; perennials, but do best treated as tender annuals.

<table>
<thead>
<tr>
<th>Seed Type</th>
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</tr>
</thead>
<tbody>
<tr>
<td>C. Hybrida Tall, Mixed</td>
<td>Saved from extra choice flowers and colors; 2 feet.</td>
</tr>
<tr>
<td>Dwarf, Mixed</td>
<td>Dwarf compact, saved from extra choice flowers and colors; 4 feet.</td>
</tr>
<tr>
<td>Grandiflora Prize, Tall Mixed</td>
<td>This strain is unsurpassed, for beautiful colors and size of flowers, selected from prize varieties; 2 feet.</td>
</tr>
</tbody>
</table>

### CENTAUREA

Fine for bedding, vases, hanging baskets and pots; also extensively used for margins. Sow the seed from December to April in a temperature of 60 degrees; half-hardy perennials.

<table>
<thead>
<tr>
<th>Seed Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. Gymnocarpa</td>
<td>Very graceful, fine cut, silvery-gray foliage; 11 feet. Per 1,000 seeds, $2.00. 15 heads.</td>
</tr>
<tr>
<td>C. Cyanus, Mixed</td>
<td>A robust, free growing plant, with crowns of silvery leaves, deeply fringed and cut; 11 feet.</td>
</tr>
<tr>
<td>C. Cyanus</td>
<td>In bloom all summer; mixed colors; 11 feet.</td>
</tr>
<tr>
<td>Suaevoleus</td>
<td>Fragrant, bright yellow.</td>
</tr>
</tbody>
</table>

### CHRYSANTHEMUM

Showy and effective garden favorites, extensively grown for cut flowers. The Hardy Annuals are summer-flowering border plants; good for pot culture, and quite distinct from the autumn flowering varieties.

<table>
<thead>
<tr>
<th>Seed Type</th>
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</tr>
</thead>
<tbody>
<tr>
<td>C. Burridgeanum</td>
<td>Attractive single flowers, crimson, with white edge and inner white circle, fine for cut flowers; 1 foot.</td>
</tr>
<tr>
<td>Dunnetti Flore Pleno</td>
<td>Double white.</td>
</tr>
<tr>
<td>Aureum</td>
<td>Double yellow.</td>
</tr>
<tr>
<td>Inodorum Flore Pleno</td>
<td>A new variety, producing large double white flowers; an excellent bouquet flower; 20 inches.</td>
</tr>
<tr>
<td>Choice Mixed</td>
<td>Double. Doubles. Doubles. These and the above are all half-hardy annuals.</td>
</tr>
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</table>

### CLEOME

(Spider Plant)

Singular-looking rose-like flowers; the stamens look like spiders' legs, and present a very attractive appearance; half-hardy annual; 3 feet.

### CLEMATIS

Rapid-growing climbers, fine for arbors and verandas; the small varieties flower in clusters, and are very fragrant; the large flowering varieties are very handsome, and are continually in bloom. Soak the seed in warm water for 24 hours before sowing; hardy perennials; 15 ft. 5758 C. Flammula (Virgins Bower). Producing beautiful clusters of small white fragrant flowers. 10 pieces.

### COLEUS

Our new strain of hybrid varieties produces the finest colored, most attractive and novel foliage plants for house or garden culture. Sow in March or April. Mixed colors.

<table>
<thead>
<tr>
<th>Seed Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. Dreer's Hybrids</td>
<td>25 pieces.</td>
</tr>
</tbody>
</table>

### COLLIINSIA

Very pretty free flowering plants, blooming in whorls and several whorls around each flower stem, mixed of all varieties and colors; hardy annual; 11 feet.

<table>
<thead>
<tr>
<th>Seed Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixed</td>
<td>10 pieces.</td>
</tr>
</tbody>
</table>

Indianapolis, Ind. — "I have been buying from you for 15 years, and have always been satisfied." — Mrs. J. H. Tompkins.
CLARKIA.
An old favorite half-hardy annual plant, growing in any garden soil and producing freely its cheerful flowers early in the season. sow the seed early in the spring or in the autumn; 1½ feet.
5560 C. Single. Mixed colors.......................... 5
5570 — Double. Mixed Colors........................... 5

CLANTHUS.
(Australian Glory Pea.)
A beautiful greenhouse perennial shrub, bearing clusters of drooping, brilliant, rich scarlet, pea-shaped flowers 3 inches in length, each flower picturequely marked with a large, black blotch in the centre. Plant out in May or June, when the weather has become warm, in a rather dry, sheltered, sunny position; 4 feet.
5584 C. Dampieri....................................... 25

COBEA.
A climber of rapid growth, flowering the first season if sown early in the house or hot-bed. In sowing, place seeds edgewise and merely cover with light soil; half-hardy perennial; 20 feet.
5586 C. Scandens Large, bell-shaped purple flowers. 10

CONVOLVULUS MAJOR.
(Morning Glory.)
One of the most free flowering and rapid growing plants in cultivation, thriving in almost any situation; the beauty and delicacy of their brilliant colors are unsurpassed; hardy annuals; 15 feet.
5625 C. Large Blue........................................... 5
5626 — Large White........................................ 5
5621 — Burridgi. Flowers large rosy crimson, with a white centre............................................ 5
5630 — Mixed. All colors. Per oz., 20 cts................ 5
5629 — Collection of Climbing Morning Glory, 10 varieties.......................................................... 10

COCCINEA.
A handsome climber of the gourd species, flowering the first season if started early in heat, with beautiful smooth, glossy, ivy-like leaves, contrasting with the fine, snow-white, bell-shaped flowers, and brilliant carmine fruit; half-hardy perennial; 10 feet.
5688 C. Indica.............................................. 10

COMMELINA.
A tuberous-rooted, free blooming, very pretty plant; succeeds in a light, rich soil. The roots can be preserved like Dahlias; half-hardy perennials, blooming the first season from seed; 15 feet.
5605 C. Cecotis Carnulca. Rich sky-blue............... 5
5603 — Cecotis Alba. Pure white.......................... 5

CUPHEA.
(Lady's Cigar Plant.)
A very free flowering plant, bearing tubular flowers of a bright red color; very floriferous.
5655 C. Rozei Grandiflora Superba............... 15

CYCLAMEN.
Charming bulbous-rooted plants, with beautiful foliage, and rich colored orchid-like fragrant flowers; universal favorites for winter and spring blooming. if seed is sown early they make flowering bulbs in one season; they require sandy loam; half-hardy perennial; 6 inches.
5633 C. Atro-Rubrum. Large dark crimson............. 25
5602 — Album. Pure white.................................. 25
5670 — Mixed. All colors.................................. 25

CYCLAMEN PERSICUM.
This new large flowering variety has beautiful mottled leaves, broad petals, and stout flower stalks, throwing the flowers well above the foliage; 8 inches.
5638 C. Rubrum. Rose, changing to crimson.......... 50
5657 — Album. Pure white, violet-purple eye........ 50
5690 — Mixed. Rich colors................................ 50

CYCLAMEN GIGANTEUM.
One of our most popular vines, with very delicate, fern-like foliage, and masses of beautiful small, star-shaped flowers.
5674 C. Crimson. Per oz., 50 cts....................... 5
5676 — White. Per oz., 50 cts. ........................ 5
5680 — Mixed. White and crimson. Per oz., 50 cts.. 5
5677 — Hederafolia Cocinea (Scarlet Ivy-leaved). A rapid climbing variety, with deeply lobed, ivy-like leaves, and small, fiery scarlet flowers, produced in profusion the whole summer. Per oz., 75 cts.... 5

It is only necessary in ordering seeds to state number of packets wanted, corresponding number in catalogue, and price.
CYCLANTHERA.
A climbing plant of the gourd species, free growing, handsome foliage and oval-shaped fruit, exploding loudly when ripe; half-hardy annual; 10 feet.
5672 C. Explodens .................................. 5

DAISY.
(Bellis Perennis.)
A favorite plant for beds or pot culture, or for edging in shady situations; in bloom from April to June. The seed we offer is saved from the finest double varieties; half-hardy perennials. Daisies may be easily raised from seed sown in the spring and had in flower in short space of time.
5690 D. Mixed ........................................ 20
5682 — Double White.................................. 20
5684 — Longfellow. This variety comes true from seed; it is of unusual size and has very double dark rose flowers. .................................................. 25

Datura.
(Trumpet Flower.)
In large clumps and borders of shrubbery they produce an excellent effect, continuing in bloom until frost; flowering the first year from seed, if sown early. They can be preserved in sand during the winter in a dry cellar free from frost; half-hardy perennials; 3 feet.

Dianthus.
••••
10

DELPHINIUM.
(Larkspur.)
One of our most showy and useful plants, possessing almost every requisite for the adornment of the garden; the hardy perennials producing splendid spikes of flowers in profusion throughout the summer. If sown early they bloom the first year from seed. The hardy annuals are profuse bloomers, and succeed best if sown in the autumn, or very early in the spring.
5705 D. Formosum. Beautiful spikes of brilliant rich blue flowers, with a white centre; 2 1/2 feet. .......... 10
5706 — Nudicaule. Dwarf, of compact growth, and quite late; mixed colors; 1 foot. .................. 5
5710 — Double Dwarf Rocket (Hypocistiflower Larkspur). Finest mixed; 1 foot. Per oz., 60 cts. 5
5713 — Double Dwarf Candelabra Flowered. Shaped like a candelabra; flowering until quite late; mixed colors; 1 foot. ........................ 5
5711 — Double Stock Flowered. A tall-branching variety, with beautiful long spikes of flowers of various colors; fine for cut-flowers; 2 feet. ............... 3
5715 — Imperiale Flore Pleno (Emperor Larkspur). Of symmetrical bushy habit, with a profusion of brilliant dark blue, red-striped and tri-color flowers; 1 1/2 feet. .......... 2
5709 Collection of Dwarf Rocket Larkspur; 10 varieties ........................................ 10
5719 Collection of Stock Flowered Larkspur; 8 varieties ........................................ 10

DELPHINIUM.
5740 D. Hedgewigi Diadematus Flore Pleno
(Double Budded Japan Pink). Beautiful double flowers from 2 to 3 inches in diameter; mixed of varied tints of lilac, crimson, purple, to very dark purple, with the outer edges fringed and nearly white; dwarf compact-growing plants. .................. 10
5728 — Lacinatus Flores Pleno (Double Fringed Japan Pink). Large double showy flowers with fringed edges, mixed, various colors, and beautifully striped. ........................................ 10

Cincinnati, O — "Am much obliged for your promptness, and also for the 'Extras.'" — Miss Mitchell.
Dianthus—Continued.

5723 D. Nana Atrorubens. A dwarf plant producing globular double dark red flowers in great profusion; 6 inches. 10

5725 — Pheasant's Eye (Plumarina Simplici). A beautiful single variety, with fringed-edged white flowers, and a dark centre; hardy perennial; 1 foot. 5

5727 — Plumaris Scoticus Flore Pleno (Double Scotch, or Paisley Pinks). Double large flowering, with fringed edges of various colors, mixed; 1 foot; hardy. 20

5742 — Fine Garden Pinks (Hortensia Varieties). Beautiful double mixed colors; 2 feet; hardy. 10

5739 Collection of China and Japan Pinks, 12 varieties, each color separate. 30

Dictamnus.

(Fraxinella.)

A hardy perennial, fragrant, free flowering, herbaceous plant, suitable for mixed borders; thrives in any common soil; producing racemes of flowers, often 1 foot in length.

5745 D. Mixed. White and red; 2 feet. 10

Digitalis.

(Foxglove.)

A handsome and highly ornamental, hardy perennial plant, of stately growth, fine for shrubbery and other half-shady places; 3 feet.

5750 D. Mixed. Of all colors and the finest varieties. 5

Dolichos.

(Hyacinth Bean.)

A dwarf French Hyacinth Bean, with beautiful clusters of purple and white flowers; tender annual; 2 feet.

5760 D. Lablab Nana, Mixed. Per oz., 30 cts. 5

Eccremocarpus.

(Calampelis.)

A rapid growing climber, with pretty foliage; producing in profusion clusters of orange, tube-shaped flowers.

5775 E. Seabever. 5

Echeveria.

Very desirable plants for bedding or for borders, blooming the second season. They can be wintered in a light cellar free from frost.

5776 E. Mixed. 25

Eschscholzia.

(California Poppy.)

Very attractive plants for beds, edgings, or masses; profuse flowering and fine cut foliage, in bloom from June till frost; hardy annuals; 1 foot.

5788 E. Croceum Atrumten. Rich orange. 5

5787 E. Croceum Alba. Creamy white. 5

5796 — Mandarin. Inner side of the petals rich orange, the outer side brilliant scarlet; when in full bloom the plants of this charming novelty present a gorgeous outline. 10

5790 — Croceum Flore Pleno, Mixed. A double flowering, orange-scarlet and white. 10

5795 — Rose Cardinale. A charming new variety, producing freely, beautiful large flowers, of intense carmine. 10

5800 — Mixed. All colors. Per oz., 50 cts. 5

Erysimum.

(Hedge Mustard.)

A showy free flowering, hardy annual, somewhat resembling the single wall-flower, very effective in beds or borders.

5781 E. Perennisinn. Fragrant orange-colored flowers; 1½ feet. 5

Erythrina.

(Coral Plant.)

An ornamental half-hardy perennial shrub, fine for out-door summer decoration, with beautiful foliage and superb spikes of scarlet pea-shaped flowers; 5 feet.

5786 E. Costa-Galla. 20

Eupatorium.

(Ageratum.)

A very pretty herbaceous hardy perennial plant, blooming the first season from seed, producing clusters of snowy-white flowers; fine for cutting and bouquets; 1½ ft.

5794 E. Frasero. 10

Euphorbia.

(Snow on the Mountain.)

Attractive foliage, with white and green bracts on the tip of each branch, veined and margined with white; 2 ft.

5790 E. Variegata. 5

Eucharidium.

A rare and beautiful plant, of dwarf spreading habit and narrow lanceolate foliage. The color of the flowers is a pleasing purplish rose, shading to white in the centre. It flowers very profusely and is of easy culture.

5798 E. Brewer. 20

Everlastings.

This class of plants has become very popular, and they are generally cultivated for their beautiful rich-colored flowers, which are desirable for making up winter bouquets, wreaths, and Christmas decorations. They should be cut when they come into full bloom, or before the flowers get too old and lose their bright colors, tied in small bunches, and dried slowly in the shade, with their heads downwards, to keep the stems straight.

Gomphrena.

Acroclinium.

Acroclinium.

Charming border plants with beautiful flowers, growing freely in any good garden soil; half-hardy annuals; 1 foot.

5021 A. Roseum. Bright rose. 5

5030 — Mixed. Per oz., 60 cts. 5

5025 — Roseum Flore Pleno. This new double rose-colored variety is the best yet introduced. The flowers are larger than the single, plant taller and more branching; 1½ feet. 10

Order Flower Seeds by number; writing the name after the number is no aid to correct filling.
## EVERLASTINGS—Continued.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>5112</td>
<td>A. Alatum. Showy small white flowers</td>
<td>5</td>
</tr>
<tr>
<td>5114</td>
<td>Alatum Grandiflorum. Flowers pure white and double to the size of above</td>
<td>10</td>
</tr>
<tr>
<td>5091</td>
<td>Gomphrena (Globe Amaranth, Bachelor’s Button). Handsome flowers of various colors</td>
<td>5</td>
</tr>
<tr>
<td>5892</td>
<td>G. Alb. Pure white</td>
<td>5</td>
</tr>
<tr>
<td>5895</td>
<td>Purpurea. Rich crimson</td>
<td>5</td>
</tr>
<tr>
<td>5893</td>
<td>Aurea. Orange-colored</td>
<td>5</td>
</tr>
<tr>
<td>5900</td>
<td>Mixed. All colors. Per oz., 50 cts.</td>
<td>5</td>
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<tr>
<td>5842</td>
<td>H. Sanford.</td>
<td>10</td>
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<tr>
<td>5928</td>
<td>Atro-Sanguineum Nanum. A new dwarf variety, with deep crimson flowers</td>
<td>1 foot</td>
</tr>
<tr>
<td>5930</td>
<td>Finest Mixed. All varieties and colors. Per oz. 81.00</td>
<td>5</td>
</tr>
<tr>
<td>5925</td>
<td>H. Alatum. Pure white</td>
<td>5</td>
</tr>
<tr>
<td>5928</td>
<td>Atro-Sanguineum.</td>
<td>5</td>
</tr>
<tr>
<td>6462</td>
<td>R. Atto-Sangineae. Disk of the flowers of a dark crimson shade, with ray scales of bright purple</td>
<td>10</td>
</tr>
<tr>
<td>6460</td>
<td>Fine Mixed</td>
<td>10</td>
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</tbody>
</table>

## FENZILIA.
A small dwarf produce flowering plant, adapted for small beds, rustic work, vases, or pot culture, blossoming all summer, and requires to be well supplied with moisture; hardy annual; easy, like, with crimson centre; 3 in. | 15 |

## FERNS.
These ornamental plants are very desirable for Wardian cases or ferneries; thriving in a peat, sandy soil, and moist, shady positions in the garden during the summer. The seed is however slow of germination, and requires care and considerable patience before it makes its appearance. Sow in the spring in shallow boxes, barely covering the seed with soil; keep moist with a covering of fine moss, and in a temperature of 60 degrees. | 25 |

## FEVERF. (Matriaria Eximia.)
Free flowering herbaceous plants, succeeding in any garden soil; a fine bedding plant or for pot-culture; blooms until frost; hardy perennial, blooming the first season if sown early; 18 inches. | 25 |

## GAURA.
An elegantly branching free flowering plant, in bloom the whole summer, succeeds in a sandy loam; with spikes of white blossoms tinted with red; hardy annual, 3 ft. | 5 |

## GERANIUM.
A popular bedding plant for the house or garden, extensively used for massing; half-hardy perennial; flowering the first season; from 1 to 3 feet. | 5 |

## GALLARDIA.
Very pretty dwarf plants, early, free flowering, fine for massing and rock work; hardy annually; 1 foot. | 5 |

## Gallicia.
(Lady’s Ear-Drop.)
A well-known popular greenhouse plant of easy culture, for the house or shady situations in the garden; the seed we offer is saved from the finest single and double named varieties. | 25 |
FOR THE FLOWER GARDEN.

59

GAILLARDIA.
Splendid bedding plants, remarkable for the profusion, size, and brilliancy of their flowers, continuing in beauty during the summer and autumn; half hardy annually; 1 ft. 5557 G. Picata (Painted Lady). Crimson, bordered with orange, very showy. 5
5549 Mixed. Fine colors with an erect habit; choice varieties; 2 ft. 5
5582 Briza. A charming diffuse flowering "so-called" double variety, entirely distinct from the single flowering. Selected from six different shades of color; fine for massing, and useful as a bouquet flower, continuing in bloom until frost. 10

GESNERIA. A beautiful hot house, bulbous-rooted plant, producing brilliant colored flowers. Requires a light, rich, peaty soil; choice varieties; 2 ft. 5
5585 G. Mixed. 25

GRASSES, ORNAMENTAL.
These form a beautiful and attractive addition to the Flower Garden; their graceful forms give a pleasing relief to the brilliancy of their showy companions. When carefully dried, they are useful in making up winter bouquets, etc.
Cut when in full bloom, tie in small bunches and hang up in a dry, dark place, with heads down. They are nearly all annuals; those which are perennial, with which they can be mistaken, will very rarely be destroyed as seeds. Sow in May, and transplant or thin them out so as to give sufficient space for each to grow.
AGROSTIS. Exceedingly beautiful, feathery and graceful, and hardy annual; 1 ft. 5
5560 A. Mixed. 5

ARUNDO (New Zealand Pampas Grass). A variety similar to the Pampas, with long, graceful, drooping leaves, and silvery plumes, on stems 10 feet high; fine for specimens on lawns or for massing in clumps; hardy perennial.
5567 A. Donny Variegenta. 15
AVENA (Oxmaster Oats). Pretty, large, drooping spikes, on slender stems; hardy annual; 2½ ft. 5
5545 A. Sterilis. Per oz., 60 cts. 5

BRIZA (Rattlesnake, or Quaking Grass). A beautiful variety, in great demand for ornamental work and grass bouquets; hardy annual; 1 ft. 5
5511 B. Compacta. Erect, compact, with elegant ruffles. 5
5513 — Maxima. Large racemes of beautiful ruffles. Per oz., 60 cts. 5

GRASSES, ORNAMENTAL—Continued.
ERIANTHUS. Hardy perennial, exquisite white plumes resembling the Pampas Grass. Fine for lawns if planted in clumps. Flowers the first season if sown very early in the greenhouse or hot bed; 10 ft. 5
5582 E. Raveunea. 10
EULALIA. Hardy perennial, long narrow leaves, striped white and green, exceptionally rich in flower spikes of a light violet color, not unlike a curled ostrich feather. 5
5582 E. Japonica. 10
GYSBERGIUM (Pampas Grass). Half-hardy perennial, blooms the second season from seed; will stand out winter, if protected with straw or hay down and covered with earth; the most noble grass in cultivation; producing beautiful plumes on stems from 6 to 10 feet high. 5
5593 G. Argentum. Splendid white silvery plumes; 10
5594 G. Arundinum Pinnata Variegata. Hardy; beautiful large silvery plumes. 15

PAMPAS. GORDITA.
HORDEUM (Squarred Tail). Very handsome light purple plumes; hardy annual; 3 ft. 5
5555 H. Jubatum. 5
LAGURUS (Horsetail). Beautiful small white heads or spikes of bloom, excellent for bouquets; hardy annual; 1 ft. 5
5553 L. Ovatus. 5
LASIAGROSTIS. A beautiful silvery-white grass; hardy perennial; 2 ft. 5
5592 L. Argentea. 5
STIPA (Feather Grass). Hardy perennial, beautiful, delicate, white, feathery bloom; in great demand for ornamental work and florists' use, flowering the second season from seed. The seed is slow to vegetate; 2 feet.
5558 S. Pinnata. Per oz., $1.00; 1 lb., $10.00. 10

TRICHOLENA. A very beautiful rose-tinted grass; hardy perennial, flowering the first season from seed; 2 feet. 5
5588 T. Rosea. 10
5588 Collection. Contains specimens of each of the above varieties. $1.15

GLADIOLUS.
Seed saved from choice named varieties; half-hardy perennial bulbs.
5556 G. Fine Hybrid Mixed. 10

GLAUCIUM (Horn Poppy.)
An ornamental foliage plant, for margins, etc., with long, recurved, silvery leaves, deeply cut to the rib, forming two rows of leaves; of vigorous growth, contrasting finely with colored foliage plants. Flowers are orange-yellow, bell-shaped and drooping; hardy biennial; 2 feet.
5556 G. Cornutilatum. Per oz., $1.00. 10

GLOXINIA HYBRIDA CRASSIFOLIA.
1 a bulbous-rooted plant, producing in great profusion, during the summer months, its large bell-shaped flowers, of the richest and most beautiful variety of brilliant colors; the bulbs must be kept warm and dry during the winter; 1 ft. 5
5583 G. Grandiflora Erecta, Mixed. Rich colored, erect flowers. 25
5582 — Grandiflora Horizontalis, Mixed. Rich colored, horizontal flowers. 25
5586 — Grandiflora Pinnata, Mixed. Rich colored, drooping flowers. 25
5580 — Grandiflora, Mixed. 25

It is only necessary in ordering seeds to state number of packets wanted, corresponding number in catalogue and price.
DREER’S REliable SEEDS

GNAPHALIUM. (Edelweiss.)

Principally found on the Alpss of Switzerland. Seed must be sown early in spring in shallow pans or boxes filled with sandy soil and leaf mould, and should be kept cool and moist; when plants are large enough transplant in open ground not exposed to too much sun.

5885  G. Leontopodium... .......................... 25

CODETIA.

An attractive hardy annual, deserving more extensive cultivation; profuse flowering plants, growing in any garden soil; all colors; 1 foot.

5890  G. Mixed.............................. 5

GOURD. (Cucurbita.)

Rapid growing, interesting plants with ornamental foliage, and varieties of singular shaped fruit; tender annuals; 15 to 20 feet.

5903  G. Cucurbita. The Dipper.......................... 5
5905  — Heracles’ Club. Club-shaped; 4 feet long.. 5
5904  — Egg-Shaped. Fruit white like an egg....... 5
5906  — Orange-Shaped, or Mock-Orange............. 5
5901  — Bottle-Shaped........................... 5
5912  — Turks’ Turban. Red striped.................. 10
5911  — Pear-Shaped. Striped; very showy........... 10
5902  — Argyro sperma. Dish Rag, or Bonnet Gourd.10
5907  — Tricosanthes Columbina (True Serpent Gourd). Striped like a serpent, changing to brilliant carmine when ripe; 5 feet in length............ 10
5910  — Fine Mixed. From a large collection. Per oz., 50 cts........... 5

GREENHOUSE AND STOVE PLANTS.

6599 Collection containing 25 choice varieties...$2.00

HELIOTROPE.

A half-hardy perennial, flowering during the whole season; its delightful perfume makes it a most desirable bouquet flower; a splendid bedding plant, or can be trained as a greenhouse climber. Seed sown in the spring will make fine plants for summer blooming.

5940  H. Mixed.............................. 10

HUMEA. (Sunflower.)

Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for borders. The seed is also good for feeding poultry; hardy annuals.

5920  H. Nannus. Dwarf very double orange-colored flowers; 4 feet. Per oz., 50 cts........... 5
5922  — Nannus Polis Variegatus. Bushy pyramidal-shaped plants, the leaves are spotted and striped with yellow. Effective for planting singly, in groups, or interspersing with other foliage plants; 4 feet.... 10
5921  — Globosus Fistulosus. Flowers large double, of a rich saffron color; 6 feet. Per oz. 60 cts........... 5
5923  — Oscar Wilde. Beautiful golden yellow, with jet black centre; single, 4 feet................... 5

HIBISCUS.

Showy, ornamental plants, for mixed beds or shrubbery borders, having large-sized, varied, and beautiful colored flowers.

5944  H. Africanus. Large, cream-colored flowers, with a brown centre; hardy annual; 11 feet........... 5
5945  — Palustris. Large pink flowers; hardy perennial; 3 feet.......................... 5

HOLLYHOCK. (Althaea Rosea.)

This splendid plant now ranks with the Dahlia for summer decoration, and from its stately growth and the varied colors of its magnificent large spikes of flowers, may justly claim a place in every large garden or pleasure ground. Our seed has been saved from the best named varieties. Seed sown in June and July will flower the following summer; hardy.

5959  H. Extra Choice Double, Mixed............... 10
5946  — Double White. Extra strain of perfectly double, pure white flowers........................................ 15
5948  — Double Yellow, Comprising all the shades of red........................................ 15
5947  — Double Pink and Red. Comprising all the shades of red........................................ 15
5949  — Chatzer’s Prize Collection of 12 varieties, each color separate.......................... $1.00

HONESTY. (Lunaria.)

Hardy biennial, admired for its silvery seed pouches, which are used for house ornaments, as they present a beautiful and rather curious appearance.

5993  L. Biennis. 2 feet........................ 10

Newburyport, Mass.—“Seeds received all right. Your liberality and promptness shall be appreciated.”—J. A. Keniston.
HYACINTH BEAN.
(Dolichos Lablab.)
A rapid growing plant, flowering freely in clusters, for covering arbors, trellises, etc. Sow the seed in the garden where desired; tender annual; 10 feet.
5770 I. Mixed. Per oz., 20 cts. .............................. 5

IRIS.
(Fleur-de-Lis.)
Hardy perennial, tuberous-rooted, early spring blooming garden plants, growing about two feet high, with large ornamental flowers of the richest colors, striped, veined, variegated, upon a lighter ground.
5982 I. Mixed .......................................................... 10

IMPATIENS.
One of the most distinct and beautiful plants of recent introduction for the warm greenhouse or summer bedding; owing to its gorgeous coloring and profuse and continuous flowering it is rapidly becoming popular. This plant is of compact, neat habit of growth, with good constitution, and almost a perpetual bloomer. Planted out in the open ground at the end of June it grows luxuriantly, flowers with the greatest profusion, and produces an admirable effect until cut down by frost. The flowers are of a brilliant rose-scarlet color, about 1½ inches in diameter.
5981 I. Sultani ......................................................... 25

IPOMÈA.
(Morning Glory Varieties.)
Tender annuals of rapid growth, with beautiful and varied flowers; for covering old walls, trellises, arbors, or stumps of trees, they are invaluable; 15 feet.

LAVATERA.
A fine herbaceous climber, with large elegant tubular flowers.
5991 L. Rosea. Bright rose ........................................ 25

LATHYRUS.
(Everlasting Pea.)
Showy, free flowering plants, for covering old stumps, fences, etc.; hardy perennials.
6010 L. Latifolius. Mixed. Flowers purple and white; 5 feet. Per oz., 80 cts. .................................................. 5

LAVATERA.
A distinct and new species of Variegated Foliage plants. It is quite constant from seed, but like the Striped Maize the variegation becomes more striking as the plants grow large. Sow early in April or May.
6012 L. Arborea Variegata ............................................ 15

LILIUM (LILIES).
These are some of our most beautiful plants for the conservatory or flower garden. The seeds are of slow germination, often lying several months before vegetating, and are best sown in pots or boxes where they will not be disturbed; they should be planted in a rather dry soil; 3 ft.
6014 L. Anatum and Lanceolatum. Mixed ..................... 50

LEPTOSYNE.
Showy profuse blooming annual, bearing large yellow flowers resembling a Single Fohnia. It thrives in any good soil and is a very desirable plant.
6011 L. Maritima. Large golden yellow .......................... 10

IPOMOPSIS.
(Standing Cypress.)
One of our most attractive free flowering plants, with fine foliage; beautiful for conservatory or garden decorations; succeeds in a dry, rich soil, producing long spikes of dazzling colored flowers; half-hardy biennials, blooming the first season if the seed is sown early in the house or hot bed; 3 feet.
5977 I. Elegans. Beautiful long spikes of scarlet flowers resembling the Cypress Vine ........................................ 5
5980 — Mixed. Of various orange and scarlet-colored flowers ...................................................... 5

KAULFUSSIA.
Desirable compact dwarf free flowering plants, resembling Single Asters; hardy annual.
5986 K. Amelloides. Mixed. Blue, crimson, rose, etc.; 6 inches .................................................. 5

KEDNEDYA.
A handsome and highly ornamental greenhouse climber. Soak the seed in warm water before sowing;
5987 K. Mixed. Fine colors ........................................ 25

LANTANA.
One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom; Verbena-like heads, and changing in hue; 2 to 6 feet.
5990 L. Mixed ............................................................. 10

LAVATERA.
Kaulfussia.

LETHINUM.
(Scarlet Flax.)
One of the most effective and showy bedding plants, of long duration, having fine foliage and delicate stems; hardy annual; 1 foot.
6017 L. Coccineum. Brilliant scarlet crimson .......... 5
6018 — Flavum. Golden yellow ................................ 10

Pottsville, Pa. — "We are pleased to say that all the seeds we purchased of you this season have given great satisfaction."
LINARIA (Kenilworth Ivy). A charming small, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock work. 6015 L. Cymbalaria. Lavender and purple......................10

LILY OF THE VALLEY. 6016 Convallaria Majalis. Lovely spring blooming plants, bearing pure white fragrant bell-shaped flowers..........................10

LOBELIAS. The following dwarf and trailing varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging baskets, etc., blooming profusely from June to November; half-hardy annuals. The hardy perennial varieties are among the most attractive of our garden favorites, producing beautiful spikes of handsome flowers in the autumn.

6022 L. Erinus Spectus, Crystal Palace. Of trailing growth; flowers of a superb ultra-marine blue..10
6025 — Erinus Speciosa, Alba Maxima. Showy white flowers, of drooping and spreading habit.....10
6024 — Erinus, Emperor William. A very compact variety, with fine sky-blue flowers .......... 10
6023 — Erinus, Crystal Palace Compacta. A new densely compact miniature variety, which, during the summer months, is studded with rich deep blue flowers............................................15
6026 — Picta. A beautiful variety with rich, velvety veined and netted foliage, and light rose-colored flowers.........................................................20
6030 — Mixed.................................................10
6027 — Erinus Grandiflora Flore Pleno. This lovely new double blue flowering rose-in-hole-like form is of a trailing habit; fine for massing, etc....20
6021 — White Gem. Forms a perfect ball of snow-white flowers; very charming appearance.....15
6028 — Cardinalis (Cardinal flower). A hardy perennial native variety, with spikes of brilliant scarlet flowers, blooming the first season if sown early; a fine border plant; 3 feet..................10
6031 — Cardinalis and Fugens Hybrida. Foliage varies from bright green to brown or reddish green. Flowers are large and resemble Cardinals, but are of splendid shades of rose, red, lilac, purple, etc.; in bloom from July to October; hardy perennials; 2 feet..................20

LOPHOSPERMUM. Highly ornamental and effective for the garden or conservatory, with showy, fox-glove-like flowers; requires a light, rich soil; half-hardy annual; 10 feet.
6033 L. Scandens. Rose purple..................................10

LUPINUS. (Sun Dials.) Ornamental free flowering easily grown garden plants, with long, graceful spikes of rich and varied colored peashaped flowers; valuable for mixed flower borders and beds. The seed should be sown where they are to bloom, as they do not transplant well.
6037 L. Mixed. All colors of annual varieties; 2 feet. Per oz., 40 cts...........................5
6036 — Mixed Perennial. All colors of hardy perennial varieties; 3 feet........................5

LYCHNIS. Handsome plants of easy culture, growing in any rich garden soil; for massing in beds and borders, blooming the first year if sown early; hardy perennials.
6042 L. Chalcedonica Coccinea. Fine scarlet flowers; 2 feet........................................5
6040 — Hebeglassana, Mixed. Brilliant orange-scarlet, crimson, etc.; 1 foot..........................10
6050 — Mixed. All colors and varieties. Per oz., $1.00.5

MAGGOLD. (Tagetes.) A well-known free flowering plant of easy culture, with rich and beautiful double various-colored flowers. The African is best for large beds; the French for small beds or as a foreground for taller plants; half-hardy annuals. See also Calendula.
6060 M. L. African. Tall double, orange, brown and yellow, mixed; 2 feet. Per oz., 60 cts.5
6070 — Dwarf French. Fine colors, mixed; very double; 1 foot. Per oz., 80 cts. ........................5
6075 — Gold Striped. Deep brownish red, striped golden yellow............................10
6059 Collection of Dwarf French Marigolds, 10 var's.40

MARVEL OF PERU. (Mirabilis Jalapa.) The well-known four O'clock. A handsome, free flowering garden favorite; half-hardy perennial; blooming the first season from seed; the flowers, which are produced in clusters, open in the afternoon and wither the next morning; the roots can be preserved during the winter like Dahlias.
6080 M. Mixed. Beautiful colors; 2 feet. Per oz., 40 cts. 5
6075 Variegated. Leaves light green, marbled yellow; very ornamental; 2 feet. Per oz., 50 cts........5
6076 — Dwarf White Tom Thumb. When fully developed this variety does not exceed 10 inches in height, and forms a charming little bush, completely suffused with pure white flowers. 10
6089 — Assortments of 12 varieties..................................................50

MAURANDIA. Beautiful, rapid, slender growers, plants, blooming profusely until late in the autumn; also fine for the conservatory or greenhouse; if desired for the house take up before the approach of frost. A hardy perennial, flowering the first season if sown early; 10 feet.
6085 M. Abiflora. Pure white.............................................10
6086 — Barclayana. Purple..............................................10
6087 — Rosea. Dark rose..................................................10
6089 — Mixed. All colors..................................................10

MESEMBRYANTHEMUM. Profuse flowering dwarf trailing plants of great beauty, blooming the whole summer, thriving best in a dry, loamy, or sandy soil, requiring a warm, sunny situation; fine for beds, edgings, rock work, etc.; half-hardy annuals; 6 inches.
6092 M. Crystallinum (Ice Plant). Flowers white; prized for its singularly gay foliage..................................................5
6093 — Tricolor (Wax Plant). Rosy pink with a deep scarlet centre..........................................5
6094 — Cordifolium Variagata. A half-hardy perennial trailing variety, with handsome variegated fluffy heart-shaped foliage, and bright various-colored flowers .......................................10

Glade Spring, Va. — "I have always found your seed a great deal better than other Seedsmen's." — Mrs. D. C. Carmack.
MAIZE.  
(Zea Japonica Variegata.)

An ornamental corn, beautifully striped with green and white; fine for groups on the lawn; hardy annual; 4 feet.  
6055 M. Striped-Leaved Japanese.  Per oz., 20 cts.  5

MIGNONETTE.  
(Rosed Odorata.)

A well-known fragrant favorite. If the plants are thinned out they will grow stronger and produce larger spikes of flowers; fine for pot or garden culture, and can be had during the whole year by sowing at intervals; hardy annuals.  
6100 M. Sweet-Scented (Odorata). The old variety with small spikes; 1 foot.  Per oz., 20 cts.  5  
6101 — Grandiflora Ameliorata. Plants pyramidal; flowers large and distinct, having stamens of a reddish tint; 15 inches.  Per oz., 30 cts.  5  
6106 — Golden Queen. A very attractive variety, forming a dense pyramid, and throwing upnume-
rous flower stalks, terminating in spikes of golden yellow; 15 inches.  10  
6107 — The Prize. This variety produces a close dense spike double the size of the common, and
very fragrant; 1 foot.  10

MISEMBYRANTHEMUM.  
6102 M. Parson’s White. Large spikes, pure white and very fragrant; 1 foot.  Per oz., 50 cts.  5  
6105 — Hybrid Spiral. Of dwarf, branching habit, with spikes from 8 to 10 inches long, very fragrant; excellent for market purposes; 15 inches.  10  
6103 — Dwarf Compact. A dwarf robust variety. 10 inches high and 16 inches in diameter, covered with large spikes of reddish tinted flowers.  10  
6108 — “Machet.” Well adapted for pot culture; perfectly true from seed. Dwarf pyramidal growth, bearing numerous flower stalks.  15

6109 Collection of Mignonette, 10 varieties.  50

MIMOSA PUDICA.  
(See Sensitive Plant.)

MIMULUS.  
(Monkey Flower.)

Showy profuse flowering plants, comprising numerous varieties, with white, sulphur, and yellow grounds, spotted with crimson, scarlet, and pink, fine for the greenhouse, or moist shady situations; half-hardy perennials; blooming the first year from seed if sown early.  
6111 M. Tigrinum. The finest tigered and spotted varieties, rivalling the Calceolaria in its bright-
ness; mixed colors.  10

6112 — Tigrinum Duplex. A beautiful double hoss-
in-hose variety of the above, with tigered and spotted flowers; mixed colors.  20

6110 Mixed. Large flowering, all colors.  10

6113 — Moschatus (Musk Plant). Fine for baskets, etc.; small yellow flowers, fragrant foliage; 6 inches.  10

MOLUCCELLA (Molucca Balm.)  
6018 M. Lauvis. Flowers purple and white, sheaf-
shaped and borne on square stems which end in tufts of leaves of a pea-green color.  10

It is only necessary in ordering seeds to state number of packets wanted, corresponding number in catalogue and price.  

MOMORDICA.  
(Balsam Apple.)

Very curious trailing vines, with ornamental foliage, fruit golden yellow, warty, and when ripe opens, showing the seeds and its brilliant carmine interior; fine for rock-work, stumps, etc.; half-hardy annual; 10 feet.  
6116 M. Balsamina. Apple-shaped fruit. Per oz., 50 cts.  5

6117 — Charantia. Pear-shaped fruit. Per oz., 50 cts.  5

MUSA.  
(Abyssinian Banana.)

The leaves are magnificent, long, broad and massive, of a beautiful green, with a broad crimson midrib. It is used successfully for bedding out, and stands the rain and storms without much laceration. In our hot summers it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hot-bed or bottom heat in greenhouse.  
6131 M. Ensete. Packet containing 4 seeds.  25

MYOSOTIS.  
(Forget-me-not.)

Neat and beautiful little plants with star-like flowers; succeeding best in a shady, moist situation; half-hardy perennials; blooming the first year from seed if sown early.  
6121 M. Alpestris Cornica. Bright blue; 6 inches.  10

6122 — Alpestris Atba. Pure white; 6 inches.  10

6124 — Azorica Culestina. Handsome sky-blue flowers, produced in great profusion; 1 foot.  10

6125 — Dissitiatoria. Compact habit, profuse bloomer; exquisite blue; an attractive bedding plant; 6 in.  15

6123 — Palustris. The true Forget-me-not; beau-
tiful blue flowers; 6 inches.  10

6126 — Palustris Semperflorens. A charming dwarf Forget-me-not, thriving equally well in sun or shade; continuing in bloom from early spring until autumn with beautiful blue flowers; 8 inches.  20

6127 — Eliza Fanrobert. New, large flowering, bright blue, of pyramidal habit, remarkably fine and distinct.  15

MYRSIPHYLLUM.  
(Shrill.)

A beautiful and graceful tuberous-rooted perennial climber, none surpassing it for its glossy deep green, wavy and most delicate foliage, and small white flowers; fine for vases and baskets. Soak the seed 24 hours before sow-
ing; 6 to 10 feet.  
6134 M. Asparagusoides. Per oz., $3.00.  20
DWARF NASTURTium.
The dwarf varieties are all desirable, and are among our most popular plants, standing any amount of heat and drought, growing vigorously and flowering freely all summer and fall; excellent for massing and ribboning, doing well even in poor soil; hardy annuals; 1 foot.

6153 N. Empress of India. Very dwarf habit; flowers brilliant crimson; abundant bloomer
6141 — Tom Thumb Scarlet
6142 — Tom Thumb Yellow
6143 — Tom Thumb Pearl. Creamy white
6144 — Tom Thumb Spotted. Beautiful spotted flowers
6145 — Tom Thumb Crystal Palace Gem. Sulphur-colored flowers, with dark red spots near the base of each petal
6146 — King of Tom Thumbs. Intense scarlet
6152 — Tom Thumb King Theodore. Flowers almost black
6148 — Golden King of Tom Thumbs. Deep golden yellow flowers
6151 — Ruby King. Pink, shaded carmine
6149 Collection of Dwarf Nasturtiums. 12 varieties, each color separate.

NASTURTIUM MAJUS.
(Tall Nasturtium.)
Elegant profuse flowering plants for verandas, trellises, etc. The seed pods can be gathered while green and tender, for pickling; hardy annuals; 10 feet.

6157 N. King Theodore. Blush-green foliage and almost black flowers
6156 — Large Dark Crimson. Showy flowers
6160 — Mixed. All colors. Per oz., 30 cts.
5375 — Canary Bird Flower. (Perennial). With yellow canary-like flowers; very ornamental and beautiful foliage; half-hardy annual
6155 — Spitfire. Brilliant carmine crimson
6170 — Finest Mixed. All colors, 50 cts.
6159 Collection of Climbing Nasturtiums, 12 varieties, 50 cts.

NEMOPHILA.
(love Grove.)
Of neat, compact habit; blooming freely all summer if planted in a rather cool, shaded place, and in not too rich a soil; hardy annuals; 1 foot.

6176 N. Insignis. Bright blue flowers, white centres
6180 — Mixed. All varieties and colors. Per oz., 50 cts.

NIGELLA.
(Love in a Mist, or Devil in the Bush.)
A compact, free flowering plant, with finely cut foliage, curious looking flowers and seed pods; of easy culture, growing in any garden soil; hardy annual; 1 foot.

6200 N. Damascena. Blue and White mixed

NIEBERGIA.
A half-hardy perennial, slender growing plant, perpetually in bloom, flowering the first year if sown early; desirable for the greenhouse, baskets, vases or bedding out; 1 foot.

6195 N. Frutescens. White, tinted with lilac

GENOTHERA.
(Evening Primrose, or Sun Drops.)
A hardy, perennial garden plant, with large, fragrant, showy flowers; blooms the first season from seed.

6205 O. Grandiflora Odorata. Yellow; 3 feet

OXALIS.
Beautiful small plants, suitable for the greenhouse, rock-work, baskets, or out-door culture; flowering the first year if sown early; blooms in clusters; half-hardy perennial; 9 inches.

6207 O. Rosca. Rose-colored
6205 — Tropaeolides. Very desirable border plant, flowers deep yellow, foliage dark green
This attractive plant is too well known to require any description, as it is a favorite with all; the seed can be sown from September to March. The best plants are obtained from seed sown in the autumn, and protected during the winter; these flower early in the spring. The plants from spring sowing should be planted in a shady border; they produce fine large flowers in the autumn. Pansies require fresh soil, enriched with decomposed manure; hardy perennials; 6 inches. Special directions for cultivation sent with the seed when desired.

6242 P. Belgian Striped. A lovely class bearing beautiful flowers of various shades and stripes.......15
6220 — Dreer's Premium. Seed saved from first-class flowers only; beautiful colors mixed.......25
6222 — Odier (Fire-blotted). A beautiful strain of various colored large, handsome, perfect formed flowers, dark spots on each petal..................25
6221 — Emperor William. Large handsome flowers borne in great profusion, well above the foliage, brilliant ultramarine blue, with a purple violet eye,15
6223 — Faust (King of the Blacks). Almost black, the darkest Pansy known..............................15
6251 — Lord Beaconsfield. A splendid sort; flowers deep purple violet, shading to white on the upper petals...........................15
6228 — Snow Queen. Very large, satiny white, light yellow centre.............................................15
6234 — Trimardeau. An altogether distinct and beautiful new race, the flowers of which are larger than any hitherto produced. Each flower is marked with three large blotches or spots, and the plants produce an endless variety of beautiful shades. 50
6235 P. Mikado. An entirely new and distinct variety. The plants are of strong, compact habit, and carry the flowers well above the foliage. They are of fine form, large size, and present a richness and depth of coloring which are simply marvelous 50
6241 — Yellow Gem. Pure yellow, without eye.......15
6243 — Bronze Colored..................................15
6233 — Gold Margined. All colors..................15
6236 — Havana Brown.................................15
6238 — Mahogany Colored..............................15
6225 — Light Blue........................................15
6224 — Purple. Rich purple, white edged.............15
6227 — White..............................................15
6226 — Yellow.............................................15
6230 — Best Imported Mixed. Per oz., $4.00...........20
6240 — Good Mixed. All colors. Per oz., $2.00........10
6.39 Collection of Pansies, 12 choice varieties, imported, each color separate.......................$1.00
PASSIFLORA. (Passion Flower.)

Indispensable climbing plants for the garden or greenhouse; bearing a profusion of attractive flowers.

6245 P. Incarnata. A hardy perennial, requiring slight protection during the winter; flowers large, white and purple, flesh-colored crown; 20 feet.......25

6246 — Gracilis. Pure white; hardy annual..........................10

6250 — Mixed. Choice varieties, mixed.........................20

6247 — Vau Voitsei (Tecoma). Flowers of the richest scarlet, 5 inches in diameter..................25

6248 — Insignis (Tecoma). Remarkable for its magnificent flowers, which measure from 6 to 8 inches across; color, crimson purple; filaments, blue mottled with white..........................25

PENTSTEMON.

One of our most beautiful and attractive herbaceous plants; bearing long, graceful spikes of rich-colored flowers; will bloom the first season if sown early in March, and planted out in May; half-hardy perennials; 2 feet.

6290 P. Mixed. Crimson, purple, etc.............................10

PHACELIA.

A curious and interesting half-hardy annual plant of easy culture, good for bee food. The flowers are produced on racemes; 2 feet.

6310 P. Cunestia. Beautiful azure blue. Per oz., 20 cts........5

6317 — Campounaria. A very attractive plant of spreading habit, covering about a foot of ground. Large rich deep blue funnel-shaped flowers.............15

POLYANTHUS. (Primula Elatior.)

Showy, early spring free flowering plants, fine for either pot or out-door culture; hardy perennials; 9 inches.

6392 P. English. The best single, all colors mixed............20

6393 — Duplex. Double, rose-in-rose, beautiful colors mixed.............25

6364 — Gold Laced. Very showy and attractive...............20

PLATYCODON GRANDIFLORUM. (Wahlenbergia.)

A hardy perennial, producing very showy flowers during the whole season. They form large clumps, and are excellent for planting among shrubbery.

6356 P. Alba. Pure white........................................5

6360 — Mixed. Blue and white..................................5

PETUNIA.

For out-door decoration or house culture few plants are equal to this class. They commence flowering early, and continue a mass of bloom throughout the whole season, until killed by frost; easily cultivated, requiring rich soil and a sunny situation. Of late years the single-striped, mottled and double varieties have been greatly improved. The strains we offer of our own growing, we can safely say without contradiction, are the best that can be procured either in this country or Europe. Hardy annuals; 2 to 5 feet.

6321 P. Alba Pura. Pure white......................................10

6322 — Alba Occulta. White, variegated-colored eyes..........10

6323 — Atropurpurea. Deep purple red..........................10

6324 — Leopoldi. Deep pink, with a white eye................10

6325 — Cocinea. Brilliant scarlet................................10

6327 — Isabel. Light yellow....................................10
PHLOX—Continued.
6328 P. Peach Blossom. Large flowers of a delicate salmon tint... 10
6326 — Radowitzii. Rose, striped white.......................... 10
6330 — Mixed. All colors. Per oz., $1.00......................... 5

PHLOX DRUMMONDI GRANDIFLORA.
An improvement on the old varieties in stronger, more compact growth, and larger flowers, with white centres, admirably relieved by a dark violet eye; 1½ feet.
6331 P. Alba Pura. Pure white..................................... 10
6334 — Carminea Alba Ocellata. Rosy carmine, white eye ....... 10
6332 — Coecina. Rich brilliant scarlet.......................... 10
6333 — Elegans Carminea. Large round white centre, margin varying from rose to crimson..................... 10
6336 — Kermesina Striata. Flowers crimson, striped white..... 10
6339 — Mixed. All the Grandiflora varieties mixed............. 10
Per oz., $1.50.....................................................

PHLOX DRUMMONDI NANA.
This new strain is of a dwarf, compact habit, and makes desirable pot plants, also for ribbon lines and massing; 10 inches in height.
6444 P. Heynholdi Cardinalis. Compact and bushy globular plants, covered with beautiful coppery-scarlet flowers.................................................. 10
6439 — Nana Compacta, Fireball. Brilliant scarlet.............. 20
6437 — Nana Compacta, Snowball. Pure white.................. 20
6451 — Mixed. Dwarf varieties mixed. Per oz., $3.00........ 20
6435 — Decussata, Perennial, Mixed. This Phlox is one of the finest hardy herbaceous perennials, for beds or borders. Seed saved from the finest named flowers, all colors, mixed............................ 10
6339 Collection of Phlox, 12 choice varieties................... 75
6349 Collection of Phlox, Dwarf Compact, 6 choice varieties........ 75

PORTULACA.
One of our finest hardy annual plants, of easy culture, thriving best in a rather rich, light loam, or sandy soil, and luxuriant in an exposed sunny situation; the single flowering varieties are large and brilliant, of the richest shades of color, and produced throughout the summer in great profusion; fine for massing in beds, edgings, or rockwork; 2½ feet.
6401 P. Alba Pura. Pure white..................................... 5
6403 — Aurea Striata. Yellow, golden striped................... 5
6404 — Brilliant Scarlet........................................... 5
6405 — Gold Striped.................................................. 5
6406 — New Pink..................................................... 5
6407 — Orange Perfection........................................... 5
6400 — Mixed. All colors. Per oz., $1.00......................... 5
6410 — Grandiflora Flore Pleno (Double Flowering Portulaca). The flowers are perfectly double, of the most brilliant scarlet, crimson, white, yellow, etc. Seed selected from the finest double flowers... 15
6490 Collection of Double Portulaca in imported packets, 8 varieties, each color separate................................. 50

POPPY—Daucrug. Double Portulaca.
6373 P. Peony Flowered. Large and very double flowers; mixed colors.......................... 5
6376 — Chinese. Distinct varieties of this favorite flower. Plants not exceeding 2 feet in height. Mixed, all colors and shades. 10
6372 — Dannebrog. A very desirable and showy novelty, producing large single flowers of a brilliant scarlet, with a large silvery-white spot on each petal, thus forming a white cross.................................. 10
6371 — Carnation Flowered. Splendid double fringed flowers, mixed colors.......................... 5
6374 — Umbrosa. A new variety, producing flowers of the richest vermilion, with a deep shining black spot on each petal................................................ 10
6339 Mixed. All varieties and colors. Per oz., 50 cts..............................
6330 — Perennial Mixed, Oriental. A hardy perennial variety of beautiful colors; from 2 to 3 feet. 10
For Opium Poppy, see Herbs.
6390 Collection of Poppies in imported packets, 12 varieties, each color separate.................... 50

PRIMULA SINENSIS FIMBRIATA. (Fringed Chinese Primrose.)
A charming and most beautiful profuse flowering plant, indispensable for winter or spring decoration in the conservatory or greenhouse. The seeds we offer are saved from the finest existing collections; 8 inches.
6421 P. Punctata Elegantiissima. Deep velvety crimson; edges spotted with white................ 50
6422 — Kermesina Splendens. Large brilliant crimson, with yellow eye........................................ 50
6419 — Rubra. A very fine red............................... 25
6417 — Alba. Pure white........................................ 25
6430 — Mixed. All the foregoing................................ 25
6442 — Williams’ Superb Strain, Mixed. This strain of English Primula Sinensis Fimbriata is universally admired, and contains only the finest varieties and colors; mixed.............................. 50

Rusk Creek, la. — Your Colcus Seed is just splendid; your Seed is as near perfect as possible!—Mrs. T. H. Lovejoy.
PRIMULA—Continued.

6440 P. Fern Leaved, Mixed (Filifolia). The finest colors, mixed..........................25
6425 — Fimbriata Alba Magnifica. This new, compact variety has deeply indented light green foliage; produces freely large trusses of pure white flowers with a citron eye, measuring 2½ inches across, and beautifully fringed..........................50
6426 — Fimbriata Cristata Nana, Mixed. Of dense dwarf habit and frilled or crimped edged foliage. Its charming flowers, snow-white and bright red, with a pale yellow eye, are dentated and show a tendency to become double..........................50

PRIMULA SIN. FIM. FL. PL.
(Double Chinese Primrose.)
The following double-fringed Chinese Primroses are very fine and can be highly recommended; 6 inches.
6425 P. Alba. Double white..........................50
6440 — Double Mixed. All colors..........................50
6429 Collection of Primula Sin., 12 fringed varieties.$1.25
6439 " " " 6 " " " " " " 1.25
6449 " " " 6 double flowering. $1.25

PYRETHRUM.
(Golden Feather Varieties.)
Handsome, herbaceous plants, of easy culture; valuable for margins, beds, etc. Sow from December to April in a temperature of 60 degrees; hardy perennials.
6453 P. Auriculatum. An ornamental golden yellow foliage plant, for ribbon gardening; 6 inches. Per oz., $2.00..........................10
6454 — Auriculatum Lacinatum. New, very fine, golden yellow, fine foliage sort; 4 inches..........................10

SALPIGLOSSIS.
A valuable dwarf bedder, safe for rockeries, etc.; flowers during the summer and autumn months, thriving best in a light, rich soil; hardy annual; 6 inches.
6492 S. Procumbens Flore Pleno. Double, golden yellow..........................10

SANVITALIA.
(English Cowslip.)
Attractive early spring, free flowering plants, useful for bedding; half hardy perennial; 6 inches.
6415 P. Mixed. All the finest colors..........................10

RICINUS.
(Castor Oil Bean.)
Ornamental plants of stately growth and picturesque foliage, with brilliant-colored fruit, producing a sub-tropical effect; fine for lawns, masings, or centre plants for ribbon beds; half-hardy annuals.
6471 R. Borbonicus Arboreus. Very large and beautiful foliage; 15 feet..........................5
6472 Gibsoni, or Duchess of Edinburgh. Dwarf branching habit, deep red foliage; 5 feet..........................5
6473 — Sanguineus. Blood-red stalks and clusters of red fruit; 8 feet..........................5
6474 Philippiensis. A new variety from the Philippines, with beautiful gigantic foliage; 10 feet..........................5
6475 — Tricolor. Green and brown-spotted red fruit, red stalks; 6 feet..........................5
6440 — Mixed. Per oz., 50 cts..........................5

SALVIA.
(Flowing Sage.)
A favorite greenhouse and bedding plant, bearing long spikes of flowers in great profusion from July to October; half-hardy perennials, blooming the first year from seed; 3 feet.
6493 S. Splendens (Scarlet Sage). Beautiful, bright scarlet. Per oz., $4.00..........................10
6495 — Farinacea. Spikes from 9 to 18 inches long, light blue flowers and beautiful dark blue woolly-bracted flowers..........................20
6494 — Patens. Superb deep blue..........................20
6498 — Involucrata. A showy species, bearing long spikes with rose-colored bracts and splenid red rosy-crimson flowers, 1½ inches in length, in dense whorls of six flowers..........................25
6496 — Argentea. Beautiful ornamental silvery foliage plant, with spikes of white flowers..........................10
6497 — Carduacea. A novelty from California, having no resemblance to any other Salvia. White, woolly, Thistle-like leaves; large, light blue, frilled-edged flowers, with wide vermilion anthers, borne in whorls, 4 to 6 on each stem. Thrives best in a sunny, dry situation; it opens early in bloom in May..........................15

It is only necessary in ordering seeds to state number of packets wanted, corresponding number in catalogue and price.
SAPONARIA.  
(Bouncing Bet.)

Beautiful compact-growing plants, with masses of miniature cross-shaped flowers, blooming throughout the summer and late in the autumn; hardy annual.
6500 S. Mixed. All colors; 6 inches.................. 5

SCABIOSA.  
(Mourning Bride, or Sweet Scabious.)

One of our handsomest summer border plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets, etc.; hardy annual.
6510 S. Tatt mixed. Double, all colors; 2 ft. oz. 60 cts. 5
6520 — Dwarf mixed. Double, all colors; 1 foot...... 5
6506 — Campanula Alba Plena. Double pure white flowers, excellent for florists' use; 2 feet..... 10

SENSITIVE PLANT.  
(Mimosa.)

Curious and interesting plants, with pinkish white flowers; the leaves close and droop when touched or shaken; they require a mixed soil of peat, loam, and sand; tender annual.
6555 M. Pudica. 1 1/2 feet.......................... 5

SCHIZANTHUS.  
(Butterfly Flower.)

A splendid class of plants, combining elegance of growth with a profusion of rich and various colored flowers, fine for greenhouse decoration and the flower garden; of easy culture; half-hardy annual.
6525 S. Papilionaceus. A charming variety, resembling some species of Orchids. The flowers are purple, spotted with yellow, orange, crimson and black.10
6530 — Mixed. All colors of the tall varieties; 2 feet. 5

SEDECIO, or JACOBÆA.  

A showy half-hardy perennial from South Africa. It produces in great profusion 3 branching spikes of bright flowers, 15 inches in diameter, from spring until fall, and will bloom all winter in a cool greenhouse.
6550 S. Speciosus. Bright magenta.................. 20

SILENE.  
(Catch-Fly.)

A beautiful, early, free-blooming plant, adapted for beds, borders, or ribbon-gardening; of easy culture, growing in any garden soil; hardy annual; 1 foot...
6560 S. Armeria, Mixed. Red, white, and rose. Per oz., 60 cts.......................... 5
6557 — Pendula Flore Pleno. Producing charming double rose-colored flowers in profusion........ 10

SMILAX.  
(See Myrsiphyllum Asparagoides).

STOCKS.  
(Mathiola annua.)

The Stock Gilly-flower is one of the most popular plants, either for bedding, maslowing, or pot-culture; for brilliancy and diversity of color or profusion and duration of bloom it is unsurpassed. The Ten Week Stocks (Mathiola annua) are generally cultivated, and bloom from ten to twelve weeks after being sown; they grow from 6 to 18 inches high when grown in light, rich soil, and occasionally watered with weak guano water, they bear an immense quantity of bloom, so that each plant forms a perfect bouquet of delightful fragrance. For early flowering, start the seeds in a greenhouse or hot-bed, and transplant the garden in May after all danger of frost is over; half-hardy annual.
6610 S. Dwarf Wallflower Leaved. Mixed. 15 in... 15
6604 — Dwarf Wallfl. Leaved. Bright yellow...... 15
6601 — Dwarf Wallflower Leaved Ten Week. Double. Pure White.......................... 15
6596 — Dwarf Bouquet Ten Week. Mixed. Blooms in the shape of a bouquet, with beautiful double flowers of various colors; 10 inches...... 15
6597 Perpetual Dwarf Ten Week. Mixed (Scapularsecente). A double constant blooming sort, with fine double flowers of various colors; 15 inches..... 10

S. Canterbury, Ct. — "I have had the best success with your seeds, both flower and vegetable." — Mrs. L. B. Hadley.
STOCKS—Continued.

6614 S. Hardy's All the Year Round. This beautiful variety produces fine large spikes of double white flowers, from January to December, in the greatest profusion. 75 per cent. come double; 1 foot. 15 per ft. $1.00

6609 Collection of Ten Week Stocks, Large Flowering Dwarf, 12 varieties $1.00

6619 Collection of Perpetual Stocks, 6 varieties 50

STEPHANOTIS.
A greenhouse evergreen perennial climber, producing clusters of fragrant flowers in the greatest profusion.
6554 S. Floribunda. White; 20 feet 50

STEVIA.
Free blooming plants, bearing a multitude of fragrant flowers; suitable for summer or winter blooming.
6622 S. Serrata. Pure white 10

SOLANUM.
Interesting greenhouse shrubs; bearing bright colored seed pods; for groups on lawns or single specimens they are quite desirable. They grow freely in a light, rich soil. Half-hardy perennials.
6655 S. Ciliatum. A brilliant scarlet flowering variety which retains its bright color and form along ripe; fine for Christmas decorations. The fruit is about 1 inch in diameter. They grow freely in a light, rich soil, and fruit the first season from seed. Half-hardy annual; 2 feet 5

6670 — Mixed. Different varieties and colors 10

SWEET PEAS—Continued.

6606 L. Purple Crown. Purple 5
6608 Snowflake. Pure white 5
6602 Vesuvius. Carmine rose, dotted crimson 10
6600 Mixed. All colors per oz. 15 cts....per lb. $1.00

Separate colors, per oz. 20 cts., per lb. 1.50

6599 Collection of Sweet Peas, 10 varieties 40

6601 5 6 4 0

5999 one ounce of each 5 EVERLASTING PEAS. See Lathyrus.

SWEET WILLIAM.
(Dianthus Barbatus.)
A well-known attractive free flowering plant, which has been greatly improved of late years, producing a splendid effect in beds and shrubbery with their rich and varied flowers; hardy perennial; 1 foot.
6625 D. Aurea Flaeda Perfection, Mixed. A beautiful class of “eved” single varieties, all colors. Per oz. $1.00 10

6640 — Mixed. Single, good colors. Per oz. 10 cts. 5

6630 — Double. The finest colors, saved from a splendid double collection. Per oz. $2.00 10

SWEET SULTAN.
(Centaurea Moschata.)
Sweet-scented, profuse flowering, showy plants, of easy culture, and very effective in shrubbery; hardy annuals.
5458 S. Mixed. Blue, purple and white; 2 feet 5

TAGETES.

A dwarf, globular, compact, bushy plant, with beautiful delicate fern-like leaves, densely covered with flowers; valuable for borders as well as beds; half-hardy annual.
6654 T. Signata Pumila. Bright yellow, striped brown; 1 foot 5

6655 — Pumila Golden King. An attractive rich orange color, short and compact habit, very free flowering; 10 inches 10

THUNBERGIA.
(Black-Eyed Susan.)
Beautiful rapid growing climbers, thriving in a light, rich, loamy soil, in warm situations in the garden; the flowers are very pretty, and are borne profusely during the season; fine for vases, rustic-work, or greenhouse culture; half-hardy annuals; 4 feet.
6661 T. Alba Oculata. White, dark eye 5
6662 — Alata. Buff, dark eye 5
6663 — Aurantiaca. Orange, dark eye 5
6664 — Bakeri. Pure white 5
6670 — Mixed. All colors. Per oz. 60 cts. 5

TOBACCO.
(Nicotiana Variiegata.)
A beautiful new sort, with showy white and green foliage; half-hardy annual; 4 feet.
6675 T. Variegated Foliage 10
TORENIA.

A very fine annual, forming a splendid plant for vases, hanging baskets, the greenhouse, or for growing out of doors; they are covered until late in the season with one mass of bloom.

6681 T. Fournieri. Large sky-blue flowers, with three spots of dark blue, and a bright yellow centre.

6683 — Brallioni. A valuable species, distinguished for the size and charming color of its flowers, which are bright golden-yellow with a brownish-red throat. An admirable contrast with T. Fournieri; 15 inches. ................................................. 20

VERBENA HYBRIDA.

An indispensable bedding plant. Though they are half-hardy perennials, they can be treated as hardy annuals; they bloom the first season from seed, and bear bright flowers of many different shades.

6705 V. Auriculata. Beautiful colors of auricula-eyed varieties ................................................. 25

6706 — Blue .................................................. 20

6701 — Candidissima. A decided improvement, producing large trusses of the purest white flowers, invaluable for florists ................................................. 25

6702 — Coccinea. Brilliant scarlet................................................. 25

6703 — Dreer’s Striped. Beautiful striped varieties of brilliant shades ................................................. 25

6700 — Dreer’s Choicest Mixed. Selected from our large collection of the newest and finest named varieties and richest colors. For oz. $1.00 ................................................. 20

6707 — Dreer’s Mammoth. This strain presents a marked advance in the Verbena. The flowers are very large, of brilliant colors and charming appearance ................................................. 25

6704 — Golden-Leaved Scarlet. Golden-yellow foliage, which strikingly contrasts with the bright scarlet flowers. A valuable acquisition for bedding, as it remains unimpaired until frost; reproduced true from seed ................................................. 25

6710 — Mixed. All colors of the older sorts. Per oz. $3.00................................................. 10

6709 Collection of Verbena, 6 varieties................................................. 10

VINCA.

(Madagascar Periwinkle.)

Ornamental free blooming plants; they flower from seed, if sown early, the first season, continuing until frost; or they may be potted and kept in bloom through the winter; 2 feet.

6713 V. Rosea. Rose, with dark eye ................................................. 10

6714 — Alba. White, with crimson eye ................................................. 10

6715 — Alba Pura. Beautiful pure white ................................................. 10

6720 — Mixed. Per oz. $2.00................................................. 10

VIRGINIAN STOCK.

(Cheiranthus Maritimus.)

Beautiful free flowering little plants, very effective in small beds, edgings, or baskets, growing in any soil; hardy annuals.

6620 V. Mixed. All colors; 3 inches ................................................. 5

VIOLET.

(Viola Odorata.)

Well-known fragrant early spring blooming plants for edgings, groups, or borders; thriving best in the summer in a shady situation, in a rich, deep soil; extensively used by florists for forcing for cut flowers during the fall and winter months; hardy perennials; 6 inches.

6725 V. Single Blue (Odorata Scapigeriflora). Very sweet-scented blue flowers ................................................. 10

6726 — Single White, The Czar. Very fragrant and free flowering ................................................. 10

WALLFLOWER.

(Cheiranthus Cheiri.)

Well-known deliciously fragrant garden plants, blooming early in the spring, with large conspicuous
NEW HYBRID PERPETUAL ROSE.

Puritan.
New Hybrid Perpetual Rose

PURITAN.

A charming Hybrid Perpetual Rose, the result of a cross between Mabel Morrison and Devoniensis. The habit is robust and the wood straight and stiff, and carries the foliage well up to the flower. It appears to be a very valuable acquisition for forcing and out-door blooming. The blooms are borne on every shoot, are remarkably firm in texture, and remain perfect several days after being cut. The flowers as they open are of a rich cream color, which changes to pure white in the expanded flower. In fragrance the flowers resemble the Magnolia, are perfect in shape, and show all the good points of an exquisite rose.

Strong plants 50 cts. and $1.00 each.

NEW TEA ROSES

YE PRIMROSE DAME.

An exquisite Tea Rose well worthy its name. The outer petals are a lovely primrose color shading to deep apricot in the centre. Very full and double, cup shaped, showing the rich shading of the centre. A free flowering and fragrant rose.

50 cts. each; $4.00 per dozen.

VISCOUNTESS FOLKESTONE.

A Hybrid Tea Rose of artistic shape and color. It forces readily, is of strong growth and bears lovely white flowers tinged salmon pink, slightly cupped and delightfully fragrant. The buds are of large size, pointed and borne profusely.

50 cts. each; $4.00 per dozen.

PRINCESS BEATRICE.

A magnificent yellow Tea Rose, equaling in size the Catharine Mermel. The flowers, which are carried on long, stiff stems, are of perfect form and a lovely shade of golden yellow with a slight tint of pure rose on the edge of the petals. A distinct and charming sort. Habit vigorous and productive.

50 cts. each; $4.00 per dozen.
COMTESSE DE FREIGNEUSE.
A charming new yellow Tea Rose, very fragrant; the buds are long and pointed, nearly equal in size to Perle des Jardins, and are of a light yellow color, somewhat similar to M. Niel. Its lovely color and form, combined with its free blooming qualities, will doubtless render it a popular rose.
30 to 50 cts. each; $2.50 to $4.00 per doz.

LUCIOLE.

LUCIOLE.
Very bright carmine rose, tinted and shaded saffron yellow, base of petals coppery yellow. A lovely sort, combining all the characteristics of a good forcing rose. Buds are large and full, equaling C. Mermet in size, and are very fragrant.
50 cts. each; $4.00 per doz.

MAD. ETIENNE.

A profuse blooming sort, bearing large, full and very fragrant buds of a rosy pink color. The edge of the petals shades off to a light rose; centre occasionally shows a rich blush. A good forcing and garden variety.
50 cts. each; $4.00 per doz.

METEOR.

A rich, dark velvety crimson Hybrid Tea; a free-bloomer and vigorous grower, showing no tendency to mildew. Does not run single during summer, and as a market flower may prove of value.
50 cts. each; $4.00 per dozen.

MAD. SCHWALLER.
A Hybrid Tea, having the fragrance of La France and possessing the firmness, size and texture of the Hybrids with the freedom of flowering of the Tea class. One of the best of the new introductions and certain to please. Of globular form and rosy flesh color, deepening toward the edges.
50 cts. each; $4.00 per dozen.

M'LLE C. PERREAU.

A seedling from S. de Un Ami, but of larger size and better form than its parent. Habit of plant vigorous and productive. The flowers are of a bright rose color with a silvery shade. This sort will prove valuable either in or out-doors.
50 cts. each; $4.00 per dozen.

PAPA GONTIER.

A lovely Tea Rose which has proved to be all that has been claimed. The blooms are large and long, with thick broad petals of a dark carmine crimson. The inner petals are a bright rosy carmine, and light up well at night. It is delightfully fragrant, and combines all the qualities of the Bon Silene which have made that rose famous. Exceedingly free flowering, free from mildew, and keeps double during summer.
30 cts. each; $3.00 per dozen.

PRINCESS HOHENZOLLERN.

A promising red Tea Rose, a probable seedling from Papa Gontier. In color a bright glowing red, of large size, fine shape, fragrant and prolific.
50 cts. each; $4.00 per dozen.
New Hybrid Perpetual Roses.

**SILVER QUEEN.**
A very distinct and lovely Hybrid Perpetual, bearing flowers of a silvery blush color, shaded in the centre with delicate rose pink. The flowers are beautifully cupped and produced in abundance. The habit of the plant is vigorous, every shoot being crowned with a flower-bud. It promises well as an autumnal bloomer.

$1.00 each.

**MRS. JOHN LAING.**
An exquisite pink Hybrid Perpetual. A remarkably strong grower, very fragrant and a free bloomer. The stems are long and surmounted by well shaped buds of large size. May prove very desirable for winter forcing.

$1.00 each.

**GRAND MOGUL.**
A seedling from A. K. Williams, producing flowers of a deep brilliant crimson, shaded with scarlet and black; in dull weather and late in summer and autumn the flowers are darker, approaching to maroon. They are large, full, of perfect, symmetrical shape, and produced in great profusion; the foliage is large and of firm texture. It has been admired wherever shown, and is destined to take first rank as a grand decorative rose. It produces exhibition blooms of the highest excellence, and has received a first-class certificate from the Royal Horticultural Society.

$1.00 each.

**CLARA COCHET.**
A new Hybrid Perpetual rose of great promise, bearing very large and full flowers, of a clear satin rose, with bright centre. Highly spoken of by both French and English growers.

50 cts. each.

**TWELVE FINE FORCING ROSES.**

**American Beauty.** An excellent rose for forcing or open air. The flowers are very double, of a deep crimson color, and very fragrant. Its blooming qualities are remarkable, as it is scarcely ever out of flower, and is a true type of what a Hybrid Perpetual Rose should be. We consider it one of the most valuable of the late introductions.

**Bon Silenc.** Brilliant carmine rose, buds long, very fragrant and free, a general favorite.

**Catherine Mernet.** Bright flesh color, full and beautiful; one of the most lovely shades; the buds are of very large size and fine shape.

**Comtesse Freignouse.** A charming new yellow Tea Rose, very fragrant, the buds are long and pointed, nearly equal in size to Perle des Jardin, and are of a light yellow color, somewhat similar to M. Niel. Its lovely color and form, combined with its free blooming qualities, will make it popular.

**Papa Goutier.** Exceedingly free flowering, very sweet; one of the finest roses either for out of doors or for winter forcing. The blooms are large and long, with thick, broad petals of a dark carmine crimson.

**Perle des Jardins.** Beautiful rich yellow, of large size and perfect form; no other rose is cultivated so extensively for winter cut flowers.

**The Bride.** A lovely pure white rose of the Catherine Mernet type; it is very full and double, free flowering, and excellent for forcing or out-door planting.

**Wm. Francis Bennett.** For forcing this is an admirable rose; its rich, glowing crimson color and charming fragrance, combined with large size and correct shape, have rendered it a general favorite. We do not recommend it as a summer bloomer, as it is apt to run single, but for winter use it is invaluable.
TWELVE FINE FORCING ROSES—Continued.

La France. Splendid satin rose, very large, full, and of fine form; a constant bloomer. The sweetest of all roses, and none can surpass the delicacy of its coloring.

Sunset. Of large size and perfect shape; its color is of a rich, tawny shade of sulphur and orange.

First size 40 cts. each, $4.00 per doz.

Niphetos. Pure white, with beautiful long, pointed buds, full and fragrant; the favorite white rose for winter forcing.

Souv. D’un Ami. Bright rose, of large, perfect form, very fragrant; one of the best pink roses.

Second size 50 cts. each, $3.00 per doz.

TWENTY-FIVE SELECT TEA ROSES FOR SUMMER BEDDING.

This list consists of the cream of the Tea Roses, comprising all the desirable shades of color, and combining all the essential points of merit, viz.: vigor of growth, freedom of bloom, hardiness and fragrance.

Bon Silene. Brilliant carmine rose; a well-known and favorite variety.

Catherine Mermet. Bright flesh color, full and beautiful; one of the most lovely of its color.

Countess de la Barthe, or Duchess de Brabant. One of the most valuable bedding varieties, of a beautiful silvery pink color, with medium-sized globular flowers, very sweet.

Countess Riza du Parc. A grand rose of strong, vigorous growth, color bright coppery rose, shaded violet crimson.

Chas. Rovolli. Beautiful tender rose, with deeper centre, large and double; a fine and continuous bloomer.

Etoile du Lyon. Fine striking sulphur yellow, deeper in the centre, beautiful, open bloom; the most valuable yellow rose for summer bedding.

Homere. Tender rose with salmon centre; a most desirable out-door sort.

Isabella Sprint. Light canary yellow, buds of medium size, very fragrant and free blooming.

La Princess Vera. Rich ivory white, shaded with coppery yellow and carmine; distinct and handsome.

Louis Richard. Orange yellow, shaded with coppery red; a fine large double flower; quite hardy.

Mad. Camille. Fine light rose, large, globular flowers; full and double.

Mad. de Watteville. Salmon blush, each petal bordered light rose like a tulip, a lovely color and charming shape.

Mad. Dubrocca. A splendid rose; extra large, full flowers, and finely formed buds; color clear salmon, delicately tinged and shaded with carmine.

Mad. Joseph Schwartz. Light salmon rose, changing when fully expanded to creamy white; one of the most valuable summer flowering varieties.

Mad. Margottin. Dark yellow with rosy centre; an old and well-known favorite.

Mad. Welche. Light yellow with dark orange centre, very large, full and of fine form.

Marie Guillaume. White, slightly tinted with lemon, very large finely shaped flowers; especially valuable as a rose for summer cut flowers.

Souvenir D’un Ami. Bright rose, of large perfect form, very fragrant, flowers in clusters; one of the best pink roses.
TWENTY-FIVE SELECT TEA ROSES FOR SUMMER BEDDING—Continued.

Niphetos. Pure white, full, fragrant, magnolia-like petals; a general favorite.

Papa Goutier. Dark carmine crimson; see special description, page 75.

Pere des Jardins. Beautiful rich yellow, of large size and perfect form.

Safrano. Saffron yellow, beautiful in the bud; a well-known favorite.

Sunset. Of large size and perfect shape; it is of a rich shade of saffron and orange.

The Bride. A lovely pure white rose of the Mernet type; it is very full and double, free flowering and excellent either for forcing or for summer planting.

Vallee de Chamounix. White, with copper colored centre; reverse of petals yellosish white.

First size 40 cts.; $4.00 per dozen; or the set of 25 for $7.00.
Third “ 20 ” 2.00 “ “ “ “ “ 3.00.

TEA ROSES. GENERAL COLLECTION.

This class comprises the tea-scented ever-blooming roses which, as a class, are admired for their delicious fragrance, free blooming qualities and the exquisite shapes and coloring of their flowers. They make excellent bedders, and yield a succession of bloom through the entire season.

Aline Sistey. Deep purple rose, changing to violet red; large and beautiful in form.

Anna Oliver. Creamy blush, shaded with salmon yellow and rose.

Betty. Pure white; fine for summer bedding.

Bon Silene. Brilliant carmine rose; a favorite variety.

Bougere. Deep rose bronze, very large.

Canarie. Fine canary yellow.

Clotilde Soupert. Fine carmine rose, large and full.

Cornelia Cook. Creamy white, fine large buds.

Chas. Rovelli. Beautiful tender rose, centre brighter, large and double; a free bloomer.

Devoniensis. Creamy white, of lovely form.

Duchess de Brabant. Silvery pink, free and sweet.

Duchess of Edinburgh. Intense dark crimson.

Isabella Sprunt. Light carmine yellow, buds of medium size, very fragrant and free blooming.

La Paute. Pale yellow; very free.

Mad. Bravy. Pure white; very free.

Mad. Cusson. Purple rose, white centre, tinted yellow; large, full, and well formed.

Mad. Dubroca. A splendid rose; extra large full flowers, and finely formed buds; color clear salmon, delicately tinged and shaded with carmine.

First size 40 cts. each, $4.00 per doz. Second size 30 cts. each, $3.00 per doz. Third size 20 cts. each, $2.00 per doz.
HYBRID PERPETUAL ROSES.

We have again reduced our list of varieties in this class to thirty-six, believing that the range of color comprises all the distinct and really valuable shades. Many sorts have been left out, not because they are of no value in themselves, but that the sorts listed are superior in size, hardiness, vigor, productiveness or some other characteristic that is necessary to make a good rose.

The best effects are produced when masses of few colors are used, thereby avoiding the uneven and checker-board appearance of a body of miscellaneous varieties, whose demand for favor lies simply in that they are "different."

Alfred Colomb. A splendid rose; large, globular, full, and very sweet; bright clear cherry red, shaded with crimson.

Anna de Diesbach. Clear bright carmine; very large and finely shaped, full and fragrant.

Baron de Honstettlin. Dark red, almost black; very large, double, fragrant flowers; a strong grower.

Baroness Rothschild. A magnificent rose; flowers extra large, full and globular; color rich silvery white, delicately tinged with pale blush; rare and exquisitely beautiful.

Camille Bernardin. Deep red; free and fragrant.

Captain Christy. A lovely rose, blooming almost the entire season; very large double buds of a deep flesh color; strong grower and grand foliage.


Chas. Lefebvre. Bright velvety scarlet, petals smooth and thick; beautifully formed.

Comtesse de Oxford. Light carmine, fine form.

Fisher Holmes. Rich velvety crimson, large double, and of fine form; a splendid rose.

Geant des Batuilles. Bright scarlet crimson.

General Jaucquimenot. Brilliant scarlet crimson, a most superb and flowing color; large flowers.


Helen Paul. Very large and fragrant, globular, pure white, sometimes tinted rose.

Her Majesty. Ornamental size, perfect symmetry, and a lovely shade of rose pink tinted flesh color. The claims made for it as a forcing rose have hardly been borne out, but we consider it extremely valuable as an out-door rose. As a pillar rose for the South it will be found valuable, as it has a tendency to climb.


John Hopper. Bright rose, carmine centre; flowers large, cupped, and well formed.

Jules Margottin. Bright carmine, cupped; very fragrant; a splendid variety.

La France. Splendid satin rose; very large, full, fine form; a constant bloomer. The sweetest of all roses, and none can surpass the delicacy of its coloring.

Louis Van Houtte. Bright crimson, shaded black.

Mabel Morrison. Pure white; in autumn faintly flushed with pink; a lovely and distinct rose.

Mad. Gabriel Luizet. Fine satiny rose, very large and full; growth vigorous.

Magna Charta. Bright pink, suffused with carmine; a beautiful rose; strong, vigorous grower.

Marie Bauman. Brilliant carmine crimson, large and fragrant.

Marie Rady. Splendid crimson scarlet.

Mons. Boucenne. Dark velvety crimson, large, full, and of fine form.

Merveille de Lyon. Pure white, shaded with satiny rose; flowers 4 to 5 inches in diameter, double, and of a beautiful cup shape.

Paeonia. Clear bright rose, very fragrant.

Paul Neyron. Very large dark rose; by far the largest rose in cultivation; one of the most desirable. 50 cts.

Paul Verrier. Large clear rose, of beautiful form.

Prince C. de Rohan. Deep velvety crimson maroon, shaded with red.

Perle des Blanches. Pure white, with satiny rose, blooms in clusters.

Souv. de Chas. Montaut. Fiery red.

Star of Waltham. Rich deep crimson, large and double.

White Baroness. Pure white, a splendid bloomer.

Xavier Olibo. Dark velvety purple, shaded amaranth.

First size, 40 cts. each; $4.00 per dozen; set of 36, $10.00.

Second " 50 " 3.00 " 36, $6.00.

Third " 20 " 2.00 " 36, 5.00.
HARDY EVERBLOOMING ROSES.

The brilliant colors and hardy habit of this class, combined with freedom of blooming, render them specially valuable for masses. They are also desirable for growing in the house. A slight protection of leaves or straw will enable them to stand the severest weather.

Agrippina. Deep scarlet crimson.
Appoline. A lovely shade of pink; blooms in clusters.
Countess of Pembroke. Soft satiny pink; beautifully shaded with rosy peach; flowers large and of beautiful form, very full and highly scented.
Hermosa. Light pink; very free blooming.
Mad. Jean Sisley. Flowers large and full, cup-shaped, soft shade of white; outer petals imbricated; an elegant free flowering rose.

First size, 40 cts. each; $4.00 per dozen.
Second size, 20 cts. each; $2.00 per dozen.

Nameless Beauty. Bluish-tinged salmon; very fragrant.
Pierre Guillot. Bright dazzling crimson, passing to carmine; flowers large, very double and full, and highly scented; a healthy and vigorous grower.
Red Souvenir de Malmaison. Large flowers, beautifully imbricated, perfect form; color bright glowing crimson, rich and velvety, highly scented.
Souvenir de Malmaison. Blush, very large double and fragrant; a leading summer variety.

Second size, 30 cts. each; $3.00 per dozen; set of 10, first size, $3.50.

TWELVE LEADING HYBRIDS SUITABLE FOR GARDEN OR FORCING.

We have selected these 12 roses from our long list, as they combine beauty of form, hardiness, fragrance and fine coloring, and will not only adapt themselves to almost any situation, but will force readily.

Alfred Colomb. Large, full, and very sweet; bright clear cherry red, shaded crimson.
Anna de Diesbach. Clear bright carmine; very large and finely shaped, full and fragrant.
Baron de Bonstettin. Dark red, almost black; very large, double, fragrant flowers.
Baroness Rothschild. Flowers extra large, full and globular; color rich silvery white, delicately tinged with pale blush.
Captain Christy. Very large double buds of a deep flesh color; strong grower and grand foliage.
General Jacquiminet. Brilliant scarlet crimson, large and very beautiful.
La France. Splendid satiny rose; very large and fragrant.
Magnan Charta. Bright pink, suffused with carmine; a beautiful rose; strong grower and grand foliage.
Merveille de Lyon. Pure white, shaded satiny rose.
Prince C. de Rohan. Deep velvety crimson maroon, shaded with red.
Paul Neyron. Very large dark rose.
Xavier Olibo. Dark velvety purple shaded amaranth.

Large selected plants, 50 cts. each; set of 12, $5.00.
Second size, 40 " " " 4.00.

MOSS ROSES.

A class of roses which is a general favorite. The beauty of the flowers consists in the delicate mossy covering which surrounds the bud, and which gives to the opening flower a unique appearance.

The varieties listed comprise the best of this section, and are all perfectly hardy.

Blanche Moreau. Lovely pure white, large and full.
Comtesse de Murinais. Large white, beautifully mossed.
Glory of Mosses. Fine rose, very mossy.
James Veitch. Deep violet, shaded crimson; very free.
Henry Martin. Fine crimson, very vigorous.
Little Gem. Dwarf habit, small double crimson flowers, finely mossed.
Luxembourg. Bright crimson scarlet.
Mt. Blanc. Pure white.
Princess Adelaide. Bright rosy pink; large.
Raphael. Pinkish white, very mossy.
William Lobb. Purplish violet.

First size, 40 cts. each; $4.00 per dozen.
Second size, 30 " " 3.00 " "

Type of Moss Rose.
The following list comprises the best of the hardy roses which are of climbing habit, and suitable for training on pillars, verandahs, etc.

Baltimore Belle. Blush, of medium size, flowers in clusters.
Caroline Goodrich. A strong vigorous grower, flowers in clusters, color similar to Gen. Jacquimont, but more double.
Gem of the Prairies. Rich rose color, very fragrant.
Gloire de Rosamene. Bright crimson, semi-double handsome buds.
Grevilla or Seven Sisters. Flowers in clusters, opening at first of a light rose color, changing to pure white.
Prairie Queen. Deep rose, hardy and desirable.
HARDY CLIMBING or PILLAR ROSES—Continued.

Setina or Climbing Hermosa. Bright pink, very free blooming.
Waltham Climber, No. 1. Bright crimson. The three Waltham climbers are entitled to the claim of being autumnal flowering.
Waltham Climber, No. 2. Rosy crimson, fragrant.
Waltham Climber, No. 3. Dark crimson.

First size, 40 cts.; $4.00 per doz. Second size 30 cts., $3.00 per doz. Third size 20 cts., $2.00 per doz.

Tender Climbing or Pillar Roses.

The varieties enumerated below are not hardy in this latitude except in favored positions, or with careful protection; they are all especially adapted to covering rafter and posts in greenhouses.

Chromatella (Cloth of Gold). Golden yellow.
Clipping Devoniensis. Creamy white, of lovely form.
Gloire de Dijon. Blush and yellow, an old favorite.

First size, 40 cts.; $4.00 per doz. Second size 30 cts., $3.00 per doz. Third size 20 cts., $2.00 per doz.

HARDY CLIMBING or PILLAR ROSES—Continued.

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THE CULTIVATION OF ROSES.

In submitting our revised list of Roses to our friends and customers, we feel justified in saying that our plants this season are the largest and finest we have ever offered; the flattering letters received from many of our patrons in the line of trade results as indicated by stock purchased of us, have made us feel that our efforts to send out good and reliable plants are appreciated.

We have more than doubled our stock, and are devoting a large area of glass exclusively to the cultivation of the Rose, besides a large tract of land at our Belmont Rose Farm for the cultivation of the more hardy varieties.

The young Roses that have been propagated from extra-healthy clippings from our farms and nurseries are planted out in April or May, and then when the ground is dry enough to be plowed, as well as liberally manured, where they are cultivated until early in November, when the plants are carefully lifted, potted and stored during the winter in cold houses at our Riverton Nursery, as shown in illustration. Pot-grown plants of sorts best suited to this method are also cultivated at our Riverton establishment, and stored in Rose pits.

This treatment is especially desirable for plants intended for outdoor planting; it gives the Roses their natural season of rest and growth earlier in the spring before the foliage develops, and places them in a condition for starting off vigorously and naturally, thus avoiding the risk of diseases that attack plants grown in high temperature in forcing houses.

This treatment we find specially adapted for Hybrid Perpetual Roses, as we are enabled to furnish our customers plants that will bloom when set out in the open ground, which by the old method was nearly impossible, as the high temperature, unavoidable where fire heat was used, pushed them into bloom before it was safe to plant out-of-doors. Roses taken from a high temperature and subjected to the cool night air of the early spring months are invariably checked and the flowers ruined.

WINTER FORCING.

Young plants of the tea varieties may be potted on the benches between May and October in 6 inches of soil that has been specially prepared from soil taken from old pasture lands. No fertilizing material is given until the plants become well established. The best material for a stimulant is liquid manure, made from cow manure or guano, the latter to be applied carefully, say every week. Bone dust worked into the soil is a good fertilizer and lasting in its effect. By this method of growing the flowers attain large size and perfect coloring. The old way of growing the plants into large size before planting on the benches is still practiced by many and fine blooms obtained, though by using small plants they are required with equally good results.

Unceasing care is necessary that the proper degree of fertility and moisture is kept up, and that the temperature is not allowed to fall to the point where the plants will be chilled and subjected to an attack of mildew.

GARDEN CULTIVATION.

Preparation of the Ground.—Roses will grow in any fertile ground, but are much improved in bloom, fragrance and beauty by rich soil, liberal manuring, and good cultivation. The ground should be soaked and well spaded to the depth of a foot or more, and enriched by digging in a good coat of cow manure or any fertilizing material that is rich and deep. The soil should be freely dressed with old barn manure.

Planting.—When the ground is thoroughly prepared—firm and in nice condition—put in the plant slightly deeper than it was before, spread the roots out evenly in their natural position, and cover them with fine earth, taking care to draw it closely around the stem, and pack firmly down with the hand. It is very important that the earth be tightly drawn down on the roots. Budded Roses should be planted three inches below the bud. Always choose the most floppy and tender looking plants which are most convenient after the frosts are over. They can be sent with entire safety, regardless of the season. Always select an open, sunny place, exposed to full light and air. Roses appear to best advantage when planted in beds or masses.

Wintering.—If the ground is dry when planted, water thoroughly after planting, as to soak the earth down below the roots, and, if hot or windy, it may be well to shade for a few days. After this no much water is required unless the weather is unusually dry. Plants will not thrive if kept too wet and without drainage.

Pruning.—In most seasons it is best to prune established plants of hardy kinds in March. Tender varieties (such as the Tea Roses) and newly planted Roses may be left till a month later. As a general rule close pruning produces quality, and long pruning quantity of bloom. Climbing, Weeping and Pillar Roses should not be cut back; but the tips of the shoots only should be taken off, and any weak or unripe shoots cut out altogether.

FILL AND WINTER TREATMENT.

Full Treatment.—In the fall the Rose beds should have a good dressing of stable manure, or any fertilizing material that is convenient. The winter rains will carry the strength down to the roots, and the remaining matter makes a nice mulch, which in many places is all the protection that is necessary. In very cold localities it is a good plan to cover the beds all over with old sods, fresh earth, or coal ashes, from three to six inches deep. Where the winters are not very severe tender Roses may be nicely covered with clean dry straw, forest leaves, or evergreen branches, but care must be taken not to put it on too thick; the covering should permit considerable circulation of air, and should not retain water; and nothing should be used that will ferment, heat or rot. The object of covering is not to keep the plants warm, but to break the force of sudden and violent changes, particularly in March, when the plants should be protected from the sun, rather than cold; the sudden thawing of the frozen wood doing the damage. If manure is used, it should not be put on till just in the season, when the plants are well matured and severe weather close at hand; moderate freezing is not injurious. It should be understood that a certain degree of growth and development is necessary to enable even hardy Roses and plants to bear Northern winters. If newly planted just before cold weather, they cannot bear the winter; they must be planted early enough in the season to make considerable growth and get well established before cold weather begins, otherwise they will most likely be winter-killed. In some of the more exposed parts, a covering of straw, etc., may be necessary.

When to Uncover.—Do not uncover in the spring till frosts have left the ground and there is a prospect of reasonably settled weather. When uncovered the plants should be carefully pruned, and the beds dug and raked.
Water Lilies.

Water Lilies can be grown in a very simple yet effective way by the use of oil barrels cut in two. The tubs can be arranged in a row, each one a little higher than the one next to it. The tubs may be connected with short pieces of hose; a small stream of water can be kept constantly running into the highest tub, the overflow of which will run from tub to tub, thereby changing the water in all. They can also be arranged in groups, in rockeries, etc. About the middle of May the tubs should be placed in position and filled to half their depth with a mixture of loam and well-decayed manure, which should be covered with two inches of sand after the roots are planted to prevent the manure from rising to the top.

Placed in groups, the centre tub can be filled with Nelumbium Speciosum, and the surrounding ones with Nymphaea and other aquatic plants. The space between the tubs can be filled with good compost, and planted with Tuberous Begonias, Sedums, Palms, and other suitable stuff, which will give a beautiful and tropical effect.

NELUMBUM.

These wonderful plants, though mostly coming from tropical and semi-tropical regions, have proven to be entirely hardy in this country, enduring any degree of cold short of actual freezing. They may be grown and flowered in a large tub, or in a cement basin sunk in the ground, where the water is 12 or 15 inches deep.

N. Luteum. Though a native of this country, it is not common. The flowers are a rich sulphur-yellow, as large as a quart-bowl, and have a strong fragrance. This will be found one of the most effective, and should be in every collection, 50 cts. each.

N. Nuciferum Album Striatum. The flowers of this are white, the edge of each petal irregularly marked and splashed with crimson. $4.00 each.

N. Nuciferum Roseum. Flowers of a uniform deep rose pink color, much darker than Speciosum. First size, $3.00 each; second size, $2.00 each.

N. Speciosum. This is the true Lotus of Egypt, and is one of the loveliest of the Water Lilies. The flowers when just expanding are of a beautiful rosy pink color; when open they are of a creamy white and pink, and are very fragrant—they open in the morning and close in the afternoon. It is a very interesting plant and has been an immense success everywhere. First size, $4.00; second size, $2.50.

Nymphaea. (Terugr Varieities.)

These can be wintered in a cellar, if kept in water at a temperature of not less than 55 degrees.

Nymphaea Dentata. A white flowering species, with petals expanding horizontally, making them star-shaped. They have an agreeable perfume, but not as strong as our native Lily; the leaves are dark green, with serrated edges. $2.50 each.

N. Cerulea (Scutifolia). This species is a native of Egypt. It has bright green leaves and lavender-blue flowers, about 4 inches in diameter; they are very fragrant, the perfume being entirely distinct from N. odorata. It is very easily cultivated in a tub or muck, or it may be planted in a pond where the water is still and warm and the mud is rich. $2.00 each.

N. Rubra. This species is a native of India, with flowers of a brilliant rosy red, stamens scarlet. The flowers are somewhat smaller than N. Devoniensis, measure from 6 to 8 inches, and are a trifle more cup-shaped. The leaves are of a rich brown, and when they fade turn to a gold and crimson color, like autumn leaves. $3.00 each.

N. Zanzibariensis Azurea. The deepest colored and finest of all the blue Water Lilies; under good cultivation producing flowers 12 inches in diameter. $5.00 each.
WATER LILIES—Continued.

N. Devomensis. This is the choicest Water Lily in cultivation. Under liberal treatment it produces flowers 10 to 12 inches in diameter, and leaves 2 feet across, the plant having a spread of 20 feet. If confined in tanks, tubs or boxes, the flowers are smaller, but otherwise just as fine; the color is a brilliant red, glowing by lamplight with indescribable brightness.

First size, $2.50 each; second size, $1.50.

NYMPHÆA. (Hardy Varieties.)

By speaking of Water Lilies as hardy, we do not mean that they will stand actual freezing, but that they will endure the winter when placed in water near the reach of frost.

N. Alba Candidissima. This is a large flowered variety of the Water Lily of England; when naturalized in still water, with a very rich soil, it produces leaves 13 inches wide and flowers 6 inches in diameter, with very broad petals of a pure white color.

$3.00 each.

GENERAL LIST OF AQUATICS.

AZOLLA CAROLINIANA. A floating plant which produces no flowers, but is exceedingly interesting on account of the beauty and delicacy of its foliage. A small plant placed in a pan of water soon covers the entire surface; it should be grown in the shade.

25 cts. each.

CERATOPTERIS THALICTROIDES. This is an extremely curious and interesting Fern, growing with its roots entirely submerged in water, either in a pot or planted out in shallow water. The fronds are from 1 to 3 feet long and beautifully forked; it is sometimes called the floating Stag's Horn Fern. 75 cts. each. Ready April 15th.

CYPERUS ALTERNIFOLIUS. An excellent plant for growing in water or damp places; will thrive in any good soil, and always presents a green and attractive appearance.

25 cts. each.

JUNCUS ZEBRINUS. This is a true rush, growing from 1½ to 3 feet high, producing leaves variegated in the same manner as a porcupine quill, with alternate bands of green and pure white. It may be grown either as an aquatic or as a garden or window plant.

30 cts. each.

LIMNOCHARIS HUMBOLDTI. A pretty little aquatic, with oval leaves, and yellow, poppy-like flowers, standing out of the water. It should be grown in partial shade. It is a good plant for growing in shallow water or an aquarium.

50 cts. each.

LIMNANTHEMUM NYMPHÆOIDEIS. The flowers of this are similar to the above, but the leaf is larger, resembling a small Water Lily leaf, and is very pretty. It may be grown the same as the Limnocharis and is perfectly hardy.

30 cts. each.

Nymphæa Alba. The native Water Lily of England, possessing the same qualities as Candilissina, but with smaller flowers. $1.00 each.

N. Flava. This is a true Water Lily, with yellow flowers and a delicate perfume. Its leaves are beautifully variegated with brown. It is a very desirable variety either for a pond, tub or aquarium. $1.00 each.

N. Odorata. Our native Water Lily, flowers pure white and very fragrant; when grown in rich mud it will produce flowers 6 inches and leaves 13 inches across.

30 cts. each; $3.00 per dozen.

N. Odorata Minor. A small flowered variety of our native Water Lily, producing flowers of only 1½ to 2 inches in diameter.

40 cts. each; $3.00 per dozen.

N. Odorata Rosea (Cape Cod Water Lily). This is the famous Pink Water Lily of Cape Cod, and is a grand acquisition to our list of hardy Lilies. It possesses all the desirable qualities of the white flowered species, hardiness, freedom of bloom and delicious fragrance, with the added charm of a deep pink color.

$3.50 each; 2 for $6.00.

OLIVIRANDRA FENESTRALS. (Lattice Leaf Plant.) This is popularly known as the Lace or Lattice Leaf Plant, and is one of the most singular plants in existence. The leaves are from 6 to 18 inches in length, and from 2 to 4 inches in breadth, of a dark olive-green color, and present the appearance of a beautiful piece of net-work, or a skeletonized leaf. It must be kept under glass all the year, and should be grown in a pan filled with a mixture of loam and leaf mould; the pan should be placed in a tub of water, and the water kept sweet and the leaves clean.

$2.00 to $5.00 each.

PISTIA STRATIOTES. A very curious plant, which floats upon the water; its long fibrous roots extend downwards, but have no connection with the soil. It forms a rosette of light green velvety leaves, about 6 inches across; likes plenty of heat and should be shaded from the direct rays of the sun.

25 cts. each; $2.00 per doz.

PONTEDERIA CRASSIPES MAJOR. An improvement on Pontederia Crassipes, as it bears very freely flowers of a delicate lilac rose in trusses like a Hyaenith. The individual blooms are 2 inches in diameter. It should be grown in about 3 inches of water, so that the ends of the roots can enter the soil. $1.00 each.

TRIANDÆ BOGOTENSIS. A very curious floating plant with thick, spongy leaves, from ½ to 1 inch in diameter.

25 cts. each.

Hardy Grasses.

PAMPS GRASS. (Gyneryum Argenteum.)

One of the most effective of the Ornamental Grasses. Its silvery plumes are produced on stems 8 to 10 feet high. Well-established plants can remain in the open ground from year to year if protected. If desired, it can be removed to a cellar and replanted in the spring. Requires a rich and deep soil. The plumes, when cut before they fully expand, and dried in the shade, make handsome winter decorations.

25 to 50 cts. each. Extra strong plants for immediate effect, $1.00 to $2.00 each.
HARDY GRASSES—Continued.

blossoms much more abundantly, and makes a desirable plant for the decoration of lawns. 30 cts. each. Clumps 75 cts.

EULALIA JAPONICA VARIEGATA.
A very graceful, tall, ornamental grass from Japan. Its long, narrow leaf blades are striped green, white, and often pink or yellow. It throws up stalks from 4 to 6 feet in height, terminated with a cluster of flower spikes; the flowers are surrounded by long silky threads, which, when fully ripe, expand like an ostrich feather when curled. These dry flowers are valuable as parlor ornaments, as they retain their beauty for a long time.

25 cts. each, $2.50 per doz. Clumps 75 cts., $9.00 per doz.

EULALIA JAPONICA ZEBRINA.
This variety resembles Japonica in hardiness, growth and bloom. The long blades are marked with broad yellow bands across the leaf instead of longitudinally. Its markings are unlike any other grass. It makes a very attractive specimen plant for the lawn, and will not fail to attract attention.

25 cts. each, $2.50 per doz. Clumps $1.00 each.

HARDY PERENNIALS.

The plants brought under this heading are perfectly hardy, and will continue to flourish from year to year. Frequent removals are detrimental to success, as only well-established plants produce satisfactory bloom. Many charming plants are grouped in this section, and we are confident that if more perennials were planted many gardens would be wonderfully improved and the expense of keeping them attractive materially lessened.

ANTIGONON LEPTOTUS. A splendid climbing plant from Central Mexico, producing rose-colored flowers in racemes 2 feet long. The profusion of its bloom is such as to give the resemblance of roses at a distance; hence its Mexican name Rosa de Montea, or Mountain Rose. This plant is moderately hardy, with protection. The vines are killed to the ground by frost; but as this plant has tuberous roots, it quickly shoots up in the spring and develops its flowers from June till frost.

ANTILBE JAPONICA—Spirae Japonica. Splendid for outside flowering or forcing.

AQUILEGIA CHRYSANTHA. A beautiful golden-spurred columbine from the Rocky Mountains. Flowers rich golden yellow; blooms in early spring.

25 cts. each; $2.50 per dozen.
ANEMONE JAPONICA. One of the most beautiful of the hardy herbaceous plants; a finer bed of flowers can hardly be imagined than is made by these Japanese Anemones, which commence to open their rich colored single bloom in August, and continue to increase in beauty until the end of autumn. They thrive best in a light, rich, moist soil, and should not be transplanted more than is necessary to divide them when they become too thick.


CARNATIONS. Hardy garden sorts; general favorites on account of their rich clove fragrance and bright colors. The plants we offer are grown from seed secured from the leading European source. 15 cts. each; $1.50 per dozen.

DELPHINIUM EXIMIUM (Persian Dichelypap). This is certainly one of the handsomest and most satisfactory of all the hardy herbaceous plants, and should be planted extensively, even in the smallest garden; its long spikes of bright blue flowers are produced continually from June until frost; 20 cts. each; $2.00 per dozen.

DIANTHUS QUERTERI. One of the most beautiful of the summer-flowering pink sorts, of close compact habit, and a rich crimson color; flowering profusely the entire summer; 20 cts. each, or 3 for 50 cts.

DIANTHUS PLUMARIUS STANISLAUS. Of dwarf compact habit, blooming perpetually the entire summer; violet rose, with deep crimson centre. 20 cts. each, or 3 for 50 cts.

DIELYTRA SPECTABILIS (Bleeding Heart). Adapted to out-door planting or forcing for early spring blooming. It bears long racemes of graceful heart-shaped pink flowers.

DIELYTRA EXIMIA (Flywing Bleeding Heart). Similar in growth, but with flowers a deeper shade than D. Spectabilis and borne in plumes.

FEVERFEW (Little Gem). An improvement on the old Feverfew; it is very dwarf, attaining a height of only 8 to 12 inches. The flowers are larger, of more perfect form and of the purest white, 15 cts. each; $1.50 per doz.

FUNKIA ALBA (Ivy Lily). Pure white, lily-shaped, fragrant flowers; borne in large clusters.

Cernula. Blue flowers, broad green leaves.

Cucullata variegata. Beautiful green leaves, marbled with pure white; blue flowers; requires shade.

HEMEROCALLIS KWAMSO, B. pl. (Double Orange Lily). Large double copper-colored flowers. 50 cts. each.

HEMEROCALLIS FULVA (Lemon Lily). Lemon-colored flowers, excellent for planting among shrubbery.

HEMEROCALLIS MULTIFLORUS, B. pl. (Double Hardy Sunflower). An extremely useful hardy plant; it bears profusely large double flowers of a bright yellow color, which remain in perfection a long time; it should find its way into every garden.

HIBISCUS (Perennial Mallow). The flowers which are produced freely from July to September are six to eight inches in diameter, and vary in color from pure white to deep rose. The plants grow 5 to 6 feet high and form dense bushes, which are in season a complete mass of bloom.

HYACINTH CANDICANS. A snow-white summer flowering Hyacinth, growing 3 to 4 feet in height, gracefully surmounted with from twenty to thirty pure white bell-shaped flowers.

IRIS KEMPFERI. This Japanese Iris is an excellent addition to the list of hardy herbaceous plants; it should be planted in a somewhat cool, moist situation. They are quite distinct from all the other varieties, and are as beautiful as Orchids.

Empress of Japan. Lavender, pencilled with white.

Festa Yama. White, pencilled with purplish stripes.

Iceland. Light redish purple, pencilled with white; double.

Ieyas. Purplish blue; very rich.

Mr. Chotas. Light blue, striped and mottled white.

Nippon. Beautiful white.

Orientosan. Light purple, slightly mottled with white.

Named sorts 30 cts. each; $1.00 per doz.

Mixed sorts 20 cts. each; $2.00 per dozen.
### HARDY PERENNIALS—Continued.

#### IRIS.

**IRIS GERMANICA.** These are neat, robust, hardy herbs-conscious early blooming plants, with large ornamental flowers of rich and elegant blended colors, exquisitely striped, and in dark violet, purple, or bronzed lines, upon a lighter ground. They thrive best in low situations, and can be planted in marshy places or interspersed with low growing sedges on the margins of fish-ponds.

*C. hispanica.* White, bordered with blue.

*Comte de St. Clair.* White, shaded violet.

*Florentina.* White, pencilled blue.

*Herbertiana.* Pale blue.

*Honorablis.* Orange, lower petals brown.

*Juliette.* White, violet edge, shaded blue.

*Madame Chereau.* White, edged violet.

*Papoie.* Purplish lilac, lower petals dark.

*Platon.* Bronzy violet, lower petals lilac.

*Raphael.* Nankin yellow, lower petals purple, with white veins.

*Virgile.* Bronzy red, lower petals lilac.

*Virginal.* White, petals veined with purple.

*Wainer.* Lilac, lower petals dark blue.

100 cts. each; $1.50 per dozen.

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#### LILIES.

Some of the varieties of this favorite flower are truly magnificent. They are all hardy, and the bulbs can be planted either in the spring or autumn; *Candidum* and *Loniglofium japonicum* should be planted in the autumn, as they commence then to grow; a covering of mulch will be found beneficial for all the varieties, but must be removed very early in spring to prevent too rapid growth. The ground should be thoroughly drained. For pot-culture we recommend the *Candidums*, *Lancifoliums*, *Loniglofiums* and *Auratums*.

**Auratum (Golden Japan Lily).** This superb Lily has flowers 10 to 12 inches in diameter, composed of 6 white petals, thickly studded with rich chocolate crimson spots, and a bright golden band through the centre of each petal; exquisite vanilla-like perfume. As the bulbs acquire age and strength, the flowers obtain their maximum size and number. Unwards of 12 flowers have been produced on a single stem. It is perfectly hardy in dry soils, and is excellent for pot-culture.

Strong flowering bulbs 50 cts. each, $5.00 per dozen.

Medium size flowering bulbs 30 cts. each, $4.00 per dozen.

<table>
<thead>
<tr>
<th>Bulbiferum aurantiaescum</th>
<th>Orange red, cup-shaped flowers</th>
<th>Each. Doz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canadense</td>
<td>Pendulous flowers, yellow, spotted with brown</td>
<td>15  1.50</td>
</tr>
<tr>
<td>Candidum</td>
<td>Snow-white, fragrant</td>
<td>15  1.50</td>
</tr>
<tr>
<td>Excelsum (Testaceum Isabellaum)</td>
<td>Delicate light buff color</td>
<td>60  6.00</td>
</tr>
<tr>
<td>Lancifolium album</td>
<td>Splendid large pure white flowers</td>
<td>40  4.00</td>
</tr>
<tr>
<td>Lancifolium aureum purpureum</td>
<td>Pure white, large and fine; a lovely Lily</td>
<td>50  5.00</td>
</tr>
<tr>
<td>Lancifolium rubrum</td>
<td>White and crimson</td>
<td>20  2.00</td>
</tr>
<tr>
<td>Lancifolium punctatum</td>
<td>White, spotted with delicate salmon</td>
<td>50  5.00</td>
</tr>
<tr>
<td>Lancifolium monstrum album</td>
<td>Large cluster of pure white flowers</td>
<td>50  5.00</td>
</tr>
<tr>
<td>Lancifolium monstrum rubrum</td>
<td>White, crimson spotted</td>
<td>40  4.00</td>
</tr>
<tr>
<td>Loniglofium (Easter Lily)</td>
<td>Large and beautiful, snow-white, trumpet-shaped blossoms; also desirable for forcing as a bouquet flower</td>
<td>25  2.50</td>
</tr>
<tr>
<td>Pulchellum</td>
<td>Brilliant scarlet, similar in habit and form to <em>Tennifolium</em></td>
<td>30  3.00</td>
</tr>
<tr>
<td>Superbum</td>
<td>A beautiful and rich yellowish red spotted drooping Lily</td>
<td>20  2.00</td>
</tr>
<tr>
<td>Tennifolium (Coral Lily of Siberia)</td>
<td>Intense crimson scarlet</td>
<td>30  3.00</td>
</tr>
<tr>
<td>Tigronium (Tiger Lily)</td>
<td>Orange salmon, spotted with black</td>
<td>15  1.50</td>
</tr>
<tr>
<td>Tigronium flore pleno</td>
<td>Orange red, spotted with black, double showy flowers</td>
<td>25  2.50</td>
</tr>
<tr>
<td>Umbellatum grandiflorum</td>
<td>Orange, with brown spots, showy, free flowering</td>
<td>25  2.50</td>
</tr>
</tbody>
</table>

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#### LILY OF THE VALLEY.

(Convallaria Majalis.)

One of the most charming of our spring-flowering plants. Its slender stems set with tiny bells, diffusing a delicious odor, have rendered it a universal favorite. They are entirely hardy, and delight in a shady, well-enriched border. Roots delivered until April, and after Sept. 1st.

**Single White.** 10 cts. each; 50 cts. per doz.; $2.50 per 100.

**Single Rose Colored.** Light rose; very pretty. 10 cts. each; 75 cts. per dozen.

**Double White.** 15 cts. each; $1.00 per doz.; $8.00 per 100.
LYCHNIS VISCARIA ALBA PLENA. Large double white flowers, which are produced in the greatest profusion during the entire summer; very valuable for funeral designs, taking the place of the Carnation at a season when double white flowers are in great request; perfectly hardy.

LYCHNIS VISCARIA RUBRA. An early spring blooming plant, which carries its clusters of brilliant crimson flowers for several weeks.

MYOSOTIS DISSECTIFLORA (Forget-me-not). Hardy spring blooming plants, bearing a profusion of lovely light blue flowers.

MYOSOTIS, ELIZA FANROBERT. Large flowering, bright blue, of pyramidal habit; remarkably fine and distinct.

PEONIES.
The Herbaceous Peonies are exceedingly hardy, and will succeed in any ordinary garden soil, well enriched with good manure. During the summer months mulching will be beneficial to the roots, especially on dry soils.

Ambrosie Verschaffelt. Purplish crimson.
Alba Plena. Double white.
Baron Rothschild. Pale rose.
Edulis. Violet rose, very fragrant.
Hunrei. Pink; fragrant.
Isabella Kalitzky. Deep rose, shaded salmon.
Jean D'Arc. Blush, shaded rose.
Louis Van Houtte. Dark crimson.
Rubra Triumphans. Dark purplish crimson.
Striata Spectosa. Pale rose, blush centre.
Tenuifolia, fl. pl. Dark crimson; very double and showy, with peculiar cut leaves. 50 cts each.
Triumph du Nord. Rosy violet.
Victoria Tricolor. Rose, pink centre.
Treviso Peony. This plant, instead of dying down to the ground every winter, as the herbaceous variety, grows into a small, hard-wooded shrub. The flower is the same in form as the common variety, but of a light pink or bluish color. $1.00 each.
30 cts. each; $5.00 per doz., except where noted.

PHLOX.
The Phloxes are among the most desirable of the hardy perennials; their large and very brilliant trusses of beautiful flowers comprise all shades of color, from white to crimson, striped and mottled. Divide and replant, in freshly prepared soil, each alternate year. They delight in sunny situations and a rich soil.

Argose. Light rose.
Cross of Honor. Beautiful light rose color, striped pure white; an excellent flower. 25 cts.
Elaine. Vermilion, tinted purple, scarlet centre.
Flora McNab. Pure white, free.
Le Sultan. Purplish crimson.
Lothair. Brilliant salmon rose.
Mad. Deveret. Bright rose, crimson eye.
Middle. Ladonette. Rosy blush, deep rose eye.
Maid of Kent. Light blue, broad white stripe.
Major Stewart. White, crimson eye.
Miss Robertson. Pure white; dwarf.
Princess de Furstenberg. White; carmine eye.
Roi des Roses. Deep rose, centre crimson.
Sir E. Landseer. Very brilliant dark crimson; large fine flower.
Saison Lievet. White, centre violet rose.
Stamstead Rival. Rose pink, dark crimson eye.
Triumph de Twinkle. Rosy magenta.
Washington. White, rosy purple centre.
White Lady. Large pure white; extra.
15 cts. each, except where noted; $1.50 per dozen.
HARDY PERENNIALS—Continued.

25 cts. each; $2.50 per dozen, except where noted.

Alfred Harrington. Pure white, laced deep maroon.
Brunette. Deep maroon, laced white.
Defiance. Velvety maroon centre on white ground.
Etna. Centre laced deep crimson maroon.
Gertrude. Rose crimson, dark centre.
Juliette. White, laced crimson.
Laura Wilmer. White, purplish maroon centre.
Lord Lyons-. Rose pink, dark centre.
Mrs. Stevens. Centre maroon, laced crimson and white.
Prince Arthur. Crimson centre, blush lacing.
Pumila. plush, crimson centre.
Snow (Mrs. Sinkin). Specially suited for Easter, as it forms a perfect mass of snow-white flowers. It is entirely distinct from and superior to the old white Scotch pink, being nearly double the size and of the most exquisite clove fragrance.

15 cts. each; $1.50 per dozen.

Plumbago Larpent. Dwarf habit, flowers rich blue, excellent for edging.

15 cts. each; $1.50 per dozen.

Primula Veris (Cowslip). Blooms very early; flowers shading light to dark yellow.

15 cts. each; $1.50 per dozen.

Sedum Sieboldii. Foliage bright glaucous green; flowers light rose and borne in large umbels.

15 cts. each; $1.50 per dozen.

Trifolium. Dwarf hardy pinks, bearing double flowers of rich colors and possessed of the true clove scent. Though the plants are hardy, they winter better if protected.

Alba fimbriata. Pure white, fringed.

Platycodon Grandiflorum (Wahlenbergia). One of the very best perennial plants; in constant flower from early spring to late fall. It forms dense clumps, which are covered with a mass of bell-shaped flowers.

Alba. Pure white.
Cærulea. Deep blue.

SCOTCH PINKS.

Trifolium. A splendid summer and autumn flowering plant, with showy flower spikes and magnificent terminal dense spikes of rich orange-red tubular flowers; familiarly known from its glowing colors as the "Red-hot Poker," effective among shrubbery.

25 cts. each; $2.50 per dozen.


15 cts. each; $1.50 per dozen.

Yucca Filamentosa (Adam's Needle). A fine lawn plant; in early summer it throws up long stalks bearing numerous creamy white bell-shaped flowers.

25 to 50 cts. each; $2.50 to $5.00 per dozen.
AMPELOPSIS VEITCHI.

An entirely hardy Ampelopsis of Japanese origin. It grows as rapidly as the old Virginia Creeper, and attains a height of 50 feet. It clings firmly to any wall, tree, etc. The leaves are small on young plants, which at first are of an olive-green brown color, changing to bright scarlet in the autumn. As the plant acquires age the leaves increase in size. This variety becomes more popular every season, and is without question one of the very best climbing plants for covering brick or stone walls that can be grown.

25 cts. each; $2.50 per doz. Extra large 50 cts. each; $5.00 per doz.

AMPELOPSIS QUINQUEFOLIA.

(Virginia Creeper.)

A very rapid grower, with large dark green foliage, which changes in the fall to scarlet. A very desirable vine for covering arbors, verandas, etc.

25 cts. each; $2.50 per doz.

ARISTOLOCHIA SIPHO.

A vigorous and rapid growing climber, bearing singular brownish colored flowers, resembling in shape a Dutchman’s pipe. Its flowers, however, are of little value beside its fine light green leaves, which are of very large size, and retain their color from early spring to late fall. The plant grows very quickly, and soon makes a dense shade. For arbors or trellises, or for making a screen, it is invaluable. It readily attains a height of 20 feet and is perfectly hardy.

50 cts. each; $5.00 per doz. Extra strong plants $1.00 each.
Clematis.

Within the past few years great attention has been given to the cultivation of these valuable plants, and a large number of elegant varieties have been obtained, bearing magnificent showy flowers of large size and superb coloring. For garden and conservatory decoration, either as climbers on walls, trellises or verandas, old trees or ruins, or as specimens on the lawn or in borders, or for massing in large beds on the lawn, they have scarcely an equal, certainly no superior, as they embrace nearly every shade of color. The following is a most desirable collection in every respect:

Alba Magna. Pure white, with purplish brown anthers; one of the finest white varieties in cultivation.

Anderson Heuryc. Creamy white, large and handsome.

Countess Lovelace. Bluish lilac, rosette-shaped, forming a double flower, occasionally showing single flowers.

Duchess of Edinburgh. Very fine, pure double white, sweet scented.

Fairy Queen. Large flowers, pale flesh with a pink bar in centre of sepals, shaded purple at base.

Gloire de St. Julien. White, flushed with mauve while young; large and showy.

Imperatrice Eugenie. Large flowers, of a pure white color; free blossoming.

Jackmanni. Large rich violet purple; a free bloomer and strong grower.

Lawsoniana. Rosey purple, with darker veins; distinct and very large.

Mad. Eliza Schenck. Blue; very free flowering.

Mrs. James Bateman. Pale lavender, large and free.

Mad. Van Houtte. Pure white, extra fine.

Star of India. Reddish violet purple, with red bars.

Sensation. Rich satiny mauve, large and showy.

50 cts. each; $5.00 per dozen.

Clematis Flamula.

(Virgin's Bower.)

A general favorite, where a hardy, rapid growing, graceful vine is desired. Its small bright green foliage is almost hidden by large clusters of small fragrant white flowers.

25 cts. each; $1.00.

Clematis Crispa.

A beautiful and distinct species, the flowers of which resemble in shape some of the elegant bell-shaped Lilies, and are 1½ to 2 inches in width and about 1½ inches long.

The color is a beautiful lavender-blue tint on the surface and margin of petals; the centres of the petals are an opaque white, are of a thick leathery texture, perfumed with a delicious piquant bergamot flavor. Remarkable for its free growth and robust habit; it is hardy and very free flowering, continuing in bloom from June until frost.

25 cts. each; $1.00; free by mail.

Clematis Cocchina.

This remarkably handsome climbing plant has proved to be one of the most desirable climbing plants. The plant is a herbaceous perennial, the stems dying to the surface each winter; the vines attain the height of from 8 to 10 or 12 feet, beginning to flower in June and continuing until frost; single vines have from 20 to 30 flowers on each, and frequently as many as 10 vines will start from one crown each season.

The flowers are bell-shaped, in color a rich deep coral-scarlet, shining as if polished, and lasting a long time when cut. The plant grows freely in any soil, requiring only one or two hours' sunshine to strengthen the vine sufficiently to make a successful flowering season, and above all is perfectly hardy, standing exposure in our severest winters without harm.

Free by mail, 25 cts. each; $1.00.
HONEY SUCKLES (Lonicera).
Plants that are too well known to need description. They should be in every garden, as they thrive with little care, and throughout the season scent the air with their fragrance. The three varieties listed are by far the best for all purposes, and will be certain to give satisfactory results. The other sorts have a tendency to decay at a time when they begin to be of value. On this account we have discarded them, but will procure them if customers desire.

Chinese Evergreen (Woodbine). Red, yellow and white variegated flowers; very fragrant.

Variegated (Aurea reticulata). Foliage beautifully mottled yellow and green; succeeds in any situation; a fine edging to flower beds.

A. aurantiaca. Orange, flowers freely; evergreen.

Chinese Evergreen (Woodbine). Red, yellow and white variegated flowers; very fragrant.

Variegated (Aurea reticulata). Foliage beautifully mottled yellow and green; succeeds in any situation; a fine edging to flower beds.

25 to 50 cts. each, $2.50 to $5.00 per dozen.

AKEBIA QUINATA.
One of the best climbers, bearing numberless bunches of violet brown flowers, which have a pleasant cinnamon odor. It begins to bloom early in spring, and continues several weeks. In good soil and location it will grow 30 to 40 feet high. 25 to 50 cts. each; $2.50 to $5.00 per dozen.

BIGNONIA.
(Trumpet Creeper.)
For covering unsightly places, stumps, rock work, or planting in crevices in ledges, the Bignonias will be found very useful. The flowers are large, attractive, and showy, and borne profusely when the plant attains a fair size.

B. grandiflora. Large flowered Trumpet Creeper, bearing blooms of an orange red color. 50 cts. each.

radicans. Dark red, orange throat; free blooming and very hardy. 25 cts. each; $2.50 per dozen.

IVIES (Hedera).
Out of a long list of sorts we have selected the following as combining all the best qualities for general use.

Hedera digitata. Finger-Leaved Ivy.

helix. The hardy English Ivy, generally used for growing on walls.

marmorata elegans. Small silvery marbled leaves.

rugulata. Giant leaved; strong grower.

25 cts. each; $2.50 per dozen; $18.00 per 100.

JASMINES.
Jasminum nudiflorum (Yellow Flowering Jasmine). Producing fragrant yellow flowers; hardy with protection in this latitude. 25 cts. each.

Jasminum officinale (White Flowering Jasmine). Pure white, fragrant; hardy with protection in this latitude. 25 cts. each.
One of the best of all hardy climbers. When given a sunny situation and a liberal manuring it grows rapidly, and presents when in bloom a magnificent appearance. The flowers are borne in long, drooping clusters, in the greatest profusion during early spring, and are all the more acceptable for coming so quickly after frost has departed. They climb to a height of 50 feet, and will cover a large area.

Wisteria Multijuga, fl. pl. A handsome double-flowering variety from Japan, having elegant foliage and lovely lilac and blue flowers. $1.50 each.

Wisteria Sinensis (Chinese Glycine). The favorite variety, producing thousands of pendulous clusters of delicate violet-blue blossoms, richly perfumed. 50 to 500 cts. each.

Wisteria Sinensis alba. Of similar habit to Sinensis, with pure white flowers; a lovely climber. 50 cts. each.

PASSION FLOWERS.

Very handsome, rapid-growing plants, which bear profusely their fragrant flowers from midsummer till cut by frost. They should be mulched during winter to protect the roots from alternate freezing and thawing.

Passiflora Constance Elliot. The flowers are pure white, excepting a very slight coloring at the base of the corolla. To the list of cut flowers and climbing vines it is a decided acquisition.

Passiflora cernua. Bright blue; very fragrant and free-flowering.

Incarnata. A lovely shade of blue, white centre; one of the very best.

25 cts. each; $2.50 per dozen.
General Collection of Bedding Plants.

ABUTILONS.

This class of plants during the past few years has been wonderfully improved. The collection we offer embraces the finest of recent introduction, together with the cream of the old and well-tried sorts.

Auratum Maculatum. Green and yellow mottled foliage, flowers yellow, veined with crimson.
Boule de Neige. Fine, pure white; free blooming.
Brilliant. Bright red, free dwarf habit.
Coronae D’Or. Beautiful, deep sulphur yellow.
Crusader. Rich crimson scarlet, large.
Emperor. Claret crimson, large and fine.
Firefly. Rich salmon scarlet; fine.
King of Roses. Large rosy crimson.
Royal Scarlet. Brilliant scarlet, very dwarf and free.
Scarlet Gem. Brilliant red, dwarf habit, small foliage.
Thompsonii Plena. A new variety, with perfectly double flowers, that resemble in form a double Hollyhock; color rich deep orange, streaked with crimson.
Veillarmium Aureum Pictum. Flowers scarlet, petals golden yellow; free bloomer, drooping habit, foliage marbled golden yellow and green; fine for vases.

ACHYRANTHUS.

Indispensable for bedding purposes, either in masses or ribboning, their brilliant tinted leaves forming a marked contrast with all other plants.
Amrunnata. Large purple foliage.
Emersonii. Deep red, shading to pink. One of the very best sorts for contrasting with Coleus or Centaurea.
Formosum. Rich bright yellow, with light green edge and crimson midrib; the stems are of a peculiar shade of crimson.
Lindenii. Dark purple elliptic foliage.

AGERATUM.

Old garden favorites of easy culture, blooming continuously throughout the summer months.
Blanche. Pure white, very desirable.
Cope’s Pet. A decided improvement on the well-known and popular John Douglas. It is of a brighter and more cheerful blue, and rather more even in growth, never exceeding 6 inches in height.
John Douglas. Large azure blue flowers, dwarf compact habit.

AGAPANTHUS.

Summer-blooming plants; excellent for growing in tubs or planting in rockeries among aquatics.
Umbellatus (Blue Lily of the Nile). Blooms in large umbels; flowers a lovely shade of light blue. 50 cts.
Umbellatus Albuns. Flowers pure white. $1.00 each.

ALTERNANTHERAS.

Beautiful dwarf plants of compact habit, growing about 6 inches high, and admirably adapted for edgings to flower beds or ribbon lines, their beautifully variegated foliage of crimson, purple, yellow, pink, and green forming rich masses of color, always attractive and highly ornamental.
Aurea Nana. Bright golden yellow, holding its color well the entire season.
Amabilis Tricolor. Orange, crimson and dark green.
Aurum Spectabilis. Crimson, pink and brown; the finest and brightest.
Paronychoides Aurea. Bright yellow foliage.
Versicolor. Foliage ovate, olive, crimson and chocolate; when used for edgings they must be frequently sheared; the young tips will then assume the most brilliant hues.
10 cts. each; $1.00 per doz.; $6.00 per 100.

ANTHEMIS CORONARIA FL. PL.

One of the most useful plants for bedding or pot culture lately introduced. It bears its golden yellow double flowers profusely during the season, and can be recommended as a first-class edging plant.
25 cts. each; $2.50 per dozen.

NEW BEGONIAS OF 1887.

Alba Picta. A pretty species from Brazil, distinct in character. It is shrubby in habit and of compact growth. The leaves are glossy green, freely spotted with bright silvery white. Will make a really useful and pretty plant for decorative purposes.
Diadema. A new upright-growing species with deeply cut foliage of a rich green, spotted with silvery white; a most distinct and pretty variety.
Glorie de Sceaux. One of the finest flowering Begonias introduced for many years; it is of upright habit, producing during the entire winter large, open, flat flowers of a soft, silky pink, contrasting well with the rich bronzy green foliage.
Olivet. Oval long pointed leaves, with sunken veins. The raised portions are marked with silvery blotches.
Rubella. A very ornamental Indian species belonging to the Ricinifolia section. Leaves blotched red, with purplish blue ribs on upper surface, under side red.
Teuscheri. A very free growing ornamental Begonia, which flowers profusely. Flowers rose colored.
40 cts. each; set of 6 $2.00.

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BEGONIA.

Very useful and effective plants for vases and baskets, or for bedding out in half-shady places on the lawn. They flower profusely during summer and winter, and are among the best plants for house decoration.

*Alba Perfecta Grandiflora.* Similar to Rubra in habit and foliage, but of a pure white color.

*Foliosa.* White flowers; fine, neatly cut foliage.

*Rubra.* Dark green leaves, flowers scarlet rose, glossy and wax-like.

*Saundersoni.* Scarlet flowers, dwarf habit; in bloom continually.

*Semperflorens Rosea.* Light rose pink, flowers of large size; a continuous bloomer.

*Weitoniensis Alba.* Pure white.

20 cts. each; set of 6 $4.00.

TUBEROUS ROOTED BEGONIAS.

The Tuberous-Rooted Begonias are among the handsomest of our summer flowering bulbs. They are not grown to the extent they should be, as they require no more care than Geraniums, have as fine a range of color, and will bloom continuously throughout the summer, even when Geraniums droop through lack of moisture and fail to unfold their flowers. Planted either in the rockery or flower border, they rival the Geraniums with their rich and varied colors, ranging from the most delicate shade of yellow and salmon to the most striking crimson and scarlet. We have made a specialty of these charming plants for several years, have tried them thoroughly, and have no hesitation in saying they are destined to play a very important part in the bedding of the near future. With us they have bloomed profusely when planted out on rockwork or in the open ground, and have been a decided attraction.

*Bright Scarlet,* Orange Scarlet, Crimson Scarlet, Pink, White. Yellow, 30 cts. each; $5.00 per dozen.

*Mixed Single,* 25 cts. each; $2.50 per dozen.

*Mixed Double,* 50 cts. each; $5.00 per dozen.

and scarlet flowers, blooming during the autumn and winter. Their dazzling richness of color and formation of flower make them one of the most useful of our winter blooming plants.

*Alfred Sennar.* The flowers are composed of three perfect rows of petals of the purest waxy white color, each floret resembling a miniature tuberose.

*Davidsoni.* The best of the single white varieties; sometimes delicately tinged with pink.

*Elegans.* Light scarlet carmine; flower and truss immense size, measuring three to four inches in diameter.

*Humboldtii Corymbiflora.* Long, tuber-shaped pure white flowers; very fragrant.

*Leiantha.* Fiery scarlet.

*President Garfield.* Bright pink; very double.

*Rosa Multiforma.* Beautiful shade of salmon rose, very free blooming.

20 cts. each; $2.00 per dozen.

CANNAS.

Excellent plants for garden decoration. Where sub-tropical effects are desired they are indispensable. The varieties offered are the cream of existing sorts, and bear flowers of similar size and form as Gladiolus.

*Adolph Weich.* Rich pea-green foliage, very dwarf and compact habit, flowers large, of a rich crimson scarlet, shaded with orange. A free blooming and attractive sort which should be in every collection.

30 cts.

*Eheinmanni.* 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 12 flowers. The flowers are as large as a Gladiolus, and are used to advantage in bouquet making. This is one of the most striking and desirable Cannas ever introduced, and cannot be too highly recommended.

40 cts. each,
GENERAL COLLECTION OF BEDDING PLANTS.

CANNAS—Continued.

Nouttoni. Is quite distinct from Ehemauni in coloring, being a rich shade of crimson scarlet. The flowers are very large, growing erect instead of drooping. The foliage is of a beautiful bluish green, growing very compact and remarkably free-flowering, forming nearly solid masses of rich, warm coloring. The plant does not exceed 6 feet in height. 40 cts. each.

Robusta Perfecta. (See colored plate.) A most distinct and handsome sort, bearing immense leaves 12 to 18 inches wide and 3 feet long, of a bright bronze red color. The habit of the plant is very robust; in rich soil it will attain a height of 8 feet and at a short distance appear like the Abyssinian Banana. Unlike the other varieties it flowers but little. This should be largely used; as with it fine effects can be made. 30 cts. each; set of 5 $1.50.

CANNAS—Select Old Sorts.

Brennngsi. Broad green foliage, ornamented with broad bands of yellow; constant variegation.

Mons. Allegatorc. Large green and bronzy purple foliage; very large orange-red flowers.

Premices de Nice. Long green leaves; golden yellow flowers.

President Faivre. Foliage splendid bronzy maroon, flowers large brilliant crimson.

Sou. de Barillet Deschamps. Green shaded maroon; large crimson flowers.

Victor Lemoine. Dark bronzy green leaves; very large orange flowers; 5 feet.

Zebrina. Beautiful large, bronzy shaded foliage. 25 cts. each; set of 7 varieties for $1.50.

CALADIUM. (Elephant's Ear.)

One of the most effective plants in cultivation for the flower border or for planting out upon the lawn; it will grow in any good garden soil, and is of the easiest culture. To obtain the best results it should be planted where it will obtain plenty of water, and an abundance of rich compost.

Esculentum. The best sort for garden decoration; foliage light green. When full size it stands 6 feet high, and bears immense leaves 3 to 4 feet long by 2½ feet wide.

Bataviensis. Similar to Esculentum in form, but bearing dark green leaves with black stems. First size, 25 cts. each; $2.50 per dozen. Second size, 50 cts. each; $5.00 per dozen. Extra selected, $1.00 each; $10.00 per dozen.
CARNATIONS.

The following have been selected from a long list of new sorts as being distinct in color, of free habit of growth and very floriferous.

**Boisse.** Clear sulphur yellow, very free.

**Columbia.** One of the very best of the fancy varieties, of a bright buff color, flanked with carmine and rose.

**E. G. Hill.** The finest scarlet yet introduced, of vigorous, healthy growth, and very free.

**Mdlle. Carie.** The finest white Carnation in cultivation, very distinct.

**Oriente.** Bright crimson scarlet, shade of Jacqueminot rose, flower large and good.

**Paxton.** White edged with scarlet; a fine and delicate flower.

**Silver Lake.** Pure white fringed; a lovely variety.

30 cts. each; set of 7 $1.75.

**CARNATIONS. SELECT LIST.**

**Allegatiere.** Large bright scarlet; a fine flower.

**Buttercup.** Rich golden yellow, with a few streaks of clear carmine; of vigorous habit and very floriferous. The florets are full and very double, from 2½ to 3 inches in diameter.

**Century.** Of healthy growth, medium height, and early constant bloom; of a rich glowing carmine color, full and double; rich clove fragrance.

**Crimson King.** Dark crimson scarlet; large.

**Dawn.** Neither what is called a straight or solid color, or variegated, but a blending from the centre of the flower outwards, of a soft, delicate pink or rose color to pure white at the edge, delightful fragrance.

**Duke of Orange.** Fine orange yellow, striped with carmine.

**Field of Gold.** This is a pure yellow Carnation of strong growth and very profuse flowering late in the season. There is no stripe at all in it.

**Grace Wilder.** Bright rosy pink, very fragrant.

**Hune’s White.** Pure white, very free.

**Mrs. Carnegie.** White, delicately pencilled and laced with rosy carmine, finely fringed; a good strong grower.

**Meteor.** The bestrich scarlet.

**Peter Henderson.** Very large, pure white; free-blooming, of strong dwarf habit.

**Pres. De Graw.** Pure white, very floriferous.

**Pride of Penshurst.** Beautiful bright yellow self-colored flowers. It is of strong, vigorous habit, very fragrant and free.

**Portia.** Intense bright scarlet.

**Quaker City.** Large perfectly pure white flowers, especially valuable during Easter, as it comes into bloom in February, and is a complete mass of flowers until July.

**Scarlet Gem.** Rich, dazzling scarlet, of dwarf, vigorous habit, and remarkably free-flowering.

**Sunrise.** Light buff, flaked with bright red; flowers large, and of good shape; fragrant and free; does not burst, and can be cut with long stems.

**Snowdon.** Pure white, very dwarf and free.

First size 25 cts. each; $2.50 per doz. Second size 15 cts. each; $1.50 per doz.
CHRYSANTHEMUMS.

"When nature dropping from the trees and corn is gathered in,
When purple grapes are on the vine and apples in the bin,
When far across the level fields is borne the crop's harvest call,
Then in the garden list its head the bravest flower of all.
Oh! bright and strong and undismayed, the bravest flower of all,
For on the winter's icy edge it sets its banner bold,"

With fragrance keen as yarrow and spice, with colors clean and cold.

Its petals may be tipped with pink, or touched with palest hue
Of yellow gold, or snowy white—their beauty smiles at you;
And little rocks it, though the frost may chill the stinging air,
It came to see the curtain drop, this flower so debonair.

Margaret E. Snapper.

The Chrysanthemum, next to the Rose, is at present the most fashionable flower. Its remarkable diversity of size, form and coloring, added to its freedom of bloom, at a season when all other flowers have faded, render it a plant eminently worthy of care and attention. Within the past few years marked attention has been paid 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. It is invaluable as a border or pot plant; its chief requirements are plenty of water and a rich soil. Sunny, warm situations suit it best and prolong its season of bloom until severe frosts set in. The increase of beauty and size has brought also an increase of tenderness, so that in order to attain the best results the clumps should be lifted in the fall after the frost has cut 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 border, or divide and pot it to be grown for house decoration or exhibition.

Our lists contain the best of the old sorts, the introductions of last season and the novelties of 1888. As not a poor sort appears in the lists, our customers can rely on any sort they may select as being desirable in every way.

JAPANESE SECTION.

Abdel Kader. Rich deep crimson maroon.
Angela. Pale satiny rose, suffused with pink, reverse of petals silvery.
Bouquet Fruits. A most beautiful variety, with delicate rose-like flowers of immense size, shaded silvery rose; early.
Christine's Eve. One of the finest late flowering whites in cultivation, pure snowy white, superior in shape and first-class in every way.
Ceres. Beautiful blush pink, fine flower; distinct.
Duchess. Rich deep red, each petal tipped with golden yellow; the flowers are large and in dense clusters.
Domination. A grand variety, with erect petals; blush with rose base, slightly fringed.
Fantasia. Flowers white blish, of good size; each petal is 2 to 3 inches long, has a convex surface and is slightly twisted.
Fimbriata. Handsomely fringed petals, of a most lovely shade of delicate blush.
Fr. Delcass. Dark red, reverse of petals golden yellow; very large and double; very early and one of the best of its color.
Gloriosum. Very fine light yellow, with immense flowers, having narrow petals gracefully curved and twisted; very early.
Golden Dragon. Yellow with long twisted petals; one of the finest and richest yellows.
Hon. John Welsh. Beautiful deep crimson; a distinct and handsome variety. 25 cts.
II. Winterer. Reflected yellow, with copper centre; enormous flowers of great substance; very late and lasts a long time. 25 cts.
Jessica. White, very long petals, shows a lemon eye when fully expanded; a great bloomer.
Julius Scharr. Very large, flat and smooth, of the richest violet amaranth; lasts a long time; one of the very finest of its color.
Jupiter. Brilliant crimson red, very large and perfect in shape.
John H. Bradbury. Very fine.
Lord Byron. Peculiar bronzy amber; a distinct and handsome variety.
Lakme. Petals much twisted; golden salmon; reverse of petals old gold.
L'Adorable. Canary yellow, striped with red; a distinct and fine variety. 25 cts.
Mrs. Frank Thomson. The flowers measure 6 inches when fully expanded, and are a blush white streaked with rose; petals broad and deeply incurved.
Mrs. George W. Childs. Similar in shape to the preceding; outside of petals white, inside pink.
Mrs. Cleveland. Very fine pure white, petals tubular, very regularly arranged, forming almost a perfectly globular flower. 50 cts.
Mrs. W. A. Harris. A most distinct variety, flowers very large, and of a delicate shade of creamy white and pink; petals loosely arranged and wayy.
Mrs. W. Muncie. Brightest shade of yellow; petals slender, and of peculiar shape.
Mrs. Jones. A magnificent late golden yellow flowering variety; of large size, graceful form, and remarkably free blooming. 50 cts. each.
Mrs. R. P. Manson. Quite distinct from all others, of a coppery pink color, much incurved and large. 25 cts.
Mrs. John Thorpe. Brilliant crimson; very decided in coloring, petals tubular for half their length. 25 cts.
Mrs. Chas. Wheeler. Old gold and crimson; one of the most distinct ever introduced. 50 cts.
Mrs. Geo. Bullock. One of the most magnificent large white varieties. 25 cts.
M. Leon Brunet. Bronze and crimson; fine.
Mrs. R. Brett. A distinct variety, differing from all others in its petals. Numerous bright flame-like flowers and rich coloring of pure gold. 25 cts.
M. Lemoine. Flowers large; of a rich rose color with orange yellow centre.
Moonlight. Very large pure white, incurved.
Piedro Diaz. Brilliant red, large flowers; first-class.
CHRYSANTHEMUMS. JAPANESE SECTION—Continued.

President Arthur. Immense rose flowers, opening in whorls.
Porcupine. A remarkable variety, having long straight tubular needle-like petals of pink and white. 25 cts.
W. R. Harris. Nankeen yellow and red, forms perfect balls.
Wm. Joyce. Pink or deep rose; extremely showy and very free flowering. 50 cts.
White Dragon. Large, pure white with long twisted petals; very fine and distinct.
Yellow Queen. Very large bright yellow late.

Tubiforum. A remarkable variety, having long straight tubular needle-like petals of pink and white. 25 cts.

CHINESE SECTION.

LARGE FLOWERED.

Alfonso. Crimson, pointed with yellow.
Alfred Salter. Large delicate pink.
Alfred Warne. Pure white, finely incurved, dwarf and compact habit. 50 cts.
Baron Beust. Bronzy orange; incurved.
Compactum. Fine silvery rose, handsome shape.
Cullingfordi. The brightest shade of crimson, a large and fine flower. 25 cts.
Diana. One of the very best whites in cultivation.
Duchess of Connaught. Silvery rose; extra fine.
Elaine. White, petals tinted carmine.
Etoile Fleurie. Reddish carmine, each petal margined and pointed old-gold.
Frank Wilcox. Slightly fringed rich amber, shaded deep bronze crimson. Keeps perfect a long time.
Jean D’Arc. White, tipped rose lila, finely incurved; a superb flower.

15 cts. each; $1.50 per dozen, except where noted; $10.00 per 100, except where noted; set of 27 sorts $3.00. Preside
POMPONE SECTION.

Black Douglas. Large brilliant crimson; good shape.
Bob. Fine crimson.
Cardina. Fine yellow.
Compactum. Delicate blush.
Golden Pheasant. Rich golden yellow; fine form.

La Fiancée. Pure white, fringed; fine for cut flowers
Mad. de Pateauville. Clear rose.
Orange Beauty. Beautiful orange yellow.
Princess Louise. Clear rose.
Princes Meletia. White fringed; fine.
St. Michael. Very bright golden yellow; fine.

15 cts. each; $1.50 per dozen; set of 13, $1.50.


"VICTORIA" SET.

The "Victoria" set of single Chrysanthemums we offer with all confidence, as it comprises only the purest and best colors, finest forms and novel shapes. For pot or garden culture, or for exhibition purposes, it is all that could be desired.

Ariadne. Brilliant red, large golden centre, broad reflexed petals.
Corinne. Creamy white, petals tubular almost their entire length, flattening out on the tips.
Hermione. A distinct variety with tubular petals and fringed edges, pure white streaked with silvery rose.
Lady Blanche. A soft and pleasing blush color, petals tubular and regular in shape.
Lynette. Flowers six inches in diameter, petals tubular, fringed and flattened on the ends; of effective shape, and a beautiful silvery rose color. 50 cts.
Phubus. A lovely variety, bearing large flowers of an attractive shade of rose, regularly fringed.

35 cts. each except where noted; set of 12 $4.00.

Isis. Pure yellow striped crimson.
Progress. Very large incurved flowers, of a pure white color lightly streaked violet rose and pink, large yellow disc.
Rosalind. A distinct and pleasing variety, bearing large tubular flowers of a peculiar bronzy salmon shade, end of petals flattened and edged bright red. 50 cts.
Sappho. Beautiful rosy magenta flowers over 6 inches in diameter; a bright and showy sort.
Sylvia. Immense flowers with broad heavy petals of a pure white color, yellow disc; an extra fine sort. 50 cts.
Urania. Beautiful bronzy red, reverse of petals rich salmon; a large and showy flower.

Rosalind.
SINGLE CHRYSANTHEMUMS.

The single varieties are very showy and excellent for cutting during the early fall and winter. They are more attractive than Paris Dahlias, and last longer when cut. The varieties we offer include only the best that have been offered and several new sorts not heretofore sent out. The flowers are very distinct in shape and color, and need only to be seen to be appreciated.

Aspasia. Bronze shaded crimson, reverse gold.
Edith. Blush, large, fine shape.
Endymion. Sulphur yellow, broad, flat petals.
Ione. Large flowers of an entirely new shade of violet carmine, broad petals, very regular in form and one of the most distinct.
Juliet. Silvery rose, large, distinct and pretty.
Lachnwara. Salmon bronze and crimson, reverse golden yellow.
May Fair. Brilliant red with golden disc; a bold and effective flower.
Nydia. Pure white, yellow disc, large, heavy petals; a desirable sort for cutting.
Psyche. Bright magenta, centre yellow, petals slightly fringed.
Virginia. Long, narrow tubular petals, pure white, of large size and pretty form.
Vivian. Bright golden yellow, fringed petals.
Zenobia. Crimson shaded orange and salmon.

20 cts. each; set of 12 $2.00.

ANEMONE FLOWERED.

Bessie Pitcher. Deep rose pink with lighter centre; a grand variety.
Geo. Sand. Red with golden centre; fine and free.
Queen Margaret. Rose blue; very pretty and showy.
Timbal d’Argent. Snowy white; one of the most beautiful of all Chrysanthemums.
Thorpe Junior. A most beautiful variety; the color is a rich pure golden yellow; the flowers are of large size, smooth and perfect in shape.

10 cts. each; set of 6 $1.00.

COLEUS.

This plant is too well known to require description. Whether grown as individual plants or for massing in ribbon gardening, they are in every way very desirable. The list embraces the best old sorts and novelties, and has been carefully selected from a large collection.

Bizarre. Purplish crimson centre, edged yellow.
Exquisite. Violet carmine, green margin.
Firebrand. A fine bedder, dark crimson, shaded garnet.
Golden Bedder. Fine yellow foliage; good bedder.
Kirkpatrick. Large white centre, broad green margin.
Mrs. Bemun. Large cream-colored leaves, with narrow edge of green.
Queen Victoria. Crimson, the brightest golden edge.
Rainbow. Bright blood-red crimson, yellow margin.
Red Cloud. Crimson and blackish brown.
Shylock. Large dark maroon leaves, with rich crimson midrib and veins; very distinct.
Verschaffelti. Rich velvet crimson; a well-known variety.

10 cts. each; $1.00 per doz.; 8.00 per 100.

COBEA SCANDENS.

A beautiful climber of rapid growth, bearing large purple bell-shaped flowers. For covering arbors, trellises, etc., it is indispensable, as its dark green foliage and pretty flowers make it very attractive.

15 to 25 cts. each; $1.50 to $2.50 per doz.

DAHLIAS.

NEW DOUBLE FANCY.

For exhibition purposes the varieties entered in this list are admirably adapted. They should be liberally supplied with water and manure, and kept in a growing condition.

George Rawlings. Very dark maroon, neatly cupped and symmetrical.
Henry Weir. One of the very finest, having large rich yellow flowers.
Henry Eckford. Light buff, striped scarlet.
John Watt. Very deep scarlet; of good form.
Lotty Eckford. White, beautifully striped purple.
Mrs. Gladstone. Very delicate shade of pink; a model flower.

Ruby Gem. Crimson, with small yellow tip; early.

35 cts. each; set of 8 $2.50.

NEW POMPONE DAHLIAS.

The Pompone varieties are possessed of a neat bushy habit, and produce in profusion small flowers of varied and attractive colors. They are very desirable for cutting and for decorative purposes.

Darkness. Very dark, rich maroon.
Eli Millard. White, shaded pink, edges fimbriated and of perfect form.
E. F. Jungker. Amber shaded lemon, of compact form.
Eveline. Deep velvet maroon, crimson edge.
Isabel. Beautiful well-formed flowers of a dazzling orange scarlet.
Jessie McMillan. Yellow, suffused bright orange.

35 cts. each; set of 6 $1.75.
CACTUS DAHLIAS.

A very showy and effective section of this desirable garden flower. The blooms are of peculiar shape, resembling in some varieties the Cactus "Cereus Speciosissimus." Hence the name, "Cactus Dahlia." They grow from 3 to 4 feet high, are very branching, and bear profusely their very striking flowers, which are quite unlike those of an ordinary double Dahlia, the florets being flat and not cupped.

Mrs. Tait. A peculiar and pretty Dahlia, somewhat resembling Juarez, and is a fine improvement on Constance or Ariel in its whiteness and serrated form and appearance, and must become a general favorite for cut flowers. It does not require rich soil and preparation, but will grow almost anywhere. 50 cts. 25 cts. each except where noted; set of 12 $3.50.

Empress of India (New). An intense deep crimson, shaded maroon and magenta; the flowers are of medium size and borne in profusion. 50 cts.

Fire King (Glove of the Garden). Fiery crimson scarlet, flowers of medium size and produced in profusion, giving the plant a rich and dazzling appearance.

Formosissima Picta. Orange color with bright scarlet stripes; a distinct and taking flower.

Guinea. Amber tinted rose; a very pretty flower.

Henry Patrick (New). Good form, flowers well developed, petals partially recurved and twisted; fine pure white. 50 cts.

Juarezi. A grand and distinct variety, valuable for all purposes through late summer and autumn. Large flowers of rich crimson scarlet color.

Lyndhurst. Rich deep scarlet shaded maroon, excellent for cutting and a fitting companion for Constance.

Mrs. Hawkins. Of close neat habit, rich sulphur yellow, shading lighter towards the tips and slightly tinted red; a lovely flower. 50 cts.

Wm. Pearce (New). A remarkably free blooming Dahlia, of branching habit and growing to a height of 31 feet. The flowers are a deep rich yellow and attractive in form. 200 flowers have been counted on a single plant. 50 cts.
GUIDING STAR.

WHITE BOUQUET DAHLIA.

Guiding Star.

A grand variety, producing its pure white flowers, which are of exquisite shape, in the greatest profusion. The habit of the plant is all that could be desired, being dwarf and symmetrical. Invaluable as a cut flower, and cannot be too highly recommended. 35 cts.; 3 for $1.00.

LARGE FLOWERING.

This list of Large Flowering Dahlias is a selection of the best 25, from a collection of over 200 varieties.

Amazon. Primrose, full centre.
Amorett. Light rose, edged with lilac.
Apollon. Orange scarlet.
Autumn Glow. Orange salmon, buff edge.
Comte de Boises. Fawn shading to orange.
Crimson King. Rich glowing crimson.
Debiance. Pale yellow, tipped with white.
Fascination. Deep rosy lilac.
Fanny Purchase. Fine, pure yellow.
Flora. Deep purple, shaded lilac.
Gloire de Guiscard. White, shaded buff.
Hector. Large orange scarlet.
John Kirby. Buff.
Lean. Orange yellow.
Mantes de la Ville. Rose lilac.
Mrs. Thompson. Yellow, striped with purple.
Ootata. Pure white.
Ovid. Bright purple, fine form.
Penelope. Buff, striped purple.
President. White, lightly tipped purple.
Rival. Dark purple.
Rover. Deep scarlet, shaded maroon.
Vesta. Pure white.
Wacht am Rhein. Maroon.
Ground roots 25 cts. each; $2.50 per doz.; set of 25 for $5.00.
Young plants 15 cts. each; $1.50 per doz.; set of 25 for $3.00.

POMPONE, LILIPUTIAN or BOUQUET.

The term "Liliputian" applies to the flowers, not the plants. They are distinguished by a profusion of elegant miniature blossoms, remarkable for symmetry of form and beauty of color.

Alba Nana. Pure white, of perfect form.
Butterfly. Orange, tipped with scarlet.
Colibri. Rich bright scarlet; handsome.
Deutscher Goldmeteor. Golden yellow, broad crimson margin.
Deutscher Turnermus. Crimson scarlet, edged with white.
Deutsche Maedchenliebe. Lilac.
Dr. Webb. Rich scarlet; medium size.
Gem of the Liliputs. Dark scarlet.
Ida Fisher. Pure white, full centre.
J. C. A. Stanza. Orange yellow.
Kline Domitea. Buff yellow, marked with red.
Kleiner Preusse. White, edged with maroon.
Kleiner Rufus. Maroon.
Little Arthur. Amaranth, tipped scarlet.
Little Najade. Rose, edged crimson.
Lunline. Canary yellow.
Pearl D'Oro. Lake red, tipped with yellow; extra.
Panorama. Apricot yellow, pointed with carmine.
Pursuit. Very deep maroon; fine shape.
Tijo Wylie. Cochineal red, close petals.
Unermuedich. Lively rose, spotted purple.
Venus. Crimson, shaded with purple.
William Buchner. Lilac, tipped yellow.
Ground roots 25 cts. each; $2.50 per doz.; set of 25 $5.00.
Young plants 15 cts. each; $1.50 per doz.; set of 25 $3.00.

NEW SINGLE DAHLIAS.

A class of Dahlias which is rapidly growing in favor on account of its freedom of bloom and various and attractive coloring. The varieties we offer have been carefully selected from a large collection. The fancy sorts frequently come self-colored early in the season, but show their true colors later on.

Ama. Deep velvety maroon, running to a lighter shade. Very free blooming; of good habit and a fine sort in every way.
Empress. Pure white embellished with a yellow ray around the centre.
John Downie. Intense crimson, beautifully and evenly reflected; a lovely flower.
Mrs. Cominick. Pure white, shaded pale mauve, petals reflected, perfectly circular.
Mr. Kennett. Bright golden yellow, effectively striped crimson, a showy and fine flower.
Scotch Lassie. Buff, striped rose. Flower large and distinct.

35 cts. each; set of 6 $1.75.
FUCHSIAS.

This graceful plant delights in a cool, shady position, and requires a rich sandy loam, or equal parts of loam, sand and manure, thoroughly decomposed. It is not adapted to sunny or exposed situations, as its resting season is during late summer.

**TEN BEST SINGLE.**

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arabella</td>
<td>White tube and sepals, rose corolla; early.</td>
</tr>
<tr>
<td>Black Prince</td>
<td>Tube and sepals bright waxy carmine, sepals tipped green, large open pale pink corolla.</td>
</tr>
<tr>
<td>Covent Garden</td>
<td>White tube and sepals, crimson corolla.</td>
</tr>
<tr>
<td>Duke of Albany</td>
<td>Light purple corolla, tube and sepals bright scarlet; reflexed.</td>
</tr>
<tr>
<td>Eleganz</td>
<td>Dark corolla, crimson tube and sepals.</td>
</tr>
<tr>
<td>Emily Ney</td>
<td>White tube and sepals, shaded purple corolla.</td>
</tr>
<tr>
<td>Flocon de Niege</td>
<td>Pure white corolla, crimson tube and sepals.</td>
</tr>
<tr>
<td>Lord Byron</td>
<td>Tube and sepals crimson, almost black, bell-shaped corolla.</td>
</tr>
<tr>
<td>Tulipe</td>
<td>Corolla rich deep plum color, occasionally striped scarlet.</td>
</tr>
<tr>
<td>Wave of Life</td>
<td>Beautiful yellow foliage, rich scarlet tube and sepals, and rich dark corolla.</td>
</tr>
</tbody>
</table>

**TEN BEST DOUBLE.**

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avalanche</td>
<td>Violet corolla, carmine tube and sepals.</td>
</tr>
<tr>
<td>Berliner Kind</td>
<td>Tube and sepals rosy carmine, very double pure white corolla.</td>
</tr>
<tr>
<td>Elm City</td>
<td>Crimson sepals, fine dark corolla.</td>
</tr>
<tr>
<td>Elizabeth Marshall</td>
<td>Carmine tube, large pure white corolla.</td>
</tr>
<tr>
<td>Frau Emma Topfer (Storm King)</td>
<td>Undoubtedly the best double white Fuchsia ever sent out. It is of strong, graceful habit, and bears its pure white double flowers in the greatest profusion.</td>
</tr>
<tr>
<td>Joseph Rosaine</td>
<td>Very large scarlet tube and sepals; corolla violet blue, striped deep scarlet.</td>
</tr>
<tr>
<td>Phenomenal</td>
<td>Larger than Champion of the World; short tube and sepals a rich crimson red; corolla very full and double, of a beautiful azure violet flaked with red.</td>
</tr>
<tr>
<td>President Gunther</td>
<td>Light scarlet tube; corolla violet shaded rose.</td>
</tr>
<tr>
<td>Prince Leopold</td>
<td>Crimson sepals, double purple corolla.</td>
</tr>
<tr>
<td>Tower of London</td>
<td>Scarlet sepals, double purple corolla.</td>
</tr>
</tbody>
</table>

(Small plants of Fuchsias, offered at the same rate, are not catalogued. They are best sent for by the horticulturist, as they are not for the average garden, but can be readily grown from seeds.)
GLADIOLUS.

Our list of this charming flower has again been revised, and includes only the very choicest of the old sorts and the cream of the new. Many more good sorts might be listed; but we have endeavored to offer only those possessing the highest merit as to size of flower and spike, purity of coloring and distinct marking.

Our mixtures will also be found of a high standard of excellence. A succession of bloom may be had from July to September by planting at intervals from April to June. The strongest bulbs should be kept for the latest planting. The cultivation of Gladiolus is very simple, as they will thrive in any good garden soil, but ample rain care and liberal feeding by enhanced size and beauty. The bulbs should be taken up before frost and stored in a dry cellar or cool room, where they will not freeze.

Ida. White ground, tinted rose, flamed carmine, lower petals yellow.
Isaac Buchanan. Pure yellow; a beautiful flower.
La Can- deur. Pure white, faintly striped carmine.
Le Poussin. Light red, large white blotch.
Le Vesuve. Intense fiery red; a rich color.
Leander. A lovely shade of lilac; flamed carmine, white band in centre of each petal.
Mad. Monneret. Delicate rose, striped white, carmine blotch on salmon ground.
Martha Washington. Pure light yellow, lower petals tinged rose, long spikes.

Meyerbeer. Brilliant scarlet, flamed vermilion, amaranth blotch.
Phæbus. Brilliant red, with large pure white blotch.
Princess of Wales. White, flamed carmine rose, dark carmine blotch.
Sappho. Cherry, tinged orange; pure white blotch feathered with red.
Schiller. Sulphur, large carmine blotch.
Shakespeare. White, suffused carmine rose, large rose blotch.
Stella. White, tinged yellow and rose, flamed carmine.
Van Spandonk. Fiery red; a splendid flower.

15 cts. each; $1.50 per dozen; set of 25 $2.50.

Gladiolus in Assortments.

These selections have been made with special reference to color, time of flowering and quality of bloom. They will meet the views of our customers, as no poor sorts are used to cheapen the price. The care that has been bestowed upon the Gladiolus by several firms in Europe and this country has resulted in the production of flowers of large size, charming colors and strong habit. These good points, coupled with the ease with which they may be grown and the prolonged season of blooming, are bringing this class of bulbs yearly into more extended notice.

A. 12 fine sorts named, $1.50; postpaid, $1.70.
B. 12 good " " 1.25; " 1.45.
C. 12 light colors, mixed, $1.00; postpaid, $1.20.
D. 12 all colors, " .75; " .95

Gladiolus in Mixture.

To gain an effect with Gladiolus they should be planted in a liberal manner and well manured. In no other plant is there such diversity of color combined with freedom of bloom and easy cultivation.

We offer very fine sorts mixed at the following low rates: All colors, mixed, 50 cts. per doz.; $3.50 per 100. Light colors, mixed, 75 cts. per doz.; $5.50 per 100.

Add 20 cts. per dozen to price of Gladiolus when ordered to be sent by mail.
GENERAL COLLECTION OF BEDDING PLANTS.

SINGLE GERANIUM—GLORY OF LYONS.

A magnificent flower, of a beautiful shade of scarlet overlaid with rosy salmon. The size of the individual pip is all that can be desired, to which is added the increased value of a truss fully half as large again as in the ordinary varieties. This sort will be in demand where masses of color are desired, or for market purposes where its brilliant color and striking form will make it a marked flower.

25 cts. each; $2.50 per dozen.

TWENTY FIVE BEST SINGLE GERANIUMS.

Aurora. Salmon red, shaded rose on edge of petals.
Belisae. Salmon, veined crimson, shaded carmine; large truss.
Cyclope. Blush white, with rosy red centre.
Dazzler. The richest scarlet, very large white eye.
Frazier. Light rosy pink; immense trusses.
General Grant. Dazzling scarlet; enormous truss.
General Sherman. Crimson scarlet; very large.
Guinea. Bright salmon yellow.
Glow. Crimson, scarlet light eye.
Juliette. Pink, marbled white.
John Salter. Salmon, tipped white.
L'Elysee. Rosy salmon, mottled white.
Lord Gifford. Crimson scarlet, distinct white eye.

15 cts. each; $1.50 per doz.; set of 25 varieties $2.50.

Lady Reed. Pure white, crimson centre.
Marie Mangin. Rosy salmon, shaded red and white.
Master Christine. Bright pink; the best shade.
Princess of Wales. Immense truss of orange salmon.
Rev. Mr. Atkinson. Dark crimson truss of immense size.
R. Masson. One of the finest deep crimson bedders.
Rosy Morn. Rosy pink; a distinct shade.
Sam Sloan. A fine deep crimson variety of the nosegay section, very large trusses; a free bloomer.
Queen's Pet. Velvety scarlet, shaded crimson.
White Clipper. Pure white.

DOUBLE GERANIUM—WHITE SWAN.

A perfectly double pure white variety which has received a first-class certificate from the Royal Horticultural Society of London as being the best of its class. It is remarkably free blooming, and is in season a perfect ball of snow-white flowers. As a pot-plant for house or greenhouse decoration it will fill a long felt want, as many of the white sorts become semi-double, or run into rose or blush shades during the spring and winter months.

25 cts. each; $2.50 per dozen.
TWENTY FIVE BEST DOUBLE GERANIUMS.

Bishop Wood. Scarlet and carmine.
Crimson Velvet. Rich deep crimson.
Conrad Kirchner. Brilliant scarlet, white center.
Deputy Lafayette. Dark vermilion purple; very rich.
Electric. Lightest shade of vermilion, tinged with light 
rose; trusses and flowers very large and bold.
Ed. About. Salmon faded with white.
Emerson. Pink and salmon shaded flesh color.
Gambetta. Dark red.
Geo. Thorpe. Of the most intense crimson, very free; 
an elegant bedding variety.
Golden Dawn. Rich orange, salmon shaded; the near-
est approach to yellow yet sent out.
James Y. Markland. Bright peach, rose center, 
broadly margined with white.
James Vick. Deep flesh with dark bronze shadings.
John Heron. Rich plum color.
La Pilote. Brilliant crimson scarlet, full and free.
La Titeau. Lovely salmon, edged white.
Md. Amelie Buitet. White, shading to blush; a fine 
flower.
Md. Grandgeorge. Carmine cherry; large truss.
Remarkable. Very rich deep magenta, a distinct free-
flowering sort.
Richard Brett. Large trusses of a peculiar orange 
color; very double.
S. A. Nutt. The best rich dark crimson variety; the 
flowers are of perfect shape and large size; the trusses 
massive and produced in great number; close, com-
 pact habit.
Thumberg. Carmine, occasionally spotted white.

15 cts. each; $1.50 per dozen; set of 25 $2.50.

DOUBLE IVY LEAVED GERANIUMS.

This class of Geraniums is especially adapted for pot 
culture or training on trellises, or as trailing plants in 
hanging baskets.

Anna Pitzer. Salmon rose, shaded pink.
De Brazza. Large circular flower, very double; deep 
rose color.
Eurystele. Rose mauve, shaded red.
Jeanne D’Arc. One of the finest varieties in size of 
flower, perfectly double; pure white, suffused light 
lavender.
M. Pasteur. Rich magenta.
Vice President Joly. Soft pink, slightly suffused 
blush, double, and very pretty.

15 cts. each; $1.50 per dozen.

VARIEGATED GERANIUMS.

As an ornament for the parlor or conservatory, or for 
bedding purposes, nothing excels this class of beautiful 
plants; the flowers are quite attractive in addition to the 
richness of foliage.

Black Douglas. Golden bronze type. Splendid dark 
zone, on a fine yellow ground; scarlet flowers.
Happy Thought. Large yellow blotch in the centre of 
the leaf, with an outer band of green in the margin; 
flowers rich rose; habit dwarf. A good belder.
Marshall McMahon. Golden bronze type. Fine bold 
leaf; broad zone of chocolate on golden yellow 
ground; one of the best and most effective.

Mrs. Pollock. One of the most beautiful of the golden 
tricolor class; bronze scarlet zone, golden edge, scarlet 
flowers.

Mountain of Snow. Silver edge; vigorous grower.
20 cts. each; $2.00 per doz.; set of 575 cts.

SCENTED GERANIUMS.


15 cts. each; $1.50 per dozen; set of 775 cts.

CHINESE HIBISCUS.

Small shrubs, blooming freely during the summer 
months, and fine for garden decoration. They are equally 
desirable for winter blooming.

Aurantiaca plena. Double salmon.
Cooperi Tricolor. Foliage beautifully variegate with 
dark green, pink and white; flowers crimson.
Grandiflora. Large rose.
Lutea plena. Double yellow.
Miniatus semi-plena. The finest and most brilliant, 
semi-double vermilion scarlet flowers, 4 inches in 
diameter.
Schizopetalus. Flowers drooping, with reflex orange-
red laciniate petals; a curious and valuable variety.
25 cts. each.
Vivicanus. Remarkably large flowers, 4 inches in di-
ameter, full, double; brilliant crimson scarlet; very 
showy.
Zebrinus. Petals scarlet-edged and striped with creamy 
yellow and white.

25 cts. each; $2.50 per doz.
HYDRANGEAS—Continued.

Panicle Grandiflora. See Shrubs.
Rhamnus Pictus. A grand variety, producing immense heads of deep rose-colored flowers.
Rosan. Similar in habit and growth to the popular Thomas Hogg, except in color, which is a bright rosy red.
Thomas Hogg. Large pure white flowers which, on well-grown plants, measure more than 12 inches in diameter. Is quite as hard as the other garden sorts. 25 to 50 cts. each, according to size; set of 7 $1.50 to $3.00.

HELIOTROPE.

Chietain. Lilac, large trusses.
Grandiflorum. Pale lilac.
Mad. de Blonay. Large truss, nearly pure white.
Mrs. D. Woods. Deep violet-purple; very free, and desirable sort; trusses large; the flowers are slightly double.
Queen of the Violets. Of the deepest violet purple, with large, almost pure white eye, and very fragrant. The plant is of vigorous habit and very floriferous. 15 cts. each; $1.50 per dozen; set of 50 cts.

HYDRANGEAS.

Hortensia. An old favorite, producing large heads of pink flowers in great profusion; the color may be changed to a beautiful blue, by mixing the iron scales from a blacksmith's shop among the soil. Hardy with protection.
Hortensia variegata. An exceedingly ornamental plant; the leaves are deep green, margined with pure white; fine for shady positions.
Imperatae Eugenie. Rose, shaded with white and blue.
Otaksa. A Japanese variety lately introduced, having beautiful glossy foliage, and large heads of pink flowers.

Impatiens Lucy.

IMPATIENS.

One of the most distinct and beautiful plants either for winter flowering or summer bedding. Of compact, neat habit, and a perpetual bloomer; the flowers are 1½ inches in diameter, and produced so freely that a well-grown specimen appears to be quite a ball of flowers.

Hawkeri. Large, flat flowers of a rich deep carmine. The handsome flowers of this superb new variety are produced profusely throughout the season. The plant is of good habit, and is sure to attract attention. 50 cts. each; $4.00 per dozen.
Lucy. A lovely shade of rosy lilac, tinted mauve. This we consider decidedly superior to Sultani, as it stands the summer heat and is a complete mass of flowers from early summer till late autumn. Excellent for edging or massing. 25 cts. each; $2.50 per dozen.
Marianne. A dwarf variety of semi-creeping habit, with handsomely variegated foliage of a bright green, prettily marked with silvery white; a useful basket plant. 15 cts. each; $1.50 per dozen.
Sultani. Of compact, neat habit, and a perpetual bloomer; the flowers are a peculiar brilliant rosy scarlet color, 1½ inches in diameter, and produced very freely. 15 cts. each; $1.50 per dozen. Set of 4 for 75 cts.
Hollyhocks.

(Althaea Rosea.)

Few hardy plants combine as many good qualities, lend themselves as readily to varied uses, or are as free from disease as the Hollyhock. For planting in rows or groups on the lawn, or for interspersing among shrubbery, they are invaluable. The flowers, which are as elegant in shape as a Camellia, form perfect roseettes, of the most lovely shades of yellow, crimson, rose, pink, orange, white, etc. It is not surprising that this old favorite should again become popular; for, by careful selection, the flowers have been so much improved, that they are marbels of beauty and elegance. The Hollyhock requires a rich, deep soil, well drained, and will repay in quantity and elegance of bloom any extra care. A slight protection during winter will be beneficial. We make a specialty of Hollyhocks, and offer them in the best possible condition for immediate or permanent effect.

Separate Colors. White, Rose, Blush, Pink, Yellow, Crimson, Maroon.

Young plants 35 cts. each; $1.50 per dozen.
Strong. 25 "

Mixed Colors. Young plants 12 cts. each; $1.20 per doz.

IPOMEAS.

Leari. This is a fine large Morning Glory, with deep azure blue flowers, over 6 inches in diameter; a very desirable handsome climber, as a companion for L. Noctiflora. 25 cts. each; 5 for $1.00; 12 for $2.00.

Mexicana, or Palmata. A distinct and pretty Mexican species, bearing fine clusters of large purplish rose-colored flowers; it grows rapidly and succeeds in almost any position; as a plant for covering arbors, verandas, etc., it is invaluable; being tuberous-rooted, it may be wintered like a Dahlia.

Young plants 30 cts. each; 4 for $1.00; 10 for $2.00.

Noctiflora (Evening Glory, or Moon Flower). A rapid growing plant of the "Morning Glory" family, with pure white moon-like flowers, 6 inches in diameter, which open at night; as a rapid climber for covering arbors, verandas, trees or walls it has no superior.

15 cts. each; 4 for 50 cts.; 10 for $1.00.

LANTANA.

One of the best summer flowering plants for our climate; equally fine in dry or wet weather, sun or shade. There are few bedding plants that bloom more continuously or afford a greater variety of color. When grown with a single stem and trained as standards, with fine bushy toys and straight stem, besides being in bloom all summer, they present on the lawn or plaza an effect that is not surpassed by any other plant.

Comtesse Mornny. Blush and rose.
Craig. Rich orange carmine.
Favorite. Yellow merging into crimson.
Imperatrice Eugenie. Blush and white.
Perfection. Green foliage variegated with yellow lilac flowers; very showy and constant.
Pluie d'or. Very clear canary yellow; a novel shade.
Queen Victoria. Fine white.

15 cts. each; $1.50 per doz.; set of 7 75 cts.

LAVINIA WELTONIENSIS.

(Santolina Argentea.)

A beautiful dwarf and compact growing white foliage plant, very desirable for carpet and ribbon bedding; is very effective when used in connection with the bright colored Almantheras.

15 cts. each; $1.50 per doz.; $0.00 per 100.
GENERAL COLLECTION OF BEDDING PLANTS.

LEONOTIS LEONORUS (Lion Tail).

LEONOTIS LEONORUS.
An old plant recently reintroduced, producing long terminal spikes of beautiful orange colored flowers; treated in the same manner as Chrysanthemums, they will flower continually from the early part of September until mid-winter.

25 cts. each; $2.50 per dozen.

MADEIRA, OR MIGNONETTE VINE.
Of rapid growth, suitable for covering arbors, etc. Flowers feathery white, with a fragrance resembling Mignonette. 10 cts. each; 75 cts per dozen.

LINUM FLAVUM.

LINUM FLAVUM.
An old plant which should receive more attention. As an early winter flowering plant it is simply indispensable; its brilliant orange flowers are produced so profusely as to completely cover the plant, making it look like a golden ball. Its easy cultivation and usefulness as a house plant should bring it again into notice.

15 to 25 cts. each; $1.50 to $2.50 per dozen.

MONTBRETIA POTTSI.
A beautiful bulbous plant resembling somewhat a miniature Gladiolus. Each bulb throws up several flower spikes from 6 to 10 inches long, with numerous small side spikes, making it exceedingly floriferous. Flowers of a bright orange red, of perfect and graceful form. One of the most desirable of all bulbs.

15 cts. each; $1.50 per doz.

MUSA ENSETE.
The noblest of all plants is the great Abyssinian Banana. The fruit of this variety is not edible, but the leaves are magnificent, long, broad and massive, of a beautiful green, with a broad crimson midrib; the plant grows luxuriantly from 8 to 12 feet high. During the hot summer, when planted out, it grows rapidly, and attains gigantic proportions, producing a tropical effect on the lawn, terrace, or flower garden. It can be stored in a light cellar or cool greenhouse during the winter, with a covering of soil, or planted in a tub, watered sparingly.

Plants 8 in., 50 cts.; 1 ft., $1.00; 2 to 3 ft., $2.50; 5 ft., $5.00 each.
OLEANDER.
(Nerium.)
Beautiful flowering plants of easy cultivation; they can
be safely wintered in a light cellar that can be kept free
from frost. The double varieties do not show their char-
acter until the plants become strong.
Album plenum. An introduction from the West Indies.
Long, slender foliage; fine double white flowers.
10 cts. each; 12 for $1.00; 30 for $2.00.

MILLA BIFLORA.
(Mexican "Star of Bethlehem").
One of the loveliest and most desirable bulbs. The
flowers are nearly 2½ inches in diameter, of a pure waxy
white color, and usually borne in pairs; the petals are
thick and leathery, of great substance, and will keep for
days when cut and placed in water.

Miss Till. Rosy salmon, white throat and margin,
upper petals feathered crimson.
Prince of Wales. Bright vermilion, with light centre
and edge to the petals, the larger ones being marked
with light crimson, and deeply blotched.
Smith’s Seedling. A very attractive variety, with deep
red flowers; heavily spotted.
Triumph de St. Mand. Magenta suffused with crim-
son, having dark blotches on the top petals.

Pelargoniums.
The Pelargoniums we offer have
been selected from one of the finest
English collections, which em-
braces none but the very best and
most distinct varieties. We can
furnish, if desired, many other fine
sorts suitable for market purposes,
but consider the following the cream
of the collection:

Digby Grand. Blush white,
with crimson veins and blotch
on upper petals; fringed petals.
Duchess of Bedford. One of
the most charming varieties; its
blossoms are of the purest white,
prettyly fringed, with feathered
spot of delicate rose on upper
petals.
Dr. Masters. Large black cen-
tre, with narrow margin of rich
crimson.
Evening Star. Deep crimson,
small blotch and white throat.
Ed. Perkins. Richest fiery
crimson, with deep maroon
blotches on the upper petals;
one of the very handsomest.
Jessie. Upper petals dark ma-
roon edged with crimson, lower
petals rose pink spotted dark
crimson.
Lady Blanche. White, very
free habit; early.
Lady Isabel. Soft rosy lilac,
deep maroon blotch in upper
petals, light centre; flowers large
and freely produced.
Mercury. Rose crimson, light
centre, purple blotch; early.
Mad. Thibault. White, richly
blotted and marbled with rose,
the upper petals crimson ma-
roon; large fine trusses.
Marie Mallet. Rich light crim-
son, maroon blotch in the upper
petals, shaded with scarlet.

Mrs. Bradshaw. Bright carmine spot, light rose mar-
gin, fringed petals.
Mr. John Hayes. Soft rosy pink, tinted salmon, deep
blotch of purple on the upper petals, light centre;
flowers large.
Mabel. Flowers bright rose, upper petals blotted
with blackish maroon; lower petals spotted crimson
lake.

Pfordti. Beautiful blue flowers.
Racemosa. Purple.
Van Vollen (Passion Flower.)

PASSIFLORA.
(Very handsome climbing plants, growing rapidly and
blooming freely in open air. The following require green-
house culture in winter:
Pfordti. Beautiful blue flowers.
Pfordti. Beautiful blue flowers.
Racemosa. Purple.
Van Vollen (Passion Flower.)
Crimson.
25 cts. each.
DOUBLE PETUNIAS.

For many years we have made a specialty of Double Petunias, growing from three to five thousand seedlings annually, from which we select the best for propagation. We have discarded the plain edged sorts, as the fringed and laced varieties listed below are very much better.

Atlantic. Rich rosy purple, edged white.
Argus. Rosy purple, splashed with white.
Cherub. White, splashed with carmine and crimson.
Cleopatra. Intense rosso crimson and white.
Efrida. Rosy carmine and white.
Estella. Mottled crimson, purple and white.
Exquisite. Delicate rose, edged with white.
Galatea. Fine, deep purplish crimson, edged white.
Genesta. White, mottled crimson; extra.
Irene. Mottled purple, white and crimson.
Lucinda. Purplish carmine, mottled white.
Mayflower. White, mottled rosso crimson.
Meteor. Deep rich purple; a fine flower.
Mrs. Lucy Longstreet. Deep purplish carmine, edged with white; most beautifully fringed.
Norma. Rosy crimson, finely fringed.
Oracle. Rosy carmine, edged with white.
Parsifal. White, crimson and carmine.
Silver Queen. Beautiful clear white, suffused silvery pink.
Snowdrift. Improved. Pure white.
Thistie. Crimson, flaked white.
Volunteer. White, with large rosso crimson blotches.

The varieties offered have been selected from many hundreds of finest seedlings, varying through all the shades of crimson, rose and purple, to the purest white, striped, mottled, self-colored, and fringed. A solid bed of single Petunias makes a very effective show of flowers during the entire season, and one that suffers but little on account of drought or too much rain.

Marvellous. White, striped with rich carmine, elegantly fringed.
Matchless. White, beautifully flushed with delicate rose, splashed and mottled with crimson; finely fringed.
Princess. Rosy purple, light veined throat.
Progress. Rosy carmine, splashed and marbled with white; finely fringed.
Starter. Rich crimson, edged pure white, throat veined purple.

White Perfection. Pure white, deeply fringed; a handsome and desirable variety.

PYRETHRUM AUREUM.

(Golden Feather.)

Used largely for massing or ribbon edging. The leaves are golden yellow, delicately cut; the color is retained all summer in the brightest sun. The flower shoots should be taken off when they appear to preserve the shape of the plant. 10 cts. each; $1.00 per doz.; $6.00 per 100.

OTHONNA CRASSIFOLIA.

A desirable basket plant, bearing bright yellow flowers, which are produced in great profusion.

15 cts. each; $1.50 per doz.
TIGRIDIA.
(Shell Flower.)
Curious and beautiful shell-like flowers about 4 inches in diameter, flowering from July to October. The bulbs can be planted about the middle of May, and taken up in October and kept over winter in dry sand.

Conchilfiora. Orange, with crimson spots.

Pavonia. Red, with crimson spots.

Pavonia grandiflora albida. Large ivory-white flowers, spotted with maroon and rose lake in centre.

10 cts. each; 75 cts. per dozen; set of 3 25 cts.

TORENIA.
Asiatica. An exquisite plant, bearing a profusion of porcelain blue flowers, tipped with rich violet purple; it succeeds out of doors in the summer season.

Bailioni. Trailing habit, producing bright golden yellow flowers with a deep brownish red throat. It thrives in the open border, greenhouse or window.

Fouruireri. This variety produces large sky-blue flowers, with dark blue spots and a bright yellow centre. Exposed to the full sun, it forms a compact bushy plant about 1 foot high, which commences to flower in June and continues incessantly until frost.

15 cts. each; $1.50 per dozen.

TUBEROSES.
Double Italian. One of the most delightfully fragrant and beautiful of the summer flowering bulbs, throwing up tall spikes of double white flowers 3 feet high, which remain in bloom a long period. By skilful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March, in the greenhouse or hot-bed; and for a succession they can be planted at intervals as late as August. For flowering in the open border plant about the 1st of May.

Postpaid 10 cts. each; $1.00 per dozen.
Express 8 " " 75 cts. " " $5.00 per 100.

Started in pots for early flowering, $2.00 per dozen.

Pearl. The value of this sort over the Double Italian consists in its flowers being of larger size, very double and imbricated; of dwarf habit, growing only from 15 inches to 2 feet in height; its short growth making it desirable as a pot plant or for winter forcing.

Postpaid 10 cts. each; $1.00 per dozen.
Express 8 " " 75 cts. " " $5.00 per 100.

Started in pots, $2.00 per dozen.

Variegated Leave. Leaves striped with light yellow, very showy when planted in masses; flowers single.

20 cts. each; $2.00 per dozen.

VERBENAS.
With perhaps the exception of the Geranium the Verbena is the most popular and useful bedding plant. Verbena delights in a sunny situation, a rich soil, and thorough cultivation. The varieties offered comprise the best colors, and include the best of the Mammoth strain sent out last season, and are a marked improvement on the older sorts.

Bijou. Rich dazzling scarlet, small white eye.

Beauty of Oxford. Dark pink, large and fine.

Blue Peter. Fine blue.

Mrs. Woodruff. Dazzling scarlet.

Nabob. Very large, rosy pink.

Oracle. White, striped and splashed with crimson and scarlet.

Purple King. Rich purple, white eye.

Raccoon. Deep maroon, white eye.

Remarkable. White, mottled, splashed and striped with purple.

10 cts. each; $1.01 per dozen; $6.00 per 100.
**SALVIA (SAGE).**

These rich and abundant flowering plants are indispensable in the autumnal garden; either in masses or scattered among shrubbery they display their beauty to advantage.

*S. officinalis.* Pure white.

*Spicataehe.* Scarlet Sage.

*Convolvulus.* Flowers and calyx pure white, beautifully mottled and spotted with scarlet; dwarf habit, free blooming. 10 cts. each; $1.00 per dozen; $8.00 per 100.

**VINCAS.**

This old and popular plant should be in every garden. Of compact, bushy growth, blooming from June till frost. A desirable plant for massing or pot culture.

*Alba.* Pure white.

*Alba oculta.* White, crimson eye.

*Rosea.* Rose dark eye. 15 cts. each; $1.50 per dozen; $8.00 per 100.

**VINCA MAJOR VARIEGATA.**

One of the very best vases plants. Leaves glossy green, broadly margined creamy white. Blue flowers. 15 cts. each; $1.50 per dozen.

**VIOLETS.**

One of the leading florists' flowers for bouquets. All the varieties should have a slight protection of leaves during the winter. A better plan to insure early spring flowering is to plant in cold frames in the fall. They thrive best during the summer in a shady situation, in a rich, deep soil.

*Marie Louise.* Deep violet blue; very fragrant and free flowering. It should be grown by all, on account of its easy forcing qualities.

*Mons. Millet.* Of a beautiful violet rose color, of large size; very fragrant and a free bloomer. So far this new sort has been free from the disease which has ruined so many violets. 25 cts. each.

**MISCELLANEOUS BEDDING PLANTS.**

The limited space of this Catalogue prevents us from giving a full description of many of the following popular and well-known plants. The list embraces some of the oldest and best known varieties, which should not be overlooked.

*Asclepias linifolia alba.* 15 cts. each.

*Centauraea candeisissima.* A valuable plant for ribbon bedding in contrast with Coleus. 15 cts. each; $1.50 per dozen.

*Centauraea gymnocarpa.* Of the same general appearance of the above, but with more graceful and divided leaves. 15 cts. each; $1.50 per dozen.

*Century Plant.* Agave Americana. Dark green leaves. 25 to $2.00 each.

*Century Plant.* Agave Americana Variegata. 25 cts. to $2.00 each.

*Centrum aurantiacum.* Orange color, blooms in autumn. 25 cts. each.

*Centrum Parqui.* Night-blooming Jasmine. 20 cts. each.

*Cheonostemma hispida.* A dwarf free flowering plant bearing small pure white flowers. Pretty for baskets, 15 cts. each.

*Echeveria secunda glabra.* One of the most desirable plants for carpet bedding. 15 cts. each; $1.50 per dozen; $8.00 per 100.

*Europaunum riparium.* Pure white, winter flowering. 25 cts. each.

*Gazania spicuncus.* Bright orange flowers. 15 cts. each; $1.50 per dozen.

*Genista fragans.* Spikes of bright yellow flowers, produced in March and April; very fragrant. 25 cts. each.

*Hydrocotyle lirida.* Curiously curled foliage. 15 cts. each.

*Lagerstroemia indica* (Crape Myrtle). Pink flowers. 25 to 50 cts. each.

*Lagerstroemia indica alba* (Crape Myrtle). A pure white variety. 50 cts. each.

*Lemon Verbena* (Abelia citroidea). Fragrant foliage. 15 cts. each; $1.50 per dozen.

*Lobelia speciosa compacta.* Fine deep blue. 15 cts. each; $1.50 per dozen.

*Lobelia alba maxima.* Pure snowy white flowers. 15 cts. each; $1.50 per dozen.

*Lophospernum sceauens.* Foxglove-like rose purplish flowers. Of climbing habit. 15 cts. each.

*Mahernia odorata* (Honeysuckle). A winter bloomer, producing small yellow bell flowers; fragrant; free. 25 cts. each; $2.50 per dozen.

*Maevetta cordifolia.* A climbing plant, with scarlet tubular flowers, 2 inches long; complete mass of bloom from July to October. 25 cts. each; $2.50 per dozen.

*Maurandia Buelavaya, Rosa and Alba.* Well-known climbers. 15 cts. each; $1.50 per dozen.

*Mikania violacea.* Deeply cut foliage, veined violet. A useful trailing plant for baskets and vases. 15 cts. each.

*Myrtus communis.* The favorite sweet-scented Myrtle; blooms in early spring. 30 cts. each.

*Oxalis floribunda alba.* An ever-blooming variety, used for pots and baskets; white flowering. 25 cts. each; $1.00 per dozen.

*Oxalis floribunda rosea.* Similar to the preceding one, with rose-colored flowers. 10 cts. each; $1.00 per dozen.

*Peristephe angustifolia var.* Pretty marked green and yellow foliage; a desirable plant for edging or baskets. 15 cts. each; $1.50 per dozen.

*Plumbago alba.* Pure white. 25 cts. each.

*Punica alba plena* (Pomegranate). Creamy white, very double. 25 cts. each.

*Seneio scandeus* (German or Parlor Ivy). Light green foliage; a rapid growing vine. 15 cts. each; $1.50 per dozen.

*Stevia nana compacta.* 15 cts. each; $1.50 per dozen.

*Trandescatia color."* Leaves edged with white; an effective plant for inside row of ribbon beds. 10 cts. each; $1.00 per dozen; $8.00 per 100.

*Sweet Alyssum, double white.*

"""*variegated.*

"""*Beutliami compacta.* Dwarf habit. Pure white and free flowering. 10 cts. each; $1.00 per dozen.

*Thunbergia.* Very desirable for vases plants, blooming incessantly; white, buff, and orange flowers, with black eyes. 15 cts. each; $1.50 per dozen.

*Trandescatia color.* 15 cts. each.

"""*vittata.* 15 cts. each.

"""*zebrina.* 15 cts. each.
House and Greenhouse Plants.

**Asparagus Plumosus Nanus.**
The stems of this extremely elegant plant are tufted, slender and gracefully arching. From the upper portions the branches, which are finer than the fronds of the most delicate Fern, spread in all directions. The whole plant is of a bright cheerful green. It is one of the most distinct and effective decorative plants for the stove or warm conservatory. $2.00 each.

**Asparagus Plumosus Tenuissimus.**
A beautiful species of climbing habit. Remarkable for the extreme delicacy of its foliage; the leaves are longer and of a lighter tint than those of A. Plumosus Nanus. As a decorative plant for the stove or warm conservatory it is very striking, and for contrast with the foliage of other plants it is one of the most effective. Like A. Plumosus Nanus, the sprays retain their beauty a long time when cut. 25 to 50 cts. each; $2.50 per doz.

**Achimenes.**

**Achimenes.**
Tropical plants for summer blooming; the scaly tubers must be preserved entirely dry during winter. In early spring, pot in peat, sand, and a little light soil. They delight in heat, moisture and shade while growing, but in a cooler temperature when in bloom. Do not water the foliage. Excellent for baskets. 6 choice varieties named. 20 cts. each; $2.00 per doz.

**Anthericum.**

**Amaryllis Hybrids.**
Beautiful flowering bulbs, which should find a place in every garden. They force readily, and by proper care can be had in bloom during the whole year.

**Amaryllis Indica.**
(Chinese Azalea.)
Beautiful plants for window or conservatory decoration. The ease with which they can be grown and their diversity of color will always keep them in public favor. They force readily, are perfectly hardy south of Washington, and if protected by cold frames can be safely kept over winter even in the North. The collection we offer comprises the cream of the best continental establishments.

We can supply plants at 25 cts., 50 cts., 75 cts., $1.00 and $1.50 each; $2.00, $5.00, $9.00 and $15.00 per dozen.

**Anthericum Vittatum Variegatum.**
Desirable for centres of baskets, vases, etc. Long, narrow foliage, striped white. 25 cts. each.

**Amaryllis Hybrids.**

**Amaryllis Hybrids.**
Beautiful flowering bulbs, which should find a place in every garden. They force readily, and by proper care can be had in bloom during the whole year.

**Amaryllis Belladonna Major.**
Bright rose pink. 20 cts. each.

**Amaryllis Formosissima** (Jacobean Lily). Crimson, blooming early in the summer. The flowers have a most graceful appearance. 20 cts.; $2.00 per doz.

**Hybrids of Vittata.**
White ground, striped with red. $1.00 each.

**Hybrids of Vittata.**
Red ground, striped with white. $1.00 each.

**Johnsoni.**
Very large flower of a rich crimson scarlet color, striped with white. 75 cts.; $7.50 per doz.
AMARYLLIS—Continued.

**Longiflora Alba.** Large fragrant white flowers. 40 cts. each.

**Longiflora Rosca.** Rose colored flowers. 40 cts. each.

**Prince of Orange.** Bright orange, large and fine. $1.50 each.

**Regina.** Large orange scarlet flowers, with yellow throat. 75 cts. each; $7.50 per doz.

**Vallota Purpurea.** Rich dark crimson scarlet. 30 cts. each.

**Vittata.** White, striped dark rose; extra. $1.00 each. Set of 12 sorts, one of each, for $8.00.

**ALLAMANDA HENDERSONI.**

A useful climber, for training over trellises or posts in the warm conservatory, producing in clusters tubular-shaped flowers two and one-half inches across of a bright golden yellow color. 50 cts. each.

**ALOCASIA MACROHIZA VARIEGATA.**

Foliage nearly as large as Caladium Eeselentum, broadly splashed with white. Its easy growth, combined with rich variegation, makes this one of the most valuable exhibition plants. 50 cts. to $1.50 each.

**BEGONIA REX.**

**(Ornamental Leaved.)**

We offer ten of the most distinct and handsomely marked varieties of this beautiful class of Begonias. These are grown for their variegated foliage, and are very desirable for house and garden decorations, in shady positions, and especially well adapted for baskets, vases, etc. 25 cts. each; $2.50 per doz.

**CALLA ETHIOPICA.**

**(Lily of the Nile.)**

An old, favorite plant, which should be found in every collection; it grows freely and requires an abundance of water, and produces large pure white blossoms during the winter and spring; the resting period during June and July can be given by turning the pots on their sides, without watering, in a shady place. 25 to 50 cts. each; $2.50 to $5.00 per dozen.

**CAMELLIA JAPONICA.**

The varieties we offer of this desirable plant are the best of their respective color, and consist of white, pink, mottled, rose, etc. We can supply twelve distinct sorts. Special prices for specimen plants on application. 75 cts. and $1.00 each; $5.00 and $10.00 per dozen.

**CISSUS DISCOLOR.**

A beautiful climber for hanging-baskets, with mottled and marbled crimson and green foliage. 50 cts. each.

**CLERODENDRON BALFOURI.**

A hot-house climber, bright scarlet and white flowers, curious shape; admirable house plants. 25 cts. each.

**CYCLAMEN PERSICUM GIGANTEUM.**

A charming greenhouse bulb, which succeeds admirably in the house. 30 to 50 cts. each.

**DRACENA GOLDEANA.**

**DRACENA.**

**(Dragon Tree.)**

One of the most desirable of our ornamental foliage plants for decoration, either in or out-doors, as it does not appear to suffer under the dry atmosphere of rooms; in a partially shaded situation it stands remarkably well during the summer out of doors. Its bright foliage renders it very useful for the window garden, planted as a centre piece in a rustic stand, jardiniere, or window box, or for summer decoration in vases, ornamental beds, etc. It thrives best in a light rich soil, composed of leaf-mould, sand, loam and thoroughly decomposed manure.

**Amabilis.** Green, white and pale violet; strong. 50 cts. to $1.00 each.

**Baptisti.** Green, creamy white flowers flushed with rose. 50 cts. to $1.00 each.

**Goldiana.** Irregularly banded with dark green and silver gray in alternate straight bands. $3.00 each.

**Hybrida.** Deep green, margined with bright rose, suffused with deep rose and creamy white. $1.00 each.

**Terminata.** Rich crimson foliage marked with pink and white. 30 cts. to $1.00 each.

**Youngi.** Light green changing to copper-colored. $1.00 each.

**DRACENA-CORDYLINE.**

The Cordylines are especially well adapted for centres of vases, baskets, etc., the bright green narrow foliage contrasting well with other foliage and flowering plants.

**Australis.** A very long, narrow, graceful foliage.

**Divisa.** Long foliage; green, graceful.

**Veitchi.** Long foliage, brown streaked. 25 to 50 cts. each.

**EUCARIS.**

**Amazonica.** A splendid hothouse plant, blooming nearly the entire season. It sends up stalks bearing several pure white, star-shaped flowers, 4 inches across, delightfully fragrant. It is very highly prized in bouquets, baskets, etc. 30 cts. to $1.00 each.

**Sanderi.** Flowers larger than Amazonica; very fragrant, and a pure white color. $1.00 each.

**FICUS.**

**Elastica (India Rubber Tree).** One of the best plants for table or parlor decoration; its thick leathery leaves enable it to stand excessive heat and dryness, while its deep glossy green color always presents a cheerful aspect. The plants we offer are in fine order and are of a size to be useful immediately. 75 cts. to $1.50 each.

**Chauveri.** Large foliage, cream rib. $1.00 each.

**Parcelli.** Marbled green and white leaves. 50 cts.

**Repenus.** Creper for green or hot-house. 25 cts.
FANCY LEAVED CALADIUMS.

For many years the Fancy Leaved Caladiums have been a special feature of our establishment. We grow several large houses of these beautiful plants alone. Our collection has been carefully revised and contains only first-class, distinct and well-marked varieties, and is acknowledged to be the finest in the country. Their greatest value is for the decoration of conservatories, greenhouses and window boxes, while nothing can surpass them as exhibition plants for fairs during the summer and fall. Most of the varieties, if planted about the first of June in partly shaded warm borders, in well-enriched light soil, succeed admirably as bedding plants, the various colorings and markings of which cannot be obtained in any other class of plants. We list 23 fine sorts, but from our collection of over 60 sorts we are able to supply other varieties equally distinct and fine. Many of the fine varieties do not show their variegation when young, and often appear exactly the same as older sorts.

**Annibal.** Brilliant crimson veins on a rich green ground, spotted with carmine.

**Argyrites.** Distinct small leaved variety, never exceeding 6 inches in height, bright pea-green leaves, beautifully spotted and marbled with white.

**Beroce.** Deep green spotted, red veins and midrib crimson, light green centre.

**Boldienn.** Bright crimson centre, deep green margin.

**Canerti.** Green spotted white, crimson centre.

**Candida.** Clear white ground, strongly marked ribs and margin.

**Chantini Splendens.** Spotted rose and crimson, brilliant centre.

**Diana.** Rich green, spotted red centre, crimson rayed.

**E. G. Henderson.** Green, spotted with rose, and rayed crimson.

**Isadore Leroy.** Metallic green, crimson rayed centre.

**Jupiter.** Green ground, splashed with white, bright crimson midrib.

**La Perle du Bresil.** White, delicately tinted with rose, midrib and veins dark green; large and transparent; one of the loveliest in cultivation.

Strong well-matured bulbs, 30 cts. each; $3.00 per doz., or set of 23 varieties for $6.00.

**Louis Duplessis.** Red rays and veins, on a white ground, green margin.

**Louis Poirier.** Crimson ground, white spots and green margin; finely marked.

**Mad. Alfred Bien.** Deep green, white blotches, broad veins of crimson scarlet.

**Mad. Fritz Krechlein.** White ground, violet rose ribs, green veins; very handsome.

**Meyerbeer.** White, veins green, midrib red.

**Mons. A. Hardy.** Rich reddish carmine veins, on a white ground, tinted with rose and spotted green; a bold and lovely variety.

**Napoleon III.** Flamed crimson centre on green ground.

**Prince Albert Edward.** Crimson midrib and veins, dotted with ivory white; black leaf stem.

**Reine Victoria.** Dark green, spotted white and crimson.

**Sanchoniatum.** Crimson centre, deep crimson ribs and pea-green margin.

**Sieboldii.** Fiery red centre, spotted with claret red.

**Triomphe de l'Exposition.** Crimson centre, bright red ribs and green border.

**Wightii.** Light green, with crimson and white spots.
**FERNS.**

We make a specialty of Ferns, and can supply the leading kinds in quantity at all seasons. Our collection embraces nearly all of these beautiful class of plants, whose diversity and gracefulness of foliage make them much valued for Wardian cases and ferneries. Where there is moisture and shade the stronger varieties succeed well when planted on rock work out of doors. A light soil mixed with bone-dust, sand and peat will be found the best for Ferns. Good drainage must be provided, as stagnant water is fatal to success.

**Adiantum (Maiden Hair).**
- *Assimilale.*
- *Amabile.*
- *Hyalinum.*
- *Concinnum.*
- *Concinnum Latum.*
- *Cunnatum.*
- *Cunnatum Deflexum.*
- *Caudatum.*
- *Decorum.*
- *Farleyense.*

25 cts. each; $2.50 per dozen except where noted, or the entire collection of 52 varieties, including the 4 new sorts, for $12.50.

**Gymnogramma Peruvianum argyrophylla** (Silver F.)
- *schyzophilla.* 50 cts.
- *sulphurea* (Sulphur Fern).

**Nephelepis Cavalioides varicosa.**
- *lastre Richardsii multifida.*
- *Lomaria gibba.*
- *rietata.*
- *Lygdomium scandens.*
- *Microlepia birta cristata.*

25 cts. each.

**Polypodium aureum.**
- *Cristata.*
- *Pteris argyrea.*
- *cretica.*
- *cretica albo lineata.*
- *nemoralis.*
- *Simalobium cicutarium.*

25 cts. each.

**Davallia Australis.** 25 cts. to $1.00.

**Blechnum Brazilicenae.**
- *Davallia Moorena.*

25 cts. each.

**Dicksonia Antartica.**
- *Davallia radiata.*
- *Actinopelitris radiata.*

25 cts. each.

**Gymnogramma chrysophylla** (Gold Fern).

25 cts. each; $2.00 per dozen except where noted, or the entire collection of 52 varieties, including the 4 new sorts, for $12.50.

**NEW FERNS.**

**Adiantum Cuneatum Grandiceps.** A very beautiful form of A. Cuneatum, having long graceful fronds, with the ends of the fronds developed into bunching tasselled heads; a distinct and lovely variety.

25 cts., 50 cts. and $1.00 each.

**Adiantum Rhodophyllum.** A most distinct and beautiful Maiden-Hair Fern, the fronds are densely crowded, and attain a height of 15 to 18 inches; when first developed the young pinules are crimson, gradually changing to a rosy green, and finally to a soft pale green. 50 cts. each.

**Davallia Fijienensis.** A charmingly elegant evergreen Fern; free in growth, firm and durable in texture, and bright green in color. From the Fiji Islands. The fronds grow 2 to 3 feet long. $1.00 to $1.25 each.

**Nephrodium Emersum Cristatum.** An upright growing variety, with beautifully crested fronds 15 to 18 inches long, and of a bright cheerful green. 50 cts. each.

**Pteris Serrulata Cristata Nana Compacta.** A new and beautiful form of Pteris Serrulata Cristata; spreading habit, large foliage, finely crested. 50 cts. each.
GLOXINIA CRASSIFOLIA GRANDIFLORA.

A charming class of summer blooming bulbs which succeed with ordinary care. They should be grown in a moderately shady place, as the sun burns the foliage when wet, making brown spots appear. If planted in frames, they will thrive admirably and produce their lovely flowers from June to September. After planting the bulbs in a mixture of fibrous peat, light loam, manure and sand in equal parts, they require but little heat or water until they show signs of growth, when the quantity of moisture and heat may be increased. Air should be plentifully supplied to prevent damping off. When the plants have done blooming dry gradually off, and keep in pots over winter in a moderately warm place, or under the staging of a greenhouse.

We have made a specialty of the Gloxinia for many years, and have added all the improved strains as they have appeared, until our collection is unsurpassed either in this country or abroad. The past season we have added a strain of richly marbled and spotted sorts; also a fine strain of large self-colored varieties. The named varieties we offer are specially good, and our mixtures include flowers of lovely form and hue.

Butterfly. Flowers erect, of a lovely shade of porcelain blue, with large pure white throat.
Carmen. Flowers erect, pure white throat, lips rich crimson.
Crimson Queen. Flowers erect, of very large size; throat deep crimson, pure white lips.
Panchon. Flowers pendulous, pure white, with large crimson blotch on lower lip.
Jenny Lind. Flowers erect, rich shade of deep purplish blue.
Purple Gem. Flowers erect, pure white lips, throat deep rich purple.
Sappho. Flowers erect, rich dazzling crimson, flowers large and of good substance.
Sylph. Flowers erect, pure white, with crimson-banded throat.
Triumphant. Flowers erect, of a bright rosy crimson color, throat pure white, minutely spotted with deep crimson.
30 cts. each; $3.00 per dozen; set of 9 $2.25.
Mixed. These comprise all shades of color and erect, horizontal and pendulous flowers; for those who do not care about special color they will be found very desirable, as only fine varieties have been kept, the poor and dull colors having been discarded.
25 cts. each; $2.50 per dozen.

OLEA FRAGRANS.

A favorite greenhouse shrub, delightfully fragrant; the scent is sufficient to perfume a large conservatory. 50 cts. to $1.00 each

JASMINUM.

Gracillimum. Exceedingly floriferous. A flowering shoot is produced from every joint, which terminates in a dense cluster of pure white fragrant flowers; in bloom from Oct. to Feb. 50 cts. each.
Grandiflorum. This favorite variety, known as the Catalonian Jasmine, is a valuable winter blooming sort. The flowers are pure white and deliciously fragrant. 25 cts. each.
Grand Duke. Large white, imbricated double flowers; fragrant. 30 cts. each.
Sambac. Creamy white star-shaped flowers; very fragrant and free. 30 cts. each.
Sambac fl. pl. Of same color as above, but bearing larger flowers, which are very double. 30 cts. each.
Set of 5 for $1.50.

Mandarin Orange.

The best of the Oranges for house culture. Of dwarf, bushy habit, and a heavy bearer. We can supply plants old enough to bear fruit. $1.00 each.
DENDROBIUM NOBLE.

**ORCHIDS FOR COOL GREENHOUSE.**

These can be grown in any cool greenhouse or pit where the temperature does not fall below 38 or 40°. The time of flowering is given with each variety.

**Bletia Tankersiiita.** A well-known variety; producing long spikes of large flowers during the winter months; sepals and petals brownish red, lip white, yellow tip, and greenish yellow centre. $1.00 to $1.50.

**Cattleya Citriina.** The flowers are of a bright lemon yellow, deliciously fragrant, and are produced singly or in pairs; it blooms from May to August, and lasts for three or four weeks. $2.00 to $3.00.

**Cypripedium Buxatii.** Upper sepals of a beautiful fresh light green, with a narrow white border, covered with blackish brown spots; inferior sepals light green with lines of very small reddish brown spots; petals light green with dark lines. $3.00.

**Cypripedium Venustum.** Flowers of medium size; petals and sepals greenish white or pink; the former fringed in a peculiar manner; lip yellowish green. Foliage light green, curiously blotched and mottled with black and green; flowers during winter. $1.00.

**Cypripedium Insigne.** Flowers during mid-winter. The blooms will last six weeks; sepals and petals yellowish green, petals tipped with white and spotted brown; lip is orange and brown. $1.00 to $2.00.

**Cypripedium Sedent.** Sepals greenish white; petals twisted, white edged with purple, lip medium sized, rich crimson shaded with purple; winter. $2.50.

**Cypripedium Villosum.** Flowers often measure six inches across, and have a fine glossy appearance over their whole surface, which is orange red intermixed with light green and dark purple; May. $2.50.

**Laelia Aucps.** Flowers fragrant, two to four inches across; sepals and petals rose lilac; lip deep purple shaded with rose lilac; very free flowering and an easily grown species; December and January. $1.50 to $3.00.

**Laelia Autumnalis.** A lovely and showy Orchid. It produces its blooms on spikes of from six to nine flowers; the sepals and petals are of a beautiful purple color; lip rose and white, yellow in the centre; the flowers are four inches across; December and January. $1.50 to $3.00.

**Laelia Autumnalis Atrovene.** Flowers rich redish or magenta purple, deepest towards the tips of the sepals and petals, especially so on the upper part, while the lower is almost pure white. $3.00.

**Lycaste Aromatica.** Flowers yellow, disposed in spikes; free flowering, blooming during winter and spring, and remaining in beauty for weeks. $2.00.

**Lycaste Skinneri.** Flowers from four to six inches across; sepals and petals white more or less suffused with rose; lip rose lilac, frequently very heavily blotched with the deepest rose crimson; November to March. $1.50 to $2.00.

**Odontoglossum Aucps.** Flowers of a soft deep yellow, beautifully barred or spotted towards the centre with rich brownish crimson, measuring three to four inches across; winter. $2.00.

**Odontoglossum Alexandrae.** Pure white with bright golden spots on the lips; a graceful plant, producing its lovely spikes of bloom very freely when kept quite cool; winter. $2.00.

**Oncidium Crispum.** This species blooms at different times of the year, and lasts in beauty for three or four weeks, producing long spikes of large flowers; the sepals and petals are of a rich coppery color; the lip is the same but lighter spots in the centre. $2.00.

**Stanhopea Oculata.** Flowers large, curiously formed, thick and waxy in texture; the color of the flower is pale yellow spotted with purple; July to September. $2.00.

**ORCHIDS FOR TEMPERATE HOUSE.**

These can be grown in an ordinary greenhouse where the temperature does not fall below 55° to 60°.

**Angraecum Citratum.** Flowers creamy white or pale lemon, produced on long racemes from the axils of two year old leaves. It often bears twenty flowers on a stem; winter. $2.50.

**Angraecum Eltisii.** Flowers pure white, fragrant, about two inches across; sepals and petals narrow, milky white, tipped and blended; winter. $2.50.

**Calanthe Veitchii.** Flowers rich bright rose, with a white throat, spikes often attaining a height of three feet, bearing an immense quantity of flowers; winter. $2.00 to $3.00.

**Cattleya Amethystina.** A lovely orchid from Brazil bearing flowers of a beautiful shade of amethyst. $2.50.
Cattleya Amethystoglossa. A beautiful and distinct species growing from two to three feet, producing spikes of six to seven flowers, measuring over five inches across; sepals and petals light rose spotted with purple; lip deep purple; March to May. $3.50.

Cattleya Gaskelliana. One of the best of this family on account of the very graceful growth of the beautiful and rich coloring of its flowers. $2.50.

Cattleya Mendeli. Sepals and petals varying from white to a light pink, large and broad; lip large, of a beautiful pink; April and May. $4.00.

Cattleya Mossiae. Flowers from five to six inches across; sepals and petals of a deep blush or rose color; lip large, of the same shade, in most instances beautifully fringed, and the sepals rounded around the edge. One of the best, May to July. $2.00 to $4.00.

Cattleya Percivaliana. $2.50.

Cattleya Triana. The flowers measure four to six inches in diameter; sepals and petals blush; lip bright; or pale rose color out the; the lip large, and the front rich purple; winter. $2.50 to $3.00.

Cymbidium Lowianum. Flowers large; sepals and petals green with a few faint stripes of brown; lip pale yellow with few brownish purple spots at the base. March. $3.50.

Dendrobium Devonianum. Sepals and petals soft cream white tinged with pink; lip white margined with a few brownish spots on the base, and edged with a delicate lavender tinge. Well-grown plants during March and April frequently carry from ninety to one hundred flowers. $2.50.

Dendrobium Fascinosum. One of the best known and easiest grown. The flowers are large, sepals and petals white tipped with rosy pink, lip white, blotched at the base with deep velvety crimson; February to April. $1.00 to $1.50.

Laelia Dayana. Sepals and petals rosy purple; lip rich purple margined with lilac and white; a handsome free flowering species. $2.00.

Laelia Purpurata. Flowers very large; sepals and petals rosy to rosy purple, lip large, often three inches in length, and of a rich deep purplish crimson; blooms during May and June; a grand species. $3.00.

Odontoglossum Razizi. Sepals pearly white; petals yellow, lip large, flat, with veins; the flowers are produced in spikes from the base of the bulb, and bear from five to seven flowers each; sepals and petals rosy pink; lip of the same color. $2.50.

Odontoglossum Vexillarium. The flower spikes are produced from the side of the bulbs, and bear from five to seven flowers each; sepals and petals rosy pink; lip of the same color. $2.50.

Oncidium Varicosum. Sepals and petals pale green banded; lip large, of a rich yellow color; produces on strong plants scapes about 3 ft. long with large panicles of from 50 to 90 flowers. $2.50.

Schomburgkia Tibicinum. The blooms are produced on spikes five feet or more in length; each flower measures two inches across; sepals and petals green, spotted with rich chocolate; lip white with rose color on the sides; flowers during May and June, and lasts in good condition for about six weeks. $3.00.

Zygopetalum Mackayi. A very handsome plant, producing long spikes of large flowers during the winter months. The color of the flowers is greenish yellow, spotted with brown and lilac. It lasts in perfection for a long time. $2.00 to $5.00.

**TROPICAL ORCHIDS.**

These require the temperature of a hot-house or warm conservatory. $2.00.

Eridis Expansum Leonice. One of the very best sorts. The pendulous scape is 15 inches long, densely crowded with flowers, spotted and stained with pale lilac above the groups. $3.00.

Eridis Maculosa. Flowers large; sepals and petals pale rose color, spotted with purple; lip flat, of a deep rosy purple; June and July. $3.50.

Eridis Crispum. A beautiful free-growing kind; the flowers are abundant, are white tipped with pink; June and July. $2.50.

Cypripedium Hayuadiana. Upper half of sepals faint rose and white, lower half green, beautifully blotched; lip short; flowers single. $2.00.

Cypripedium Luvisianum. Bearing from three to four flowers on each stem; sepals and petals inside with yellow; petals six inches long, very much twisted, beautifully blotched with chocolate, purple and green; lip yellow; spring. $2.50.

Cypripedium Lawrenceanum. A handsome species with beautiful variegated foliage, having on their inner surface a dark green mottle on a light green, nearly white ground. Flowers greenish white with dark brown spots and stripes; lip very large; winter. $2.50 to $3.00.

Cypripedium Niveum. Of a soft snowy white, except a few spots of cinnamon scattered over the sepals and petals; foliage dark green on the upper side, with lighter markings; the under side variegated red; winter. $2.50.

Cypripedium Spicatum. Upper sepals white with a central line of purple, lateral sepals greenish also with a central line; lip greenish white spotted with violet; one of the most beautiful; early winter. $4.00 to $5.00.

Cypripedium Stonesi. A super beauty; sepals large, white, spotted with black; petals yellow, and tinged with yellow; petals five inches long, yellow, streaked and blotched with purple; lip large, purplish, with red veins; winter. $3.00.

Dendrobium Crassinodome. Sepals and petals waxy white, tipped with rich purple; lip purplish with an orange blotch at the base; February and March. $2.50.

Dendrobium Heterocarpum. Flowers amber, produced in clusters, five to six inches across; sepals and petals white, and the upper petal with a deep eye-like spot of crimson magenta; flowers in May and July in good condition for a long time. $2.50 to $3.00.

Epiphyllum Bicornutum. A curious and handsome species; flowers pure white with a few crimson spots in the centre of the lip; summer. $2.00.

Oncidium Ampliatum. Flowers clear yellow, much paler on the inside; sepals black, and tinged with crimson in a seace three feet high; spring and early summer. $2.50.

Oncidium Bicallosum. A showy dwarf-growing spees; sepals and petals dark brown; lip bright yellow; winter. $2.00.

Oncidium Cavendishianum. Flowers yellow, produced in great abundance from strong branching panicles; winter. $2.00.

Oncidium Lanceolatum. Sepals and petals large, ground to light yellow, tinged with green, barred and blotched with chocolate brown; lip large, rich violet in the lower portions, rose above. $1.50 to $2.00.

Oncidium Papilo (Butterfly Orchid). Flowers pale golden banded with purple; the flowers are large, blooming like a large butterfly in shape; sepals long, narrow, erect, bearing a resemblance to the antenna and proboscis of a butterfly. $2.00 to $5.00.

Peristeria Elata (Doree Bury, Ghost Flower). Flowers white with small lilac specks on the base of the lip, waxy, very sweet-scented, about one and a half inches in diameter, almost globular: July or August. $1.50 to $3.00.

Phalaenopsis Amabilis. Flowers often five inches in diameter; sepals and petals pure white, of great substance, the lip having a few bright yellow streaks; autumn. $2.00.

Phalaenopsis Schilleriana. Flowers two and a half inches in diameter, arranged in two rows along the spike; petals and sepals of a fine rose color; lips rose color and white; flowers 3 feet long; spikes bearing sometimes on hundred flowers; winter. $3.50.

Vanda Cereale. This remarkably handsome plant produces upright spikes, each bearing from eight to ten flowers, which are nearly five inches across; sepals and petals pale yellow, lipped with a deeper shade of blue; autumn. $3.50 to $5.00.

Vanda Tricolor. A charming free-growing species; the sepals and petals are pale yellow, spotted crimson; lip purplish striped with white. It blooms at different times of the year and lasts long in perfection. $5.00.
The following is a select list of rare and handsome varieties, which can be recommended for apartments, conservatory decoration, or vase plants during the summer. All are in a clean and thrifty condition suitable for making immediate effects, and require no nursing to bring them into proper shape. The Seaforthis, Arecas, Latanias and Kentias are of quick and graceful growth, and can be grown without much trouble.

Arecas Baueri. A distinct and graceful Palm, excellent for table decoration. $1.50 to $2.00 each.

Arecas Hambra. Foliage deep green, tinged red, stems red. 50 cts. to $1.00 each.

Arecas Lutescens. One of the most valuable and beautiful Palms in cultivation; bright glossy green foliage and rich golden yellow stems. 50 cts. to $1.00 each.

Arecas Verschaffelii. One of the most elegant varieties, with dark shining green foliage and light colored band through the centre of each leaf. $1.00 to $8.00.

Caryota Urens (Fish Tail Palm). An easily grown and useful sort. 50 cts. to $1.00 each.

Chamaerops Excelsa. A handsome Fan Palm, of rapid, easy culture. 50 cts. to $1.00 each.

Cocos Wedelliana. The most elegant and graceful of all the smaller Palms. 50 cts. to $1.00 each.

Cocos Plumosus. Plume-shaped foliage. The Cocos are admirable for Fern dishes, as they are of slow growth, and maintain their beauty for a long time. 50c.

Corypha Australis. An Australian Palm, of rapid growth and easy cultivation. 50 cts. each.

Curcurito Recurvata. A very graceful Palm-like plant for decorative purposes. 50 cts. to $3.00 each.

Euterpe Edulis (Assai Palm). Of spreading graceful habit. 50 cts. each.

Cycas Revoluta (Sago Palm). The stem of this variety is very thick, and bears the foliage in whorls at the top. $2.00 to $3.00 each.

Kentia Beilmorean. A beautiful strong growing Palm, with deep green crisp foliage. $1.50 each.

Kentia Fosteriana. One of the finest of the Kentias, with graceful bright green foliage. $1.50 each.

Lanatia Borbonica (Chinese Fan Palm). The most desirable for general cultivation, especially adapted for centres of baskets, vases, jardinières, etc. 50 cts., $1.00, $2.00, $3.00, $5.00 each.

Oreodora Regia (Royal Palm). 50 cts. to $1.00 each.

Phoenix Reclinata. Beautiful reclinate foliage. 50 cts. to $5.00 each.

Phoenix Rupicola. Of graceful arching habit. 50 cts. to $1.50 each.

Phoenix Sylvestris. An attractive sort, deep green foliage. 50 cts. to $2.00 each.

Phoenix Tenus. Excellent for table decoration. All the varieties of Phoenix are of good and desirable habit. 50 cts. each.

Psychosperma Alexandra. 50 cts. to $1.00 each.

Seaforthia Elegans. One of the very best for ordinary purposes, of graceful habit, and rapid, easy growth. 50 cts. to $2.00 each.

PASSIFLORA PRINCES.

This variety is the best of Passion flowers for the greenhouse. It blooms in long terminal racemes of brilliant scarlet flowers, which remain in perfection a long time. To bring it to perfection it should be given a warm situation and not trimmed back. The plants we are offering are the true variety, and not the ordinary Passiflora rubra.

$1.00 each.

POINSETTIA.

Pulcherrima. A hot-house plant of great beauty, producing bracts or leaves that surround the flowers, of the most dazzling scarlet. It blooms from November to February. Largely used by bouquet makers for designs of cut flowers, etc., 25 cts. to $1.00 each.

Pulcherrima plenissima. New Double Poinsettia. Very brilliant scarlet, tinted with orange; a dazzling color. The head grows on a specimen plant 14 inches in diameter by 10 inches in depth, giving it the appearance of a cone of fire. 50 cts. to $1.00 each.
PANDANUS (Screw Pine).

Utilis. Called Screw Pine from the arrangement of the leaves on the stem. Excellent for the centre of vases and baskets, or grown as a single specimen; a beautiful plant, 50 to 75 cts. each.

Javanicus Variegatus. Leaves green, with broad stripes of pure white gracefully curved. $1.00 each.

Veitchi. This is one of the most attractive plants. The leaves are light green, beautifully marked with broad stripes and bands of pure white, and gracefully curved. $1.50 to $10.00.

PLUMBAGO COCCINEA SUPERBA.

Similar in style to Plumbago Rosea, but producing long racemes of flowers 12 to 15 inches in length, and of a bright satiny carmine color. A grand plant for the warm conservatory. 50 cts. each.

STEPHANOTIS FLORIBUNDA.

One of the most charming hot-house climbers, growing rapidly, with long glossy deep green foliage, and producing clusters of pure white flowers, deliciously fragrant. 50 cts. to $1.00 each.

SMILAX

(Myrsiphyllum Asparagoideae.)

A climbing plant, unsurpassed in the graceful beauty of its foliage; its peculiar wavy formation renders it one of the most valuable plants for bouquets, wreaths, festoons, and decorations. Can be easily grown in the house. 15 cts. each; $1.50 per dozen.

TABERNÆMONTANA CAMASSA.

Greenhouse shrub, neat and compact, resembling the Gardenia in growth and fragrance; pure white double flowers, fine for cut-flower work. 50 cts. each.

MISCELLANEOUS HOUSE AND GREENHOUSE PLANTS.

Acacia pubescens. A beautiful greenhouse shrub, with delicate yellow flowers, and graceful foliage. 50 cts. to $2.50 each.

Antirrhinum crysilinum. $1.50 each. " magnificum. $1.00.

Aralia Guifoyei. 50 cts. each.

Ardisia crenulata. 30 to 50 cts. each.

Asclepias linifolia alba. 15 cts. each.

Aspidistra lurida. 30 cts. each. " variegata. 50 cts. each.

Campsidium filicifolium. Greenhouse climber, fern-like foliage. 50 cts. each.

Choisy ternatta. Spring flowering, white star-shaped flowers, which are produced freely. 75 cts. each.

Daphne Indica alba. A greenhouse plant, producing rosy white flowers; very fragrant. 50 cts. each.

Gardenia (Cape Jasmine). " floridu. Pure white; fragrant. 25 cts. each.

Gesneria. Rich velvety foliage, with pyramidal spikes of extremely handsome flowers. 50 cts. each.

Imantophyllum minutum. Remembers the Amaryllis in foliage, bearing large clusters of orange bell flowers. $1.00 to $2.00 each.

Laurus nobilis. The popular evergreen shrub known as "Sweet Bay." 50 cts. each.

Mosses. The following list comprises the most useful of the Lycopodium and Selaginellas, and such as can be grown without difficulty:

Cassia.

Dartimatum.

Serpens.

Krausea aurea.

Peperomia maculosa. Foliage prettily marbled green and white. 15 cts. each; $1.50 per dozen.

Phormium tenax (New Zealand Flax). 50 cts. each. " variegata. $1.00 each.

Psychospermum variegatum. 50 cts. each.

Rhynchospermum Jasminoides. Pure white; fragrant flowers. Plant of climbing habit. 30 cts. each.

Rhynchospermum Jasminoides variegata. Of similar habit of plant and flower, but with green and white foliage. 25 cts. each.

HARDY SHRUBS.

Shrubs appear to best advantage when planted in groups, or judiciously scattered about the lawn. By selecting a dozen varieties and planting in a clump, a succession of bloom may be had the greater part of the summer. Keep the plants in handsome shape, and of proper size, by the free use of the knife or pruning shears. In laying out new grounds, flowering shrubs should be planted extensively, as they make a beautiful display in a year or two, giving the lawn a very attractive and finished appearance.

HARDY GHENT AZALEA.

A magnificent class of hardy flowering plants, bearing large trusses of lovely, fragrant flowers. Their diversity of color and form should render them, even to a greater extent than at present, leading shrubs for outdoor purposes. Very dry situations are not suitable for this class. The soil should be prepared as per instructions for Rhododendrons.

The collection offered is from the best Europeouu sources.

$1.25 each; $12.00 per dozen.

HYDRANGEA PANICULATA GRANDIFLORA.

This is the finest hardy shrub in cultivation, and endures the heat and cold of our climate extremely well. The flowers, which are borne in dense pyramidal panicles in the greatest profusion, are white when they first open, but gradually change to rose color, and remain in good condition for weeks.

25 cts. to $1.00 each, according to size.
RHODODENDRONS.

The Rhododendron is one of the most valuable of our hardy decorative plants. The leaves are broad, green and glossy, and when planted in groups have a cheerful appearance in the midst of winter. In June the ends of the branches are covered with large clusters of beautiful flowers. They bear pruning well, and can be kept down to 2 feet, or allowed to grow 6 or 8 feet; as standards, they are particularly fine.

They require only a good garden soil, which should be dug at least two feet deep and mixed with some leaf mould or peat; it is also well to mulch the ground during the summer, and a protection of leaves and brush during the first winter will be beneficial. The finest varieties are the Hybrids of Catawbiensis, from which our stock is especially selected with reference to hardiness. We offer a choice collection of plants from 12 to 24 inches high, bushy and well established, ranging in color from the purest white through all the shades of rose, pink, purple and crimson.

$1.00 each; $10.00 per dozen. Plants set with buds, $1.50 each; $15.00 per doz.
Extra large specimens in bud, 3 feet high, $2.50 each; $24.00 per doz.

THE BEST HARDY SHRUBS.

First quality, 30 cts. each, except where noted; $3.00 per dozen; $20.00 per 100.
Second " 25 " 25 " 18.00 "

Acanthus Rosen (Rheum pseudo-nuncio hispida). Elegant rose colored flowers; blooms in mid-summer. 50 cts.

Almond, Double Pink (Prunus Japonica rorea plena). A small shrub, bearing in spring, before the leaves appear, an abundance of double, rose-like flowers. $2.50 each.

Almond, Double White (Prunus sinensis flore alba plena). Flowers pure white. 50 cts.

Althea, or Rose of Sharon (Hibiscus Syriacus). Strong, erect growing shrubs of the easiest culture, which bear large and showy flowers in early fall. 50 cts.

Althea Bicolor Hybrida.

" Carnea Plena. Double, flesh color. "

" Double Purple. "

" White. "

" Elegantissima. "

" Grandiflora Superba. "

" Lady Stanley. Double variegated flowers. "

" Speciosa. "

" Semi-Double Violet. "

" Van Houttei Monstrosa. "

" Single White. "

Barberry (Berberis Canadensis). American Barberry. Yellow flowers April to June, followed by red berries. 50 cts.

Barberry (Berberis vulgaris). Yellow flowers in drooping racemes, in early summer, followed in autumn with orange-scarlet fruit. 50 cts.

Barberry, Purple (Berberis vulgaris purpurea). Violet colored foliage and fruit; very effective. 50 cts.

Box, Common (B. mirtifolia). A hardy evergreen shrub, with bright glossy leaves. Size, 2 to 3 feet, 50 cts. to $1.00 each.

Box, Broad (B. tiffoloides). Large leaved, bushy and compact. Size, 2 to 3 feet. 75 cents each.

Box, Golden (B. aurea variegata). Leaves edged yellow. 75 cts. each.

Burning Bush (Euryonymus Europaeus). Covered with a profusion of scarlet and orange seed during autumn and winter. 50 cts. each.

Burning Bush, Dwarf (Euryonymus Europaeus nana). Bushy, compact, dark green foliage, held late in autumn. 50 cts. each.

Calycanthus, Sweet Shrub (Calycanthus Floridos). Flowers fragrant, like strawberries; double, and of a chocolate color. 50 cts.

Cornelian Cherry (Cornus masca). Clusters of bright yellow flowers in early spring, followed in autumn with large scarlet berries; very acid, but good for cooking. 50 cts. each.

Cornelian Cherry, Variegated (Cornus masca variegata). Leaves variegated with broad bands of yellowish white. Size, 3 feet. $1.00 each.

Crataegus Pyracantha (Evergreen Thorn). A valuable plant for growing singly or for a hedge. Attractive, rich, glossy foliage; fragrant white flowers, succeeded by bright orange-red berries. 25 cts. each.


Daphne Mezereum. Flowers bright pink, delightfully fragrant; appearing very early in spring.

Deutzia Crenata. Bears a profusion of pink and white flowers; very pretty.

Deutzia (Crenata florae plena). Flowers double white, tinged with pink.

Deutzia Fortunae. Large pure white single flowers.

Deutzia Gracilis. A dwarf bush, covered with spikes of pure white flowers in early summer.
HARDY SHRUBS—Continued.

Deutzia, Rough Leaved (D. x johnsonii). Strong grower; single white flowers produced in early summer.

Dogwood, Red Twigged (Cornus sanguinea). A strong growing bush, with crimson colored branches, making it an attractive object in winter.

Exochorda grandiflora. Finely shaped bush, with a profusion of the most lovely pure white flowers; blooms in the spring. 50 cts., 75 cts. and $1.00 each.

Filbert, Purple (Corylus purpurea). Leaves dark purple and attractive in later spring; also with other foliage when planted in a group.

Forsythia, Golden Bell (F. viridissima). Produces bright yellow flowers in spring before the leaves appear. 24 cts., 40 cts. and $1.00 each.

Forsythia, Weeping (F. suspensa). Has long drooping branches.

Fringe, White or Smoke Tree (Rhus cotinus). Has very curious bloom, which when covered with dew, resembles a cloud of smoke or mist. 50 cts. each.

Fringe, White (Chionanthus Virginicus). The bloom is very much like white fringe; one of the most pleasing ornaments for the lawn. 50 cts. each.

Gloire de France (Kerria, or Corokia japonica). Small shrubs, with abundant yellow flowers in early summer.

Hypericum, or St. John’s Wort (H. calycinum). Flowers bright yellow; blooms in midsummer.

Indigo (Cyanus fraxinifolius). A fine shrub; bears long slender spikes of dark violet flowers; very pretty.

Japan Quince (Pyrus japonica). A very showy and popular shrub, which blooms profusely in early spring; flowers dazzling scarlet. Makes an excellent and very showy hedge.

Judas Tree, or Red Bead Japan (C. japonica). The flowers are a brilliant rose color, and borne in profusion. 3 to 5 feet; $1.00 to $1.50 each.

Laburnum (Cytisus laburnum). Long racemes of golden yellow flowers. In bloom June to July.

Lilac, (Syringa vulgaris). Charles X. Large trusses of reddish purple flowers.

Lilac, Common (Syringa vulgaris). The common purple species; and one of the best.

Lilac, Common White (S. vulgaris alba). Flowers pure white; very fragrant; beautiful.

Lilac, French Red (S. Rothmagensis). A distinct variety, with reddish flowers of great size.

Lilac, Josika’s (S. Josika). Deep lilac flowers. A choice large blooming variety. 50 cts. each.

Lilac, Persian White (S. Persica alba). Slow growing, fine, beautiful white flowers.

Lonicera Tartarica. White Tartarian Honeysuckle. Fragrant pink and white flowers; very pretty.

Magnolia conspicua. Flowers large and pure white, and borne profusely. 4 to 6 feet; $3.00 each.

Magnolia gracilis. Forms a bush 8 or 10 feet high; flowers pure white. 5 to 6 feet; 50 cts. each.

Magnolia Norbertiana. Flowers 10 inches in diameter: upper side of petal, white under. 4 to 6 feet; $1.50 each.

Magnolia purpurea. Dwarf; flowers bright purple; very profuse. 3 to 5 feet; 50 cts. each.

Magnolia soulangeana. Beautiful; flowers of large size, resembling Norbertiana. 4 to 6 feet; $2.00 each.

Mock Orange (Double flowered Syringa—Philadelphus fl. f. pl.). Partially double white flowers; very fragrant.

Mock Orange, or Syringa (Philadelphus). Fragrant, pure white flowers.

Mock Orange, Dwarf (P. manu). A dwarf compact variety; neat and pretty.

Mock Orange, Large Flowered (P. grandiflora). Showy; large flowers; slightly fragrant.

Privet, -fragilis (L. ovatifolia). Nearly evergreen. Bears white flowers in the early summer; one of the best hedge plants.

Prunus triloba. Double flowering plum. Flowers white in March, thickly set on slender branches.


Rhamnus fragilis (Duckthorn). Flowers. Small black berries.


Spiraea Billardiii. A strong growing, pink flowered, late blooming species.

Spiraea callosa alba. Low dwarf growth; white flowers in mid-season.

Spiraea callosa rubra. Low dwarf growth; red flowers in mid-season.

Spiraea Douglassii. Rose colored, late flowering.

Spiraea opulifolia aurea. Distinctly yellow, rich looking. One of the most effective.

Spiraea prunifolia (Deutzia). Flowers double, white and abundant; early blooming.

Spiraea Reevesii. Covered in spring with an abundance of white flowers.

Spiraea Rubens Flore Pleno. A double flowering form of the above.

Spiraea Thunbergii. One of the most charming of all low-growing shrubs, with fine, delicate foliage and a profusion of small white flowers in spring.

Spiraea Tomentosa. Tufts of pink flowers in mid summer.

Snowberry (Symphoricarpos racematus). Pink flowers in summer; large white, waxy berries in autumn.

Snowberry (Red or IndianCurrant—S. involucratus). More compact form, with small red berries in autumn.

Tamarisk (Tamarix ramosa). Feathery foliage, small fringes of light pink flowers.

Viburnum Snowball (Viburnum opulus sterile). Snowy white flowers, borne in large balls in early summer.

Viburnum, Japan Snowball (V. plicatum). A new variety which blooms more profusely and in more perfect balls. 75 cts. each.

Viburnum, Maple-Leaved (V. acerifolium). White flowers in summer; red berries in autumn.

Weigela candida. Pure white. This is the only white Weigela that is of any value, all the other sorts being poor growers or bearing pink flowers. 50 cts.

Weigela floribunda. Beautiful deep rose colored flowers.

Weigela Glaucoviridissima. Rose colored flowers streaked dark red.

Weigela hortensis nivana. Pure white; constant blooming. 50 cts. each.

Weigela Isolata. Flowers open white, and change to blush.

Weigela lutea. Pale yellow; blooms after the other varieties.

Weigela mutabilis. Flowers pendulous, chocolate color with white stamens.

Weigela rosea. Fine colored flowers; one of the best.

Weigela Symondii. Rose and white; distinct and beautiful.

HEDGE PLANTS.

American Arborvitae (Evergreen). 9 to 12 inches, $8.00 per 100; 12 to 18 inches, $10.00 per 100; 18 to 24 inches, $15.00 per 100; 2 to 3 feet, $25.00 per 100.

Dwarf Compact Arborvitae. Forms a hedge 3 to 4 feet high. 9 to 12 inches, $12.00 per 100; 3 to 4 feet, $50.00 per 100.

Cyonon Japonica (Deciduous). Bright scarlet flowering. Makes an excellent hedge. $10.00 to $12.00 per 100.

Hemlock Spruce (Evergreen). 1 to 2 feet, $25.00 per 100; 2 to 3 feet, $40.00 per 100; 4 to 5 feet, $75.00 per 100.

Norway Spruce (Evergreen). 12 to 20 inches, $14.00 per 100.

Osage Orange (Deciduous). One year old 75 cts. per 100, $5.00 per 1000; two years old $1.00 per 100, $7.00 per 100.

Privet, California (Deciduous). Dark green foliage; bears trimming well. 1 to 2 feet, $20.00 per 100.

WEEPING DECIDUOUS TREES.

Beech, Weeping (Fagus sylvatica pendula). Attains a height of twenty to thirty feet; moderate grower; Stem grows upright, while all the branches grow almost in a straight line on top of planter. $2.00 per 100, $12.00 per 1000.

Birch, Cut-Leaved Weeping (Betula alba incisa). Delicately cut leaves and white bark. Does not weep till it attains considerable size. $1.50 each.

Birch, Young's Weeping (B. Youngii). A slow grower of most beautiful weeping habit. The main stem is upright, but the side branches droop to the ground. $2.00 each.
WEPPING DECIDUOUS TREES—Continued.

Elm, Weeping (Ulmus pendula). An attractive variety, with large leaves and pendulous habit. $1.00 to $2.00 each.

Mountain Ash, Weeping (Pyrus sorbus aneneparia pendula). A singular weeping tree, with spreading branches, which bear clusters of red berries the latter part of the season. $1.50 each.

Poplar, Weeping (Populus Parrot of St. Julien). A graceful, drooping variety recently introduced from France; $1.50 each.

Willow, Common Weeping (Salix Babylonica). This is the native willow of Palestine. Rapid grower; hardy and graceful. Size, 5 to 8 feet. 75 cts.

Willow, Kilmainnock (S. expus pendula). One of the most curious weeping trees in cultivation. The limbs all grow downward until they reach the ground, looking as if, by some strange freak of nature, the tree had become inverted. $1.50 to $2.00 each.

Willow, American (S. purpurea pendula). Has beautiful, graceful foliage, borne on long, slender, pendulous branches; forms a fine globular head. $2.00 each.

DECIDUOUS TREES.

Alder, Cut Leaved (Alnus glutinosa laechnita (pandurata). Medium tree, grayish bark; large deciduous leaves; symmetrical grower and very ornamental. 6 to 7 feet. $1.50 each.

Alder, European (A. glutinosa). Erect and symmetrical. Could be used to advantage in many situations where other trees will not grow. 8 to 12 feet. 75 cts. to $1.00 each.

Ash, American or White (Fraxinus alba). Of rapid growth, symmetrical form, and beautiful appearance. To 20 feet, $1.00 each. To 25 feet, $1.50 each. To 30 feet, $2.00 each.

Ash, European (F. excelsior). Similar to the American, but grows rather taller, and the foliage is smaller and of a darker green. 8 to 12 feet. 60 cts. to $1.00 each.

Ash, Flowering (F. ornus). Bears showy clusters of greenish white flowers. 5 to 6 feet. 75 cts. each.

Ash, Mountain (Pyrus sorbus anceps). Bears clusters of bright red berries in Autumn, which are conspicuous and handsome. 5 feet, 50 cts. to $1.00 each.

Beech, American (Fagus Americana). A native forest tree of rapid growth. 8 feet. 75 cts. each.

Beech, European (F. Sylvatica). Well adapted for screens or specimen trees. 6 to 8 feet. 75 cts. each.

Beech, Purple Leaved (F. purpurea). The foliage, which is of dark purple or chocolate color, produces a most effective contrast to the green of other trees; unquestionably one of the most conspicuous and ornamental deciduous trees. 4 feet, $1.00 each; 6 to 7 feet, $2.00 each; 7 to 10 feet, $2.50 to $4.00 each.

Birch, Bildek (Betula lenta). This is the sweet birch of our forests; of ornamental, symmetrical growth, 6 to 10 feet. 75 cts. each.

Birch, Paper, or Canoe (B. papyracea). Vigorous habit, with pure white bark. 8 to 10 feet. 75 cts. each.

Birch, Purple Leaved (B. populifolia purpurea). Foliage dark, resembling that of the Purple Beech; forms striking contrast with other trees. 4 to 6 feet. $1.00 each.

Bird Cherry (Prunus padus). A symmetrical tree, which bears long, pendant clusters of white flowers in early summer. 5 to 6 feet. 75 cts. each.

Catalpa, Bunge's (C. Bungei). The great durability of its wood after being cut, either as boards, posts or rails, renders it very valuable as a timber tree, while it is also attractive on the lawn. 6 to 8 feet. 60 cts. each.

Catsla, Japan (C. Kempteri). Very dwarf tree or large shrub, with large, showy leaves. 3 feet. 75 cts. each.

Cypress, Deciduous (Taxodium distichum). A handsome tree of symmetrical habit, with very fine pinnate leaves. 5 feet. $1.00 each.

Dogwood, White (Cornus floridus). An ornamental tree, producing large white flowers in the Spring, and rich, crimson foliage in the Autumn. 6 to 8 feet. 75 cts. each.

Elm, American (Ulmus Americana). Combines in a wonderful degree, gracefulness, beauty and majesty; of rapid growth and very desirable. 8 to 12 feet. 75 cts. to $1.50 each.

Horse Chestnut (Aesculus hippocastanum). Large, rich foliage. A very fine and symmetrical shade tree. 9 to 12 feet. 75 cts. to $1.50 each.

Jinko, or Maiden Hair (Adiantum capillus-veneris). A small, straight tree, with singular, beautiful foliage, resemling the Maiden Hair Fern or Adiantum; hardy and desirable. 3 to 6 feet. $1.00 each.

Linden, or Bass Wood (Tilia Americana). A rapid growing tree, with round, symmetrical head. Produces a profusion of yellow flowers in early Summer. 8 to 12 feet. 50 cts. to $1.50 each.

Linden, Silver Leaved (T. argentea). Rather smaller than the American. The leaves are downy and white on the under side. 12 feet. $2.00 each.

Lindeu, European (T. Europaea). A variety of very rapid growth; neat and compact; height 10 feet. $1.00 each.

Maple, Ash, Leaved (Acer negundo). The foliage somewhat resembles that of the ash; form irregular and spreading; a desirable shade tree. 10 to 14 feet. 75 cts. to $1.50 each.

Maple, English Cork (A. campestre). Rounded form; small neat foliage; a very hardy and attractive tree. 8 feet. $1.50 each.

Maple, Norway (A. platanoides). Spreading, rounded form; foliage large dark green; moderate grower, inclines to head rather low. 8 to 14 feet. 75 cts. to $3.00 each.

Maple, Silver Leaved (A. dioecarpum). Very rapid grower, spreading branches and slivery foliage. Thrives in nearly all soils. 8 to 15 feet. 50 cts. to $1.00 each.

Maple, Sugar (A. saccharinum). We consider this the most desirable shade tree in cultivation for planting along drives or avenues. Moderate grower; long-lived; symmetrical habit. 8 to 16 feet. 75 cts. to $3.00 each.

Maple, Sycamore (A. pseudo platanus). A medium grower and a valuable shade tree. 8 to 12 feet. 75 cts. to $1.00 each.

Maple, Variegated Sycamore (A. pseudo platanus cariegate). Similar to the above, but of slower growth, and has strongly variegated foliage. 4 to 6 feet. $1.50 each.

Maple, Japan (A. polymorpnum). Of dwarf habit, attaining a height of 8 or 10 feet; foliage small, deeply lobed. Young growth frequently varying in color. 2 feet. $1.50 each.

Oak, English (Quercus robur). A fine, stately, ornamental tree, of moderate growth. $1.00 each.

Oak, Scarlet (Q. coccinea). Valued for its beautiful scarlet foliage in the Autumn. $1.50 each.

Oak, Mossy Cup (Q. vaccinacea). A stately spreading tree, with large acorns, the cups of which are beautifully fringed. $1.50 each.

Oak, Turkey (Q. coccifera). Forms a fine rounded head, of moderate growth. $1.00 each.

Poplar, Balsam or Balm of Gilead (Populus balsamifera). Rapid grower; bright green leaves; spreading, pyramidal form; being planted extensively in cities on account of its rapid growth and freedom from insects and disease. 9 to 14 feet. 75 cts. to $1.50 each.

Poplar, Carolina (P. angustata). Both of these varieties are very desirable where shade is wanted as soon as possible, as they grow at a most rapid growth. 9 to 12 feet. 75 cts. to $1.50 each.
Fruit Department.

While we exercise the greatest care to have all our trees and plants true to name, well grown, and packed in the best possible manner, and hold ourselves in readiness to replace all trees or plants that may accidentally prove untrue, it is mutually understood and agreed between the purchaser and ourselves that we disclaim any liability for results arising from defective planting or planting at improper seasons, or from subsequent faulty treatment and cultivation, and are not in any respect responsible for any loss or damage arising from any failure thereof.

APPLES.

The following are given as being the varieties best adapted to general cultivation in this latitude, in addition to which are many varieties not here described which have only a local reputation, or which succeed only in certain localities. The trees have made a thrifty, vigorous growth during the past season, and are furnished with a quantity of fibrous roots.

Size, 5½ to 7 feet. 50 cts. each; $5.00 per doz. Selected specimens.

EARLY.

Early Harvest. Medium; straw color; flavor rich.
Early Red Streak. Medium; yellow, with red streaks; sub-acid.
Early Strawberry. Small; dark crimson; sub-acid.
Sweet Bough. Large; pale yellow; very sweet.
Red Astrachan. Large; bright crimson; rich, acid flavor.

SUMMER.

American Summer Pearsma. Medium; red, streaked with yellow.
Maiden's Blush. Large; pale yellow, with a beautiful blush check.
Primate, or Belle Rose. Medium size; white, with red cheek; good flavor.
Tetofsky. Medium; yellow, striped with red; firm, juicy.
Townsend. Large; yellow and red.

AUTUMN.

Duchess of Oldenburg. Medium; yellow, striped with red; rich and juicy.
Fall Pippin. Very large; rich yellow; sub-acid.

Gravenstein. Large; yellow, striped with red; juicy, and high flavored.
Jeffries. Medium; yellow, striped with red; mild sub-acid flavor.
Nyack Pippin. Very large; conical; yellow, with red cheek.
Orange Pippin. Large; yellow, with red check.
Porter. Large; bright yellow; fine sub-acid flavor.
Rambo. Medium; yellow, striped with red; pleasant flavor.

WINTER.

American Golden Russet (Sheepnose). Small; yellowish russet.
Baldwin. Large; deep red; sub-acid and high flavored.
Ben Davis (New York Pippin). Large; bright red, juicy, rich sub-acid.
Bellefleur (Bell Flower). Large; bright golden yellow.
Dominie. Medium; greenish yellow, striped with red.
Fallowater. Very large; greenish yellow, with dark blush check; sub-acid.
Fameuse (Snow Apple). Medium; deep crimson; flesh white.
Grimes' Golden Pippin. Medium; bright yellow; rich and spicy.
Hubbardson's Nonesuch. Large; yellow, striped with red; sweet.
King of Tompkins County. Large; yellowish red; rich; sub-acid.
Monmouth Pippin (Red Cheek Pippin). Large; greenish yellow, with red cheek.
Nero. Medium; dark red; sub-acid.
Ravile's Janet. Medium; yellow, striped crimson; sub-acid.
Red Carver. Medium size; tender and juicy.
Ridge Pippin. Large; yellow; blush check.
Roman Stem. Medium; yellow, juicy; rich, acid flavor.
Smith's Cider. Large; red, marbled yellow; pleasant; sub-acid.
Smokehouse. Medium; yellow, shaded with red; firm, juicy.
Tamman's Sweet. Medium; light yellow, with pale blush.
Tewkesbury Winter Blush. Small; yellow, with red cheek; firm, juicy.
Wine Sap. Medium; dark red; flesh yellow, rich and high flavored.

NEWER VARIETIES.

Price, 75 cts. each; $7.50 per doz.

Pewaukee. Medium round; bright yellow, striped with dark red; tender and juicy, sub-acid; good quality; a good winter variety.

Red Bietigheimer. Ripening in early fall, large size; light yellow, nearly covered with red.

Wealthy. Medium; yellow, shaded with crimson; tender, juicy, sub-acid; a hardy and vigorous winter variety.

White Carver. Medium to large; bright yellow; agreeable sub-acid flavor; good and regular bearer; a valuable summer variety.

Yellow Transparent. A new Russian variety; clear white skin, changing to a beautiful yellow when fully ripe; of good quality, and for an early apple a good keeper; ripens from ten days to two weeks before the Early Harvest.

Trees and Shrubs are only sent by express or freight at purchaser's expense.
CRAB APPLES.

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<thead>
<tr>
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<tbody>
<tr>
<td>Chicago</td>
<td>Small; yellow, with vermilion cheek; ripens late and keeps till midwinter.</td>
<td>$5.00</td>
<td>$5.00</td>
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<tr>
<td>Hyslop</td>
<td>Large; dark red, sprightly sub-acid; excellent for cooking.</td>
<td>$8.00</td>
<td>$8.00</td>
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<tr>
<td>Lady Elgin</td>
<td>Small, fair and handsome; very tender and good to eat uncooked.</td>
<td>$7.50</td>
<td>$7.50</td>
</tr>
<tr>
<td>Marengo</td>
<td>Large; bright red on yellow ground; a good keeper.</td>
<td>$10.00</td>
<td>$10.00</td>
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<tr>
<td>Yellow Siberian</td>
<td>Large; fine rich yellow.</td>
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DWARF PEARs.

Dwarf Pears require thorough cultivation and great care to grow them to perfection, but are desirable in small yards, or where there is but little room.

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<tr>
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<tbody>
<tr>
<td>Bartlett</td>
<td>For description, see Standards.</td>
<td>$8.00</td>
<td>$8.00</td>
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<tr>
<td>Buffum</td>
<td>For description, see Standards.</td>
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<tr>
<td>Doyenne D'Ete</td>
<td>For description, see Standards.</td>
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<tr>
<td>Duchess D'Angouleme</td>
<td>Very large; dull yellow, rich, juicy, bittersweet; one of the dwarf pears.</td>
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<tr>
<td>Howell</td>
<td>Large; yellow, with red cheek and russet dots; juicy and melting, with vinous flavor.</td>
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<tr>
<td>Kieffer</td>
<td>Harly, productive, good flavored.</td>
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<tr>
<td>Louise Bonne de Jersy</td>
<td>Large, beautifiull dull russet; juicy, melting, delicious.</td>
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<tr>
<td>Mount Vernon</td>
<td>For description, see Standards.</td>
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<tr>
<td>Rutter</td>
<td>Large; greenish yellow, slightly covered with russet; juicy, melting, slightly vinous; of good quality, and a desirable winter variety.</td>
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CHERRIES.

Cherries succeed best on moderately rich, light, loamy, or sandy soil. Many of the free growing varieties, of pyramidal form and dark, rich foliage, are very ornamental.

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<thead>
<tr>
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<tbody>
<tr>
<td>Black Tartarian</td>
<td>Large; juicy, and excellent; early and productive.</td>
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<tr>
<td>Coe's Transparent</td>
<td>Pale amber, mottled with red; one of the best early.</td>
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<tr>
<td>Downey's Late Red</td>
<td>Light red; sweet and luscious; late.</td>
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<tr>
<td>Early Richmond</td>
<td>Medium; acid; very early; profitable market variety.</td>
<td>$5.00</td>
<td>$5.00</td>
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<tr>
<td>Elton</td>
<td>Large; pale yellow, spotted with red; early.</td>
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<tr>
<td>English Morello</td>
<td>Large; acid; one of the best for cooking; productive; late.</td>
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<tr>
<td>Governor Wood</td>
<td>Large; pale yellow, shaded red; sweet, rich, and delicious; productive; one of the best.</td>
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<tr>
<td>May Duke</td>
<td>Dark red; an early, acid, juicy, well tried variety.</td>
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<tr>
<td>Napoleon Bigarreau</td>
<td>Large; white, with red cheek; excellent.</td>
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<tr>
<td>Rockport Bigarreau</td>
<td>Large; pale amber, marbled with red; productive.</td>
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<tr>
<td>Yellow Spanish Bigarreau</td>
<td>Large; nearly white, with a faint blush; firm, rich and delicious.</td>
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PLUMS.

The Plum will succeed on any soil that is sufficiently well drained, though a rich loam, inclined to clay, produces the most vigorous growth.

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<thead>
<tr>
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<tbody>
<tr>
<td>Belle Lucrative</td>
<td>Medium; pale yellowish green; very juicy.</td>
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<tr>
<td>Beurre D'Anjou</td>
<td>Large; russet yellow; very juicy, sprightly, vinous flavor.</td>
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<tr>
<td>Buffum</td>
<td>Medium; yellow, shaded with red.</td>
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<tr>
<td>Doyenne Boussock</td>
<td>Large; bright yellow, with russet cheek.</td>
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<tr>
<td>Flemish Beauty</td>
<td>Large; pale yellow, with a dull blush; juicy and sprightly.</td>
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<tr>
<td>Seeket</td>
<td>Small; bright russet; juicy and high flavored.</td>
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<tr>
<td>Sheldon</td>
<td>Medium; bright russet; sweet and aromatic.</td>
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WINTER VARIETIES.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Duchess de Bordeaux</td>
<td>Medium; yellow, with russet cheek; an excellent market variety.</td>
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</tr>
<tr>
<td>Lawrence</td>
<td>Medium; pale yellow.</td>
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</tr>
<tr>
<td>Mount Vernon</td>
<td>Medium; russet, on a yellow ground.</td>
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</tbody>
</table>

Please read Disclaimer on page 129.
PEACHES.

Peaches do best on warm, light, moderately rich soil. The trees should branch low, not having more than 3 or 4 feet of trunk. Trees should grow broad rather than high, to facilitate gathering fruit. 4 to 5 feet, 25 cts. each; $2.50 per doz., selected. Alexander. Large; fine flavored and early. Ansdel's Summer. Large; beautiful and of good quality. One of the best extra early Peaches. Bilyeu's Late October. Large; white, with bright red cheek; a good shipper; very late. Brandwine. Large; yellow; freestone. Crawford's Early. A magnificent yellow fleshed Peach; tree regular bearer; fruit of large size, and highly colored. Crawford's Late. Large; yellow, with red cheek. Downing. Fruit medium; greenish white, mottled red; flesh white, juicy and sweet. Early Louis. Medium; bright red; melting, juicy and excellent. Early Rivers. Large; pale yellow; melting and rich; ripens about two weeks before Crawford's Early. Foster. Yellow freestone; large; round; good quality. Hale's Early. Medium; white, with a deep red cheek; flesh white, juicy and agreeable. Heath Cling. Large; creamy white, with slight blush; rich, juicy and melting; valuable for preserving. Large Early York. The best of its season; large; white and red; juicy, rich and excellent. Late Rareripe. Large; pale yellow and red; melting, juicy and rich. Morris White. Large; white freestone; prized for canning or preserving; a moderate bearer. Mountain Rose. Early; large; red; flesh white; rich flavor. Old Nixon Free. Large; sprightly flavor, and bright, handsome color. Reeves' Favorite. Large; yellow, red cheek; good vinous flavor. Smock. Medium; yellow, with red cheek; rich and pleasant flavor. Stump the World. Very large; white, with red cheek; highly flavored; very productive. Ward's Late Free. Large; white, with red cheek; juicy and late. Wilder. Large; flesh juicy and rich; vigorous grower. Waterloo. Medium to large; whitish green in shade, red in the sun; a Peach of great promise; ripens very early. Wagner. Large; yellow, with red cheek; yellow flesh; juicy; fine flavor; valuable for canning. Yellow Rareripe. Large; orange, red cheek; juicy and melting; pleasant vinous flavor.

APRICOTS.

Plant on a Northern exposure, that the buds may not start early, and be injured by the late frosts. Heavy soil preferable. Prune moderately every spring. 50 cts. each; $5.00 per doz. Breda. Small; rich orange color; juicy and high flavored. Early Golden. Small; pale yellow; flesh yellow; juicy and sweet; productive and hardy. Peach. Large; deep orange; rich; high flavored.

MULBERRIES.

Valuable on account of its fruit, which is highly esteemed by some, and for its habit of growth, which renders it a desirable shade tree. It is desirable also for the success of growth of the silk worm. Downing's Everbearing. Fruit large; blue black; juicy, rich, sugary, with a sprightly vinous flavor. Tree vigorous and productive, continuing in bearing for about three months. A large and desirable shade tree. 4 to 5 feet, 50 to 75 cts. each. Russian. A rapid grower; specimens 6 years old measuring 20 feet in height and 6 or 8 inches in diameter; they are productive and early bearers; fruit is desirable for dessert or jellyies; foliage suitable for silk worms. 4 feet, 25 cts. each; $2.50 per doz. White (Morus Alba). Fruit small; nearly white; of inferior quality; tree of rapid growth; cultivated chiefly for food for the silk worm, for which purpose it is valuable. 2 to 2 1/2 feet, 25 cts. each; $2.50 per doz.; 5 to 6 feet, 50 cts. each.

NECTARINES.

A smooth skinned fruit which resembles the peach. Plant on light soil and prune the young growth thoroughly every year. 50 cts. each; $8.00 per doz. Downton. Large; pale green, with deep red cheek. Hardwick. Large; pale yellowish green. New White. Medium; greenish white, with red cheek.

QUINCES.

Quinces require a deep, rich soil. On account of roots being very near the surface, the ground should be kept well worked and free from grass and sod. Make frequent and thorough search for borers. Do not prune much, but carefully remove the old and decayed wood.

BLACKBERRIES.

Plant in good soil, in rows 5 or 6 feet apart, and 3 or 4 feet apart in the row. After the fruiting season, or in early spring, cut out all the dead wood. Blackberries should be pruned early, before the buds start. A good top dressing of stable manure, applied annually, will be conducive to large crops. Keep the ground clean.

Erie. This is a new berry of great promise, on account of ripening its entire crop at once and early. Berries medium or large size, black when ripe, firm, sweet, and of good quality. 50 cts. each; $4.00 per doz.

Early Harvest. The berry is of fair size (not large); long form; a splendid shipper and of good quality. Early, hardy and excessively productive. $1.50 per doz.; $8.00 per 100.

Dorchester. Yields fine crops of fruit. Large size; long, glossy, black; of good flavor. $1.00 per doz.; $4.00 per 100.

Meech's Prolific Quince.

Champion. This variety is no longer looked upon as a doubtful acquisition, but its merits are acknowledged by all who have tried it. It is of upright, symmetrical growth, producing a small, attractive tree. Fruit exceedingly large, pear shaped; bright, handsome yellow, vigorous, hardy and productive. Two years, 3 to 5 feet, well branched. 75 cts. each. Meech's Prolific. A strong, vigorous grower; immensely productive; fruit uniformly of large size and of very handsome appearance; ripens later than the Orange Quince, from which it also differs in form and shape. It cooks tender and entirely free from hard lumps; unsurpassed for making jelly. One year, 75 cts. each. 2 years, $1.50 each. Orange, or Apple. Large; rich golden yellow; firm; productive and desirable for market. 3 to 4 feet, well branched, 50 cts. each.
BLACKBERRIES—Continued.

Kittatinny. Large; juicy, sweet and excellent; hardy and productive. Considered the best and most profitable late berry. $1.00 per doz.; $4.00 per 100.

Wilson's Early. A well known and desirable variety, though not considered entirely hardy north of Philadelphia; ripens early, and commands a high price in market. 75 cts. per doz.; $4.00 per 100.

Wilson Junior. A selving of Wilson's Early, of large size, unsurpassed productiveness, fine flavor, and early. The largest and best early Blackberry yet introduced. 15 cts. each; $1.00 per doz.; $6.00 per 100.

Lawton (New Rochelle). An old variety, once very popular. 75 cts. per doz.; $4.00 per 100.

Snyder. Berries medium, but of excellent quality; hardy; of strong growth and enormously productive; ripens early. $1.00 per doz.; $4.00 per 100.

Cuthbert, or Queen of the Market. Large; firm; deep, rich crimson; of excellent quality; tall, strong and vigorous; perfectly hardy, and very productive; succeeds well in almost all localities; ripens medium to late. $1.00 per doz.; $4.00 per 100.

Hansell. Medium; bright crimson; very firm, rich, and of good quality; very early, ripening ten days in advance of Brandywine; desirable for market or home culture. $2.00 per doz.; $8.00 per 100.

Golden Queen. Berries large; golden yellow, bright and firm, and of fine, rich flavor; vigorous, productive and healthy. 40 cts. each; $4.00 per doz.

Philadelphia. Dark crimson; a variety grown for market, on account of its hardness and productiveness. 75 cts. per doz.; $4.00 per 100.

Reliance. Large; dark red; rich, sprightly, acid flavor; strong grower, hardy and productive. 75 cts. per doz.; $4.00 per 100.

Schafer's Colossal. An immense raspberry in point of fruit, cane and productiveness; dark color, and late. Agreeable, sub-acid flavor; of special value for canning or preserving. $1.00 per doz.; $5.00 per 100.

Superb. A most delicious berry; enormously productive; fruit dark scarlet, and of largest size; plant very hardy. As early as most red raspberries, and continues to bear till late. $2.50 per doz.; $10.00 per 100.

Turner, or Southern Thornless. Medium size; bright color; sweet and rich, hardy, and exceedingly productive. 75 cts. per doz.; $3.00 per 100.

INDUSTRY GOOSEBERRY.

A Gooseberry possessing desirable qualities for table and market has long been a desideratum. The best American varieties have failed to satisfy the requirements, being too small and of poor flavor. The foreign varieties, wherever tried, have either mildewed more or less, or they have made an unsatisfactory growth. Hence a large, handsome sort of good quality has been much sought after. We take pleasure in submitting to the public a variety which we think destined to revolutionize gooseberry culture in this country. Although a foreign sort, it has done admirably for three seasons, being a vigorous grower and an immense yielder, and showing no signs of mildew. The annexed illustration shows the size of the fruit. We confidently recommend it for the garden and market, being unequalled for size, flavor, productiveness and vigorous growth. Color dark red.

25 cts. each; 5 for $1.00; 12 for $2.00.

Small plants of the above can be mailed, but we recommend forwarding by express, as larger plants can be sent.
GOOSEBERRIES.

Treat same as for Currants. 2 year, $2.00 per doz.; $12.00 per 100, except where noted.
Cluster, or American Seeding. Medium; of good size, vigorous and hardy.

Dowling. Large; pale green; soft, juicy, and good for family use.

Houghton's Seeding. Medium; pale red; vigorous.

Hudson. A new variety; of large size, and red color. 75 cts. each; $8.00 per doz.

Smith's Improved. Large; pale green; productive bearer; good for family use or for market.

English Varieties. 22 cts. each; $2.50 per doz.

Add 25 cts. per doz., when ordered to be sent by mail.

COURNANTS.

Currants and Gooseberries should be planted on good soil, which must be kept rich and well worked. Few fruits will so thoroughly repay good and proper treatment. Trim out the old wood as soon as it begins to decline and shorten all the young shoots, to keep the bushes in good shape. Sprinkle ashes around the roots occasionally, to keep the borers away. The currant worm may be destroyed by sprinkling the bushes with powdered white ash. Sprinkle powders after bushes have been cut down. Soil, and, where it has been applied, the fruit should not be used without first being washed.

Black Naples. Vigorous and productive; used for jelly and jams, and highly profitable for market in some sections. 2 years, $1.50 per doz.; $8.00 per 100.

Cherry. Fruit large, bunch small; deep red; acid. 2 years (very fine), $1.50 per doz.; $8.00 per 100.

Fay's Proliific. Too much can scarcely be said in favor of this most valuable fruit. Color rich red; as compared with the Cherry currant, Fay's Proliific is equal in size, better in flavor, contains less acid, and five times as prolific; and from its long, peculiar stem, less expensive to pick. 1 year, 20 cts. each; $2.00 per doz. 2 years, 22 cts. each; $2.50 per doz.

La Versailles. A popular, old variety; bunches large; berries large, bright crimson; fine, vigorous and productive. 2 years very fine, $1.50 per doz.; $8.00 per 100.

Lee's Proliific. A new black variety; about ten days earlier than Black Naples, with large berries; larger, longer bunches, and even more productive than that prolific variety. 2 years, $2.00 per doz.

Red Dutch. Medium size; in large bunches; the old and well-known Currant of the garden; a profitable market variety. 2 years, $1.50 per doz.; $8.00 per 100.

Victoria. Bunches extremely long; berries medium; brilliant red, and of excellent quality; good grower and profuse bearer; a valuable late variety. 2 years very fine, $1.50 per doz.; $8.00 per 100.

White Grape. The best white variety; large, sweet and good; best for the table; a good bearer. 2 years very fine, $1.50 per doz.; $8.00 per 100.

To cultivate the Strawberry for family use, we recommend planting in beds 4 feet wide, with an alley 2 feet wide between each bed. These beds will accommodate 3 rows of plants, which may stand 15 inches apart each way, and the outside row 2 inches from the alley. The beds can be kept clean and easier and the fruit gathered without setting the feet upon them. The ground should be well prepared by trenching or ploughing at least 10 or 12 inches deep, and be enriched with well-rotted manure, ground bone, wood ashes, or any good fertilizer. When the ground freezes in the early winter, cover the entire bed with salt meadow hay to the depth of 1 or 2 inches. If this cannot be had, use straw, which is improved by being cut; corn stalks, long manure, leaves, shavings, or other material that will not pack and smoother the plant, will answer the purpose. In the early spring remove part of the covering, and place as much as possible under the foliage of the plants to keep the fruit clean and the weeds from growing.

Strawberries—Pot-Grown.

Potted plants appear expensive, yet when the labor necessary to grow them into proper condition and the time saved in the result of the crop are considered, they will be found much cheaper than ordinary layer plants; besides there is absolutely no loss in their removal and a crop can be taken from the ground, such as Peas, Beaus, Lettuce, Radishes or other early summer vegetables, before the time of planting, and a crop of fruit secured in 10 months after planting.

Prices quoted in this catalogue are for layer plants grown in the regular way. Pot-grown plants will be ready for delivery after August 1st. Orders booked for plants to be grown especially, which insures the delivery of plants in the best possible condition. Prices for pot-grown plants are from $2.50 to $4.00 per 100, according to variety.

Atlantic. Attractive, glossy color, possessing great keeping qualities. A productive late variety. 75 cts. per doz.; $4.00 per 100; $20.00 per 1,000.

Bidwell. Fine flavor; bright crimson; firm; medium early, and large; hardy and productive. 50 cts. per doz.; $1.50 per 100; $6.00 per 1,000.

Charley Dowling. Flavor good; medium size; valuable for home or near market. 50 cts. per doz.; $1.50 per 100; $6.00 per 1,000.

Crescent Seeding. Very productive; profitable for a near market, but too soft for distant shipment; medium size. 50 cts. per doz.; $1.50 per 100; $6.00 per 1,000.

English Gooseberries should be thinned to prevent Mildew.
Strawberries—Continued.

Cumberland Triumph. Large, light red; regular in form and size, and of fine quality. 50 cts. per doz.; $1.50 per 100; $6.00 per 1,000.

Daniel Boone. Very large, conical with slight neck; clear red; firm and of good quality. 75 cts. per doz.; $1.50 per 100; $10.00 per 1,000.

Glendale. Large; firm; attractive color; rather acid; a prolific bearer. A profitable late variety. 50 cts. per doz.; $1.50 per 100; $6.00 per 1,000.

Jersey Queen. Bright crimson color; very firm; sweet and of large size. An attractive berry and very prolific. 50 cts. per doz.; $1.50 per 100; $6.00 per 1,000.

Kentucky. An old and well tried variety; of fair size and good flavor; a regular bearer; desirable for home use or near market. 50 cts. per doz.; $1.50 per 100; $6.00 per 1,000.

Levening’s White. The best white variety. It is highly perfumed, and of exquisite quality. $1.00 per doz.; $5.00 per 100.

Longfellow. Large; deep crimson; very firm, highly flavored and sweet; a good bearer, and especially desirable for home use. 50 cts. per doz.; $1.50 per 100; $6.00 per 1,000.

Manchester. Large size, bright color; firm; of best flavor. Plants hardy and vigorous, and remarkably productive. 50 cts. per doz.; $1.50 per 100; $6.00 per 1,000.

Monarch of the West. Very large, globular, and of fine flavor. Plant strong, vigorous and productive. 50 cts. per doz.; $1.50 per 100; $6.00 per 1,000.

Mount Vernon, or Kirkwood. Large; light scarlet; fine flavor; a desirable variety for home cultivation. Season late to very late. 50 cts. per doz.; $1.50 per 100; $6.00 per 1,000.

Mrs. Garfield. Large size; bright scarlet color; rich sweet flavor; very productive; ripens early. 50 cts. per doz.; $1.50 per 100; $6.00 per 1,000.

Parry. A new variety of great promise; a rank, vigorous grower; very productive; fruit stalks large and stocky. Berries large; uniform; bright crimson color, and very attractive. Quality best. 50 cts. per doz.; $1.50 per 100; $6.00 per 1,000.

Prince of Berries. Large size; beautiful, brilliant color; fine, firm texture; very fine flavor, resembling, in a remarkable degree, that of the wild strawberry; plant strong, vigorous and healthy. 50 cts. per doz.; $1.50 per 100; $6.00 per 1,000.

Seth Boyden (No. 30). Large; bright crimson; juicy, rich, firm and good; one of the well tried and popular standard varieties. 50 cts. per doz.; $1.50 per 100; $6.00 per 1,000.

Sharpless. Very large; clear red; firm, sweet, and of good quality; somewhat irregular; a rapid and vigorous grower. 50 cts. per doz.; $1.50 per 100; $6.00 per 1,000.

Wilson’s Albany. A once popular variety which is now largely superseded by those of recent introduction. 50 cts. per doz.; $1.50 per 100; $6.00 per 1,000.

Hardy Grapes.

Grapes will flourish and bear abundantly on almost any good, dry soil, especially if the vines are trained against a building. We would emphatically urge all farmers, and others who have barns or buildings, to plant grape vines before them. Many varieties will do well when thus supported and protected, where they are worthless grown on arbors. Nor is it necessary for persons to conclude, because some of the more tender varieties will not grow with them, that they cannot have grapes; because there are kinds adapted to almost every locality, that may be grown on a very cheap and simple arbor, or even on single poles or stakes.

Strong selected 2 year vines. 50 cts. each; $5.00 per doz., except where noted.

Agawam (Rogers’ No. 15). Large; dark red; sweet, sprightly, pleasant aromatic flavor; vigorous and productive.

Bacchus. An excellent black grape; fine flavor and attractive appearance; bunch large. 75 cts. each.

Brighton. In color and form it resembles the Catawba, combining its sprightliness with the richness of the Delaware; vines vigorous, hardy and productive; early.

Catawba. A very late keeper; red, sweet and rich, with pleasant musky flavor. Does best against buildings.

Champion, or Trifolium. A fine large bunch. Berries large to large. Berries large and black. Vines a strong, vigorous grower; healthy, hardy and productive.

Clinton. Small; black. The fruit does not get fully ripe until after frost; it is then very sweet.

Creveling. Black; bunch and berry medium; vine healthy and productive. Ripens with Concord.

Concord. Popular; one of the most profitable and productive of all hardy grapes. Bunch and berry large; black, juicy and sweet; early; hardy. 40 cts. each; $4.00 per doz.

Delaware. Small; light red; skin thin; very juicy, sweet, sprightly, fine flavor. Requires a rich soil and situation on the south side of a building, to succeed well.

Diana. Medium; pale red; sweet, rich and aromatic; late; hardy. Productive when trained against a building.

Iona. Medium; pale red; sweet and sprightly; vigorous and productive.

Lindley (Rogers’ No. 9). Red; juicy, sweet and slightly foxy; resembles the Catawba.

Martha (White Concord). Large; pale yellow; strongly resembles the Concord in all points except color; hardy and vigorous.

Merrimac (Rogers’ No. 19). Large; black; juicy, sweet and good; generally reliable.

Moore's Early. Ripens 10 days earlier than Concord; bunch and berry round and large; black, with a heavy blue bloom; good quality.

Salmon (Rogers’ No. 22). Large; bright reddish brown; fine, rich, aromatic flavor.

Telegraph. Large; black; juicy; sweet, agreeable flavor; early and hardy.

White Lady. Bunch compact and of good size; berry yellowish green; flavor sweet, rich and sprightly.

Wilder (Rogers’ No. 4). One of the best of Rogers’ seedlings; bunch and berry large; black, with a slight bloom; pulp tender, juicy, sweet and rich; vigorous and productive; ripens with Concord.

Worden. A few years earlier than Concord; a larger berry, and a larger and more compact bunch, of black color; hardy and healthy; of fine quality and very desirable.

Newer Varieties of Hardy Grapes.

Duchess. Medium size; greenish white; flesh tender; juicy, sweet, rich, spicy; excellent quality. Medium to large size; compact bunch. Vines a strong, vigorous grower, very productive and hardy; ripens with Concord. 2 year, 50 cts. each; $8.00 per doz.

Early Dawn. Vine healthy, vigorous and very productive; bunch medium to large; berry medium; black; skin thin but firm; flesh tender, juicy, sweet, rich and of very good quality; a valuable early grape. 2 years, 75 cts. each.
**HARDY GRAPES—Continued.**

**El Dorado.** A very beautiful grape; clear, golden yellow; bunch and berry large; flesh tender, juicy, rich, and of best flavor; vine healthy and vigorous; ripens a week or ten days before Concord. 2 years, $1.00 each.

**Excelsior.** Vine moderately vigorous; bunch large to very large; shouldered; moderately compact; berry medium to large; roundish; flesh meaty, tender, rich and sweet, with a fine aromatic flavor; ripens late. 2 years, $1.00 each.

**Jefferson.** Vine very vigorous, hard and productive; bunch very large, often double shouldered, very compact; berries large, roundish oval; light red; juicy, sweet, slightly vinous. 2 years, $1.00 each.

**Jessica.** A new white grape, resembling the Champion in many respects, though of better quality; remarkably early. 2 years, $1.00 each.

**Lady Washington.** Vine healthy and vigorous; bunch large and compact; berry large; beautiful pale yellow, tinged with pink where exposed to the sun; flesh soft, tender, juicy, sweet, and of good quality; ripens a few days after Concord. 2 years, $1.00 each.

**Naomi.** Berry clear, attractive rose color, with thin skin and good flavor; bunch large; vine vigorous and healthy. 2 years, $1.00 each.

**Empire State.** White, fine flavored and productive. Vine vigorous and hardy. 2 years, $1.50 each.

**Niagara.** Vine remarkably hardy and strong grower; bunches very large and very compact; sometimes shouldered; uniform; berries large, or larger than Concord; light greenish white, semi-transparent, slightly ambered in the sun; skin thin, but tough, and does not crack; quality good; has a flavor and aroma peculiarly its own. 1 year, 50 cts.; 2 years, $1.00 each.

**Pocklington.** A seedling of the Concord, resembling that variety in leaf, vine, habit of growth, hardiness and productiveness. Bunch and berry very large; attractive golden yellow color; ripens with Concord. 2 years, 50 cts. each.

**Prentiss.** Bunch large and compact; berry medium to large, of yellowish green color; skin thin, but very firm; sweet, juicy, with a pleasant musky aroma. Vine a good grower, very hardy and productive; inclined to overbear; ripens with the Concord; a remarkably good keeper. 2 years, 50 cts. each; $7.50 per doz.

**Vergennes.** Bunch and berry large, of chocolate color; ripens early, and keeps until midwinter. 2 years, $1.00 each.

**Wyoming.** A decidedly fine, early, red grape; bunch and berry double the size of the Delaware, of same color, and resembles it in flavor; ripens 10 days before the Concord. 2 years, $1.00 each.

**FOREIGN GRAPE VINES.**

For Growing Under Glass in Hot or Cold Vineries.

The following list comprises only the best varieties for general use. The vines are all of the best quality, extra fine and strong, and are certain to give satisfaction.

1 year, in 6 inch pots, $1.00 each; 2 years, in 10 inch pots, $2.00 each.

**For Warm or Cool Vineries.**

Black or Purple Grapes.

**Black Prince.**

Madresfield Court Muscat.

Black Hamburg.

Muscad "

Victoria "

Froghmore, St. Peter's.

Hamburg, Tripoli.

Trentham Black.

White and Yellow Grapes.

Buckland's Sweetwater

Calabrian Raisin

Chasselas de Fontainebleau.

Golden Hamburg.

Chasselas White

Santa Cruz

White Frontignan.

" Nice.

" Sweetwater.

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*The Grape Vines we offer are strong, two year old, and in the best possible condition.*
BIRD SEEDS AND POULTRY SUPPLIES.

The Bird Seeds we offer have all been re-cleaned, and are of the very best quality, free from must and other impurities that are injurious to the health of birds.

**Mixed Bird Seed.** For Canaries, etc. Qt. 20 cts.

**Canary** (*Phalaris canariensis*). Sicily, for Canaries. Qt. 20 cts.

**Hemp** (*Cannabis sativa*). Russian, for Parrots, etc. Qt. 15 cts.

**Millet** (* Panicum miliaceum*). American, for Canaries, Sparrows, etc. Qt. 15 cts.

**Rape** (*Brassica napus*). English, or Winter, for Canaries, Linnets, etc. Qt. 25 cts.

**Rough Rice** (*Oryza sativa*). Unhulled, for Java Sparrows, etc. Qt. 25 cts.

**Wild Rice** (*Zizania aquatica*). For sowing in marshy places; it produces an abundance of seed which is greedily eaten by wild fowl. Lb. 25 cts. Postpaid 40 cts.

**Maw Seed** (*Papaver rhoas*). For young and sick birds during moulting. Oz. 10 cts., lb. 25 cts.

**Bird Lettuce Seed** (*Lactuca sativa*). For young, sick, and moulting birds. Oz. 10 cts., lb. 60 cts.

**Cuttle Fish Bone.** For birds to pick at, and sharpen their bills, etc. Oz. 10 cts., lb. 60 cts.

**Mocking Bird Food.** Prepared expressly for soft-billed birds. (By mail 65 cts. per bottle.) Per doz. bottles, $3.50; bottle, 40 cts.

**POULTRY FOOD.**

**Imperial.** Very useful for making hens lay winter and summer; it supports them during moulting, and keeps the fowls in the best condition. It is estimated that one-half of the chickens and turkeys hatched annually die before reaching maturity. It supplies all the needed material for forming bones, muscles and feathers; it strengthens the digestive organs and makes the fowls healthy and more profitable. 1 lb. pkg. 50 cts.; by mail 65 cts.; 2 lb. pkg. $1.00; by mail $1.40; 5 lb. pkg. by express $2.00; 25 lb. keg by express $6.50.

**Royal.** Supplies all the needed material for forming bone, muscle and feathers, strengthens the digestive organs, and makes vigorous, healthy and profitable fowls. It is a tonic as well as an egg food. For 15 to 20 fowls stir in their food about two tablespoonfuls mixed with a little water, and feed every day. For Young Chicks and Turkeys mix half the quantity and feed every other day.

8½ cts. per lb. in 10 lb. bag; or 2 lb. pkg. 20 cts.

**Prepared Oyster Shells for Poultry.** Manufactured from shells in a pure condition. The lime contained in the shells assists in the formation of the egg, and contributes to the general health of the fowls. A handful to five fowls daily will be found valuable at all seasons of the year. Five lbs. 20 cts., 25 lbs. 65 cts., 50 lbs. $1.00, 100 lbs. $2.00, bbl., 320 lbs., $4.00.

**Corse Ground Bone.** The use of ground bone is rapidly extending among poultry raisers; it tends to keep the fowls in good health and materially aids laying hens. 5 lb. pkg. 25 cts.; 200 lb. bag $5.00.

SUNDRIES.

**Bird Boxes.** For nailing to walls or hanging in trees. 35 to 50 cts. each.

**Portable Fountains.** For poultry. Cannot be overturned and avoids the drowning of young chickens. 50 cts., 75 cts., and $1.00 each.

**Canary Bird Powder, or Song Restorer.** An invigorating tonic and restorative for Canaries, Goldfinches, Linnets, and all seed-eating birds. This preparation will in every case restore their natural notes to birds that have lost their song from cold or moulting. (By mail 30 cts.) Per box, 25 cts.

**Bird Lice Destroyer.** Non-poisonous, simple, and effective. Put up in Bellows Boxes, which facilitate its application. (By mail 30 cts.) Per box, 25 cts.

**Medicated Nest Eggs.** Each 5 cts., per doz. 50 cts.; by mail 10 cts.; per doz. 85 cts.

**Porcelain Nest Eggs.** Each 5 cts., per doz. 50 cts.; by mail 10 cts.; per doz. 85 cts.

**White Bird Sand.** Washed and prepared for birds. Qt. 5 cts. (Not mailable.)

**Red Bird Sand.** Washed and prepared for birds. Qt. 5 cts. (Not mailable.)

Hand Bone and Oyster Shell Mill.

No. 1, without legs, $5.00.

No. 1, with legs, $7.00.

Remit for postage on Bird Seeds, etc., 15 cts. per lb., and 30 cts. per qt. or fraction thereof, when ordered to be sent by mail.
### GARDEN AND FARM IMPLEMENTS

Of leading English and American manufacture, made from best material and newest patterns.

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<td>Axe, handled, medium</td>
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<td>Plow, Bateman's Hand</td>
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<td>“ “ Small</td>
<td>1.00</td>
<td>Rakes, Solid Steel Gatherer</td>
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<td>Bellows, Atomizer for liquid or powder</td>
<td>$1.75</td>
<td>Solid Steel Garden, 6 teeth, 35 cts.; 7 teeth, 40 cts.; 8 teeth, 45 cts.; 9 teeth, 55 cts.; 10 teeth, 65 cts.; 14 teeth, 55 cts.; 16 teeth, 75 cts.</td>
<td>0.75</td>
</tr>
<tr>
<td>Syringe, for liquid</td>
<td>3.00</td>
<td>Wrought Iron Garden, 12 teeth, 70 cts.; 14 teeth, 80 cts.; 16 teeth, 90 cts.</td>
<td>0.90</td>
</tr>
<tr>
<td>Bill Hook</td>
<td>1.30</td>
<td>Doek Ears, for Lifter</td>
<td>2.00</td>
</tr>
<tr>
<td>Brush 1/4</td>
<td>1.00</td>
<td>Daisy Grub, or Lifter, Small, 75 cts., Large</td>
<td>1.25</td>
</tr>
<tr>
<td>Bell Lend, Lytle</td>
<td>0.75</td>
<td>Fruit and Flower Gatherer, English, Small, $1.00; Medium, $1.50; Large, <strong>Plain, 85 cts.</strong></td>
<td>1.00</td>
</tr>
<tr>
<td>Crowbars, Steel, 12 to 20 lbs.</td>
<td>Per lb.</td>
<td>Fruit and Flower Gatherer, American</td>
<td>2.00</td>
</tr>
<tr>
<td>Dibble, Improved</td>
<td>0.75</td>
<td>Fruit Picker</td>
<td>0.75</td>
</tr>
<tr>
<td>Doek Ears, for Lifter</td>
<td>2.00</td>
<td>Fruit Picker, Crider's Adjustable</td>
<td>0.75</td>
</tr>
<tr>
<td>Daisy Grub, or Lifter</td>
<td>1.25</td>
<td>Fruit Picker, <strong>Boss</strong></td>
<td>1.00</td>
</tr>
<tr>
<td>Floral Sets, or Garden Fids</td>
<td>1.00</td>
<td>Fumigators</td>
<td>See page 133</td>
</tr>
<tr>
<td>“ “ “</td>
<td>1.00</td>
<td>Garden Reels, Iron painted</td>
<td>$1.00 and 0.25</td>
</tr>
<tr>
<td>Garden Reels, extra heavy, galvanized</td>
<td>1.50</td>
<td>Garden Reels, extra heavy, galvanized</td>
<td>3.00</td>
</tr>
<tr>
<td>Garden Lines, best Italian flax</td>
<td>3.00</td>
<td>Gooseberry Pruner, for thorny bushes</td>
<td>1.25</td>
</tr>
<tr>
<td>Grass Edger, Philadelphia</td>
<td>1.50</td>
<td>Grass Hook, or Sickle, English</td>
<td>Riveted back. No. 0, 50 cts.; No. 1, 60 cts.; No. 2, 70 cts.; No. 3, 80 cts.</td>
</tr>
<tr>
<td>Grass Hooks, American Plain Back</td>
<td>3.50</td>
<td>Grass Hooks, Dutch, Steel</td>
<td>50</td>
</tr>
<tr>
<td>2</td>
<td>0.20</td>
<td>Hoe</td>
<td>1.25</td>
</tr>
<tr>
<td>10 Celery, 14 inch</td>
<td>2.00</td>
<td>Grubbing, or Mattock</td>
<td>1.50</td>
</tr>
<tr>
<td>19 Dutch, or Seuffle, 4 in., 40 cts.; 5 in., 50 cts.; 6 in., 60 cts.; 7 in., 65 cts.; 8 in., 70 cts.; 9 in., 85 cts.</td>
<td>0.90</td>
<td>Lyman's Adjustable</td>
<td>0.25</td>
</tr>
<tr>
<td>23 Garden, with sharp point</td>
<td>0.40</td>
<td>Hexamer's Improved, 6 prongs</td>
<td>1.25</td>
</tr>
<tr>
<td>3 Half Moon, solid socket, 3 in., 55 cts.; 4 in., 45 cts.; 5 in., 50 cts.</td>
<td>0.90</td>
<td>Lyman's Adjustable</td>
<td>0.25</td>
</tr>
<tr>
<td>4 Square, solid socket, 6 in., 70 cts.; 7 in., 80 cts.</td>
<td>0.60</td>
<td>HEXAMER'S IMPROVED, 6 PRONGS</td>
<td>1.25</td>
</tr>
<tr>
<td>49 Warring, other makes</td>
<td>0.75</td>
<td>Hexamer's Improved</td>
<td>1.25</td>
</tr>
<tr>
<td>50 Weeding Hoe and Rake</td>
<td>0.75</td>
<td>Hoe</td>
<td>1.25</td>
</tr>
<tr>
<td>5 Weeding Hoe and Rake, 6 teeth</td>
<td>0.75</td>
<td>Knives, Sayer's Pruning, the best. No. 1, $1.25; No. 2, $1.25; No. 3, $1.25</td>
<td>1.75</td>
</tr>
<tr>
<td>50 Asparagus, 14 in., long, plain</td>
<td>0.40</td>
<td>Pruning, other makes, 75 cts.</td>
<td>1.00</td>
</tr>
<tr>
<td>37 Knives, Sayer's Pruning</td>
<td>1.75</td>
<td>Sayer's Budding</td>
<td>1.25</td>
</tr>
<tr>
<td>41 <strong>Pruning, other makes, 75 cts.</strong></td>
<td>1.00</td>
<td>Sweeper, new</td>
<td>0.75</td>
</tr>
<tr>
<td>42 <strong>Pruning and Budding combined</strong></td>
<td>0.25</td>
<td>Sweeper, new</td>
<td>0.75</td>
</tr>
<tr>
<td>43 Grass Edging, 8 in., $1.25; 9 in., $1.50; 10 in.</td>
<td>1.75</td>
<td>Corn, for cutting corn stalks</td>
<td>0.30</td>
</tr>
<tr>
<td>5 Pick, Railroad, handled</td>
<td>1.25</td>
<td>Pickaxe</td>
<td>1.25</td>
</tr>
<tr>
<td>11,12 Long Handle, for thistles and docks</td>
<td>0.60</td>
<td>Long Handle, in.</td>
<td>0.75</td>
</tr>
<tr>
<td>7</td>
<td>0.75</td>
<td>Long Handle, for thistles and docks</td>
<td>0.75</td>
</tr>
<tr>
<td>11 Thermometers, Tin, Japaned, 7 in.</td>
<td>0.35</td>
<td>Hot Bed or Dairy</td>
<td>0.40</td>
</tr>
<tr>
<td>28 <strong>English Gardening, will last over several of the American, 6 in., $1.00; 7 in., $1.15; 8 in.,</strong></td>
<td>1.30</td>
<td>Registering, maximum or minimum</td>
<td>0.50</td>
</tr>
<tr>
<td>9 Trowels, American Garden, polished, 5 in., 12 cts.; 6 in., 15 cts.; 7 in., 20 cts.; 8 in., 25 cts.</td>
<td>0.95</td>
<td>Trowels, Short Handle</td>
<td>0.75</td>
</tr>
<tr>
<td>7 Weeder, Excelsior, postpaid</td>
<td>0.25</td>
<td>Trowels, Short Handle</td>
<td>0.75</td>
</tr>
<tr>
<td>18 Gem, postpaid</td>
<td>0.30</td>
<td>Trowels, Short Handle</td>
<td>0.75</td>
</tr>
<tr>
<td>30 Hazeline, postpaid</td>
<td>0.25</td>
<td>Long, postpaid</td>
<td>0.25</td>
</tr>
</tbody>
</table>
LAWN MOWERS.

The Pennsylvania Hand Lawn Mowers. Pronounced excellent in all respects by those who have used them. They have the open cylinder and solid Cast-Steel Knives, which are hardened and tempered in oil, and seldom require sharpening. By their peculiar construction and having the rear cut they cut the grass more smoothly, run easier, cut longer grass, and require less repairs than any other machine. They are thoroughly and substantially built; the knives are self-sharpening, and, owing to their extreme toughness and perfect temper, will pass through more obstructions, with less injury, than those of any other machine made. Almost noiseless in operation. We do not hesitate to recommend them for all kinds of work.

10 inch, weight 30 lbs. $7.00; 14 inch, weight 36 lbs. $9.00; 18 inch, weight 41 lbs. $11.00.

Pennsylvania New High Wheel Lawn Mower. These are the best mowers for cutting high grass, and are particularly adapted for large lawns, cemeteries and rough grounds. Will cut grass when 6 to 10 inches high.

Height of Wheel, 10½ inches; diameter of Cylinder, 4½ inches.

12 inch, weight 48 lbs. $12.00; 19 inch, weight 54 lbs. $14.50.

The Quaker City Lawn Mower. This machine is made of good material by the manufacturers of the Pennsylvania; but as it is of the central cut pattern, it can be made at less cost.

10 inch, $6.00; 12 inch, $7.00; 14 inch, $8.00; 16 inch, $9.00.

Continental Hand Lawn Mower. These machines have been thoroughly tested and have proved satisfactory. They are double-gear, have long bearings, run at a high rate of speed, and are made in a superior manner. They run very lightly, and will cut high grass with ease.

Low wheel...10-inch cut, weighs 30 lbs. $7.50.
   " 12 " " " " 32 " " 8.50.
   " 14 " " " " 35 " " 9.50.
   " 16 " " " " 37 " " 10.50.
   " 18 " " " " 38 " " 11.50.
   " High wheel...15 " " " " 46 " " 12.50.
   " 17 " " " " 48 " " 13.50.
   " 19 " " " " 50 " " 14.50.
   " 21 " " " " 57 " " 17.00.

Continental Hand Lawn Mower. New open wiper pattern. An improvement on the old style closed wiper, as they run quieter, smoother and do better work.

14 inch, weighs 33 lbs., $8.00; 16 inch, weighs 34 lbs., $10.00; 18 inch, weighs 36 lbs., $11.00.

Pennsylvania Horse Lawn Mower. This machine is made wholly of iron and steel, with the bearing neatly boxed. It has an open cylinder, and all the bearings, including the knives, are made of solid cast steel. It is thoroughly and substantially built, and will give satisfaction. Width of cut, 30 inches. Weight, 320 lbs.

With draft iron only...$72.00; With shafts and seat...$78.00.

With draft iron and seat... 76.00; With shafts, seat and draft iron... 79.00.

The draft irons are for use either with or without the shafts, to enable the horse to draw the machine without treading on the uncut grass. We recommend the mower with draft irons only.

Pennsylvania Horse Lawn Mower. Solid cylinder, 30 inch cut, draft irons only, $87.50.

Philadelphia Horse Lawn Mower. 30-inch machine, with draft rod, $67.50. With shafts and seat in addition, $80.00.

36-inch machine, with seat, shafts, and handles, $170.00.

Philadelphia Lawn Sweeper. A simple machine for cleaning the lawn. A driving roller gives motion to a revolving brush placed directly in front, causing it to sweep the sod clean and throw the sweepings backward from the top of the brush into a large box in the rear of the roller. In the horse machines this box can be dumped without stopping.

Hand Machine sweeps 24 inches wide...$16.50.

Horse... 40.... $60.00.

Lawn Mower Oil. An oil specially adapted for use on Lawn Mowers. Will not gum. Per qt., 50 cts.; per gal., $1.50. Oil containing one pint, 55 cts.

Horse Boots. For use on Lawn. They are made of strong leather, fastened with copper rivets, and will wear a long time. Per set of 4, $12.00. Sewed instead of riveted, per set, $10.00.
FARM AND GARDEN TOOLS.

A. H. Mathews' New Vegetable Seed Drill. This is the most perfect Seed Drill in use. It may be used in either field or garden. It opens the furrow, drops the seed evenly at the required depth, covers it lightly, rolls the earth over the seed, marks the next row, all with the utmost precision. It is thoroughly made, and warrantee to sow, with evenness and regularity, all the different varieties of vegetable seeds. One of the most valuable improvements, possessed by no other drill, is a convenient shut-off, arranged to stop the flow of the seed at any point. $10.00.

A. H. Mathews' Little Gem Seed Drill. This Drill was designed for farmers and small gardeners, who have long felt the need of a low-priced, reliable Seed Drill. The "Little Gem" will make the drill, drop and cover all the seeds, such as Turnip, Carrot, Sage, Spinach, Onion, Parsnip, Beet, etc., and mark the next row as perfectly as the best $10.00 Drills. Weighs only 20 pounds. $3.50.

THE MODEL DRILL.
The Index or Indicator is plain, convenient and reliable. It is placed in open sight and can be quickly adjusted to the slightest variation. The names of the principal seeds are plainly shown on the Index. The flow of seed can be instantly stopped by a swinging cut-off, which prevents all loss of seed at the end of rows. Its swinging or gravity form will be found preferable to slides, as it cannot be jammed by falling seed. The marker is simple, easily adjusted and firmly held. The main wheel is of large size and of sufficient width to prevent its sinking into soft earth. The covering roller is attached by swinging frame, enabling the operator to roll lightly or otherwise, by varying the pressure on handles.

Price, $10.00.

Lee's Iron Frame Hand Wheel Hoe.
Light, simple, strong, and easily worked. The teeth and hoes can be used separately or combined. The hoes are of different widths. $5.00.

GARDEN AND FARM WHEELBARROW.

No. 2. Jacob's Pat. Wheel...............................$4.00
No. 3. " " "................................. 4.25
No. 4. " " "................................. 4.75
No. 5. " Steel Wheel................................. 5.00
Canal Barrows, Wood Body.............................. 2.50
   " Iron ........................................ 5.00

The Planet Jr. Combined Drill, Cultivator and Plow.
Suitable for the farm or garden. It holds one quart of seed, has a finely adjustable Spring, Brass Seed Reservoir, an Adjustable Plow, new Seed Index, two Hoes, three Cultivator Teeth and two Covering Rakes. It opens furrows, covers hills, plows to and from the plants, works safely and closely to both sides of the row at once. $12.00.

The Planet Jr. No. 2 Drill.
It has an adjustable opening Plow. No hoeing attachments. It will sow with ease and accuracy. Holds 2 quarts. $10.00.

Gem Single Wheel Hoe and Cultivator.
Five steel teeth, two scuffle hoes, and two plows, one right and the other left hand. The hoes, etc., can be set in any position. Wheel and handles. $5.00.

Gem Double Wheel Hoe and Cultivator.
Same as above, except that it has two wheels, which allow it to work both sides at once. $6.00.
FARM AND GARDEN TOOLS.

The "Fire-Fl y" Single Wheel Hoe, Cultivator and Plow Combined. This implement has a great variety of adjustments, and can be set to work to and from the rows to any desired depth. $4.50.

The "Fire-Fl y" Hand Wheel Garden Plow has a polished steel mould-board and eyes for attaching a rope in plowing double depth in the spring. It opens furrows for peas, beans, corn, potatoes, etc., and neatly covers them. $5.00.

The Planet Jr. Double Wheel Hoe, Cultivator and Plow. Has two hoe, four cultivator teeth, two rakes and two plows. Will do the work of six to ten men with the common hand hoes among market garden and root crops. Is especially adapted to onion culture; light, firm, strong, quickly set and easily managed. All the blades are tempered and polished steel. The hoes cut from 6 to 18 inches wide. $8.00.

The Planet Jr. Single Wheel Hoe. Combines extreme lightness and strength. It has one pair of hoes, three cultivator teeth, two rakes and a plow. $6.00.

The "Jewel" is capable of being quickly adjusted in depth or width of working or height of handles. As shown in cut it is provided with four slender stirring teeth, each one made of one piece of steel, unexcelled for thorough work, especially in hard soil; one pair of curved side hoes, particularly intended for use among small plants; also, a pair of plows for throwing to or from the row, or for opening furrows. The standards of these hoes and plows are of malleable and wrought iron. $6.00.

Convex Potato Knife.

Cut a thin slice from center of potato, hold up to light and use in compost as in small cut.

For cutting seed potatoes. This is undoubtedly the best knife for the purpose. 25 cts. each; postpaid 30 cts.

Planet Jr. Horse Cultivator.

As a Coverer, with Leveling and Fulvering Rake,
Plain Cultivator, with steel standards, including attachments, as shown above, $9.75.

Plain Cultivator, with steel standards, including attachments, as shown above, $7.50.

Iron Age Horse Cultivator.

Plain Cultivator....... $4.00
Plain Cultivator, with hoeing attachments as above $5.50
Cultivator, with hoeing attachments, wheel and leveler......$7.00
Complete Cultivator, with hoeing attachments, wheel, leveler and set narrow weeding teeth $8.00
Price of separate attachments.
Wheel $1.00
Leveker 1.00
Weeder 1.35

Scratch Harrow.

One horse $7.00
Two $11.00

Spike-Tooth Expanding Harrow.

Can be regulated to cultivate between rows of different widths, $4.50.

Diamond Point Expanding Harrow.

Teeth set at an angle like a plow point; an excellent implement for leveling or cultivating, as it does not make ridges. $5.00.

Evans' Harrow.

One of the very best tools for private or market gardens. The harrows are provided with runners so they can be easily moved without tearing up walks or roads. 24 tooth, $6.00; 30 tooth, $7.00.
**Plows.**

*Advance Chilled,* One Horse............ $4.75
Two " " 12.00
*Syrenee* " " " 14.00
" One " " 6.00
*Hill-side,* the lightest swivel plow,
One Horse, with wheel............ 8.00
Two " " " " 15.00

**Syrenee Chilled Plow.**

*Woolen Beam.*
No. 7, Medium, Two Horse............ $14.00
" 9, Light, " " 14.00
*Iron Beam.*
No. 2, Medium, Two Horse............ $14.00
" 1, " " 7.00

**Potato Digger.**

*Planet Jr.,* $12.00.
*Hall's Pat.,* $15.00.

**Subsoil Plow.**

*Pittsburgh,* One Horse............ $6.00
Two " " 12.00

**Hand and Power Corn Shellers.**

*Pony,* one hole with fan, $12.00.
*Keystone,* two hole with fan, $22.00.
*Kiger,* two hole, $25.00.
*The Pet,* $8.00.

**Hay, Straw and Corn Stalk Cutters.**

*Belle City,* No. 5, $18.00.
" No. 6, $28.00.
" No. 4, $38.00.
*Ross Hay Cutter............ $14.00
*Telegraph Hay Cutter............ 12.00

**Root Cutter.**

*No. 1, Clark's,* $10.00.
*No. 2, Clark's,* $14.00.

**Hand Bone and Oyster Shell Mill.**

*No. 1, without legs,* $5.00.
" No. 1, with legs, $7.00.

**Wrought Iron Lawn and Field Roller.**

These Rollers are all made of the best wrought iron, and filled with concrete to give them additional weight, and are preferable to cast iron, as they are not so liable to break.

- 24 inches diam., 50 inches long, weight about 450 lbs., $40.00.
- 28 inches diam., 50 inches long, weight about 550 lbs., $45.00.
- With sections loaded for road and lawn purposes.

- 24 inches diam., 50 inches long, weight about 700 lbs., $45.00.
- 28 inches diam., 50 inches long, weight about 900 lbs., $48.00.

**Wrought Iron Garden and Lawn Roller.**

Made of the best wrought iron, and filled with concrete to give them additional weight.

- 10 inches diam., 13 inches long, weight about 130 lbs., $8.00.
- 12 inches diam., 18 inches long, weight about 200 lbs., $10.00.
- 14 inches diam., 21 inches long, weight about 300 lbs., $12.00.
- 16 inches diam., 24 inches long, weight about 400 lbs., $15.00.

We also have Field and Lawn Cast Iron Sectional Rollers. Prices furnished on application.

**Horse Radish Grater.**

Will grate 15 lbs. per hour.
Box Pattern, $8.00.
New York Pattern, $11.00.

**Grindstone.**

*No. 1 Stone, 24 in. diam.,* $3.50.
*No. 2 Stone, 20 in. diam.,* $3.00.
*No. 3 Stone, 18 in. diam.,* $4.50.

**Perfect Milk Pail and Stool.**

The milker sits on top of the pail while milking.

One size only, $2.25.

**Wire Sieves.**

We can supply any size mesh from No. 1 to 50.
- 20 inch diameter, extra heavy.... $1.00.
- 18 inch diameter, extra heavy.... 90 cents.
- 20 inch diameter, medium..... 65 "

**Silver Milking Tube.**

Made of coin silver. By pushing the slide up or down, the length can be changed. Regular size, $4 inches in length. 50 cents each.

**Small's Calf Feeder.**

Thoroughly made, perfect in construction, and answers the purpose. $2.50.

**Cahoon Broadcast Seed Sower.**

Will sow any kind of grain or grass seed. Hand Machine, $4. Power Machine, $18.00.

**Hand Water Truck and Barrel.**

An indispensable article for farmers and gardeners who have water to carry. The weight is raised easily and balanced over the axle, so that no lifting or down pressure is needed in moving it. Also has a sprinkling attachment.

Water Truck and Barrel, 13 inch tires, $14.00.
Water Truck and Barrel, 21 inch tires, $18.00.

Sprinkling attachment, extra, $3.00.
Box for carrying stones, earth, etc., extra, $3.50.
AMERICAN IMPROVED BRASS GARDEN SYRINGES.

Of various sizes and patterns, for the conservatory, greenhouse, garden, etc., fitted with caps or roses for ejecting water in one stream, or in a fine or coarse spray. They are heavily made and of the best material and workmanship.

No. AA. Very small, with one fine spray rose, 74 inches long and 1/4 inch diameter. $1.25.

No. A. Polished, with one stream and spray rose, 12 inches long and 1 inch diameter; used for whale oil soap, etc. $2.25.

No. C. Polished, with one stream and spray rose, 14 inches long and 1 1/2 inches diameter. For whale oil soap, etc. $3.50.

No. O. Polished, with one stream and spray rose, 12 inches long, 1 inch diameter; Handle. $1.75.

No. 2. With one stream and two roses, 13 inches long and 1 1/2 inches diameter. $4.00.

No. 3. With one stream and two roses, 18 inches long and 1 1/2 inches diameter (best plate valve). $6.00.

No. 5. With one stream and two roses, 18 inches long and 1 1/2 inches diameter (ball valve). $6.50.

No. 7. Knuckle-joint, which can be turned in any direction, with one stream and two roses, 18 inches long and 1 1/2 inch diameter (ball valve). $9.00.

No. 8. Best conical valve, with cross handle and one spray rose, 10 inches long, 1 1/2 inch diameter. $5.50.

No. 10. Conical valve, two spray roses and jet, 18 inches long, 1 1/2 inch diameter. $4.50.

No. 11. Two spray roses and jet, 18 inches long, 1 1/2 inch diameter. $4.00.

No. 12. Two spray roses and jet, 14 inches long, 1 inch diameter. $2.75.

No. 13. Two, jizkinned, improved ball valve, for whale oil soap, etc., for garden use, 14 inches long, 2 inches diameter. $1.00.

Lewis' brass syringe, spray only, 20 inches long, 1 3/4 inch diameter. $1.75.

Lewis' zinc syringe, spray only, 20 inches long, 1 3/4 inch diameter. $1.25.

IMPORTED BRASS SYRINGES.

Good material and workmanship, and adapted to the uses for which they are made.

703. Read's Patent. Ball valve. 2 roses and jet. 18 inches long, 1 1/2 inches diameter. $4.00.

706. Gardener's. 2 roses and jet. $3.00.

709. Ladies' Garden. 2 roses and jet. $2.25.

American Round Watering Pot.

4 qt. Light. $0.85
4 qt. Heavy. $2.00
6 " 1.25
6 " 2.25
8 " 1.50
8 " 3.00
12 " 2.00
12 " 3.50
16 " 2.75
16 " 4.00

Rubber Hose.

Best 3-ply 3/4 inch Rubber Hose: 10, 12, 15, 18, 20 and 25 cents per foot, according to quality. Price for other sizes on application.

Hose Nozzles.

For throwing either fine or coarse spray, or straight stream.

Gem ................................ 8.75
Magic ............................... 1.00
Hallowell (nickel) .......... 1.00
Ross (nickel) ................. 1.00
Branch Pipes, 50 and 75 cts.

Hose Reels.

Excelsior, No. 1 .................... $2.75
" No. 2 .......................... 3.25
Acme .............................. 2.50
Gem ............................ 1.50
Peerless, No. 1 .................. 2.25
" No. 2 .......................... 2.75

Hose Menders.

Each. Doz.
Hickman's, 3/4 inch ...... 20 $2.00
" 3/4 inch .................. 25 2.50
White Metal, 3/4 inch .... 10 1.00
Woodason, 3/4 inch ....... 8 .75

Denklin's Double Action Fountain Pump.

No. 3. Of brass, and well-made. Will throw a continuous stream 20 to 30 feet. $5.00.

American Improved Brass Garden Syringes.
**Perfection Lawn Sprinkler.** A small revolving lawn and garden sprinkler. The bearings and working parts are of brass, Screw to the hose and put the pin in the ground. $1.00; by mail, $1.25.

**Globe Revolving Lawn Sprinkler.** Made entirely of brass, and one of the most durable and effective. $1.25; by mail, $1.40.

**Goldman's Atomizer and Plant Sprinkler.** Is just the thing for sprinkling flowers and house plants, disinfecting and deodorizing rooms and sprinkling clothes. By its use water can be thrown on the underside of the foliage as well as the top. 35 cts.; by mail, 40 cts.

**Greenhouse Force and Lift Pump.** Will throw a stream 75 feet. $8.00.

**Excelsior Force Pump.** Compact, portable; can be used for a variety of purposes. $7.50.

**Aquarius Force Pump.** One of the best of the small hand or greenhouse pumps. Excellent for spraying roses, etc. $8.00.

**The Eureka Fumigator (Galvanized).** An efficient apparatus for the fumigation of Greenhouses, Conservatories, Frames, Hospitals, Ships, Poultry-houses, or Rooms. It is of simple construction, and not liable to get out of order. When once lit it is self-acting, and may be left in the house with perfect safety; as flaring is an impossibility, all the material is completely consumed without waste and gives off a dense smoke. Made of extra heavy sheet iron.

No. 1. Height 12 in., diam. at top, 5 in. For a house 10x20 ft. Holds 2 peck of stems. $1.50.

No. 2. Height 16 in., diam. at top, 7 in. For a house 12x20 ft. Holds 1 peck of stems. $2.50.

No. 3. Height 20 in., diam. at top, 9 in. For a house 15x100 ft. Holds 1 bushel stems. $3.00.

No. 4. Height 24 in., diam. at top, 12 in. For a house 20x100 ft. Holds 2 bushel of stems. $4.00.

**Perfection Mole Traps.** Considered by many the most perfect trap on the market. seldom fails to catch the mole, $2.50 each.

**Olmsted's Mole Trap.** Operated either by a spring or weight, or both. $1.50.

**Hale's Mole Trap.** The best trap, and has given universal satisfaction. $2.00.

**BELL GLASSES.** Indispensable for propagating. They will be found extremely useful for the house, as by their use many cuttings can be rooted and seeds started which otherwise would be lost.

3 in., 25 cts. each. $2.50 per doz.

5 " 35 " 3.25 "

7 " 40 " 4.00 "

**Asparagus Buncher.** With Walnut Frame, $2.00.

**Insect Powder Bellows.** Single Cone, $1.00. WOODASON Double Cone, $3.50. WOODASON Atomizer, $2. Philadelphia, $1.50.

**English Mole Trap.** Made entirely of wrought iron, 30 cts. By mail, 40 cts.

**German Pruning Shears.** No. 5. Steel blades, coiled steel spring, which cannot drop out. 8 inch, $1.25; 9 inch, $1.50. German Hedge Shears. A good low-priced shear. 7 inch, $1.75; 9 inch, $2.25; 10 inch, $2.50; 12 inch, $3.00.

**German Pruning Shears.** No. 5. Made entirely of steel, and adapted to light or heavy pruning; requires little labor, and makes a smooth cut. 7 inch, $2.25; 8 inch, $2.75; 9 inch, $3.00.

**English Rose Pruning Shears.** No. 4. Wrought-iron handles, steel blade and spring. A good tool, $2.50.

**Pruning Gloves.** Made of extra heavy buckskin, $1.00 to $2.00 per pair.

**Waters' Improved Tree Pruner.** The hook encircles the limb. The blade being supported on both sides, enables it to be made very thin, making an easier and smoother cut. By mail, 30 cts.

**Lee's New Pole Tree Pruner.** Hook and blade same as the Waters. Can be placed on a pole of any length; is made entirely of wrought iron and steel, reliable in every respect. $2.00. Extra blade by mail, 30 cts.

**Diston's Little Giant Pruner.** $1.50.

**Pruner and Saw.** $2.00.
**MISCELLANEOUS USEFUL ARTICLES.**

**Round Lily Pans.**

<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>8 inches diameter; 4 in. deep</td>
<td>50</td>
<td>2.00</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td>2.20</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td></td>
<td>2.40</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td></td>
<td>2.50</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td></td>
<td>2.80</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td></td>
<td>3.00</td>
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</table>

Barrels charged 15 cts. extra.

**TAPERING PLANT AND DAHLIA STICKS.**

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>1 ft. painted green</td>
<td>200</td>
<td>5.00</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>6.00</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>7.00</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>8.00</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>9.00</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>10.00</td>
<td></td>
</tr>
</tbody>
</table>

**Painted Pot Labels.**

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
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</thead>
<tbody>
<tr>
<td>100, 1000</td>
<td>100, 1000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>33 inch</td>
<td>$0.15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>$0.18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>$0.20</td>
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</table>

**Painted Tree Labels.**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>34 inch.</td>
<td>$0.10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>$0.12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>$0.15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>$0.20</td>
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</tbody>
</table>

**Zine Tree Labels.**

<table>
<thead>
<tr>
<th>Size</th>
<th>Doz.</th>
<th>Each.</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 in.</td>
<td>$0.30</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>$0.40</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>$0.60</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>$0.75</td>
<td></td>
</tr>
</tbody>
</table>

**Extra Heavy Flower Pots.**

<table>
<thead>
<tr>
<th>Size</th>
<th>Doz.</th>
<th>Each.</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 in.</td>
<td>$0.50</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>$0.60</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>$0.75</td>
<td></td>
</tr>
</tbody>
</table>

**Pot Stands or Saucers.**

<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>$1.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>$1.50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>$3.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>$4.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>$5.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>$6.00</td>
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</tbody>
</table>

**Improved White Cedar Tree Tabs.**

Made of white cedar and bound with extra heavy iron hoops. Drop-handles of special pattern, serving as hooks for corry-poles. Substantial iron legs of original design. Removable perforated bottom. Painted green outside and brown inside.

If painted red add 10 per cent.

**STANDS.**

**1.15**

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Per doz.</th>
<th>Per 100.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>$1.10</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>$2.25</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>$3.00</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>$3.75</td>
<td></td>
</tr>
</tbody>
</table>

**Fern Dishes.**

Each 50 cts, $1.25 and $1.50.

**Hanging Pots.**

Each 25 cts, 50 cts, 75 cts, and $1.00.

**MISCELLANEOUS USEFUL ARTICLES.**

**PLANT STANDS, BASKETS, ETC.**

**Wooden.** Neatly made and painted green, 4 shelves, $4.00; 5 shelves, $4.90.

**Wooden, Ash.** Varished, 3 shelves, $1.25; 4 shelves, $1.50.

**Wire.** Light and durable, with castors; half-round, 3 shelves, $4.00.

**Hanging Baskets.** Round bowl, $1.50; $2.00; $2.50. Oval bowl, $1.25; $1.50; $2.00, $2.50 and $3.50.

**Wire Hanging Baskets.** Galvanized, 20, 25, 45 and 65 cts.

**Arm Chairs,** for pianos and lawns, $2.00 and $2.25. Settees, 4 to 6 feet long, $4.00 to $8.00.

**SUNDRIES.**


**Peat.** The best material for tying plants, vines, etc., per 50 cts.

**Green Linen Twine, for Smilax.** 80 cts. per lb.

**Jute Twine,** for tying plants or vegetables. 20 cts. per lb.

**Archangel Mats (new),** 8 feet long and 4 feet wide. 85 cts. each.

**Russian Bass Mats** for budding and covering hot-beds, second-hand. 1st quality, 25 cts. each; $2.50 per doz. 2d quality, 15 cts. each; $1.50 per doz. Jergean Pot, for potting plants, etc., $1.50 per doz.

**Propagating Sand, $1.50 per bbl.**

**Prepared Potting Soil.** 75 cts. per bushel; $1.50 per bbl.

**Sphagnum Moss, for packing, growing Orchids, etc., $1.50 per bbl.** 50 cts. per bale.

**Cocoa Fibre,** for propagating and mulching. 90 cts. per bushel.
Fertilizers.

Bowker's Ammonium Food for Flowers. Made especially for plants grown in the Conservatory, House or Garden; clean, free from offensive odor. Full directions with each bag or package. Package, 35 cts.; by mail, 50 cts.; 5 lb. bag, 75 cts.; 10 lb., $1.25; 50 lb., $5.00.

Bowker's Kitchen Garden Fertilizer. A general kitchen-garden manure, may be used on all garden crops, fruits, etc.; easily applied, free from weed seeds, and will give as large crops as stable manure. It has very little odor, and clean to handle. Everyone who has a garden should give it a trial. Bags of 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.50.

Bowker's Lawn Dressing. This Dressing is prepared so that it acts gradually through the season. It may be applied at any time during the spring, summer, or autumn, or as often as the grass seems to need nourishment. It will restore many lawns to full luxuriance that have been nearly ruined by drought. Bags of 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.50.

Crushed Bone. Ground coarse, for grape borders. 200 lb. bag, $5.00; per ton, $40.00.

Durer's Potash Meals. Prepared for preserving and thickening grass plots, gardens, etc. Applies 400 to 600 lbs. to the acre. 5 lbs., 25 cts.; 100 lbs., 85 cts.; sack of 200 lbs., 4.50 per sack, $40.00.

Durer's Pure Bone Meal. Ground expressly for our trade. Better than Ground Bone for mixing with potting soil, as it is much finer, and in better condition for giving immediate effect. 3 lb. box, 15 cts.; 5 lb. bag, 25 cts.; 100 lbs., $3.00; 200 lb. bag, $4.50; per ton, $49.00.

Hammond's Sward Food. A top dressing for lawns and all grass lands, and a good stimulant for worn-out pastures, quickly making a compact, velvety turf. 25 lb. bag, $1.00; 100 lb. bag, $5.00. Price per ton on application.

Land Phosphate. Excellent for composting, fertilizing or mixing with guano. 25 lb. bag, 50 cts.; 100 lb. bag, $1.00; barrel, $1.30; per ton, $10.00.

Pulverized Sheep Manure. Excellent for mixing with potting soil or lawn dressing. 100 lb. sack, $8.00.

Pure Peruvian Guano. Guaranteed. The quantity used per acre is from three to four hundred pounds; before using, it should be made fine and mixed with loam or plaster. It should not be mixed with lime, ashes, muck or clay; nor should it come in contact with growing plants when used in a dry state. 12-lb. box, 15 cts.; 3-lb. box, 25 cts.; 5 lbs. in tin box, 40 cts.; per 100 lbs., $4.00; per sack of 200 lbs., $7.50; per ton, $65.00.

Soluble Tampico Guano. A high-grade fertilizer for lawns and pot plants. 5 lbs., 25 cts.; sack of 200 lbs., $5.50; per ton, $50.00.

Soluble Guano. Prepared with special care for garden crops and small fruits. 5 lbs., 25 cts.; per 100 lbs., $5.00; sack of 200 lbs., $5.50; per ton, $50.00.

Star Bone Phosphate. Contains a large percentage of soluble Bone Phosphate of Lime, and is made especially as a stimulant to a quick and healthy growth. Apply 400 to 600 lbs. to the acre. Put up in bags with directions. 5 lbs., 25 cts.; 10 lbs., 50 cts.; 25 lbs., $1.00; 100 lbs., $2.50; sacks of 200 lbs., $4.00; per ton, $32.00.

Insect Destroyers.


Hellebore, for destroying Rose Sins. One or two applications are usually sufficient for a season, and it is thoroughly effective. With directions. Per lb., 40 cts.; by mail, 60 cts.; per bottle, 20 cts.; by mail, 35 cts.

Pinner's Tobacco Soap. A convenient and potent preparation for the destruction of all insects, their eggs, insects infesting either plants or animals. Per lb., 50 cts.

Pyrethrum Roseum, or Persian Insect Powder. For destroying Roaches, Ants, Fleas, and all other noxious insects. Per lb., 75 cts.; by mail, 90 cts.; per bottle, 25 cts.; by mail, 40 cts.

Pure Paris Green, for destroying potato bugs. It is effectual for destroying that pest. Directions for use with each package. 30 cts. per lb.; by mail, 50 cts.

Sulphur. For Tree Oil. A preparation for destroying insects and parasites, whether on the foliage or at the roots of the plants, such as Mealy Bug, Red Spider, Scale, Thrip, Green Fly, Fleas, etc. It answers every purpose as an Insecticide, is harmless to the hands and skin when used as an Insecticide, or when applied for destroying parasites on plants or man, or when used as a wash for dogs. Full directions with each can. Gallon, $5.00; half gallon, $2.50; quart, $1.50; pint, 50 cts.; small bottle, 25 cts.

Tobacco Dust. Cheaper than snuff, and quite as effectual. A sure remedy for Green Fly. 5 lb. package, 25 cts.

Tobacco Stems, for fumigating. Per lb., 10 cts.; in bales of about 250 lbs., $2.50.

Whale Oil Soap. An effectual remedy for destroying and preventing insects on plants, trees, vines, etc., by soaking down the bark of trees, Grape Vines, etc. In cans, with directions. Three sizes, 20, 35 and 60 cts. each; the two small sizes only mailable, 40 and 70 cts. Quantities of 25 lbs., 10 cts. per lb.