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Mangelsdorf  
Bros. Co.

Seed  
and Plant  
Catalogue  
1900

Atchison, Kas.

Home Press  
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1900.

# MANGELSDORF BROS. COMPANY.

## 25<sup>TH</sup> YEAR.

Established 1875.

Incorporated 1887.



**I**N submitting our Catalogue for 1900 we tender our most sincere thanks to our customers for their liberal patronage. The past season has been a very satisfactory one with us, as our sales were fully fifty per cent more than any former season.

During the past year we have entirely rebuilt and enlarged our Greenhouses, and we now have the best arranged and equipped Greenhouses in the West. We extend a hearty invitation to visit them when in the city. Street car tickets to Greenhouses will be furnished free to visitors at our office.

Crops of Beans and Peas have been light the past season, and prices are considerably higher than they have been for some years, but we know our prices will compare favorably with those of other reliable houses.

As quite a number of our customers prefer to order their Seeds and Plants at the same time, we have again combined the two Catalogues, and will hereafter issue them in one SEED AND PLANT CATALOGUE.

We again solicit your orders, and promise that they will have our most prompt and careful attention.

### INSTRUCTIONS.

**Postage Paid**—We deliver, postage paid, to any post office in the United States, Vegetable and Flower Seeds, in packets, ounces, and pounds (Beans, Peas, and Corn by measure excepted) when ordered at retail prices; also, all Flowering Plants when the order amounts to \$1.00 and over.

**Postage to Remit**—As prices of Beans, Peas, and Corn are quoted without postage, it will be necessary to add at the rate of 1¢ per quart for Beans and Peas, and 10¢ per quart for Sweet Corn, when ordered sent by mail. On orders for Plants for less than \$1.00, 20 per cent must be added for postage.

**Plants by Express**—This is much the best way of sending, as we can give stronger and better plants than those by mail, and they will arrive in better order if sent by express. We earnestly recommend our customers to have their plants sent in this way. We will put in enough extras to compensate you for the extra charge.

**Plants by Mail**—We do not advise having plants sent by mail except in long distances, when otherwise would be too high. Will send plants by mail, carefully packed, but only when the plants ordered amount to \$1.00 or more. The plants will have to be smaller than those we would send by express, and we can not put in any extras. Orders for plants for less than \$1.00, to be sent by mail, will not be shipped unless 20 per cent is added to the price of the plants wanted, for postage.

**Seeds and Plants by Express**—When seeds and plants are ordered to be sent together by express, an allowance of 6¢ per lb. is made on all Vegetable seeds except Beans, Peas, and Corn, and the amount may be deducted from remittance.

**Freight**—Field and Agricultural Seeds, Seed Potatoes, Sweet Potatoes, Strawberry, Impulse, and other bulky or heavy articles can be sent only by express or freight at the purchaser's expense, except when actual.

**Packing**—No charge is made for boxes or packing, nor for delivery to freight depot or express office.

**Remittances**—Should be made by Post Office Money Order or Postal Note, Drafts on Banks or Express Money Orders. Where not possible to obtain them, the letters should be registered. Postage stamps will be found a convenient method of remitting for small amounts, and we can use them at advantage.

**C. O. D.**—We decline to send goods collect in delivery, unless a remittance is made on account to purchase the accepted.

**Safe Arrival of Packages**—We guarantee the safe arrival of Packages of seeds, Bulbs, and Plants, in good condition. 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 invoice, and may desire to formation necessary to trace the goods.

**Warrants**—All seeds are selected with the greatest care, but as the best of seeds will often fail to germinate from causes over which we have no control, we give an warranty, expressed or implied, and we will be responsible for the crop.

We shall be very thankful for sending us the names of such of your friends and neighbors who might be interested, so we may send them Catalogues, and we will cheerfully add some extra plants to their lists when for your friends and kindred.

ADDRESS ALL LETTERS AND DISPATCHES TO

**MANGELSDORF BROS. CO.,**

Office Telephone No. 445.

424 Commercial St., ATCHISON, KANSAS.

Greenhouse Telephone No. 119.

# NEW AND CHOICE Varieties of Vegetables.

## TWO VALUABLE EARLY BUSH BEANS.

### BURPEE'S STRINGLESS GREEN POD

Is most happily named, as it is quite unique—the only stringless green-pod Bush Bean in cultivation. Consequently it surpasses all others in crisp, tender flavor; straight green pods; all are absolutely stringless and of a beautiful fleshy appearance. The pods are ready to market TWO WEEKS EARLIER than the best stock of Improved Extra Early Red Valentines—in fact, even earlier than the Early Yellow Six Weeks, which, as all know, is valuable only for its extra earliness, being of inferior quality. BURPEE'S STRINGLESS GREEN POD is of immense value not only to the market gardener and canner who plants for profit, but also to the amateur who seeks finest quality for the home table. Pkt. 5¢, qt. 35¢.

### VALENTINE WAX.

This variety was introduced in 1895, as the earliest of wax beans, and our experience is that it is remarkably early. The pods are thick and fleshy, with but very little string; the plant is vigorous and productive, and it is a popular sort wherever known. Pkt. 5¢, qt. 35¢.

## THE TWO BEST EARLY POLE BEANS.

### EARLY GOLDEN CLUSTER WAX.

A well known early and very beautiful sort. Vines large, strong growing, vigorous, hardy; leaflets large, light green, crimped, flowers yellowish-white; pods six to eight inches long, borne in abundant clusters, each containing from three to six pods, which are broad, very thick and fleshy, deeply creased along the edge to which the beans are attached, much curved; color bright golden yellow. Of the very best quality, and staying in condition for use a long time. The beans are also excellent shelled green. We recommend this variety as furnishing the largest and handsomest pods of any sort in the list. Pkt. 10¢, Qt. 35¢.



### WHITE CREASE BACK.

This variety is especially valuable for its extreme earliness and its habit of perfecting all of its pods at the same time. Vines small to medium, but vigorous, and in good soil they are wonderfully productive, bearing pods in clusters of from four to twelve. Pods medium length, silvery-green, of the best quality as snaps and stand shipping better than most sorts. The beans are too small to be of much value when shelled green, but are of very superior quality baked. When dry they are small, oval, very white and hard. Pkt. 5¢, qt. 40¢.



## SWEET CORN.

### "FIRST OF ALL."

The "FIRST OF ALL" is ready for the table from three days to a week earlier than the Cory, making it very desirable not only for family gardens but extremely valuable to grow for market, where the earliest corn always brings by far the highest prices. The ears are of medium size, well filled with grains to the very tip. Many of the ears contain ten to twelve rows, while ears of the Cory Corn generally have only eight rows. In habit of growth it is rather dwarfer than the Cory, although similar in appearance, but superior in quality, tender and sweet. Pkt 5¢, qt. 20¢.



Dutch Winter or Hollander Cabbage.

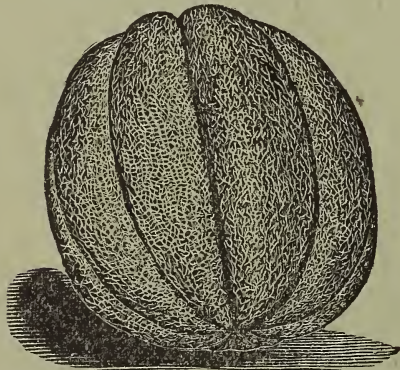
## Dutch Winter or Hollander Cabbage.

For several years past shipments of cabbage have been imported from Holland and sold in our markets at prices nearly double those obtained for the product from our own gardens. The heads of this valuable sort are of medium size, averaging a weight of eight pounds; are *very solid and deep*, and of a *fine white* color, making them entirely distinct from any other strain. Their quality is superior, and they *keep better than any other sort*, the heads being just as solid and perfect when taken up in the spring as when they were put away in the fall. No cabbage will sell beside it, even if offered at half the price. Pkt. 5¢, oz. 25¢, ¼ lb. 75¢, lb. \$2.50.

## Rocky Ford Musk Melon.

An improved strain of the Netted Gem variety, and derives its name from Rocky Ford, Colorado, where they have been extensively grown for several years. Last season they were shipped and sold in nearly every market in the United States, always commanding the highest prices. They are undoubtedly one of the best early Musk Melons for shipping purposes, of handsome globe shape, ribbed and thickly netted; flesh light green, thick meated, and of delicious flavor.

Pkt. 5¢, oz. 10¢, ¼ lb. 30¢, lb. \$1.00.



Rocky Ford Musk Melon.

## Paul Rose Musk Melon.

This new musk melon is a cross between the two well known favorites, Osage and Netted Gem, combining the rich sweetness of the former with the fine netting of the Gem. The flesh is salmon in color with a fine close grain, and is said by those who have eaten it to be most delicious and appetizing. The rind though thin is very firm, which, with its peculiar structure of flesh, makes it one of the best shipping and keeping melons on the market.

Pkt. 5¢, oz. 20¢, ¼ lb. 30¢, lb. \$1.00.

## "Telephone" Pea.

One of the finest, tall, wrinkled marrows yet introduced. It is immensely productive; of the best quality, and excellent sugary flavor; vines very strong, averaging eighteen to twenty pods to the stalk. The pods are of large size and closely packed with large delicious peas. Height 3 to 4 feet.

Pkt. 5¢, qt. 25¢.

## Nott's Excelsior Pea.

This new extra early wrinkled pea has come to stay. In earliness it equals *American Wonder*; in height it is half way between *American Wonder* and *Premium Gem*; in quality equal to *Premium Gem*, and as a cropper it excels either. In a comparative test, with above side by side, under conditions exactly alike, the Nott's Excelsior yielded *one-quarter* more pods by *measure*, and by *weight one-third* more, which shows conclusively that the pods of Nott's Excelsior are more compactly filled with peas.

Pkt. 5¢, qt. 30¢.

## The "Gradus" Pea.

A new English variety of the wrinkled peas. It is very hardy, so much so that, unlike the most of its type, it can be planted extremely early. The vine grows about 2½ feet high, is vigorous and very productive. The pods are large and well filled with good sized peas, seven to nine usually in a pod. The Gradus is one of the earliest wrinkled pea in cultivation and the most delicious in quality, which, combined with its hardness and productiveness, cannot fail to commend it to all lovers of fine peas.

Pkt. 5¢, qt. 30¢.



Nott's Excelsior.



### Crimson Cushion Tomato.

Solid as beefsteak. Ripens thoroughly at stem end. The earliest large tomato. Large size. Smooth as an apple.

The color is brilliant scarlet crimson, untinged with purple, and ripens up almost completely to the stem. The Crimson Cushion is almost seedless, requiring from ten to twelve bushels of ripe fruit to produce one pound of seed, whereas a pound of seed is realized from three bushels of ordinary tomatoes. These figures tell better than any description the "seedless" character of this grand variety. The flesh is firm and "meaty" and of superb quality. It is enormously prolific and wonderfully early for so large a tomato.

Pkt. 5¢, oz. 30¢.

### Ground Cherry or Strawberry Tomato.

This delicate husk-enveloped tomato is unequalled for making preserves and pies. Dried in sugar as raisins or figs, or to use in fruit cake, they are unexcelled. They are handsome in color, and will keep until mid-winter or longer. They have a strawberry flavor, and produce fruit in great abundance. Aside from being a great curiosity and very attractive, they sell first rate in market and are rapidly becoming very popular.

Pkt. 5¢, oz. 25¢.

### White Top Onion Sets.

#### EARLY AND HANDSOME.

We recommend this Onion to our customers, as we know it to be one of the best table onions, either green or matured. They grow to good size, and their globe shape and handsome silvery white appearance make them one of the most attractive market varieties. We know of no other Onion that will withstand the drouth of our western counties as well as this one.

Qt 25¢, gal. 75¢, peck \$1.25. By mail add 10c per quart.

### Long Cardinal, or Brightest Scarlet Radish.

Its extraordinary earliness is remarkable, the roots being fit for use in twenty-five days after sowing the seed. Noted particularly for crisp, tender flesh, and bright, attractive color of skin. In shape very regular, smooth, and conical; in size it is intermediate between the long and half-long sorts. In color it is quite unique, being the *most fiery scarlet*; it is slightly tipped with white; the flesh is *crisp, tender*, and of the *finest quality*.

Pkt. 5¢, oz. 10¢, ¼ lb. 25¢.

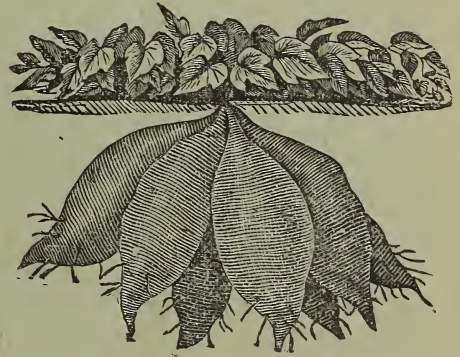
### FORDHOOK SQUASH.

Bright yellow outside, straw yellow within. The flesh is dry and sweet—the best in quality of all winter squashes. *It seems incapable of rotting*, and keeps in perfect condition until late in June.

It is a strong and rapid grower, earlier in ripening than any other winter squash, and is *immensely productive*. A most valuable characteristic is the fact that while such a remarkable keeper, *the skin is so very thin and delicate* that the squashes are prepared for table by simply cutting in half lengthwise and cooking, *skin and all*, at any time throughout the winter. Another feature is that the *green squashes can be used at any stage of their growth*.

Pkt. 5¢, oz. 10¢, ¼ lb. 25¢.

### Vineless Sweet Potato.



This variety has no vines whatever, simply a bush like an Irish potato, which gradually falls over and covers the hill; leaves forked and dark green. In shape are somewhat like the Yellow Jersey, the ends a little more blunt, a little thicker in the middle, and have a handsome and very saleable appearance; meat and skin of a dark creamy yellow, very dry and sweet, contains 20 per cent more sugar than any other variety; easy to keep, and will yield more than any other variety. Bed and sprout same as other varieties.

¾ bu 75¢, bu. \$2.00.

## "Silver Mine" Field Corn.

### ONE OF THE BEST EARLY WHITE CORN YET INTRODUCED.

The stalks grow to a height of seven or eight feet and set the ears about three and one-half to four feet from the ground. The ears measure from ten to twelve inches in length and often weigh one and one-half pounds. They are very uniform in size and shape, with sixteen to twenty straight rows of deep, pure white kernels on a small white cob. It matures in about ninety days, being about one week earlier than *Champion White Pearl*. *It is the heaviest yielder* we know, having yielded over 200 bushels to the acre. Seventy pounds of ears will make sixty-two pounds of corn. It is entirely distinct and will give satisfaction. ¼ bu. 40¢, bu. \$1.25.

# Choice New Plants.

## TWO GRAND NEW CANNAS.



*President McKinley.*

### PRESIDENT MCKINLEY.

Color of flowers brilliant crimson, with bright scarlet shading; the trusses are large, compact, of good shape, and are held up well above the foliage, and are produced freely and evenly. The plant is of dwarf growth, about three feet high, foliage deep green, margined with chocolate. It is one of the earliest blooming varieties, commencing to flower when fourteen to eighteen inches high, and blooms continually thereafter. A marked improvement over all Crimson Cannas introduced to date, in fact it is the King of the Crimson Bedders. 40¢ each.

### SAM TRELEAVE.

This grand variety originated at the Missouri Botanical Gardens, and was admired by everyone who had the pleasure of seeing it. It is the newest and most distinct variety in the United States to-day.

The greatest merit of this Canna is that the flowers open flat, which, with its broad petals, makes it almost a circular flower, entirely different from any other Canna.

In color it is the nearest approach to scarlet ever produced in a Canna, very rich and glowing; the edges and center marked with yellow. The plant grows about three feet high, and throws its spikes of flowers just above the foliage making a very showy appearance.

In freedom of flowering we know of no other variety that compares with it, and we feel certain that those who buy this Canna will not regret their choice.

If you want to be ahead of your neighbors, buy both of the above Cannas.

40¢ each; the two new Cannas for 75¢.

### NEW SALVIA.

#### A GENUINE NOVELTY.

**Vermont**—The first genuine novelty we have had in Salvia, the foliage being of a bright yellow color. It is very effective when planted amongst plants of green foliage, and it impresses at once by the decided contrast. The plant is a vigorous grower, and the color of flower a dazzling scarlet. 25¢ each.

### ASPARACUS

#### SPRENCERI.

A most desirable new species, especially useful to grow in pots for decorative purposes or for suspended baskets and window boxes. The fronds often grow four feet long. They are of a rich shade of green, and most useful for cutting, as it remains green for a long time. It makes an excellent house plant, as it stands the dry atmosphere and will succeed in almost any position. Strong plants, 50¢ each.

### NEW ABUTILON.

#### CAPRICE.

A most beautiful novelty. Foliage marbled and blotched cream and yellow; bright purplish red flowers, with a rich metallic lustre. 20¢ each.



# WALLS OF ROSES.



*Crimson Rambler.*

## FOUR POPULAR RAMBLERS

**Crimson Rambler**—It has an enormously vigorous growth, throwing up shoots of eight to ten feet in one season; besides is perfectly hardy. Therefore, tied down to grow as a bush rose or trained as a climber, it covers itself with its large and showy bunches of crimson flowers, forming a most pleasing contrast on its dark, glossy foliage. The flowers keep fresh a long time. In cutting this rose, instead of taking off a single flower, a long stem will be cut, bearing dozens and scores of its beautiful bright crimson blooms, and it is easy to perceive the great display that can be made with them in vases for mantel and table decoration. 25¢ each.

**White Rambler—Thalia**—This rose is identical with *Crimson Rambler* in habit of growth, manner of blooming, and form of flowers. Beyond question it is the highest type of hardy climbing roses yet introduced; it is certain to become popular, especially in the north, where it winters without protection. The flowers are pure white, sweetly scented, borne in pyramidal clusters. Is truly a beautiful sight to behold. Strong plants, 25¢ each.

**Pink Ramblers**—Similar in habit to the *White* and *Yellow Rambler*, except in color, which is a pure rose color, the partially open buds being bright carmine. The numerous yellow stamens lending an additional charm to the flowers. 25¢ each.

**A Yellow Rambler—Aglai**—This rose fills a long felt want for a hardy yellow climbing rose, something which has been sought for for some time. The *Crimson Rambler* has gained its place among hardy climbing roses, and we predict that the *Yellow Rambler* will become fully as much of a favorite. 25¢ each.

## Another New Climbing Rose.

**Royal Cluster**—A strong growing cluster rose of erect habit, entirely hardy, and abundant bloomer. The clusters are large, one cluster bearing as many as 100 blossoms and buds at one time. The color is rosy white, changing to pure white. The stamens are of a bright yellow, which is a very striking feature. 25¢ each.

## New Hybrid Tea Rose.

**Souvenir de Pres. Carnot**—A Hybrid Tea Rose of unusual merit. It is unquestionably the finest rose of its color introduced for many years. It already ranks high with the growers of cut flowers, but it is equally superior for bedding purposes in the garden. The color is a soft rosy flesh, shading to the center. Very full and opens beautifully. 15¢ each.

## New Climbing Moss Rose.

**Cumberland Belle**—We take pleasure in offering for the first time to the legion of lovers of the Queen of Flowers, this, the forerunner of a new race of Roses, a grand true climbing Moss Rose. It is of American origin, having been found growing in a private garden in the historic Cumberland Valley—a sport from that pretty Moss Rose, *Princess Adelaide*, itself a strong vigorous grower, which is wonderfully developed in the offspring, the original sport the first season having attained a height of over fifteen feet and had one hundred and eighteen buds and flowers on it at one time. The past season, planted side by side with *Crimson Rambler* and other rampant growers, it fully equaled them in vigor of growth. In color it is identical to the parent, a bright silvery rose, very double; the buds nicely mossed and exquisitely fragrant. Altogether a most unique and desirable acquisition. (See cut.) Each \$1.00.



*New Climbing Moss Rose, "Cumberland Belle."*

# More New Plants



## New Striped Geranium.

### STRIPED QUEEN.

This is an entirely new departure in Geraniums, one that is very unique and odd. The ground color of the flower is bright pink, overlaid with a deeper tint of salmon, and delicately veined and striped with a silvery white. It is a perfect marvel of beauty, the flowers being full, round, and perfectly formed. Single. 25¢ each.

## Fine Large Single Geranium.

### REV. HENRY HARRISON.

An extra large flower; color scarlet. The plant is a strong grower and prolific bloomer. 15¢ each.

## New Fringed Geranium.

### ST. PETER.

The edges of the leaves of this Geranium are fringed, giving them a fern-like appearance. The color of the flower is a beautiful bright scarlet, and they are borne on long stems above the foliage. The plant is of strong growth, and great bloomer. A decided improvement in Geraniums. 25¢ each.

## New Geranium.

### MARS.

Something new and desirable. Although only recently introduced, it has at once become popular, and deservedly so.

The plant attains a height of only about five inches, is exceedingly floriferous, and is excellent for a border or for planting in masses, but equally good for pot culture.

Color of flower, clear light salmon, darker in center.

25¢ each.

## New Dwarf Justicia.

### VELUTINA.

The lanky, tall-growing Justicia is well known. This new sort, which is so extensively grown in Europe, has superceded the old varieties. The plant begins to bloom when it has only three or four leaves, and is constantly in bloom afterwards. If pinched back occasionally it makes a very dwarf plant, frequently covered with from twenty to fifty spikes of flowers. The color is a pleasing shade of pink, and

very lasting. The foliage is also very ornamental. 25¢ each.

## Solanum Wendlani.

The most showy climber of recent introduction. It is a rapid grower, attaining a height of fifteen or twenty feet in a very short time. Unlike most climbers, it spreads at the same time, making a very dense growth. A splendid climber for lattice work. Remember, it does not only make leaves, but it is a splendid bloomer, making a perfect show of white star-like flowers, produced in clusters in great profusion.

25¢ each; five for \$1.00.

## New Fern.

### NEPHROLEPSIS BOSTONIENSIS.

This new variety is considered to be one of the very best for vase planting and pot culture, as it is represented to be hardier, and stands dry situations better than any other variety. Its habit is fine, with beautiful and graceful drooping leaves, which are produced in abundance.

20¢ each to \$1.50 each.

*Ageratum Princess Pauline.*

## Two New Ageratums.

### PRINCESS PAULINE.

A most distinct and novel variety, of dwarf, compact habit, rarely exceeding five inches in height, its peculiarity being that both colors, blue and white, are combined in the same flower. The body of the flower being white, while the stamens are a light sky blue, give the flower a pretty variegated appearance. One of the most distinct bedding plants introduced for years.

25¢ each.

### MEXICANUM VARIEGATUM.

This is a decided novelty in Ageratums. Its foliage is distinctly variegated, which makes it very attractive and odd. It comprizes all the blooming qualities of the old Ageratum, and hardly makes the rank growth of the old, which is decidedly in its favor, for we all know at times, the ordinary blue, if planted in a rich soil, goes very much to leaves. But not so with this one. You can depend upon it to give you an abundance of flowers the entire summer. It is also splendid to grow in pots for winter flowers. Don't fail to give this a trial.

15¢ each.

## FLOWER SEEDS OF SPECIAL MERIT.

### SEMPLER BRANCHING ASTER.

This new branching Aster is quite different in several respects from any other variety. The branching habit is accompanied with great vigor of growth and profusion of bloom. The flowers are large size and exceedingly graceful, and are borne erect on long stems. Assorted colors, per pkt. 10¢, 3 pkts. 25¢.

### GIANT COMET ASTER.

New Asters of great beauty. The plants are tall and of much vigor, while the flowers are of such extraordinary size that they may, without contest, be said to be the largest of any in existence. Flowers are formed of large twisted and curled petals and look exactly like the most refined forms of *Japanese Chrysanthemums*. They must therefore take first place among Asters of unique beauty. Many colors, mixed. Pkt. 10¢, 3 pkts. 25¢.

### THE TRUE MOONFLOWER.

This is not a new flower, but one which gives such universal satisfaction that we want to call special attention to it again. It is one of the most rapid climbers, and the vines are almost covered with immense white flowers, many of them measuring six inches across. The seeds should be started early in a window box or hotbed. Pkt. 5¢.

### IMPERIAL JAPANESE, or EMPEROR MORNING GLORIES.

The flowers are of gigantic size, of good substance, remaining open the greater part of the day. The colorings are beyond description; the self or solid colors range from snow-white to black-purple, with all the possible intermediate shades, such as pink, rose, fiery-red, copper-red, carmine, crimson, pale-blue, deep-blue, royal-purple, maroon, indigo, bronze, slate, brown, cherry, ash-gray, etc.; others are edged with white, having throats of one of the above colors, while in others this is reversed, the throats being white and the edging of color; there is an endless number having flowers spotted, marbled, striped, flaked, splashed, etc. Pkt. 5¢, oz. 10¢.

### RICINUS ZANZIBARENSIS.

**Castor Bean Plant**—A new and distinct class which surpass in size and beauty all varieties heretofore known, the plants attain great size, presenting a splendid aspect with their large leaves, forming a perfect pyramid of elegant foliage. The seeds are very large and of different colors. Pkt. 5¢.

### GIANT PREFECTION COSMOS.

A new strain of this graceful and popular flower. The individual blooms measure four to five inches across, and being borne on long graceful stems, the effect is charming. The colors are delicate shades of blush, pink, rich crimson, snow white, etc. All colors, mixed. Pkt. 10¢, 3 pkts. 25¢.

*Cosmos Hybridus.*

### SALVIA—SPLENDENS.

**Scarlet Flowering Sage**—One of the most effective and gorgeous of bedding plants, bearing long spikes of dazzling scarlet flowers in great profusion from early in July till frost. It is a half-hardy perennial, but blooms from the seed the first year, and has become quite a favorite in the past few years. Pkt. 10¢.

# 25c. to \$1.00

# Collections of Plants

**D**URING the rush of spring trade, time is valuable to us, and in order to give our customers a benefit, and save us much valuable time, we offer special inducements in the following collections.

Remember, the sets and collections can be relied on as being of the very best stock; we grow a great many plants, such as Geraniums, Verbenas, Heliotropes, Chrysanthemums, Carnations, Coleus, Fuchsias, Petunias, etc., in unlabeled pots for our local trade, and we will this year give our catalogue customers the benefit of these lower priced plants.

Give our collections a trial, and we know you will be pleased with the plants.

The collections will be sent by express only, unless one-third more is remitted to prepay postage.

### ORDER BY NUMBER.

#### COLLECTIONS—

##### No. 1—\$1.00

20 Single Geraniums, no two alike, for \$1.00.

##### No. 2—\$1.00

20 Double Geraniums, no two alike, for \$1.00.

##### No. 3—\$1.00

10 Single Geraniums and 10 Double Geraniums, no two alike, for \$1.00.

##### No. 4—\$1.00

30 unlabeled Verbenas, in good assortment, for \$1.00.

##### No. 5—\$1.00

15 unlabeled Chrysanthemums, an excellent assortment of the best varieties for \$1.00.

##### No. 6—\$1.00

15 best varieties Carnations, unlabeled, for \$1.00.

##### No. 7—40c

5 Heliotropes, the same as in regular list, for 40¢.

##### No. 8—\$1.00

30 unlabeled Coleus, a choice assortment, for \$1.00.

##### No. 9—\$1.00

9 unnamed French Cannas, assorted colors, for \$1.00.

##### No. 10—\$1.00

15 best varieties Single and Double Fuchsias, unnamed, for \$1.00.

##### No. 11—\$1.00

15 Double Petunias of different colors. This is a splendid assortment, for \$1.00.

##### No. 12—\$1.00

A mixed collection; 2 plants each of the following varieties: Single Geranium, Double Geranium, Variegated Geranium, Ivy Geranium, Verbenas, Chrysanthemums and Coleus; and 1 plant each of Heliotrope, Canna, Fuchsia and Double Petunia; 20 plants, no two alike, all for \$1.00.

##### No. 13—\$1.00

15 Single Geraniums, all scarlet, for \$1.00.

##### No. 14—\$1.00

15 Double Geraniums, all scarlet, for \$1.00.

#### COLLECTIONS—

##### No. 15—\$1.00

15 Double Geraniums, all white, for \$1.00.

##### No. 16—\$1.00

25 Verbenas, all one color, either red, white, blue, variegated, slate color or pink, for \$1.00.

*State color wanted when ordering this collection.*

##### No. 17—\$1.00

25 Coleus, all one color, variety may be selected from regular list in catalogue, for \$1.00.

##### No. 18—\$1.00

16 summer bedding Tea Roses, unlabeled, but all good varieties, for \$1.00.

##### No. 19—\$1.00

14 Hybrid Perpetual Roses, in good assortment, for \$1.00.

##### No. 20—\$1.00

8 Tea Roses, 7 Hybrid Perpetual Roses, unnamed, but good, for \$1.00.

##### No. 21—50c

A mixed collection; 1 plant each, Single, Double, Variegated and Ivy Geraniums; 1 each Verbena, Chrysanthemum, Carnation, Heliotrope and Coleus; 9 plants in all, for 50¢.

##### No. 22—50c

1 Tea Rose, 1 Hybrid Rose, 1 Scented Geranium, 1 Double Geranium, 1 Single Geranium, 1 Double Petunia, 1 Marguerite, 1 Pansy, 1 Daisy; in all 9 choice plants, for 50¢.

##### No. 23—25c

1 plant each Double Geranium, Scented Geranium, Sweet Alyssum, Verbena and Pansy; 5 plants for 25¢.

##### No. 24—25c

1 Tea Rose, 1 Single Geranium, 1 Heliotrope, 1 Daisy, 1 Coleus; 5 choice plants for 25¢.

##### No. 27—\$1.00

*A complete flower garden.* Compare with regular list prices, and note that we are giving you \$2.00 worth for \$1.00 in this collection.

1 Abutilon, 1 Lantanna, 1 Marguerite, 1 Double Geranium, 1 Single Geranium, 1 Variegated Geranium, 1 Ivy Geranium, 1 Tea Rose, 1 Alyssum, 1 Chrysanthemum, 1 Carnation, 1 Heliotrope, 1 Coleus, 1 Verbena, 1 Parlor Ivy, 1 Trailing Vinca, 1 Mosquito Plant, 1 Ageratum, 1 Fuchsia, 1 Moon Vine; in all 20 choice plants for \$1.00.



As the prices of plants in these collections are very low, we cannot give any extras with any of them, and must also reserve the right to select varieties, but you may depend on a good assortment every time. As stated, in most of the collections, the plants will not be labeled or named.

# VEGETABLE SEEDS.

OUR LIST OF VEGETABLE SEEDS embraces all the well known standard varieties, and also such of the new varieties as have proved to be suitable and profitable for general cultivation in our soil and climate. We have endeavored to describe the different varieties, so that their character and value may be understood, and given such simple directions for culture as, with a little care, will insure success.

## ARTICHOKE.

A well known vegetable produced from tubers resembling potatoes; it makes an excellent food for stock. They are planted like potatoes, and as early as the ground will admit. Peck 40¢, bu. \$1.25.

## ASPARAGUS.

Soak the seed twenty-four hours in warm water, and sow very early in the spring, thinly, in rows one foot apart; keep clean by frequent weeding and hoeing. At one or two years old, transplant to permanent beds.



Prize Taker.

**Prize Taker**—A desirable variety, mammoth size, and remarkably uniform in size and color; shoots measure from 1½ to 2 inches in diameter. Packet 5¢, oz. 10¢, ¼ lb. 50¢, lb. 75¢.

**Conover's Colossal**—This is such a vigorous grower that at two years old, from seed, it will send from fifteen to twenty sprouts. Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 50¢.

**ASPARAGUS ROOTS**—Two years old. Per 100, \$1.00; per 1000, \$7.50.

## BEANS— DWARF.

Under this name are classed all the low growing sorts. They are so sensitive to frost and cold that it is useless to plant them before the middle of the spring, when the ground has become warm and light. Plant two or three inches apart, in two and a half feet drills. They do the best in light and rich soil.

For postage, add 15 cents per quart when ordering to be sent by mail. Pints will be furnished at quart rates; quarter bushel at bushel rates. Packages of any variety postpaid.

**Early China**—A very early and excellent variety, both for snaps and shelled beans. Pkt. 5¢, qt. 25¢, gal. 85¢, bu. \$6.00.

**Early Valentine**—A most excellent sort, having round, fleshy pods, which remain a long time brittle and tender; very early and a good bearer. Pkt. 5¢, qt. 25¢, gal. \$1.00, bu. \$7.50.

**Early Long Yellow Six Weeks**—Hardy and prolific; seeds yellowish drab. Pkt. 5¢, qt. 25¢, gal. 85¢, bu. \$6.00.

**Refugee, or 1000 to 1**—The standard late picking variety; matures two weeks later than the extra early kinds. Pkt. 5¢, qt. 25¢, gal. 85¢, bu. \$6.00.

**Dwarf Flagelot Wax**—Introduced from Germany. The pods are of very large size, sometimes ten to twelve inches in length, entirely stringless, very fleshy, and of the finest quality. Pkt. 5¢, qt. 30¢, gal. \$1.00, bu. \$7.00.

**Rust-Proof Golden Wax**—The pods are long and straight, and thicker than the *Golden Wax*, superior in quality and absolutely rustproof. Pkt. 5¢, qt. 30¢, gal. \$1.00, bu. \$7.00.

**German Black Wax or Butter**—(Stringless).—An excellent and much esteemed bean, with transparent, wax yellow, tender pods. Pkt. 5¢, qt. 30¢, gal. \$1.00, bu. \$7.00.

**Golden Wax**—(Stringless).—A week earlier than the *Black Wax*; pods large, long and brittle; of a rich golden wax color. Pkt. 5¢, qt. 30¢, gal. \$1.00, bu. \$7.00.

**White Seeded Wax**—Except in the color of its seed this variety bears a strong resemblance to the *Black Seeded Wax*. Pkt. 5¢, qt. 30¢, gal. \$1.00, bu. \$7.00.

**Kidney Wax**—We consider this new variety the best of all the Wax Beans. It is as early as the *Golden Wax*; pods very large, long, tender, stringless, and of a fine light golden color. It grows taller than the *Golden Wax*, and out-yields it by far. Pkt. 5¢, qt. 30¢, gal. \$1.50, bu. \$7.00.



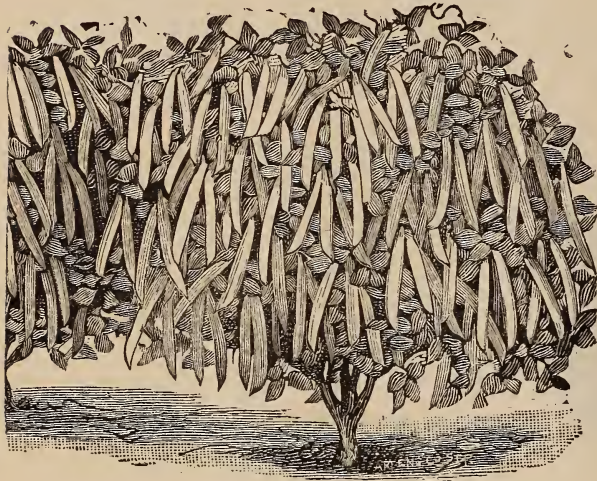
Improved Earliest Valentine Snap Bean

**BEANS—DWARF—Continued.**

**Davis White Kidney Wax**—Originated by Eugene Davis, of Michigan. The plant is vigorous and healthy, of compact, upright growth, carrying its pods on the center, and well up from the ground. The pods are very long, oval, clear waxy-white color, showing no tendency to string until they approach maturity. The large, white, handsome kidney-shaped dry beans are very attractive and excellent for baking. Pkt. 5¢, qt. 30¢, gal. \$1.00, bu. \$7.00.

**Henderson's Bush Lima**—A most remarkable Lima Bean which grows in bush form, bearing richly flavored Lima Beans in great profusion through the entire season. This is a variety that should be in every garden, and one that no farmer should be without. Pkt. 5¢, qt. 30¢, gal. \$1.00, bu. \$7.00.

**Burpee's Bush Lima**—The most wonderful and decidedly the best Dwarf Lima in cultivation. Pods large, very productive, grows without the aid of poles, and produces large, handsome beans of excellent flavor. Pkt. 5¢, qt. 40¢, gal. \$1.25, bu. \$8.00.

**DWARF FIELD BEANS.***Prolific Tree Bean.*

**Large White Kidney**—Pods long and rather flat, beans white, kidney shaped. Excellent green, and equal to any in a dry state. Pkt. 5¢, qt. 20¢, gal. 60¢, bu. \$4.00.

**Dwarf White Navy**—Very prolific, ripening its crops early and all at once. Pods short, straight, small, but containing six beans; beans small, oval, white, handsome, and of superior quality. Pkt. 5¢, qt. 20¢, gal. 60¢, bu. \$4.00.

**Prolific Tree**—The most prolific variety for field culture yet known; grows eighteen to twenty inches high, branching out in all directions; bears its pods so high that they do not touch the ground; average yield, sixty bushels per acre. Pkt. 5¢, qt. 20¢, gal. 60¢, bu. \$4.00.

**SOJA BEANS.**

Ripen in about four months from time of planting, and produce a crop of twenty to thirty bushels to the acre, and are as easily grown as other beans. Its great value to the farmer lies in the fact that when ground it makes one of the most valuable crops for feeding stock and adds greatly to the milk production. Claimed also to be much superior to clover for fertilizing the soil and for pasturing, or feeding the green fodder, of which it frequently yields from eight to ten tons per acre. Sow broadcast one-half bushel to the acre, or it may be planted in drills three feet apart and one foot between plants. Pkt. 5¢, qt. 20¢, gal. 60¢, bu. \$4.00.

**POLE BEANS.**

**Lazy Wife's Pole**—This fine pole bean has become a great favorite. Pods from six to eight inches long, entirely stringless. The beans are white, and unsurpassed as shell beans for winter use. Pkt. 5¢, qt. 40¢, gal. \$1.25, bu. \$8.00.

**Early Dutch Case Knife**—The earliest of the pole beans, with very long, flat pods; beans white; very good green or dry. Pkt. 5¢, qt. 25¢, gal. 85¢, bu. \$6.00.

**Horticultural Cranberry**—A medium sized, oval bean, light red creamy color, speckled pods striped with red; very productive. Pkt. 5¢, qt. 25¢, gal. 85¢, bu. \$6.00.

**Large Lima Bean**—A large late bean, with broad rough pods, seeds white. It bears profusely until killed by frost. Pkt. 5¢, qt. 30¢, gal. \$1.00, bu. \$7.00.

**King of the Garden Lima**—Claimed to be larger, stronger growing, more productive, and with larger pods and beans than the large *White Lima*. Pkt. 5¢, qt. 30¢, gal. \$1.00, bu. \$7.00.

**Kentucky Wonder**—A very early, green-podded variety. Vines vigorous and enormously productive, bearing great clusters of pods from top to bottom of the pole. The pods are very large, entirely stringless, and cook tender and delicious. Pkt. 5¢, qt. 40¢, gal. \$1.25, bu. \$8.00.

**Cut Short**—A well known and favorite corn field bean. Pkt. 5¢, qt. 30¢, gal. \$1, bu. \$7.

**BEEF.**

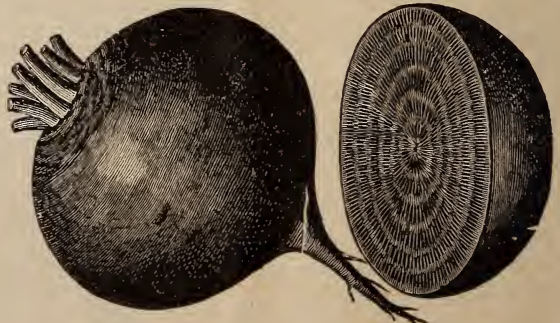
The best results are obtained on a deep, rich, sandy loam. If wanted very early, sow in hotbeds and transplant, cutting off the outer leaves; or for general crop, sow as soon as the ground will permit, in drills eighteen inches apart, and thin out to three inches in the row. For winter use the turnip varieties may be sown in June. If possible, always sow in freshly prepared soil, which should be pressed firmly over the seed. A supply may be had for winter use by storing in a cellar and keeping covered with sand, earth or sods, to prevent wilting, or they may be kept out doors in pits, such as are used for apples and potatoes.

**Market Gardeners**—Although on some soils the *Egyptian* can be marketed a few days before the Market Gardeners, still within a week it will be found larger than the *Egyptian*, and it continues to grow until late in fall, making one of the best Beets for the fall trade and for keeping over winter. Color deep blood red, fine grained, and good quality. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

**Edmund's Imp. Early Blood Turnip**—This beet, of American origin has, by careful selection, been brought to a uniformly smooth root and small top, making it among the best for early table use. Roots dark red, interior color dark purplish red, zoned with a lighter shade; crisp, tender, sweet, and an excellent keeper. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Eclipse**—Very desirable, owing to its globe shape, great smoothness and regularity; very sweet, flesh fine and dark blood color. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

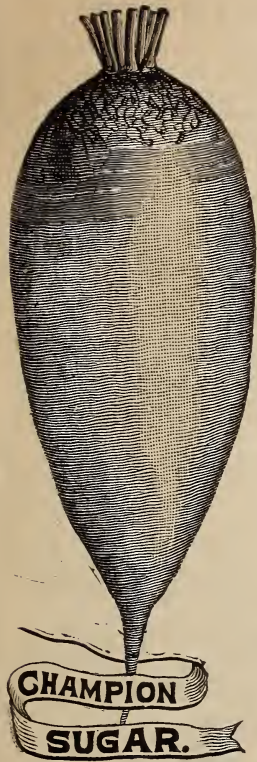
**Egyptian Turnip**—Very early; deep red color and tender; valuable for market. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

*Edmund's Imp. Beet.*

**Extra Early Blood Turnip**—The standard early sort. Blood red, turnip shaped, with small top and tap root, very tender. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 45¢.

**Bastian's Early**—Color bright red, root uniform and of fine shape; best second early. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 45¢.

**Long Smooth Blood**—A long, smooth beet, growing to a good size, half out the ground; color dark blood red, top small, keeps well. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 40¢.



## Sugar Beet

FOR  
Sugar  
or Stock.

**Champion Sugar**—An improved variety from France, which affords the largest percentage of sugar of any known variety. Roots of good size, flesh fine grained and very sweet; good variety for cattle feeding. Pkt. 5¢, oz. 5¢, ¼ lb. 15¢, lb. 40¢.

**Vilmorin's Improv'd White Sugar Beet**—An improvement on the old *White Sugar*, containing a much larger percentage of sugar. Pkt. 5¢, oz. 5¢, ¼ lb. 15¢, lb. 40¢.

**Red Top White Sugar Beet**—Large size, and grows considerably above the ground; fine for feeding. Cultivated in England for its sugar. Pkt. 5¢, oz. 5¢, ¼ lb. 15¢, lb. 40¢.



## Mangel Wurzel

For Stock.

**Long Red Mangel Wurzel**—

A large, long variety, grown for stock feeding, color light red, flesh white and rose colored. Pkt. 5¢, ¼ lb. 15¢, lb. 35¢.

**Golden Tankard Mangel Wurzel**—

A distinct and superior strain of the yellow flesh Mangel. Exceeding every other variety in milk producing qualities, and on this account is used largely by dairy farmers. Pkt. 5¢, oz. 5¢, ¼ lb. 15¢, lb. 40¢.

*Golden Tankard.*

## BROCCOLI.

Of the cabbage family, but more hardy. Sow the seed in the early part of May and transplant in June.

**Purple Cape**—Greenish purple heads. Pkt. 5¢, oz. 35¢, ¼ lb. \$1.00, lb. \$3.00.

## BRUSSELS SPROUTS.

Sow in hotbed in April or May and transplant in July.

**Dwarf Improved**—A well known variety, and the best. Pkt. 5¢, oz. 15¢, ¼ lb. 40¢, lb. \$1.25.



*Early Jersey Wakefield.*

## CABBAGE.

The early varieties are sown in hotbeds during February and March, and in cold frames under glass in April, and for late crops in the open ground through the month of May. For the fall and winter crop of late cabbages the seed should be sown in the month of June; indeed almost to the end of the month will do. Plants raised and transplanted during the month of June are much more sure of heading, being out of the hottest sun, and are more inclined to grow low to the ground. The early varieties may be transplanted in rows, eighteen to twenty inches apart, and twelve to fifteen inches distant in the row. The later varieties should be set twenty or more inches apart, in rows two feet or more apart.

**Early York**—A well known early variety; heads small, rather heart-shaped, firm, tender, and excellent flavored. Pkt. 5¢, oz. 15¢, ¼ lb. 45¢, lb. \$1.50.

**Early Jersey Wakefield**—Favorite market variety; medium size, and pretty sure to head. Pkt. 5¢, oz. 25¢, ¼ lb. 75¢, lb. \$2.50.

**Early Express**—Produces fair sized heads in eighty to eighty-five days from sowing of seed; does not form as large a head as *Early Etampes*, but is ahead of this variety several days. Pkt. 5¢, oz. 15¢, ¼ lb. 45¢, lb. \$1.50.

**Early Flat Dutch**—Medium size, solid head and short stump; early and of good quality; heads well. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$1.75.

**Early Winningstadt**—Large, cone-shaped solid heads of fine quality. Pkt. 5¢, oz. 15¢, ¼ lb. 45¢, lb. \$1.50.

**Early Deep Head**—A desirable second early variety. It is fully as early as the *Brunswick*, while the heads are as large, round, and considerably deeper. It is heavier, bulk for bulk, than any other second early cabbage; a splendid keeper. Pkt. 5¢, oz. 20¢, ¼ lb. 65¢, lb. \$2.00.

**Henderson's Early Summer**—Second early variety of great merit; heads large and compact. Pkt. 5¢, oz. 20¢, ¼ lb. 65¢, lb. \$2.00.

**Fottler's Improved Brunswick**—Excellent for second early or late; heads large and of fine quality. Pkt. 5¢, oz. 20¢, ¼ lb. 65¢, lb. \$2.00.

**CABBAGE—Continued.***Premium Late Flat Dutch.*

**All Seasons**—The sort almost universally grown on Long Island for New York market. Heads very large, round, often nearly spherical, but usually somewhat flattened; very solid, and of best quality; remarkable for its ability to stand the hot sun and dry weather. Pkt. 5¢, oz. 25¢, ¼ lb. 75¢, lb. \$2.50.

**Hundred Weight**—This cabbage is the largest variety known; remarkable for its immense size, firm heart and superior heading properties; heads broad, very large, frequently attaining a diameter of twenty inches and more, very much flattened, leaves of a pale green ashy color. Pkt. 5¢, oz. 20¢, ¼ lb. 65¢, lb. \$2.00.

**Premium Flat Dutch**—Superb, large, low growing cabbage, heads broad and flat, flat top, very close and hard, with but few outside leaves, a fall and winter variety; tender, and one of the very best to keep. Pkt. 5¢, oz. 20¢, ¼ lb. 65¢, lb. \$2.00.

**Large Late Drumhead**—Large fall and winter variety, with broad, flat, or round heads, very compact. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$1.75.

**Marblehead Mammoth**—One of the largest varieties of the cabbage family in the world. Pkt. 5¢, oz. 20¢, ¼ lb. 65¢, lb. \$2.

**Stone Mason**—Heads large and solid, and of good quality. Pkt. 5¢, oz. 20¢, ¼ lb. 65¢, lb. \$2.00.

**Red Dutch or Pickling**—An esteemed variety for pickling; medium size. Pkt. 5¢, oz. 20¢, ¼ lb. 65¢, lb. \$2.00.

**Drumhead Savoy**—Grows to a large size and quite firm. The Savoys approach nearer to the delicious richness of the Cauliflower than any other cabbage. Sow early. Pkt. 5¢, oz. 20¢, ¼ lb. 65¢, lb. \$2.00.

*Early Horn.***CARROT.**

The carrot delights in a sandy loam, richly tilled. For an early crop sow in the spring as soon as the ground is in good working order. For late crop they may be sown any time until the middle of June. Sow in rows about fifteen inches apart, thinning out to three or four inches between the plants.

**Early Oxheart**—A variety with short, thick roots, the diameter often exceeding the length; color bright orange, sweet, fine grained. Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 75¢.

**Early Horn**—Shorter than most other sorts; color deep orange; fine grained and agreeably flavored, top small. Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 70¢.

**CAULIFLOWER.**

For spring and early summer crop sow in February or March in hotbed and transplant to cold frame when sufficiently large, and to the open ground when the weather is warm enough. The soil for cauliflower should be like that for cabbage, but it is better to be made richer than is ordinarily used for that crop. After the heads begin to form draw the leaves over them and pin or tie them together to protect from the sun and keep them white. They should be cut for use while the "curd" is compact and hard, as they soon become tough and bitter after they open and separate into branches.

**Early Snowball**—It is exceedingly early and hardy, and is one of the surest to make a solid, compact head. For these reasons it is growing more and more in favor for planting for the late summer and fall crop. Pkt. 20¢, ¼ oz. 75¢, ½ oz. \$1.25, oz. \$2.00.

**Extra Early Dwarf Erfurt**—One of the earliest varieties, heads large, compact, and of fine quality. Seed sown early in March will by June produce fine large heads. Pkt. 20¢, ¼ oz. 75¢, ½ oz. \$1.25, oz. \$2.00.

**Early London**—This is a standard variety; very tender and quite early; heads compact, solid, and of delicious flavor; good for general use. Pkt. 10¢, ¼ oz. 30¢, oz. 50¢.

**Veitch's Autumn Giant**—A distinct and valuable late variety; heads large, extremely white, firm, and compact; being well protected by foliage, it remains a long time fit for use. Pkt. 10¢, ¼ oz. 30¢, oz. 50¢.

*Snowball Cauliflower.*

**Danver's Intermediate**—Half long variety; in color it is of a rich shade of orange, smooth and handsome. Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 70¢.

**Long Orange**—The standard sort, roots long, smooth, and deep orange, suitable for table, and the main field crop. Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 70¢.

**Large White Belgium**—Grows one-third out of the ground; roots pure white, green above ground, with small top. It will grow to a very large size on light, rich soil. Flesh rather coarse. Is raised exclusively for stock. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 50¢.



# CELERY.

**S**OW the seed (which is slow to germinate) in shallow boxes, or in a finely prepared seed bed out of doors. See to it that the seed bed is kept moist, almost wet, until the seeds germinate, as plenty of moisture is essential to get a satisfactory growth. Keep clear of weeds until the time of transplanting in June and July. The tops should be shorn off once or twice before transplanting to insure stocky plants. When from four to six inches high transplant into broad, shallow trenches, three feet apart and six inches in the row.

**White Plume**—A magnificent variety and very popular with market gardeners; the foliage is a natural white, and requires but little banking to blanch. It is also highly ornamental for the table on account of its silvery white leaves; flavor is excellent; solid and crisp. Pkt. 5¢, oz. 20¢,  $\frac{1}{4}$  lb. 65¢, lb. \$2.00.

**Boston Market**—A favorite with the Boston gardeners, and a celery that is worthy the attention of every grower; very tender, brittle and mild. Pkt. 5¢, oz. 20¢,  $\frac{1}{4}$  lb. 50¢, lb. \$1.50.

**Golden Self Blanching**—Tested in all sections, and pronounced by large growers as the best ever introduced. The ribs are solid, crisp, brittle, and of the most delicate flavor imaginable. It is the celery for the home garden, market, and shipping. Pkt. 5¢, oz. 30¢,  $\frac{1}{4}$  lb. 90¢, lb. \$3.00.

**White Solid**—(*The Mammoth White Celery*)—Very crisp, tender, and of delicious flavor. Try it. Pkt. 5¢, oz. 20¢,  $\frac{1}{4}$  lb. 50¢, lb. \$1.50.

**Celeriac, or Turnip Root-ed Celery**—Grown for its roots, which are shaped like a turnip, and can be cooked like Kohl Rabi, or used for flavoring soups, etc. Very strong celery flavor. Pkt. 5¢, oz. 15¢,  $\frac{1}{4}$  lb. 50¢, lb. \$1.50.



# CORN SALAD.

Sow early in the fall or spring in shallow drills about twelve inches apart, cover lightly, and if very dry water occasionally.

**Corn Salad—Fetticus, or Lamb's Lettuce**—Large leaved, the best variety cultivated. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 25¢, lb. 75¢.

## CRESS.

Sow thickly in shallow drills every few weeks for succession. In dry weather water occasionally.

**Curled, or Pepper Grass**—This small salad is much used with lettuce, to which its warm, pungent taste makes a most agreeable addition. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 60¢.

## ENDIVE.

Sow from late in the spring to the middle of summer in shallow drills; thin the plants to one foot apart in the drills, and when fully grown tie over the outer leaves to blanch.

**Green Curled**—Hardy variety, with beautiful curled dark green leaves, very crisp and tender. Pkt. 5¢, oz. 15¢,  $\frac{1}{4}$  lb. 40¢, lb. \$1.25.

**Broad Leaved Batavian**—Has broad, thick, plain or slightly wrinkled leaves, forming a large head. Pkt. 5¢, oz. 15¢,  $\frac{1}{4}$  lb. 40¢, lb. \$1.25.



Corn Salad.

# CORN-SWEET.

A rich, warm, alluvial soil is best, and, immediately before planting, this should be deeply and thoroughly worked. Give frequent and thorough but shallow cultivation until the tassels appear.

For postage add 10 cents per quart when ordered sent by mail.



Early Cory.

**Improved Ruby Sweet Corn**—Is entirely distinct from other varieties by reason of the stalks and husks, which are of a *very handsome dark red color*, giving it an odd and beautiful appearance in growth; the stalks grow from six to seven feet high and bear from two to three good ears. The ears are of large size, completely filled with large, pure white grains, closely packed on red cob. Its superb quality and large handsome appearance cannot fail to make it a most desirable sort, both for the market and family garden. Pkt. 10¢, qt. 20¢, gal. 60¢, bu. \$3.50.

**Extra Early Adams**—Not a sweet corn, but the earliest white corn grown; ready for use in sixty days. Pkt. 5¢, qt. 15¢, gal. 45¢, bu. \$2.50.

**Zig Zag Evergreen**—Ears good size and well filled out. It reaches maturity with the *Stowell's Evergreen*, and continues to furnish edible corn longer than any other variety. Pkt. 5¢, qt. 15¢, gal. 45¢, bu. \$2.50.

**Cory**—The ears are much larger than any of the other early varieties, combining earliness, size, and fine quality. Pkt. 5¢, qt. 15¢, gal. 45¢, bu. \$2.50.

**Early Marblehead**—The earliest of all; of fair size and very sweet. Pkt. 5¢, qt. 15¢, gal. 45¢, bu. \$2.50.

**Early Minnesota**—Very early and of excellent quality. Pkt. 5¢, qt. 15¢, gal. 45¢, bu. \$2.50.

**Egyptian**—One of the best of the large varieties. Very sweet and tender, and of a delicious flavor; invaluable for canning. Pkt. 5¢, qt. 15¢, gal. 45¢, bu. \$2.50.

**Mammoth**—One of the largest varieties of sweet corn, and late, very productive and rich flavored. Pkt. 5¢, qt. 15¢, gal. 45¢, bu. \$2.50.

**Evergreen**—Hardy and productive, very tender and sugary, remaining a long time in a suitable condition for boiling. Pkt. 5¢, qt. 15¢, gal. 45¢, bu. \$2.50.

## POP CORN.

Everyone should at least grow a small patch; always brings a good price, and affords a great deal of enjoyment for the children.

**Rice**—One of the most popular market varieties; very handsome, short ears, long pointed kernels, very prolific. Per lb. 10¢, postpaid 18¢.

**Golden Queen**—Handsome, splendid yielder, sturdy growth, delicious flavor, and extremely tender when popped; very popular. Per lb. 10¢, postpaid 18¢.

**Silver Lace**—Handsome variety, smooth white pop corn; fine popper and produces heavily. Per lb. 10¢, postpaid 18¢, choice single ears 5¢.

## FIELD CORN.

We carry a well selected stock of the best varieties of Field Corn.

SEE "FIELD SEEDS."



Giant Fodder Corn. See "Field Seeds."

# CUCUMBER.

Cucumbers succeed best in warm, rich, sandy loam, and should not be planted in open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way, and, when all danger from insects is passed, thin out the plants, leaving three or four of the strongest to each hill. The fruit should be gathered when large enough, whether required for use or not; if left on the vines longer it destroys their productiveness. Sow liberally, as the yellow bug will require a part, and it is best to have a surplus of plants. A large shovelful of well rotted manure should be mixed in each hill.



Green Prolific.



Early Cluster.

- Early Russian**—Valuable on account of its extreme earliness and prolific character: is about three inches long when fit for use; flavor pleasant and agreeable. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.
- Early Cluster**—A short, prickly, seedy variety, bearing in clusters near the root; comes to maturity very early. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.
- Early Frame**—The standard sort for table and pickling, of medium size, straight and handsome. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.
- Green Prolific**—Excellent variety for table use, being very tender and fine flavored, and makes a hard, green pickle. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.
- Boston Pickling**—Short variety of good form, and very productive; one of the best for pickling. Oz. 10¢, ¼ lb. 20¢, lb. 60¢.
- White Dutch**—This fine variety from Germany grows to a large size, and is of excellent quality and superior flavor. Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 75¢.
- Japanese Climbing**—It bears abundantly throughout the season, while the climbing habit enables the hanging fruit to grow perfectly straight, from twelve to sixteen inches in length; the cucumbers are thick, tender, and of delicate flavor; flesh white, skin dark green, turning to brown, and netted when ripe. Pkt. 5¢, oz. 10¢, ¼ lb. 30¢, lb. \$1.00.



Early Frame.



White Spine.



Long Green.

**Improved White Spine**—The best sort for the table; grows uniformly straight and smooth, dark green with white prickles, tender and excellent flavored. The fruit retains its fresh appearance much longer than any of the yellow varieties. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

**London Long Green**—Excellent variety, about one foot in length, dark green, firm and crisp. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

**Small Cherkins, or Burr**—Used exclusively for pickling; very small, length two to three inches; a strong growing sort. Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 75¢.

**Serpent, or Snake**—A remarkable and very interesting curiosity. The cucumbers grow curled up like a snake, with head protruding, and are sometimes six feet in length; can be used for pickling, but grown mostly as a curiosity. Pkt. 5¢, oz. 20¢.

## Egg Plant.

Sow seed in hotbeds in March or April. Plant out about June 1st, two and one-half feet apart. Those who have no hotbeds can sow sufficient seed in boxes in the house for a small garden.



Egg Plant.

**Improved New York Purple**—The favorite market variety, of large size, smooth, deep purple skin, free from thorns, white flesh, and tender. It is readily distinguished from either the large round or long purple varieties, the plants being much more robust, with leaves and stems thickly set with spines. Pkt. 5¢, ½ oz. 20¢, oz. 35¢, ¼ lb. \$1.00, lb. \$3.50.

## GARLIC.

Prepare the ground the same as for onions, and plant the bulbs in drills eight inches apart, and four inches apart in the rows, and cover two inches deep. When the leaves turn yellow, take up the bulbs and dry in the shade, and lay them up in a dry loft as you would onions

**Bulbs**—¼ lb. 10¢, lb. 30¢.

If you order Garlic Bulbs by mail, add 8c a lb. for postage.

## LEEK.

Sow early in the spring in drills fourteen inches apart, and thin to six inches. Hoe the earth up to them in the course of cultivation.

**Large Scotch, or Flag**—Broad leaves growing on four sides, like a flag; a favorite variety. Pkt. 5¢, oz. 15¢, ¼ lb. 40¢, lb. \$1.00.

**Roots**—Per doz. 20¢, per 100 \$1.00.

Roots by mail, 10 cents extra per dozen.



Dwarf Green Curled Kale.

## KALE.

**Borecole, Kale, or German Greens**—Are general terms applied to those classes of cabbages which do not form heads, but are used in their open growth. Some of the varieties are the most tender and delicate of any of the cabbage tribe. They are hardy, and are improved rather than injured by the frost. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 25¢, lb. 75¢.

## KOHL RABI.

Cultivated same as directed for cabbage, taking care to set the plants no deeper than they stood in the seed bed, and in hoeing not to heap too much earth about them.

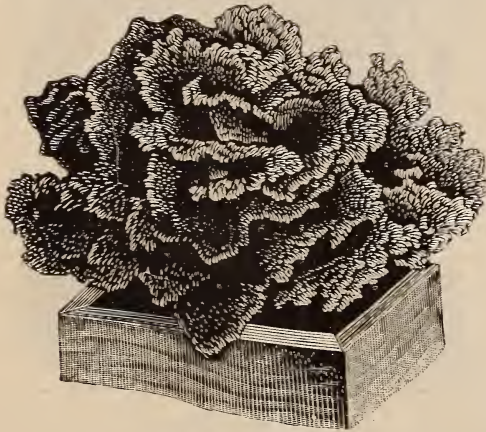
**Early White Vienna**—The earliest and best for forcing; very tender, and excellent for table use. Pkt. 5¢, oz. 15¢,  $\frac{1}{4}$  lb. 50¢, lb. \$1.50.

**Early Purple**—Similar in habit to *Early White Vienna* but differs in color, which is a bluish purple. A very handsome variety. Pkt. 5¢, oz. 15¢,  $\frac{1}{4}$  lb. 50¢, lb. \$1.50.

**Large Green**—A good sort for summer and autumn use. Pkt. 5¢, oz. 15¢,  $\frac{1}{4}$  lb. 45¢, lb. \$1.25.

## LETTUCE.

**LETTUCE** is one of the most extensively cultivated plants, and should find a prominent place in every garden. One of its principal requirements being good, rich soil. For early use sow under glass in February or early March, and transplant as soon as the ground can be nicely worked. Sowings may be made in the open ground from April to the middle of August every two or three weeks for succession. It may also be sown in the fall of the year, and transplanted to cold frames and wintered over the same as early cabbage. Lettuce must have good ground and abundant moisture.



Black Seeded Simpson.

**Early Curled Silesia**—A superior early variety of very strong growth; leaves large, light yellow, wrinkled, large loose head of excellent flavor. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 25¢, lb. 75¢.

**Early White Cabbage**—An open spreading lettuce, grown most for an early spring salad; color light yellow. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 25¢, lb. 75¢.

**Early Curled Simpson**—An improvement on the old *Curled Silesia*; very early; fine for forcing. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 25¢, lb. 75¢.

**Black Seeded Simpson**—Similar in habit to above but much larger, and of lighter color, very crisp and tender, stands the heat of summer well. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 25¢, lb. 75¢.

**Denver Market**—An early variety of head lettuce, either for forcing or open ground. It forms large solid heads of a good light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered (like the *Savoy* cabbages), and are very crisp and tender, and of excellent flavor. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 35¢, lb. \$1.00.

**Grand Rapids Forcing**—This grand new variety stands more neglect in the way of watering and ventilation, will grow more weight on the same ground, and will stand longer after matured than any other variety. It is of handsome appearance, and a strong grower. Its upright habit admits of very close planting, and it matures two weeks earlier than *Tennis Ball* or *Boston Curled*. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 35¢, lb. \$1.00.

**Golden Ball**—Distinct from all other sorts; color a delicate golden yellow, retaining the same beautiful color throughout the season, which enhances its value as a seller for market gardeners. It is very crisp, tender, and excellent in flavor. Good for forcing. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 25¢, lb. 75¢.

**Hanson**—Large, solid, and of fine flavor. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 25¢, lb. 75¢.

**Tennis Ball**—(Black Seeded)—Forms a close, hard head, with a few outer leaves. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 25¢, lb. 75¢.

**Prize Head**—For general use no lettuce has ever given such universal satisfaction; forms a large, close head, very crisp and tender, and of excellent flavor and has the faculty of keeping its good qualities throughout the entire season. We recommend this as one of the best for family use. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 25¢, lb. 75¢.

**Oak Leaved**—This differs from all other varieties, in the fact of its having oak-shaped leaves, which are light green and very tender; very slow in running to seed; heads compact. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 25¢, lb. 75¢.

**Large Drumhead, or Victoria Cabbage**—The largest of heading lettuces, forming an immense loose head, bright green without and light green or white within. Leaves very large, strongly veined, coarse, but the inner ones are very crisp and tender. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 25¢, lb. 75¢.

**Brown Dutch**—An old sort noted for its hardness. It always forms a large, solid head, somewhat coarse looking; fine quality. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 30¢, lb. 90¢.



Prize Head.

# MELON-MUSK.

**CULTIVATE** as recommended for cucumbers, except that the hills should be six feet apart. Rich earth for the young plants is far better than manure, but if the latter must be used, see that it is well rotted. If the plants grow very rank, more and finer fruit will be secured by pinching off the ends of the shoots when about three feet long. The quality of melons of all varieties is largely dependent upon conditions of growth and ripening. Unhealthy vines, or unfavorable weather, produce fruit of comparative poor flavor.

**Columbus Musk Melon**—One of the best melons for shipping as well as for home use. This is not only one of the best melons as far as size, quality, and productiveness is concerned, but it is also one of the handsomest. The melons are nearly round, densely netted, with hardly any perceptible ribs; the skin is a beautiful buff color, the flesh is green and very thick and solid, leaving only a small seed cavity; the flavor is of the very best. The melons average from ten to fifteen pounds each and are very solid, never burst, and can be safely shipped long distances. They are excellent shippers. They ripen with the *Hackensack*, are heavy yielders and good keepers. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

**Golden Gem**—Uniform in shape and size, skin green and thickly netted, flesh of a light green color, and the inside surface, when cut open, being a beautiful golden color. They are extra early in ripening and productive. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

**The Early Hackensack**—A popular variety, of large size. It is round in shape, flattened at the ends; is of most delicious flavor, and wonderfully productive. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

**Miller's Cream, or Osage**—One of the best. The flesh is of a rich salmon color, very thick, sweet, and melting in quality. The rind is thin and finely netted. They average about the size of the *Golden Gem*, but of handsomer shape and appearance; vines grow strong and are very productive. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.



*Columbus Musk Melon.*

**Skillman's Fine Netted**—A rough, netted variety; flesh green, very thick, firm, sugary, and of the most delicious flavor. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

**Bay View**—Fruit long, and of the largest size, often weighing from fifteen to seventeen pounds under high culture, deeply ribbed, covered with coarse netting; flesh green, thick, and of fine flavor. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

**Improved Nutmeg**—Is globular shaped, flesh green and very highly scented. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

**Motreal**—Grow to a large, uniform size. The flesh is remarkably thick, and of good flavor for so large a melon. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

**The Grand Rapids Early Market**—Is of good flavor, but the main points in its favor are its extreme earliness, large size and attractive appearance. There is nothing we can so highly recommend for fancy grocer and hotel trade. Unlike many melons of this type, the Grand Rapids Early Market will stand shipping long distances with splendid results. It is an all around money maker, and no gardener that is "up-to-date" should be without it. Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 75¢.



*Grand Rapids Early Market.*

**Surprise**—Very fine melon, thick fleshed, and of excellent flavor. It is round, with a thin, cream colored rind, thickly netted; flesh of a deep salmon color. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

**Large Yellow Cantaloupe**—Good size, nearly round fruit, netted and slightly ribbed; flesh salmon color, thick, musk flavored. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

## MELON PEACH.

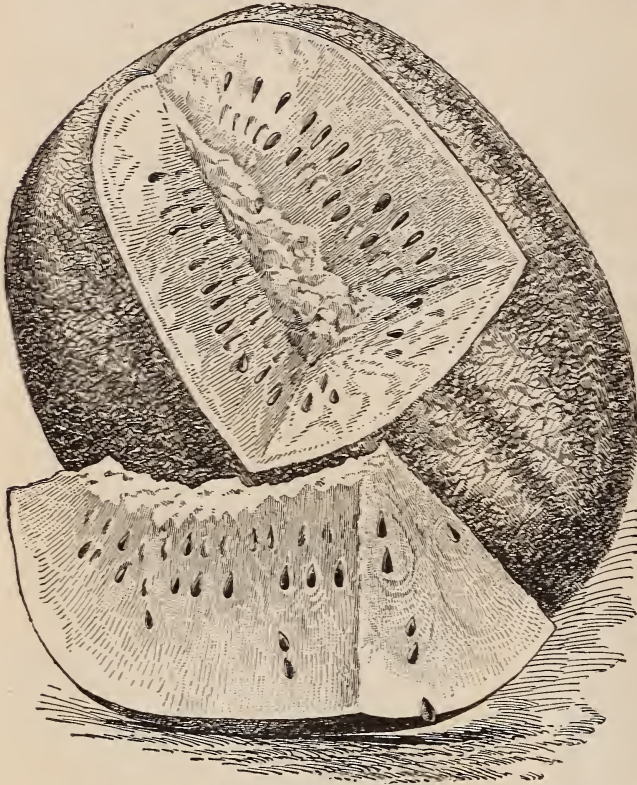
Grows on a vine like a melon, and is of golden yellow color, resembling an orange in shape and size; the flesh is snow white. They make splendid mangoes, stuffed with cabbage like peppers. When they first ripen they are tasteless, but they soon become mellow and sweet. For sweet pickles, pies, or preserving they have no equal. Pkt. 5¢.



*Miller's Cream.*

# MELON-WATER.

THE essential thing is to get a good, strong vine early in the season, which may be secured by forming a large well drained hill of rich earth, avoiding the use of manure in such a way as to cause the plant to dry out under the hot sun. On this hill plant the seed as soon as the ground is warm and dry, and carefully protect the young plants from insects, and hasten their growth by the use of liquid manure.



*Sweetheart Water Melon.*

**Phinney's Early**—Very early and of good quality, flesh deep red. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 60¢.

**Striped Cypsy**—Oblong, light green, striped with white. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 60¢.

**Scaly Bark**—An excellent variety of great value, remains in choice eating condition from ten to fifteen days after being pulled; flesh crimson, solid, tender, and of fine flavor. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 50¢.

**Dark Icing**—A very solid sort with a dark, thin rind, nearly round, medium size, very delicious and a good shipper. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 60¢.

**Sweetheart**—An entirely new and distinct water melon, which is early, large, handsome, heavy, good shipper, long keeper, bright color, and best quality. Car loads of *Sweethearts* were sold at fancy prices when no other was saleable. Vine vigorous and productive, ripening its fruit early. Fruit large, oval, heavy, uniformly mottled, light and dark green, rind thin but firm, flesh bright red, firm, solid, but very tender, melting and sweet. Remains in condition for use longer than any other sort. Seeds gray. This melon is sure to become one of the most popular in cultivation. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 60¢.

**Duke Jones (New)**—This melon is an improvement on the large varieties. It is very much the same shape as the *Kolb Gem*, but grows to a larger size, is of delicious flavor and a sure favorite wherever grown. Dark green rind, bright red flesh, early, prolific, very large. It has all the good qualities of a perfect melon. Try it and be convinced. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 60¢.

**Florida Favorite**—One of the largest and best in cultivation. It attains an enormous size, the flesh is a beautiful clear crimson, extending close up to the rind, which is hard, thin, and beautifully mottled light and dark green. The flesh is crimson and melting, the flavor sweet, making it one of the very best in cultivation. Try it. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 60¢.

**Kentucky Wonder**—Oblong in shape, skin dark green, flesh a beautiful scarlet color, crisp, and not tough, rich and sugary flavor, always firm and never mealy. Attains an average weight of forty to sixty pounds. Not a mammoth variety, but a real good, old-fashioned Kentucky melon that has no equal for quality. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 50¢.

**The Dixie**—A cross between *Kolb's Gem* and the *Mountain Sweet*, but far superior to the former, being larger, earlier, and much more productive. The Dixies extremely sweet, juicy, and tender. As a shipping melon it is unequaled. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 50¢.

**Green and Gold**—The largest early variety in cultivation; slightly oval, dark green outside, with blotches of fawn color when ripe. Flesh yellow as gold, sweet as sugar, and of unequalled flavor. Seed white, with pink shade around the edges. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 50¢.

**Cuban Queen**—The skin is beautifully striped, dark and light green, flesh bright red, solid and crisp; its great size and handsome appearance make it a valuable market variety. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 50¢.

**Mammoth Ironclad**—Shape most perfect. Skin handsomely striped, flesh beautiful scarlet, of most delicious rich sugary flavor. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 50¢.

**Ice Cream**—Medium size, oblong shape and thin rind, flesh bright crimson, and of fine flavor. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 50¢.

**Kolb Gem**—Is a hybrid of *Scaly Bark* and *Rattlesnake*. The rind, though quite thin, is very tough; best keeping and shipping melon ever grown. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 50¢.

**Black Spanish**—Round, very dark green, flesh scarlet, has a thin rind, and very sugary flavor. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 50¢.

**Mountain Sweet**—The sweetest and most delicious of all water melons; shape long and oval, color dark green, flesh scarlet, solid and melting, rind thin. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 50¢.

**Mountain Sprout**—A large, long shaped variety with bright scarlet flesh. A standard sort. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 50¢.

**Citron, for Preserving**—Grows uniformly and smooth, striped and marbled with light green, flesh white and solid. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 25¢, lb. 75¢.

**The Kansas Stock Melon**—Grown extensively in Western Kansas and Eastern Colorado. Is immensely productive, and can be fed to stock same as turnips and beets. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 50¢.



**MUSTARD.**

Mustard is not only used as a condiment, but the green leaves are used as a salad, or cut and boiled like Spinach. Culture should be the same as that of Cress.



Mustard—Southern Giant.

**South Giant Curled**—This mustard is very highly esteemed in the South, where the seed is sown in the fall and the plants used very early in the spring as a salad. Seeds are black. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

**White London**—Best for salads. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 40¢.

**OKRA.**

Plant late in the spring, after the ground has become warm, in hills about two and one-half feet apart, and thin to three plants in a hill. Hoe often and hill up a little to support the stem.

**Dwarf Green**—Early and very productive, small pods, Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**White Velvet**—This new Okra produces pods larger than any other. They are never prickly to the touch, and are always round and smooth. It is very productive, and will out-yield any other sort. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**ONION.**

**OW** in the earliest opening of the spring, in light, rich soil, in drills twelve inches apart, covering the seed lightly. If large onions are wanted, thin to three or four inches. For field culture, sow from four to six pounds of seed to the acre. Onion Sets and Top Onions are set out in the spring or fall, in shallow drills twelve inches apart and four inches between them, on rich and well prepared ground.

**Danver's Yellow**—A thick, heavy, straw colored onion, mild flavored, yields abundantly, ripens early, and keeps equal to the best. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$1.75.

**Wethersfield Large Red**—The variety mostly grown. Large size, approaching to round shape, fine grain, pleasant flavor, color deep red, very productive and keeps well. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$1.75.

**White Portugal**—A mild, pleasant onion, grows to a fair size and handsome shape, but is hard to keep, being liable to gather moisture unless spread very thin. Pkt. 5¢, oz. 25¢, ¼ lb. 80¢, lb. \$2.50.

**Large White Globe**—A large, handsome, globe shaped onion. The skin and flesh of a beautiful clear white. The flesh is firm and very fine grained, and exceedingly mild in flavor. It is a splendid keeper. Pkt. 5¢, oz. 25¢, ¼ lb. 80¢, lb. \$2.50.



Prize Taker.

**Prize Taker**—A new variety which has proved to be an excellent keeper, of finest flavor, handsome shape, and enormous size, many single onions having been raised to weigh 5 lbs. and over, from seed the first year. It is of the same type as those immense imported onions, which can be seen in fruit stores, and always command a very high price. The Prize Taker grows always to be a perfect globe shape, with a bright straw colored skin; the necks are very small, and the onions always ripen up hard. Pkt. 5¢, oz. 20¢, ¼ lb. 65¢, lb. \$2.00.

**New Mammoth Pompeii**—A very fine Italian variety. It has produced onions weighing from four to five pounds each. The skin is a delicate red, the flesh is close grained and nearly white. It is of a mild flavor, and in sections where onions can be sown during autumn, this variety if transplanted in April, will attain a larger size than any variety we know of. Pkt. 5¢, oz. 25¢, ¼ lb. 80¢, lb. \$2.50.

**Extra Early Red**—Smaller, lighter color and more flat shaped than the *Large Red*; close grained and heavy; very productive. Pkt. 5¢, oz. 20¢, ¼ lb. 65¢, lb. \$2.00.



# ONION SETS, TOPS, ETC.



Bottom Sets.

**ONION SETS** and Tops should be planted near the surface, in drills about twelve inches apart and four inches in the rows. They must have high culture for best results. These last are valuable for early use, and where onions from the seed cannot be raised the first year they are essential.

*These are the prices ruling in January; later they may be higher, owing to shrinkage.*

## TOP SETS.

**Winter or Perennial Onions**—This variety never forms a large bulb; their value lies wholly in their special adaptability for producing green onions for spring or fall use, particularly the former, soon attaining a marketable size; perfectly hardy. Qt. 10¢. gal. 25¢, bu. \$1.50.

**Top Sets**—This onion produces no seed; the set produces one large onion the first year, which planted the next spring, produces the top onions. Qt. 15¢. gal. 50, bu. \$3.00.

## BOTTOM SETS.

Bottom Sets are raised by sowing the seed late in the spring at the rate of about thirty pounds to the acre.

**Red Bottom Sets**—Qt. 15¢, gal. 50¢, bu. \$3.00.

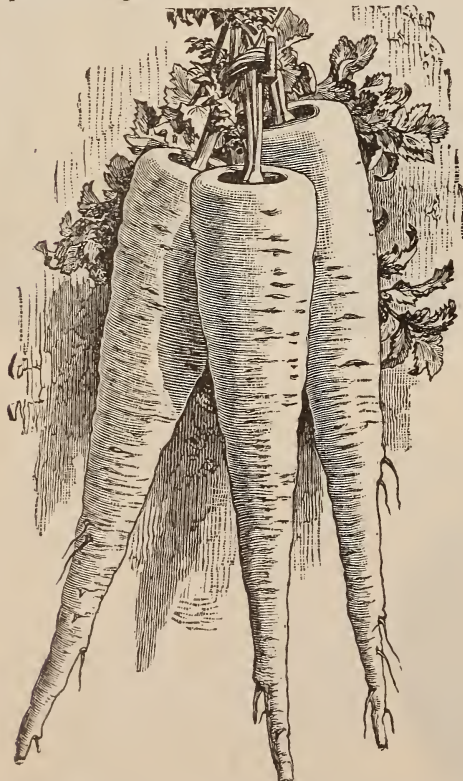
**Yellow Bottom Sets**—Qt. 15¢, gal. 50¢, bu. \$3.00.

**White Bottom Sets**—Qt. 20¢, gal. 60¢, bu. \$3.50.

*If by mail add 15¢ per quart for postage.*

## PARSNIP.

Spade the soil deep and sow early in the spring in fifteen inch drills, thin four to six inches apart. Keep the ground free from weeds, and the surface open by frequent stirring with the hoe.



**Long Smooth**—Considered the best in cultivation; roots long, white, smooth; free from side roots, tender and sugary, and most excellent flavored. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 50¢.

## PARSLEY.



Soak the seed a few hours in warm water, and sow very early in the spring. Parsley seed is slow to germinate, particularly if sown late in the season, when it often fails in dry weather.

**Plain**—A well known variety. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Curled or Doubled**—Dwarf and tender; beautifully crimped and curled. Pkt 5¢ oz. 10¢ ¼ lb. 25¢, lb. 75¢.



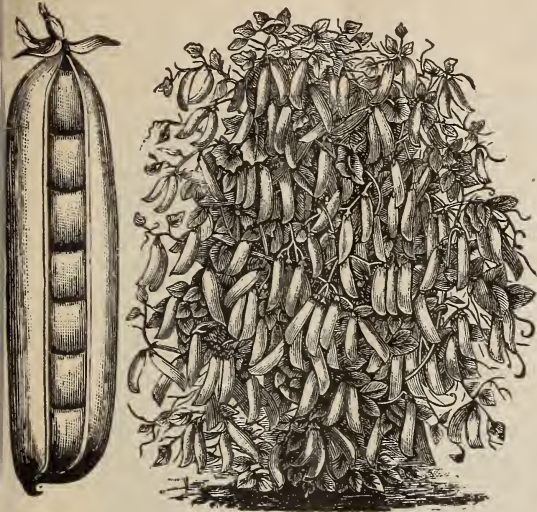
Cayenne Long Red Pepper,



# PEAS.

**P**LANT as early as the ground will admit of being worked. Drop the dwarf kinds about twenty inches, and the taller kinds about three to four feet apart, in rows, covering the seed about two inches deep. When well up, set brush along the rows, corresponding with the height of the pea cultivated.

Postage 15 cents per quart extra on peas by mail; packets free.



First and best.

**Alaska**—The earliest pea known, and ninety per cent. of the pods can be gathered at the first picking. The most desirable extra early pea for market gardeners ever offered. Pkt. 5¢, qt. 25¢, gal. 75¢, bu. \$5.00.

**Champion of England**—Of the late wrinkled varieties, probably used more generally than any other; delicious flavor and a large bearer; usually accepted as the standard; height five feet; late. Pkt. 5¢, qt. 20¢, gal. 60¢, bu. \$4.00.

**Dwarf White Marrowfat**—A large, delicious, marrow pea; very prolific and a favorite with market gardeners; height two feet. Pkt. 5¢, qt. 15¢, gal. 50¢, bu. \$3.00.

**Black-Eyed Marrowfat**—Excellent for garden or field growing; from three to four feet high. Pkt. 5¢, qt. 15¢, gal. 40¢, bu. \$2.75.

**Large White Marrowfat**—Cultivated extensively for the summer crop; about five feet high and of strong growth. Pkt. 5¢, qt. 15¢, gal. 40¢, bu. \$2.75.

**First and Best**—Very early, of excellent flavor, and ripens with great uniformity; height two and a half feet. Pkt. 5¢, qt. 20¢, gal. 60¢, bu. \$4.00.

**Extra Early Kent**—Early, productive, and one of the most popular and esteemed peas; height two and one-half feet. Pkt. 5¢, qt. 20¢, gal. 60¢, bu. \$4.00.

**American Wonder**—An early and prolific dwarf pea of most exquisite flavor; vines grow from eight to ten inches high. Pkt. 5¢, qt. 30¢, gal. 90¢, bu. \$6.00.

**McLean's Little Gem**—A dwarf, green, wrinkled variety, growing one foot high; very prolific, of superior flavor, and very early. Pkt. 5¢, qt. 20¢, gal. 75¢, bu. \$5.00.

**Tom Thumb**—Very early and prolific, growing only ten to twelve inches high; require no sticks. Pkt. 5¢, qt. 20¢, gal. 65¢, bu. \$4.50.

**Dwarf Gray Sugar**—(Edible Pods)—The most desirable of all edible pod peas; early and prolific, pods broad, and contain five or six peas; one foot high. Pkt. 5¢, qt. 25¢, gal. 75¢, bu. \$5.00.

## Bliss' Ever Bearing—

A cross between the *Little Gem* and the *Champion of England*; height of vine eighteen inches to two feet; pods three to four inches long, well filled; pea very large and unsurpassed in sweetness and flavor. Pkt. 5¢, qt. 20¢, gal. 65¢, bu. \$4.50.

## Stratagem—

(Wrinkled)  
One of the finest peas grown; height two feet; many of the pods measure nearly five and one-half in. in length, and contain as many as ten large, fine flavored wrinkled peas. Pkt. 5¢, qt. 25¢, gal. 75¢, bu. \$5.00.



## PEPPER.

Sow early in a hotbed or in open ground in a seedbed, about the middle of spring, in light, warm ground. Transplant when three inches high, one foot apart, in eighteen inch drills.



Ruby King.

**Long Red Cayenne**—A long, red, tapering variety, of dwarf growth, very hot and pungent. Pkt. 5¢, oz. 20¢, ¼ lb. 50¢, lb. \$1.50.

**Ruby King**—A mild flavored pepper of large size, from four to six inches long, by three and one-half to four inches thick; the plant is of sturdy, bushy habit, and each produces from six to twelve large, handsome fruits; when ripe they are of a beautiful bright ruby red color, and are always remarkably mild and pleasant to the taste; unequaled by any other variety. Pkt. 5¢, oz. 20¢, ¼ lb. 50¢, lb. \$1.50.

**Large Bell, or Bull Nose**—A large sort of square form, mild, thick, and hard, suitable for filling with cabbage, etc. Pkt. 5¢, oz. 20¢, ¼ lb. 50¢, lb. \$1.50.

**Sweet Mountain, or Mammoth**—A variety of nearly the same form, but much larger than the one described. Used for pickling. Pkt. 5¢, oz. 20¢, ¼ lb. 50¢, lb. \$1.50.

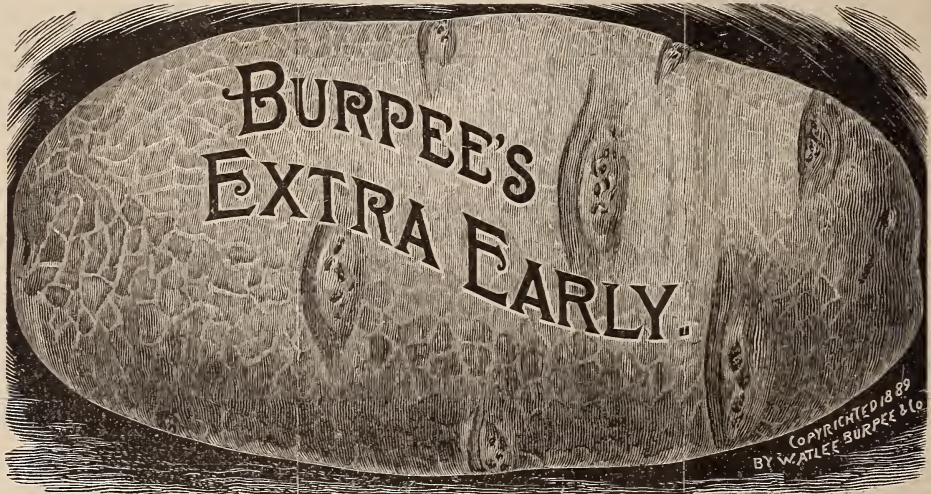
**Mammoth Golden Dawn**—Of perfect shape and uniformly large size, very productive, from fifteen to twenty perfect fruits on a single plant; color bright waxy golden yellow; flavor mild and pleasant. Pkt. 5¢, oz. 20¢, ¼ lb. 50¢, lb. \$1.50.

**Child's Celestial**—A fine, sharp-flavored pepper of transcendent beauty, setting its fruit early and continuing until cut down by frost. A well-grown plant will show peppers in every stage of growth, and in three or four different colors, according to the stage of ripeness—creamy white, pink and vivid scarlet, all on the bush together, a most novel and wonderful sight. It is perfectly charming, as beautiful as a pot plant when in full bearing, showing such quantities of fruit of so many distinct colors. Pkt. 5¢, oz. 30¢, lb. \$3.00.

# CHOICE SEED POTATOES.

**OUR POTATOES** are all selected carefully, with a view to have each variety pure and true to name. Seed Potatoes cannot be shipped during cold weather. All orders received before it is safe to ship will be promptly acknowledged and the potatoes forwarded as soon as the weather permits. Always state whether you want them by freight or express.

This Catalogue is printed early in January, and it is impossible at that time to say exactly what potatoes will be worth three months later; therefore, we have to quote the prices we think they will be, but if any lower at the time of planting than herein quoted, we will sell them lower, and assure you that we will always send you all that your money pays for.



**Burpee's Early**—The potatoes are uniformly of good size, entirely free from rough or scabby tubers, with very few small ones; oblong in shape, very smooth eyes, set well on the surface, skin creamy white, slightly shaded with pink; the flesh is pure white, remarkably fine grained, and of the *very best table quality*. The tubers grow very compactly in the hill, with strong and vigorous foliage of an intensely dark green; it is a sure cropper, *immensely productive*, and will undoubtedly become the **STANDARD EXTRA EARLY POTATO** of the near future. By express or freight, peck 25¢, bu. 75¢.

**Early Six Weeks**—The Early Six Weeks is very evidently a seedling from the *Ohio*, which it very closely resembles in every way, but is earlier, makes rather taller stalks, and appears to yield better on upland than that fine variety. It is well described as growing medium to large size; oblong to round in shape; skin light pink; flesh white; shape smooth; eyes near the surface; tubers grow close together in the hill. The potatoes grow so rapidly that, under favorable circumstances, they are fit for family use *in six weeks from time of planting*, and mature in between ten and eleven weeks. We find it a good yielder, and though not so extraordinary productive as some claim, still a *remarkably good cropper for so early a sort*. It revels in moist land. Peck 25¢, bu. 75¢.

**Early Ohio**—Is still one of the best standard early potato for this section of the country. Home grown, Peck 20¢, bu. 60¢; Northern grown, peck 30¢, bu. \$1.00.

**The Irish Daisy**—(*New Late Potato*)—This new late potato is a seedling of *Empire State*. It grows uniformly to good size, with shallow eyes, skin bright straw color, flesh pure white and enormously productive. The vines are very stocky and vigorous in growth, dark green, withstand the drought better than any other late potato, and are absolutely blight proof. Peck 40¢, bu. \$1.00.

**Rural Blush**—An excellent variety, having a beautiful blush skin, while the flesh is slightly tinged with pink. It is of first rate quality, and cooks through dry and evenly. A very heavy yielder. Peck 20¢, bu. 60¢.

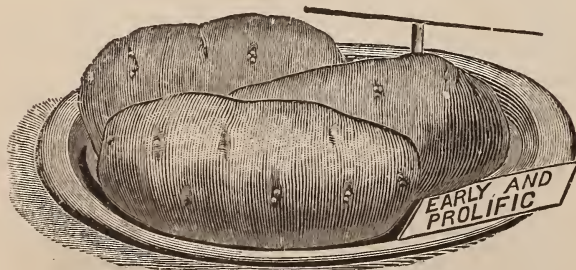
**Dakota Red**—The tubers are large, handsome, long wedged shaped; flesh white, eyes few, skin firm and flesh colored; quality good. Peck 20¢, bu. 60¢.

**White Star**—The vine is strong; the foliage is very abundant and vigorous; the tubers are produced abundantly in compact cluster; are large, oblong, of a uniform size, and very handsome. The skin is white, covered with a minute russet netting; flesh white and of the finest quality. Peck 20¢, bu. 60¢.

**Mammoth Pearl**—A great favorite wherever tried on account of its productiveness and handsome appearance. In shape it is oblong, skin white, eyes few and even with the surface. It ripens in August. Peck 20¢, bu. 60¢.

**White Peachblow**—A very vigorous grower, the vines completely covering the ground. It excels the common *Peachblow* in quality and productiveness. An excellent keeper. Peck 25¢, bu. 75¢.

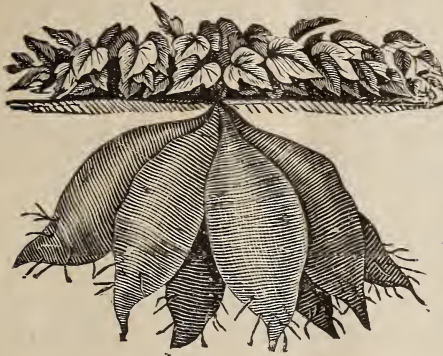
**Rose Seedling**—Shape oblong, color pink; large size and a great yielder. The quality is good and is an excellent keeper. Should be planted from the first to the fifteenth of June. Peck 20¢, bu. 60¢.



Early Six Weeks,

Our Seed Potatoes represent well known and tried varieties, carefully selected, and may be depended upon as being pure and true to name.

# SEED SWEET POTATOES.



Early Red Jersey.

OUR SWEET POTATOES are all well selected for the purpose of seed, and we know they will give perfect satisfaction.

We ship only in favorable weather, carefully packed, but owing to their perishable nature, we can not hold ourselves responsible for their condition on arrival at destination.

Prices subject to change.

See "Novelties" for new variety in Sweet Potatoes.



The Bronze.

**The Bronze**—A new and valuable variety. The vines resemble those of the *Black Spanish*, the outside skin is of a bronze color, flesh white when cooked, and very sweet. In addition to its beauty and superior quality, this is the best keeper of any known variety. Peck 40¢, bu. \$1.25.

**Early Red Jersey**—An experienced gardener and sweet potato grower has grown this new sort for several years and claims that it excels all other early varieties in earliness and productiveness. Shape short, "chunky." Peck 40¢, bu. \$1.25.

**Early Red Bermuda**—The earliest and most productive; color purplish red; of large size and good quality. Peck 35¢, bu. \$1.00.

**Golden, or Strasburg**—Sometimes called *White Bermuda*. Color golden yellow, quality fine; very early. Peck 35¢, bu. \$1.00.

**Southern Queen**—Similar to *Strasburg*; color white. They grow to a large size, and are of a good table quality. Peck 35¢, bu. \$1.00.

**Yellow Nansemond**—A well known late variety which has become so acclimated to our climate that it is no more trouble to raise them than common potatoes. Peck 25¢, bu. 75¢.

**Yellow Jersey**—A fine late variety, somewhat later than the *Nansemond*, but not quite so hardy. Peck 25¢, bu. 75¢.

**Red Spanish**—Color a dark red, flesh pure white and of excellent flavor, shaped like the *Jersey*, but grows much larger; a good keeper. Peck 40¢, bu. \$1.25.

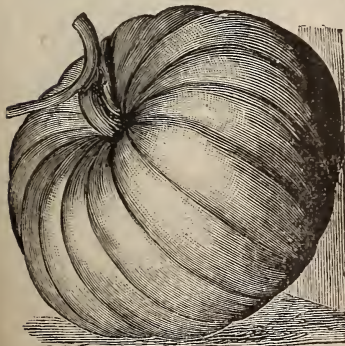
## SWEET POTATO PLANTS.

See Vegetable "Roots and Plants."

## PUMPKIN.

When warm weather has come, drop in hills ten to twelve feet apart. The pumpkin more properly belongs to the farm than to the garden, and is generally planted with corn.

**Tennessee Sweet Potato Pumpkin**—This pumpkin has no equal for making pies and custards; when cooked it has somewhat the appearance of sweet potatoes, but of more delicious taste; of medium size, pear shaped, a little ribbed, flesh thick creamy white, remarkably fine grained, dry and brittle, hardy and productive, and keeps perfectly sound until late in the spring. A general favorite wherever known. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.



Golden Mammoth.

**Golden Yellow Mammoth**—This truly colossal variety originated in France. Reliable growers there claim that with high culture it has frequently been grown to weigh over three hundred pounds. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Cushaw Crookneck**—Flesh yellow, fine grained and sweet; good for the table. Pkt. 5¢, oz. 10¢, ¼ lb. , lb. 50¢.

**Large Cheese**—Flat shaped and salmon colored; flesh thick, yellow, fine grained, sweet and well flavored. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 40¢.

**Connecticut Field**—Large, productive, and best for stock feeding. Pkt. 5¢, oz. 5¢, ¼ lb. 10¢, lb. 30¢.

## PIE PLANT, or RHUBARB.

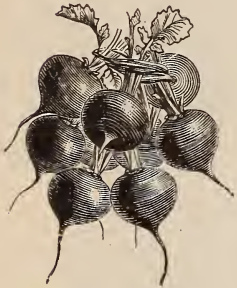
Sow in drills one foot apart early in the spring. In the fall or next spring transplant to three feet apart. Do not pluck the stalks until the third year.

**Myatt's Victoria**—Very large, rich flavor, and in high estimation. Pkt. 5¢, oz. 15¢, ¼ lb. 45¢, lb. \$1.25.



# RADISH.

**S**OW as early in the spring as the ground can be worked, and every two weeks for succession. Sow in twelve inch drills, and thin to two or three inches apart. Their good quality depends on their rapid growth and in having plenty of room to grow.



*Early Scarlet Turnip.*



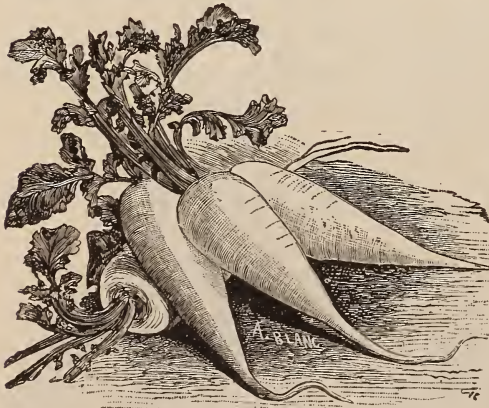
*Long Scarlet.*

**Early Scarlet Turnip**—Small, round turnip shaped, with a small top, of very thick growth, mild and crisp. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 50¢.

**Early Short Top Long Scarlet**—The standard sort; has a bright scarlet root and small top, grows quick, very brittle. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 50¢.

**White Strasburg**—Though not a new variety, it is one that should be 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¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 60¢.

**French Breakfast**—Medium size, olive shape, small top of quick growth; crisp and tender, of a beautiful scarlet color except near the root which is pure white. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 50¢.



*White Strasburg.*

**Rosy Gem**—This radish has won golden opinions in all sections of the country and is the earliest radish in cultivation. Their shape is globular, with deep rich scarlet top, blending into pure white at the bottom; tender, crisp and delicious, never becoming pithy or hollow. Very desirable for the market gardener. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 60¢.

**Felton's White Box**—This radish possesses all the excellent qualities of the popular *Philadelphia White Box*, and is superior in many respects. The shape is round and handsome, leaves are few and short, hence it can be sown more thickly than any other variety. The flesh is solid and unsurpassed in flavor. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 60¢.

**Long White Vienna**—*Lady Finger*—This is the finest long white radish, beautiful in shape, skin and flesh are pure snow white, crisp, and of rapid growth. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 60¢.

**Yellow Turnip**—An oblong, turnip shaped and russet colored sort, growing to a large size, with pretty large top. The best to stand the heat and drought of summer. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 50¢.

**White Turnip**—Like the *Scarlet* in shape, pure white. It is later, and will bear the heat longer without becoming spongy. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 50¢.



*Chartier.*

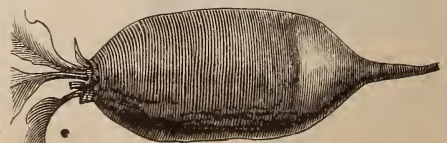


*Black Spanish.*

**Chartier, or Shepherd Radish**—Of American origin, and claimed to be the best variety for all purposes in cultivation, having no equal in size, shape, and quality; as early as the earliest; remains tender and crisp from four to six weeks after they are ready for use; grows to an immense size, deep pink in color at the top, shading to a pure white at the tip. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 60¢.

**Rose Colored China Winter**—Becoming very popular with our market gardeners. Shape half long, pink color, and flesh as solid as an apple; keeps well. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 50¢.

**Black Fall, or Spanish**—An oblong black radish, of large size and firm texture, with dark green leaves. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 50¢.



*French Breakfast.*

# SALSIFY

## OR VEGETABLE OYSTER.

It succeeds best in a light, well enriched soil, which should be stirred to a good depth. If it is necessary to use manure, it should be very fine and well rotted, for if it is fresh and coarse the roots will grow irregular and ill-shaped. Sow early and quite deep, giving the general culture recommended for parsnip. The roots are perfectly hardy and may remain out all winter, but should be dug early in the spring, as they deteriorate rapidly after growth commences. Store a quantity for winter use in a pit or in a cedar in damp earth or sand.

**Large White**—The old sort; roots medium size; smooth; flesh white. Pkt. 5¢, oz. 10¢, ¼ lb. 35¢, lb. \$1.00.

**Mammoth Sandwich Island**—This is in every way superior to the old sort, being larger, stronger growing and less liable to branch. Pkt. 5¢, oz. 15¢, ¼ lb. 40¢, lb. \$1.25.

# SPINACH.

Spinach should be planted in very rich ground, the richer the better. Sow in drills one foot apart, and commence thinning out the plants when the leaves are an inch wide. All should be cut before hot weather, or it will be tough and stringy. For early spring use the seed should be sown early in autumn. In the North the plants will require a slight protection of leaves or straw, but in the Southern States no protection is necessary, and they will continue their growth most of the winter.



Salsify or Vegetable Oyster.



Spinach, Savoy Leaved.

**Thick Leaved**—The main market sort; equally good for spring and fall sowing; leaves large, thick and fleshy. Pkt. 5¢, oz. 5¢, ¼ lb. 15¢, lb. 40¢.

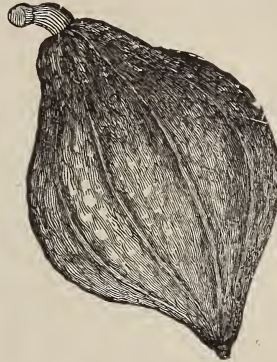
**Savoy Leaved**—A valuable variety. The leaf is wrinkled in same way peculiar to the Savoy Cabbage. Hardy and very productive. Pkt. 5¢, oz. 5¢, ¼ lb. 15¢, lb. 40¢.

**Long Standing**—Decidedly the best variety for spring sowing, as it stands fully two weeks longer than any other sort before running to seed. Pkt. 5¢, oz. 5¢, ¼ lb. 15¢, lb. 40¢.

**Prickly, or Fall**—Triangular, arrow shaped leaves; one of the hardiest, and most generally used for fall planting. Pkt. 5¢, oz. 5¢, ¼ lb. 15¢, lb. 40¢.

# SQUASH.

The plants are very tender and sensitive to cold, and planting must be delayed until settled warm weather. The general principles of culture are the same as those given for cucumbers and melons, but the plants are less particular as to soil. The summer varieties should be planted four feet apart each way, and the winter sorts eight feet. Three plants are sufficient for a hill. Care should be taken not to break the stems from the squashes intended for winter use, as the slightest injury will increase the liability to decay.



Hubbard.

**Early Summer Crookneck**—Very early; one of the best for summer use; color yellow, shell very hard when ripe. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**White Bush, or Patty Pan**—An early, flat, scalloped variety, pure white, a favorite early sort. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Yellow Bush Scalloped**—Like the White Bush in shape; deep orange in color. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Sibley**—(Pike's Peak)—A splendid variety, ripening at the same time as the Hubbard; outside shell pale green, flesh bright orange. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Perfect Gem**—Fruit nearly round, from four to six inches in diameter, with thin, smooth shell, slightly ribbed. We think it the best intermediate kind. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Marblehead**—Shell of more flinty hardness than the Hubbard. The flesh of a rather lighter color. Its yield and keeping properties are said to surpass that famous variety. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

**Hubbard**—The best table squash yet known. It has a hard shell, flesh fine grained, dry, and of an excellent flavor. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

**Boston Marrow**—A fall and winter variety; oval form, pointed, thin rind, fine grain, salmon colored flesh, remarkably sweet and delicious. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.



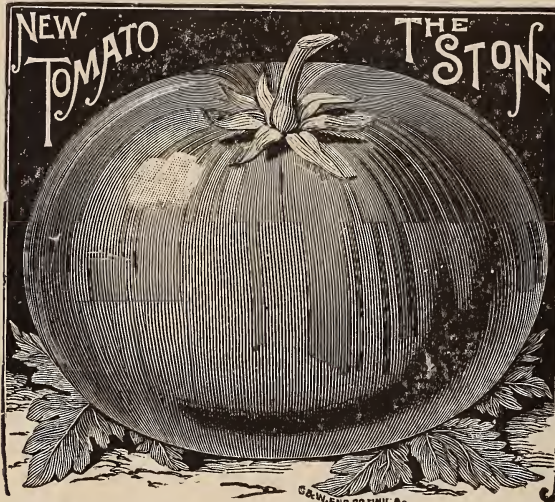
Mammoth Chili.

**Essex Hybrid Turban**—A valuable fall and winter variety. Very prolific, fine grained and yellow flesh, very sweet, dry and very desirable. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Mammoth Chili**—The "Jumbo" of all squashes, attaining the enormous weight of 150 pounds. Skin quite smooth, of orange yellow color; flesh thick. The most profitable to grow for stock. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

# TOMATO.

**TOMATOES** do best on light, warm, not over rich soil, and success depends upon securing a rapid, vigorous, unchecked growth during the early part of the season. Sow in hotbeds from six to eight weeks before being set out of doors, which is when danger from frost is past; when the plants have four leaves, transplant into shallow boxes or cold frames, setting them four or five inches apart; give plenty of air and endeavor to secure a vigorous but steady and healthy growth, so that at the time of setting in the open ground they will be strong and stocky. A slight check while the plants are small will materially diminish their productiveness. Set out doors as soon as danger from frost is over, but before doing so harden off the plants by gradually exposing them to the night air and by the withdrawal of water until the wood becomes hard and the leaves thick and of a dark green color.



- Extra Early Red**—Long cultivated as the earliest variety; desirable only before others mature. Pkt. 5¢, oz. 20¢, ¼ lb. 6¢, lb. \$2.00.
- Acme**—One of the earliest, and very handsome variety. Pkt. 5¢, oz. 20¢, ¼ lb. 6¢, lb. \$1.75.
- Livingston's Beauty**—Extra early, growing in clusters of four or five, very bright glossy crimson, solid, retains its color and size until late in the season. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$1.75.

**New Stone Tomato**—This tomato ripens for main crop; is very large and of a bright scarlet color, very smooth, with occasionally a specimen very slightly octagon shaped, ripening evenly to the stem without a crack; exceedingly solid and firm fleshed; not subject to rot. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$2.00.

**Livingston's Favorite**—Large and very early, color blood red, perfectly smooth, has few seeds, excellent for canning. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$1.75.

**Paragon**—An excellent variety; color a bright glossy crimson; large, and of an extremely fine flavor; for table use or canning has no superior. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$1.75.

**Trophy**—Large, smooth, very solid, and of fine quality. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$2.00.

**Dwarf Champion**—Its habit of growth is peculiar, for not only is it dwarf and compact, but the stem being thick, stiff, and short jointed, it is actually self-supporting when laden with fruit. In productiveness it is unsurpassed. It is also very early. The fruit is of a purplish pink color, always smooth and symmetrical, and the flesh solid and of fine quality. Can almost be called a tree tomato. The best variety to grow for plants for sale, as they are so stocky. Pkt. 5¢, oz. 25¢, ¼ lb. 75¢, lb. \$2.25.

- Upright or Tree**—A French variety, standing up like a tree without support of any kind; bears abundantly; fruits large, smooth, bright red color, and fine flavor; very ornamental as well as useful. Pkt. 5¢, oz. 25¢, ¼ lb. 75¢, lb. \$2.50.
- Pear Shaped Yellow**—Very fine for preserving and pickling, color a golden yellow. Pkt. 5¢, oz. 25¢, ¼ lb. 75¢, lb. \$2.50.
- Pear Shaped Red**—Same as above, excepting color. Pkt. 5¢, oz. 25¢, ¼ lb. 75¢, lb. \$2.50.

# TURNIP.

The spring crop should be got in early to bring them forward in advance of hot weather. Keep them clean of weeds. For winter use sow in August, at the rate of one pound to the acre.

- Early White Flat Dutch, or Spring**—Medium size, of quick growth, juicy, and of excellent quality; may be used either spring or fall. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 40¢.
- Red or Purple Top, Strap Leaved**—Has the form and character of the *White Top Strap Leaf*, except in color. Best for fall sowing; flesh fine grained and rich buttery flavor. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 40¢.
- Purple Top White Globe**—A variety of the *Purple Top Flat Turnip*, from which it originated; is globular in form, of beautiful appearance, excellent quality, and equally desirable for table or stock. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 40¢.
- Early Purple Top Munich**—A German variety, remarkably handsome, very early, a bright purplish red top and a fine mouse-tail root; very distinct and valuable. Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 75¢.
- White Top Strap Leaved**—A standard variety of the flat turnip; good marketable size, pure white, small top, with but few strap shaped leaves. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 40¢.
- White Egg**—A quick growing fall turnip, oval or egg shaped; flesh very firm and fine grained; an excellent table turnip. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 40¢.
- Large Yellow Globe**—Large, handsome, globular shaped; smooth, with rather small leaves; valuable for table use or stock. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 40¢.
- Large White Globe**—A fine large white sort, particularly desirable and valuable for a field crop. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 40¢.
- Long White, or Cow Horn**—Flesh white, fine grained and sweet, used most in stock feeding. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 40¢.



- RUTABAGA OR SWEDE TURNIP.**
- American Yellow Purple Top**—Hardy and productive; flesh yellow, solid, sweet, and fine flavored; good for stock or table use. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.
- Skirving's Purple Top**—A superior variety, hardy and productive; flesh yellow, of solid texture, large size. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.
- Sweet German**—White, solid, and fine flavor. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

# TOBACCO.

THE seed should be sown as soon as possible after the danger of frosts are over; a good plan is to burn a quantity of brush and rubbish in the spring on ground intended for the seed bed, then dig and thoroughly pulverize the earth and mix with the ashes, after which the seed may be sown and covered very lightly. When the plants are about six inches high transplant into rows six feet apart each way, and cultivate thoroughly.

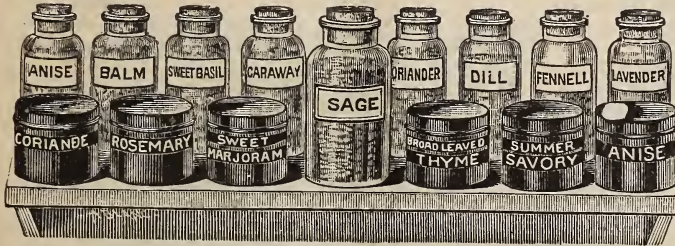
**White Burley**—Largely used for the manufacture of cigars, plug and fine cut tobacco, as the leaf of this variety readily absorbs a large quantity of manufacturing material. Pkt. 5¢, oz. 25¢, ¼ lb. 75¢, lb. \$2.50.

**Havana**—The Havana type is now considered the very best, and rare prices are paid for grown crops. Pkt. 5¢, oz. 30¢, ¼ lb. \$1.00, lb. \$3.50.

**Connecticut Seed Leaf**—Best adapted to the climate of the Middle and Northern States, as it is more hardy and endures the cold better than the tender varieties grown South. Pkt. 5¢, oz. 20¢, ¼ lb. 65¢, lb. \$2.00.



## SWEET AND AROMATIC HERBS.



Most of the varieties thrive best on a rich, sandy soil, which should be carefully prepared and well cultivated, as the young plants are for the most part delicate and easily choked out by weeds. Sow as early as the ground can be made ready, in drills sixteen to eighteen inches apart. Most of them should be cut when in bloom, wilt in the sun and thoroughly dry in the shade.

Anise—Biennial.....	Pkt. 5¢.
Balm—Perennial.....	" 5¢.
Basil, Sweet—Annual.....	" 5¢.
Caraway—Perennial.....	" 5¢.
Coriander—Annual.....	" 5¢.
Dill—Biennial.....	" 5¢.
Fennel—Perennial.....	" 5¢.

Lavender—Perennial.....	Pkt. 5¢.
Majoram—(Sweet)—Annual.....	" 5¢.
Rosemary—Perennial.....	" 5¢.
Summer Savory—Annual.....	" 5¢.
Sage—Annual.....	" 5¢.
Thyme—(Broad Leaved)—Perennial.....	" 5¢.

## VEGETABLE ROOTS AND PLANTS.

**Artichoke—(Jerusalem)**—A well known vegetable produced from tubers resembling potatoes; it makes an excellent food for stock. They are planted like potatoes, and as early as the ground will admit. Peck 35¢, bu. \$1.00.



Horse Radish.

- Asparagus Roots**—Two years old. Per 100, \$1.00.
- Chives**—For flavoring soups, salads, etc. Per clump 5¢, per dozen 50¢.
- Cabbage—(Early)**—Early Wakefield, Early Summer, and Early Winningstadt. Per 100 40¢, per 1000 \$3.00.
- Cabbage—(Late)**—Premium, Flat Dutch, Drumhead, Drumhead Savoy, and Red Du ch. Per 100, 40¢, per 1000, \$3.00.
- Cauliflower**—Dwarf Erfurt and Snowball. Per 100 75¢.
- Celery**—Boston Market, and White Solid. Per 100 75¢, per 1000 \$8.00. Good and strong transplanted plants.
- Egg Plants**—Improved New York Purple. Each 5¢, per dozen 50¢. Grown in 2½ inch flower pots.



**Horse Radish Roots** — Per doz. 20¢, per 100 \$1.00.

**Pepper**—Ruby King, and Golden Dawn. Each 5¢, per doz. 30¢.

**Pie Plant Roots**—Strong, two years old. Each 5¢, per doz. 50¢.

**Kohl Rabi**—Per 100 50¢.

**Tomatoes**—Acme, New Stone, and Beauty. Per 100 40¢, per 1000 \$3.00.

**Sweet Potatoes**—Early Red Bermuda, Golden, Red Spanish, Yellow Jersey, and Yellow Nansmond. Per 100 40¢, per 1000 \$3.00. The Bronze and Early Red Jersey, per 100 50¢, per 1000 \$4.00.

## THE PRICE FOR SWEET POTATO PLANTS

Is for the earliest plants; later in season prices are lower.

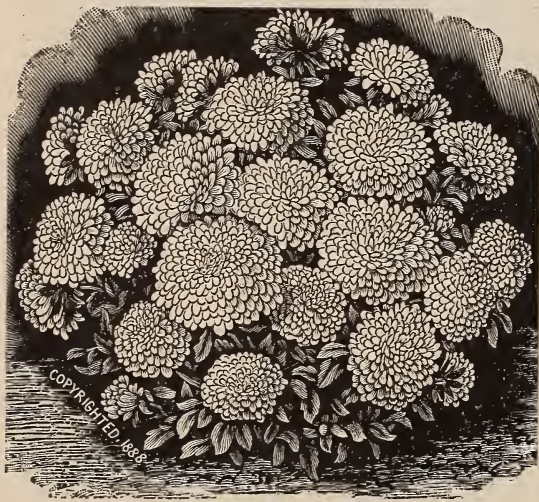
# COLLECTION OF CHOICE



**N**INE-TENTHS of the failures in flower culture come from improper treatment of the seeds and young plants. Cultural directions are given on nearly all our packets, and we urge every purchaser to study them carefully.

- For \$1.00 you may select seeds in packets amounting to \$1.25  
 For 2.00 you may select seeds in packets amounting to 2.50  
 For 3.00 you may select seeds in packets amounting to 3.75  
 For 4.00 you may select seeds in packets amounting to 5.00

We wish to call special attention to our strains of **ASTERS**, **PANSIES**, and **SWEET PEAS**. Having paid particular attention to these for years, we know that we now have the cream of these popular varieties.



*Dwarf German Aster.*

## ACROCLINIUM.

Everlasting flowers. Used for winter bouquets. Hardy annual. Mixed colors. Pkt. 5¢.

## ADONIS.

A hardy annual with bright scarlet flowers and fine graceful foliage. Grows well in the shade or under trees. In bloom from July until frost. Pkt. 5¢.

## AGERATUM.

Blooms constantly all summer in the garden, and, if removed to the greenhouse, all winter. Desirable for cut flowers for bouquets. Colors light blue and pure white. Start the seeds under glass and transplant. Hardy annual.

**Mexicanum**—Light blue. Pkt. 5¢.

**Imperial Dwarf**—White. Fine mixed. Pkt. 5¢.

## ALYSSUM, SWEET.

A favorite flower for bouquets. White, very fragrant, and producing a succession of bloom through the summer. Hardy annual. Pkt. 5¢.

## AMARANTHUS.

Useful in many situations, as the background of a flower border, or for making an ornamental hedge, or for a bed on the lawn. Hardy annual.

**Caudatus**—(*Love-Lies-Bleeding*)—Long, drooping "chains" of flowers. Very pretty for decorating. Pkt. 5¢.

**Tricolor**—Foliage plant; in perfection first season. Pkt. 5¢.

**Princes Feather**—Flowering somewhat similar to *Amaranthus Caudatus*, but in erect masses. Pkt. 5¢.

**Melanchollous Ruber**—Blood red foliage plant. Pkt. 5¢.

## ANACALLIS.

A fine trailing plant, very valuable for bedding purposes. Hardy annual. Fine colors, mixed. Pkt. 5¢.

## ANTIRRHINUM, OR SNAP-DRAGON.

Handsome free flowering border plants, with flowers of an interesting form, striped and spotted in many rich colors.

**Tom Thumb**—Mixed colors, beautifully spotted, one foot. Pkt. 5¢.

## ASPERULA.

A flower finely adapted to bouquets by reason of its shape, size, and delicate color; a light blue, or lavender. Half hardy annual. Pkt. 5¢.

## ASTERS.

The Aster is so well known and so universally admired that it hardly needs any description. For summer and autumn flowering they are unexcelled by any class of plants known to garden culture. None furnish a wider range of colors, or more perfect flowers, and but few are easier grown. Our seeds is imported from one of the best German growers.

**Boltz's New Dwarf Bouquet Aster**—Height eight inches; in fifteen fine colors: Carmine, carmine and white, rose, dark crimson, copper rose and white, white with red center, dark blue and white, dark blue, white, light violet with white center, white turning to rose, indigo blue with white center. Pkt. 10¢.

**Dwarf German Aster**—Height six to eight inches. In twenty splendid colors; white, white and carmine, dark lilac, light carmine, light blue, violet, carmine dark rose, violet and white light red and white peach blossom, copper brown, blood red, crimson, light lilac and white, cinnamon carmine. Pkt. 10¢.



**ASTERS—Continued.**

**New Dwarf Victoria Aster**—Height eight to ten inches. In eleven very splendid colors: white, rose and white, violet, lilac red, light blue, light blue and white, copper carmine, flesh color, rose, crimson. Pkt. 10¢.

**Improved Large Flowering Pæony Perfection Aster**—Height 1½ ft. In twenty-three finest colors: crimson, crimson and white, dark blue, carmine rose and white, dark crimson, light blue, light blue and white, light carmine, light carmine and white, purple violet, purple violet and white, rose, rose and white, silver white, violet and white, scarlet, scarlet and white, lilac, dark rose white tipped, red violet and white, flesh color, black violet. Pkt. 10¢.

**New Large Flowered Rose Aster**—Height 1¼ to 1½ ft. In fourteen splendid colors: carmine rose, carmine rose and white, dark violet crimson, snow white, dark rose, light rose turning to white, violet and white, light blue, dark scarlet, peach blossom, flesh color, red lilac, fiery scarlet. Pkt. 10¢.

**Cocardeau, or Crown Pæony Aster**—Height two feet. In eight fine colors: brown violet, dark blue, red lilac, dark red, light blue, red violet, copper rose, rose. Pkt. 10¢.

**BALSAM.**

One of the most beautiful and popular half hardy annuals. It is an old favorite, but so much improved in late years that it scarcely bears a resemblance to the old flower.



*Balsam, Pure White.*

**Carnation**—Double striped, like the Carnation. Pkt. 5¢

**Double White**—Very desirable, and largely used by florists. Pkt. 10¢.

**Camella Flowered**—Very double and one of the finest. Mixed colors. Pkt. 5¢.

**French**—Fine colors. Mixed. Pkt. 5¢.

**BACHELOR'S BUTTON.**

Showy hardy annual of easy culture, flowering freely, with a great variety of colors. Pkt. 5¢.

**BARTONIA.**

A showy half hardy annual, with bright yellow flowers. Will not bear transplanting. Pkt. 5¢.

**BALLOON VINE.**

The flowers are insignificant, but the plant is a rapid and graceful climber. Tender annual; grows six feet high. Pkt. 5¢.

**CANARY BIRD FLOWER.**

One of the best climbing plants, with a graceful foliage and small yellow flowers. Half hardy annual. Pkt. 5¢

**CANTERBURY BELLS.**

Hardy biennials; very attractive border plants. Mixed colors. Pkt. 5¢.

**CANDYTUFT.**

A hardy annual of easy culture, and well known.

**White**—Sweet scented. Pkt. 5¢.

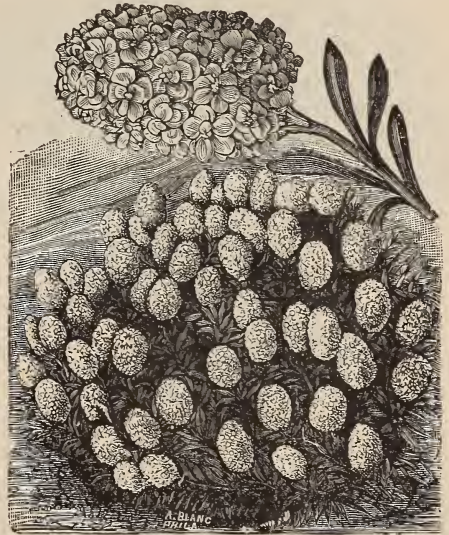
**Fine Mixed**—Pkt. 5¢.

**Snow Queen**—A new variety. Pkt. 5¢.

**CATCHFLY (Silene).**

Free flowering annuals, small flowers, white, red, or rose.

Mixed colors. Pkt. 5¢.



*Candytuft—Snow Queen.*

**CACALIA.**

A beautiful half hardy annual, bearing small tassel-like flowers, often called Flora's paint brush. Mixed colors. Pkt. 5¢.

**CALLIOPSIS.**

A very showy border plant, producing flowers of nearly every shade of color; hardy annual. Finest mixed. Pkt. 5¢.

**CANNA.**

Stately perennial and highly ornamental plants; will bloom first season if sown early in hotbed. Fine mixed colors. Pkt. 5¢.

**CENTRANTHUS.**

A hardy annual, free flowering, and compact; very effective in beds or as an edging. Mixed colors. Pkt. 5¢.

**CLARKIA.**

A showy, hardy annual, flowering freely, but suffer in dry, hot weather. Double varieties mixed. Pkt. 5¢.

**CONVULVULUS (Morning Glory).**

Well known climber. Mixed colors. Pkt. 5¢.

**COSMOS.**

A magnificent race of plants, growing about four feet high, and in the fall literally covered with graceful flowers resembling single dahlias, but better for cutting. About two inches in diameter; rose, purple, flesh color, and pure white. As a cut flower for vases or personal wear its grace and beauty are unequalled. Easily raised from seed. If sown early, blossoms the first season. All colors mixed. Pkt. 10¢.

**CYPRESS VINE.**

A beautiful and popular climbing plant; half hardy annual. Mixed colors. Pkt. 5¢.

**CELOSIA (Cockscomb).**

Half hardy annuals, very showy, succeeds best when started in the house or hotbed.

**Cristata**—Crimson dwarf. Pkt. 5¢.

**New Fringed Japan**—Very beautiful variety. Pkt. 5¢.

**Feathered**—Bright crimson in color. Pkt. 5¢.



*Cockscomb.*

**DAISY.**

Everyone knows the pretty daisy. Hardy perennial; will bloom the first season if sown early.

**Mixed Double Varieties**—Pkt. 5¢.

**DIANTHUS—Pink.**

Among the most brilliant of our garden flowers. Hardy perennial.

**Double Imperial Pink**—Mixed colors. Pkt. 5¢.



*Daisy.*

**CODETIA.**

Very attractive, free flowering, hardy annual, deserving the most extensive cultivation.

**Lady Albemarle**—A beautiful new variety, with a profusion of rich carmine crimson flowers. Pkt. 5¢.

**GILIA.**

Dwarf, hardy annual, pretty in masses, good for cutting. Fine mixed. Pkt. 5¢.

**GOMPHRENA.**

**Globe Amaranth**—An excellent everlasting, or immortelle. Flowers globe shaped. Retain their shape and color when dried. Hardy annual. Mixed colors. Pkt. 5¢.

**GOURDS.**

A great variety of curiously formed and marked fruit. The vines are of rapid growth. It is adapted for covering screens, arbors, etc. Tender annuals.

**Small Ornamental Sorts**—Pkt. 5¢.

**Nest Egg**—Pkt. 5¢.

**Dipper**—Pkt. 5¢.

**ESCHSCHOLTZIA.**

Hardy annual, with flowers of rich and beautiful colors.

**California**—Bright yellow, dark in center. Pkt. 5¢.

**FOUR O'CLOCK—(Marvel of Peru).**

A handsome plant, making an attractive display with its many-colored flowers. The same plant will produce flowers of different colors. Half hardy annual.

**Mixed Colors**—Pkt. 5¢.

**FOXGLOVE.**

Showy and useful plants for the border. Flowers borne in tall spikes, bell or thimble shaped. Hardy perennial.

**All Colors Mixed**—Pkt. 5¢.



*Heliotrope.*

**HIBISCUS.**

A showy, hardy annual. Flower cream color, with rich brown center. Pkt. 5¢.

**HOLLYHOCK.**

A hardy perennial that is becoming a great favorite. Fine double mixed. Pkt. 10¢.

**HELIOTROPE.**

A well known and popular greenhouse plant, and good for pot culture in winter. Flowers purple. Pkt. 10¢.

**HYACINTH BEAN.**

A splendid climber, with clustered spikes of purple and white flowers, which are followed by ornamental seed pods. Is of rapid growth. Half hardy annual. Pkt. 5¢.

**LARKSPUR.**

Well known. A fine variety of colors; shades of blue, red, striped, and mottled. Hardy biennial. Will bloom first season if sown early. Pkt. 5¢.

**LOBELIA.**

Very pretty, blooming profusely. Hardy perennial.

**Erinus**—Blue. Pkt. 5¢.

**MARIGOLD.**

A showy plant of handsome foliage and a profusion of flowers of brilliant shades of yellow, finely variegated, and striped with dark rich colors of maroon and brown. Hardy annual.

**African Mixed**—Tall. Pkt. 5¢.

**French Mixed**—Dwarf. Pkt. 5¢.

**MIGNONETTE.**

A well known fragrant little annual. Sweet. Pkt. 5¢.

**MOURNING BRIDE.**

One of the best flowers for bouquets. A great variety of colors, from white to dark purple. Hardy annual. Pkt. 5¢.

**MYOSOTIS (Forget-Me-Not).**

Half hardy perennial, succeeding best in moist situations.

**Palustris**—Blue. Pkt. 5¢.

**NASTURTIUM.**

This well known annual is one of the best for trellis and arbor decoration. Flowers of a great variety of rich colors. Also excellent for vases and baskets.

**Tall**—Fine colors. Mixed. Pkt. 5¢, oz. 15¢.

**Dwarf**—Fine colors. Mixed. Pkt. 5¢, oz. 15¢.

**NIGELIA (Love-in-a-Mist).**

A hardy annual of easy culture, bearing curious flowers.

**New Double**—Pkt. 5¢.

**ORNAMENTAL GRASSES.**

Very useful for cutting, when fresh, for summer bouquets, and also dry for working up with everlasting flowers for winter bouquets. Pkt. 5¢.



*Marigold.*

**PANSY.**

This favorite flower is too well known to need any description. Our *Imperial German* mixture embraces all the new varieties and colors lately introduced from Germany. Hardy annual.

**Choice Mixed**—Pkt. 5¢.

**Imperial German**—Mixed. Pkt. 10¢.

**Snowflake**—Pure white. Pkt. 10¢.

**King of the Blacks**—Pure black. Pkt. 10¢.

**Bugnots**—Superb, blotched and striped. Pkt. 10¢.



*Pansy.*

**PETUNIA.**

Sown in the spring they will produce flowering plants in June. Set the plants about eighteen inches apart. They do well sown in cold frame, hotbed, or in the open ground. Half hardy perennial.

**Double Large Flowering**—Extra choice. Mixed. Pkt. 20¢.

**Grandiflora**—Choice single. Mixed. Pkt. 10¢.

**Small Flowered**—Finest single. Mixed. Pkt. 5¢.

**PINK.**

A great variety of rich and brilliant colors, shades and marking. Hardy annual.

**Double Chinese**—Choicest colors. Mixed. Pkt. 5¢.

**Double Japan**—Choicest colors. Mixed. Pkt. 5¢.

**Double Imperial**—Finest colors. Mixed. Pkt. 5¢.

**PORTULACCA.**

A brilliant and popular hardy annual.

**Double Rose**—Mixed colors. Pkt. 10¢.

**Single Rose**—Mixed colors. Pkt. 5¢.

**POPPY.**

Makes a fine display among the taller flowers and shrubs.

Hardy annual. Single and double mixed. Pkt. 5¢.

**PHLOX DRUMMONDI.**

Unrivaled for richness of color, profusion and duration of blossom. Hardy annual. Pkt. 10¢.

**PAMPAS GRASS.**

An exceedingly elegant and graceful variety of ornamental grasses. Pkt. 5¢.

**SWEET PEAS.***Sweet Pea.*

Sweet Peas should be sown in drills, as early as possible in spring, in rich, friable soil. Prepare the bed by thoroughly working in a large quantity of well rotted manure. Make a trench six inches deep; in this sow the seed and cover two inches deep. As soon as the plants begin to show through, fill the trench. This will secure a deep planting without the bad effect of deep covering of the seed at first, and so enable the plant to bloom continually through the heat of summer. As fast as the flowers come into full bloom or fade, they should be cut off for if the pods are allowed to form, the plants will stop blooming. Pkt. 5¢, oz. 10¢.

**Apple Blossom**—Bright rose.  
**Butterfly**—Pure white, shaded with lavender.  
**Duchess of Edinburg**—A deep, bright red.  
**Ida Eckford**—Creamy white, very fine.  
**Indigo King**—Rich indigo blue.  
**Lottie Eckford**—White, shaded with blue.  
**Miss Blanche Ferry**—Deep pink and white.  
**Mrs. Gladstone**—Delicate bluish pink.  
**Queen of England**—Pure white.  
**Scarlet Invincible**—Brilliant scarlet.  
**Eckfords**—Finest mixed. Includes all of the best colors.

Pkt. 5¢, oz. 10¢.

**VIOLET.**

The violet should not be wanting in any garden, on account of its fragrance. A single flower will perfume a whole room. Flower blue and white, hardy perennial, sweet scented. Pkt. 5¢.

**VERBENA.**

Universally admired and easily cultivated, and may be treated as half hardy annuals. (Our "Mammoth Verbena" is a mixture of the largest and best Verbenas known. The flowers are of gigantic size, many single flowers being as large as a 25 cent piece.)

**New Mammoth**—Mixed colors. Pkt. 10¢.  
**Hybrids, Fine Mixed**—Pkt. 5¢.

**RICINUS (Castor Bean).**

A luxuriant, expansive foliage plant, of tropical appearance. Plants range from five to ten feet in height. Half hardy annual. Pkt. 5¢.

**STOCKS, TEN WEEKS.**

Half hardy annuals of fine foliage and beautiful colors.

**Large Flowering Dwarf**—Brilliant colors, mixed. Pkt. 5¢.

**SALPICLOSSIS.**

Very showy bedding or border plants, with richly colored, erect, funnel-shaped flowers. The colors are beautifully marbled and penciled, purple, scarlet, crimson, yellow, blue, and almost black. They are biennial in green-house, but annual in open ground. Start the seed in hot bed (or do well if sown in the open ground), and transplant one foot apart, into a mixture of loam and sand with well rotted horse manure at the bottom. Bloom from August to October. Tender annual; 1½ to 2 feet high. Choice mixed colors. Pkt. 5¢.

**SENSITIVE PLANT.**

A curious plant, the leaves folding together and branches drooping by being touched, affording a source of amusement to the little folks. Half hardy annual. Pkt. 5¢.

**SWEET WILLIAM.**

A useful and popular flower which has been greatly improved the last few years; hardy perennial and easily grown.

**New Varieties**—Mixed colors. Pkt. 5¢.

**SWEET SULTAN.**

Handsome annual with fragrant flowers; borne on long, slender stems. Hardy annual. All colors mixed. Pkt. 5¢.

**ZINNIA.**

Splendid large plant of great beauty; perfectly hardy annual, and easily transplanted.

**Choice Double**—Mixed. Pkt. 5¢.

**Double Striped Zebra**—Very showy. Pkt. 5¢.

*Verbena (Mammoth).*

# PLANT DEPARTMENT



## 12 BEST EVER-BLOOMING ROSES.

For Pot Culture and Winter Blooming.

**Bridesmaid**—An exquisite new pink rose that is being grown in larger quantities for winter flowers than any other pink variety. Color a bright clear pink, a lovely shade; flowers very large, perfectly double. The buds are large and solid, with long stiff stems and handsome glossy foliage. It has all the good qualities of a first-class winter blooming rose.

**Catherine Mermet**—(Tea)—A pink Tea Rose for summer and winter bloom. This rose has no equal in the cut flower market; it has held its own for years.

**Clothilde Soupert**—This novelty introduces a new and remarkable class of budding and pot roses, combining the *Tea* and *Polyantha* rose. It is of very strong and vigorous growth, forming a nice shaped plant and attaining a height of about fifteen inches. The flower is a pearly white, with a vivid carmine rose center.

**Duchess de Brabant**—Soft, rosy flesh, changing to deep rose.

**Madam Hoste**—A rose of large size, fine form, remarkably free bloomer. It resembles the *Perle* in growth. In cool weather it is ivory white, in summer a bright canary with a deep amber center.

**Madam Elie Lambert**—The flowers are globular and cup shaped; the center petal of purest white, while the center is a rosy flesh color.

**Meteor**—(Hybrid Tea)—Color a very fine crimson. An incessant bloomer, and of excellent habit; a fine rose for all purposes.

**Papa Contier**—Flowers large; deep carmine crimson.

**Perle des Jardins**—Without doubt the finest yellow rose in cultivation. Color, golden yellow. Flowers large and beautifully formed.

**Sunset**—A sport from *Perle des Jardins*. Flowers of large full size, very double; color, rich golden amber.

**The Queen**—This new rose is one of the most decided novelties for 1900. It is of a delicate shaded flesh color; the buds are extra large and long pointed, resembling the *Nephtos*; is of strong growth, a profuse bloomer, and an excellent bedder.

**The Bride**—A superb, pure white *Tea Rose*, the buds and flowers are unusually large, finely formed, very double and full, and deliciously perfumed; it is a strong, healthy grower, and a quick and constant bloomer. Does well in open ground, and is particularly valuable for growing in house for cut flowers, as it produces abundantly, and its blooms are of the most desirable form.

10¢ each. - The complete set for \$1.00.

A CHOICE COLLECTION OF.....

# Roses

The plants of the **HYBRID PERPETUAL** class are entirely hardy. The flowers are of large size, very full and double at the center, and of the most beautiful colors, from pure white to the darkest shade of crimson. Through their blooming season, in June, they give us a show of brilliant colors unequalled by any other plants. In the spring cut back all the shoots, or stems, and they will send up new ones, which will make a very strong growth and give abundance of bloom. It is the new wood that gives the bloom.

**MOSS ROSES** are very popular and much admired for their beautiful buds, which are covered with a moss-like texture.

**CLIMBING ROSES** are perfectly hardy, blooming early in the summer, and when in a rich soil soon cover any arbor or porch.



## A LIST OF 12 EVER-BLOOMING BEDDING ROSES.

**Augustine Guinnoiseau**—(*White La France*)—Here we have a beauty indeed, one we can recommend to all, whether for out-door culture or for pots in the house in winter. If you were to ask us to select six of the very finest roses for you, we should be sure to include it in the six. It is pearly white, sometimes tinted with fawn.

**Bon Silene**—Equally valuable for summer or winter blooming. Buds of beautiful form, an unusual free bloomer. Color, deep rose, shaded carmine.

**Catherine**

**Mermet**—

One of the finest roses grown.

**Clothilde**

**Souper**—

One of the most prolific bloomers.

**Etoile de Lyon**

—One of the finest yellow Tea Roses for outside planting and one of the hardiest of the Tea section. It blooms very freely and every flower is a gem; very large and fully double. Well established plants produce flowers equal to *M. Neil* in size; color deep chrome yellow.

**Ernest Metz**—

A robust grower, flowers very large when open, buds long and pointed, produced on long stems. Color soft carmine rose with deeper colored center.

**Hermosa** (*Bourbon*)—

Always in bloom and always beautiful. The flower is cupped, finely formed and full; color the most pleasing shade of pink and very fragrant; a favorite with everyone.

**La France**—

(*Hybrid Tea*)—This rose must be included in this list for its blooming qualities, and added to this their half hardy nature and vigorous growth makes it a valuable rose in every particular. Flowers large, color pink, delightfully fragrant.

**Marie Guillot**—White, tinged with delicate shade of lemon; large, full and beautifully imbricated in form, one of the finest White Teas; the perfection of form in Tea Roses; highly fragrant.

**Marie Von Houtle**—White, slightly tinged yellow; fine for bedding.

**Marion Dingee**—A splendid new Tea Rose, and one of the finest additions to our list of bedding roses; flowers of good size, nicely cup-shaped, and borne in wonderful profusion all through the growing season; color deep crimson, changing to carmine in matured flowers.

**Queen's Scarlet**—Rich, velvety crimson, beautiful in bud. The best of all the crimson bedding varieties; very free flowering.

10¢ each. complete set, \$1.00.

## A LIST OF 12 CHOICE HARDY ROSES.

**American Beauty**—Flowers very large, of beautiful form, and very double; color a deep, rich rose. The fragrance is delightful, resembling *La France* or the old-fashioned *Damask Rose*; is truly an ever-bloomer, each shoot producing a bud. 20¢.

**Anna de Diesbach**—Clear rose, fine color, very large; a showy, deep cup form.

**Couquette des Alps**—One of the finest pure white hybrid perpetuals; large, full, finely formed flower.

Color pure white, sometimes faintly tinged with a pale blush, a profuse bloomer.

**Dinsmore**—A true perpetual, flowering very freely the whole season; flowers large and very double, color deep crimson. The plant is of dwarf, bushy habit, and every shoot produces a bud. 20¢.

**Eugene Furst**—

Velvety crimson, shaded with deeper crimson. A large, full flower, and a strong vigorous grower. A first-class rose in every way.

**Francois Levat**

—A splendid rose, flowering freely, and very full; fresh, clear rose, bright and glistening, the flower is large and of fine form.

**Gen'l Jacqueminot**—(*Hybrid*)

—An old standard and one that has been a rose of special merit for years and always will be. If you want a rose which embraces hardiness, good habits, fragrance, etc., there is none better; color dark red

**Madam C.**

**Wood**—(*Hybrid*)

—One of the best Hybrids. Flowers

large and well formed, of a deep rosy crimson color.

**Madam Plantier**—Pure white, large, and very double. A good, hardy rose; suitable for cemetery planting.

**Marshall P. Wilder**—Flowers very large, perfectly double and of good substance; color bright cherry red shading to crimson; plant a clean, healthy grower, and a very free bloomer.

**Mrs. John Laing**—(*Hybrid Perpetual*)—Color a soft delicate pink, with satin tinge. Large flower, finely shaped, and exceedingly fragrant.

**Paul Neyron**—The flowers are immense. It is probably the largest rose grown, and one of the finest. Bright shining pink, very clear and beautiful, very double and full, finely scented.

10¢ each.

All twelve varieties for \$1.00.



**TWO FINE NEW ROSES.**

**Caroline Testout**—A fine rose in every particular. Color clear satin rose, resembling somewhat the *La France*, but the flowers are borne on stiffer stems, and are globular in shape. The plant is a vigorous grower. 15¢ each.

**Belle Siebrecht**—A superb rose and one that is highly valued whenever seen. It is of the same class as *La France*—a Hybrid Tea. The color is a rich, bright pink; flowers are borne on long, stiff stems, and are very large. It is beautiful both in bud and full bloom, and, unlike many other varieties, it never loses its color through change of climate. 15¢ each.

**MOSS ROSES.**

Moss Roses stand alone in picturesque beauty, different and distinct from all others. Their opening buds, covered with delicate, clinging moss of fairy-like texture, command our special admiration. It is a strong, vigorous grower, perfectly hardy; desirable for out-door culture.

**Glory of Mosses**—A magnificent Moss Rose, extra large and perfectly double; color deep rosy carmine; shaded purplish crimson, very mossy and fragrant; one of the finest.

**Henri Martin**—Dark rose color, large and well mossed.

**Luxemburg**—Bright crimson scarlet, very mossy, a good size.

**Princess Adelaide**—Extra large flowers, very double and fragrant, buds beautifully mossed, color bright rosy pink.

**Perpetual White**—Blooms in clusters and very freely, not very double, but the buds are beautifully mossed. 15¢ each.

This set of Moss Roses (five plants) at 50¢.

**HARDY CLIMBING ROSES.**

For covering walls, trellises, trees, buildings, etc. They are of rapid growth and perfect hardiness, and become covered with bloom in their season.

**Crimson, Yellow, White and Pink Ramblers**—See Novelties.

**Anna Maria**—A hardy climber, flowers in clusters; color light pink, changing to blush.

**Baltimore Belle**—The finest and best of this class. Flowers pale blush, becoming nearly white; compact and double.

**Crimson Rambler**—See Novelties. An excellent new rose.

**Creville, or Seven Sisters**—Flowers in large clusters. Varies in color from white to crimson.

**Cumberland Belle**—See Novelties.

**Queen of the Prairies**—Extra growth and free annual bloomer; a bright rosy red. The strongest climber of all.

**Russell's Cottage**—Dark crimson, very double and full; strong grower.

**Tennessee Belle**—Graceful and slender in growth; bright pink. 15¢ each.

One of each, making seven plants, 90¢.

**POLYANTHA ROSE.**

This beautiful class of Dwarf Free Flowering Roses has been steadily growing in favor every year since their introduction. They are admirably adapted to pot culture, and, planted out, flowers continually the whole season. The flowers are quite small, borne in large clusters, often twenty-five to forty in a single cluster, each cluster making a bouquet of itself. They are entirely hardy and serve admirably for edging beds of roses, or for cemetery planting.



*Polyantha.*

**George Pernet**—A strong growing dwarf variety, forming a perfect round bush. It is continually in bloom, the flowers being quite large for this class; the color is bright rose with touches of yellow, and passes to peachblow with silvery white shadings.

**Madam Cecil Brunner**—(New)—The flowers are salmon pink, with deep crimson center; borne in large clusters and deliciously perfumed. An exquisite miniature rose for floral work, bouquets, etc. A constant and profuse bloomer.

**Mignonette**—Flowers full and regular, perfectly double, borne in large clusters, often thirty to forty flowers each. Clear pink, changing to white, tinged with pale rose. Very attractive and delicate.

**Perle d'Or**—Color of buds beautiful nankeen yellow with vivid orange center, each petal tipped with white, changing to buff tinge rose in the open flower. The only shade of yellow in this very desirable selection.

**Parquette**—One of the finest of this class. Pure white, of the most perfect shape; about one and one-half inches in diameter; flowering.

10¢ each. Complete set of five plants at 40¢.

**ROSA WICHURIANA, NEW HYBRID,  
Or, Hardy Memorial Roses.**

These pretty Hybrids of this most useful Rose are perfectly hardy and need no protection whatever in winter. They are admirably adapted for covering rock work or bare spaces, as well as planting in the border. They are of free growth, with foliage of a deep green color, lasting well until winter. The flowers are produced in great quantities, and retain their perfection for a long time.

For cemetery planting, when a trailing or spreading plant is wanted, we recommend these Memorial Roses, as they cover a large space and produce their beautiful flowers as they grow.

**UNIVERSAL FAVORITE.**

Soft light pink, very fragrant.

**PINK ROAMER.**

Strong grower, with single bright pink flowers and almost white center. Orange red stamens.

**TRIUMPH.**

Beautiful double white flowers in clusters, sweet scented.

**SOUTH ORANGE PERFECTION.**

Dwarf trailing habit, double flowers, blush pink at tips, changing to white.

Each 15¢. The four varieties, 50¢.

# Flowering and Ornamental Plants and Bulbs.

A COMPLETE LIST.



*Abutilon, Souvenir de Bonn.*

## ABUTILONS (Chinese Bell Flower.)

Fine rapid growing plants of easy culture for the house or garden. The flowers are of all shades of color, and are produced in great abundance.

**Caprice**—See Novelties.

**A. Belsham**—A good variety for the garden, strong grower; color a beautiful red.

**Boule de Neige**—Pure white, very free flowering and of compact growth; one of the very best for house culture and for winter blooming.

**Crimson Gem**—Has a beautiful dark crimson flower, which is produced in great profusion.

**Eclipse**—A pretty trailing variety with large foliage, beautifully marked with deep green and yellow. Flowers bright yellow with crimson throat. Fine for vases, hanging baskets or pot plants. Very desirable.

**Golden Fleece**—A bright, golden yellow, of strong vigorous habit and very free flowering. It combines large size, fine form, and depth of coloring.

**Le Lilliput**—A Rosy pink, a very distinct color, abundant bloomer; fine for pot culture.

**Souvenir de Bonn**—A very distinct and striking new plant with large bright green leaves, distinctly edged with a pure white band, as shown in illustration. The plant is of strong, robust growth, and forms fine specimens in a very short time. The long stemmed flowers are bright orange, veined with crimson, and stand well out beyond the foliage, producing a very pleasing effect. An excellent plant for large vases and porch boxes, contrasting finely with green leaved decorative plants.

**Thompsonii Plena**—A sport from *Thompsonii* var. The foliage has the same variegation, but the flowers are full and double; orange, streaked with crimson.

Except Novelties, 10¢ each; \$1.00 per dozen.

## ACHYRANTHUS.

Beautiful leaf plants, well adapted for bedding purposes or as pot plants. They are easily grown and retain their brightness of foliage until destroyed by frost, being more hardy than *Coleus*.

**Aurea Reticulata**—Foliage green, handsomely marked with a network of golden yellow, with occasional crimson blotches.

**Emulteri**—Long brilliant red leaves, streaked with white; strong grower; one of the best.

**Brilliantissima**—Dwarf habit, color most brilliant ruby red. One of the best and most effective plants for ribbon bedding.

**Lindennil**—Long lance shaped leaves of deep blood red color; very attractive.  
5¢ each; 50¢ per dozen.

## ACAPANTHUS UMBELLATUS.

(Blue Lily of the Nile.)

This is a splendid ornamental plant, bearing clusters of bright blue flowers on long flower stalks and lasting a long time in bloom. There is no finer plant than this for out-door decoration, planted in large pots or tubs on the lawn, terrace or piazza. It does well in the house or greenhouse in winter, requiring but slight protection. It is a rapid grower, and increases in size and beauty every year.  
15¢ to 25¢ each.

## AGERATUM.

One of the best plants for borders, and of easy culture; very desirable for cut flowers; blooming freely both summer and winter.

**Mexicanum Variegatum**—See Novelties.

**Cannel's Dwarf**—A very dwarf variety, scarcely ever exceeding six inches in height. One of the finest plants for carpet bedding, or for edging large beds. Flowers bright lavender blue, produced in great abundance.

**White Cap**—Best white. | **Cope's Gem**—Light blue.  
10¢ each; 75¢ per dozen.

## ALLAMANDA HENDERSONI.

A useful climber for training over trellises or posts in the warm conservatory, producing in clusters tubular shaped flowers, two and a half inches across, of a golden yellow color. 15¢ each; \$1.50 per dozen.



*Asparagus Tenuissimus.*



**ALTERNANTHERAS.**

Dwarf plants of bushy, compact growth; excellent for borders of flower beds, and for baskets, vases, etc. They require the full sun to bring out the foliage.

**Glauca**—One of the strongest growers of this class of plants; color bright green, spotted with red and yellow; a good plant for bordering if cut back frequently.

**Parychoides Major** Leaves tinted crimson, scarlet and pink.

**Spathulata**—Leaves tinted carmine and green.

**Vitifolia**—Curious colored leaves; color bright red during warm weather, which changes to bright pink as the weather becomes cooler.

5¢ each; 50¢ per dozen.



*Araucaria Excelsa.*

**ALOYSIA CITRIODORA.**

**Lemon Verbena**—Very desirable on account of the delightful fragrance of its foliage. It is a very popular plant and should be kept dormant in early winter. 10¢ each.

**ALYSSUM, SWEET.**

For the border, edging and carpet bedding the Sweet Alyssum is one of the very best, its small white flowers are borne in great profusion, are delicately fragrant and valuable for cutting. It is also a good basket and pot plant.

**Double**—A variety with neat green foliage, producing profusely spikes of pure double white flowers. Valuable for cut flowers. 5¢ each; 50¢ per dozen.

**Single**—Blooms abundantly. Very desirable for edgings or pot plants. 5¢ each; 50¢ per dozen.

**AMARYLLIS.**

An interesting class of plants for pot culture. We have all the best varieties. Good strong bulbs. 15¢ to 50¢ each.

**ANTHERICUM.**

An elegant house plant, with dark green leaves, beautifully bordered with broad stripes of pure white. It throws up long spikes of small star-shaped flowers, which are very effective. Fine for hanging baskets.

**Vittatum Variegatum**—Of strong growth. 15¢.

**Picturatum**—Similar to *A. Vittatum*, excepting the markings, which are reversed. 25¢.

**ASTER.**

Very pretty, free blooming, hardy plants, commencing to bloom early in the season and continuing until killed by frost. Mixed colors. 5¢ each; 50¢ per dozen.

**SEMPLE'S BRANCHING ASTER.**

A new strain, and the very best for summer flowering. They continue to branch and bloom during the entire summer. 10¢ each; 75¢ per dozen.

**ASPARAGUS SPRENCI**—See Novelties.**ASPARAGUS TENUISSIMUS.**

A beautiful species of climbing habit, and 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 contrast with the foliage of other plants, it is one of the most effective. The sprays retain their beauty a long time when cut. 25¢ each.

**ASPARAGUS PLUMOSUS NANUS.**

Beautiful and graceful in habit, and a gem in fineness of foliage: rapid grower and excellent for window culture. 25¢ each.

**ASPIDISTRAS.**

**Lurida**—A handsome foliage plant. Dracena-like leaves of a bright green color. 15¢ each.

**ARAUCARIA EXCELSA (Norfolk Island Pine).**

There is a growing demand for this beautiful decorative plant. Its perfect dwarf habit, combined with hardness and symmetry of growth, account for their popularity. The branches grow in tiers or whorls, giving the plant a most unique and attractive appearance; foliage rich dark green. Each \$1.00 to \$3.00.

**AZALEA INDICA.**

One of the showiest of greenhouse shrubs, excellent for window or conservatory decoration. When in bloom they are most beautiful plants. We have fine imported plants in both single and double color, from pure white to dark crimson. Some are mottled and striped. During summer the plants should be plunged in some shady place. \$1.50 to \$2.00 each.

**BEGONIA. (Flowering.)**

Plants adapting themselves to a variety of uses; are used for planting in the garden for summer decoration, or as pot plants for cut flowers in winter. They are very easily grown, but require heat—an average of 65 degrees at night during winter is necessary. The flowers are beautiful, mostly drooping in graceful panicles of various colors.

**Argentia Cutata**—A new Begonia of special merit. It has purple bronze leaves, oblong in shape, with silver markings, and is in every way a most beautiful plant. 20¢ each.

**Cuprea**—A seedling from *B. Metallica*; strong, healthy grower, with dark green velvety leaves. 20¢ each.

**Diadema**—An elegant new Begonia, particularly adapted for house culture, owing to its silvery dots and veins as well as the fine habit of its growth. As a market plant it will prove one of the best we have had for years. We predict that this variety will prove as valuable as the *Rubra*. 20¢ each.

**Decora**—A shrubby, decorated variety with dark green leaves, profusely marked with oblong spots or dots of a silvery gray color. It has been introduced from Brazil.

**Glaucophylla Scandens**—A drooping variety. Flowers orange scarlet; produced freely.

**Gigantea Rosea**—A superb variety of strong, upright growth, rich, glossy leaves, the flower a clear, cardinal red. The bud is only excelled in beauty by the open flower. 20¢ each.

**Clorie de Joy**—A rich, bronze green, with silvery white spots, large leaf; a strong, free grower; flowers of a clear pink color, very large, and borne in the greatest profusion during the entire winter. 20¢ each.

**Manicata Aurea**—Its heavy, glossy leaves, boldly blotched with a rich golden cream, and a clear carmine etching in the matured leaves, altogether making the handsomest variegated plant known. Strong plants.

**BEGONIAS—Continued.**

**Metallica**—A shrubby variety; good grower and free bloomer. Leaves triangular, the surface of a lustrous metallic or bronze color, veined darker. Flowers white, covered with glandular red hair.



*Begonia (Gigantea Rosea).*

**Manicata**—Large rich foliage of a dark green color; flowers bright pink.

**Otto Hecker**—The plant is a strong, vigorous grower, of stiff, upright habit, with large shiny leaves of deep green color. The flowers are borne in clusters, twelve to twenty-five flowers in a bunch. Color, a beautiful bright red.

**Racinafolia**—Leaves large and pointed, after the style of some of the palms; makes a strong, robust growth and is very ornamental.

**Rubra**—Its dark, glossy, green leaves, combined with its free flowering habit, makes it one of the very best plants for house or conservatory decoration. The flowers are of a scarlet rose color.

**Rubra Alba**—This is a sport from *Rubra*, having foliage similar, but more drooping, and with large clusters of beautiful white flowers; extra fine.

**Semperflorens Elegans**—Resembling somewhat the *Gigantea Rosea*, but has smaller leaves, more protuse in flowers and of compact growth.

**Semperflorens Rosea**—The flowers come in large clusters, and are white, heavily shaded and bordered with dark carmine rose. The contrast of these colors with the bright and yellow of the stamens produce a fine effect.

**Vernon**—This excellent variety is of unusual merit as a bedding sort. Foliage rich glossy green, often shaded deep bronze, changing to a beautiful clear pink in the open flower; also splendid as a pot plant. 15¢ to 40¢ each.

**Weltoniensis**—An excellent summer and autumn blooming variety, with bright pink flowers; plants of vigorous and compact growth. One of the best for baskets.

15¢ each; \$1.25 per doz., except where noted.

**Begonia Rex**—A class of Begonias grown for their foliage. Leave are large and variegated, mottled and margined with peculiar silvery, metallic gloss, very fine; grown as specimen pot plants, or for hanging baskets, ferneries, etc. Twelve varieties; a fine assortment. 15¢ to 25¢ each.

*Begonia, Tuberous*—See Summer Flowering Bulbs.

*Caladium*—See Summer Flowering Bulbs.

**CALLA LILIES.**

**Calla Ethiopica**—(*Lily of the Nile*)—A fine house plant. It requires an abundance of water during the growing season, and should have a period of rest from May to August, by turning the pots on their side in some shady place. 10¢ to 50¢ each.

**Richardia Maculata**—(*Spotted Calla*)—The foliage resembles the Calla in shape, and is beautifully spotted white; the flowers are shaped like the Calla, pure white, shaded with violet inside. The bulbs may be kept dry in winter and started like a Dahlia in spring. Fine for window culture or bedding out. 25¢.

**CANNAS.****FRENCH VARIETIES.**

These splendid Cannas are quite an improvement over the old varieties. The spikes of large flowers somewhat resemble Gladiolus, but their much more brilliant colors show off grandly against their tropical foliage. Height of plant seldom over four feet.

**Austria**—This variety is called the *Giant Flowered Yellow*, and is no doubt the finest Canna for bedding we have ever seen. The color is pure yellow, except the center and lower petals being slightly spotted with crimson. The flowers are borne on bold, stiff stems, and are immense in numbers. 30¢ each.

**Antonie Chantine**—A distinct variety and vigorous grower; flowers large, color a bright orange-scarlet.

**Admiral Corbet**—Foliage green, and producing a profusion of flowers which are beautiful citron yellow, striped with flame.

**Comte Horace de Choiseul**—Very dwarf, with close, compact habit, and large sized flowers; beautiful deep crimson with carmine shade.



*New Giant Canna Italia.*

## CANNAS—Continued.

**Florence Vaughan**—Conceded by all who have seen it to be the finest yellow spotted Canna. Flowers very large, of the most perfect form, with broad overlapping petals nicely rounded at the ends. Color brilliant yellow, spotted with bright red. A strong, robust grower, and flowers very freely. Height about 4½ feet.

**Flamingo**—One of the finest solid crimson varieties yet introduced, with large flowers over four inches in diameter, heavy in texture and of the most refined reflexed form so much sought after, and which is found in very few varieties. They cluster around the stem in an even manner, giving the truss the grace and finish of a *Hyacinth* spike; the size of the truss is very large; its habit is perfect, strong and compact, growing about three feet high. 25¢ each.

**Italia**—Bears in large clusters enormous flowers of golden yellow, spotted with brilliant scarlet. It creates a contrast hard to describe. 30¢ each.

**Madam Crozy**—The plant is of vigorous growth, yet dwarf in habit. The foliage is a rich, cheerful green, and very massive. Flowers very large dazzling crimson in color, distinctly bordered with golden yellow, produced on large, branching stems.

**President McKinley**—See Novelties.

**Queen Charlotte**—This is indeed a queen amongst Cannas, and the finest variety yet introduced. The plant attains a height of about three feet, and is furnished with a heavy, bluish foliage, the enormous flower-spikes, towering grandly above the foliage, bear a beautiful bouquet of large flowers of perfect form, with petals of a rich scarlet crimson, broadly banded with bright canary yellow.

**Felix Crouse**—Deep green foliage. Flower-spikes very numerous; color deepscarlet.

**Hypolite Flandrin**—Rich, deep green foliage. A vigorous grower and very free bloomer; flowers on long spikes and large; color salmon rose.

**Louis Chretien**—Flowers bright canary yellow, beautifully blotched and spotted with crimson.

**Sam Treleave**—See Novelties.

**Tete d'Or**—A vigorous grower. Foliage dark green; flowers large and showy; color golden yellow, spotted with carmine.

**Victor Hugo**—Large, dark green foliage, edged with purple. Flowers very large, of a bright dazzling scarlet. 15¢ each, except where noted.

## CARNATIONS.

These are among the most beautiful and desirable of plants, alike valuable for bedding out in summer and for the window garden in winter. The ends of the longer branches should be nipped out during the summer months to prevent their blooming, if wanted for flowering in winter.

**Alaska**—An excellent new white variety; very healthy grower. Flowers large and pure white, heavily fringed; very fine.

**Blanche**—A white variety, growth strong and vigorous, foliage is of a lighter shade of green than that of any other varieties; stem heavy and very much branching, calyx strong, non-bursting, flowers medium to large, pure white, deeply fringed.

**Daybreak**—Flowers large, very full and high centers, petals thick, of heavy texture, lasting a long time when cut. A delicate, pure bright flesh color with no salmon shadings. A free blooming, long stemmed variety.

**Hinzie's White**—A free flowering variety of large size and perfect form; pure white, sometimes slightly tinged with pink.

**Helen Kellar**—One of the very largest and most beautifully formed Carnations ever introduced; does not burst its calyx; exceedingly free flowering, and producing extra good, long stout stems. A strong, vigorous, healthy grower; color clear, white ground, delicately and very evenly marked with bright scarlet, giving it a very pleasing and effective finish.

**Jubilee**—A new red variety that is bound to take first rank. Its form, combined with its blooming quality and pleasing shade of red color, are bound to give it recognition.



Blanche.

**Lizzie McGowan**—This grand Carnation is a cross between *Hinzie's White* and *Peter Henderson*. It is a splendid grower, producing very large pure white flowers that are beautifully fringed, delightfully fragrant, and all borne on long, stiff stems.

**Portia**—The most intensely bright scarlet. The flowers are medium size and freely produced; a fine variety.

**President Garfield**—Perfect flowers of immense size; color rich vermilion; vigorous growth.

**R. M. Craig**—An extra strong grower and profuse bloomer; color bright scarlet.

**Silver Spray**—Flowers pure white, large, perfect, on long stems, never bursting. A beautiful variety.

**Theo. Stuart**—Fine scarlet, brighter and larger than *Portia*.

**Wm. Scott**—Delicate light pink, with finely fringed petals; flowers of large size on long stems that hold the flower erect. A splendid keeper, lasting a long time when cut. 10¢ each; \$1.00 per doz.

## CYPERUS ALTERNIFOLIUS.



Cyperus or Umbrella Plant.

A splendid aquatic plant, throwing up stems two to three feet high, surmounted at the top with a whorl of leaves, diverging horizontally, giving it a very novel appearance. Fine for the center of vases or aquariums. Small plants, 10¢; large plants, 25¢.

## CHRYSANTHEMUMS.

THIS flower has attained an unlimited popularity in the last few years and are now, and deservedly so, the most fashionable of all autumn flowers. Each year the taste for Chrysanthemums becomes more exacting, and to meet it we offer only the finest varieties. Our list is made up of sorts that are noted the country over.

### EARLY VARIETIES.

- Autumn Bride**—Japanese incurved, of pure white color, large size flowers, on short, stiff stems.
- Daybreak**—Creamy white, shading to light yellow in the center; a Japanese, and very attractive.
- Harry Hurrell**—This is a beautiful Japanese variety; the flowers are compact and borne on stiff stems; color very bright yellow.
- Ivory**—Splendid dwarf white, of great substance and durability. Even the smallest plants produce large flowers.
- Marion Henderson**—Another Japanese yellow, indispensable on account of its earliness, blooms several weeks before any other yellow variety.
- Mons. Benj Giroud**—The best bright red of the early varieties; dwarf habit and good for a pot plant.
- Miss Kate Brown**—A beautiful dwarf white, unexcelled for an early variety.  
10¢ each; \$1.00 per doz

### MID-SEASON VARIETIES.

- E. D. Adams**—This can be grown to be a very large flower; loose, long petals falling from the center in a mixed curly mass; color creamy white.
- Elaine**—Considered one of the best of whites for pot culture; habit dwarf, and prolific bloomer.
- Geo. W Childs**—Very large, full, double flowers of the deepest rich velvety crimson, dark green foliage; good grower.
- Infatuation**—Clear white, petals stand out independent of each other. A distinct variety.
- John Collins**—Immense, large flat flowers of beautiful silvery bronze and ashes of roses; color very pretty and novel.
- Lenawee**—A Japanese, incurved, generally pure white, sometimes pink; high, well built flower. The plant is a vigorous grower.
- Marie Louise**—Creamy white, outer petals very much reflexed, center petals erect; large flowers.
- Mrs. H. McTombly**—Dwarf in habit, free flowering, color white, stiff stems. Good for all purposes.
- Mdlle. Theresa Roy**—A grand white, that cannot be too highly praised, as it gives general satisfaction.
- Golden Wedding**—The grandest full large yellow. Flowers are of immense size, growing into almost a perfect ball. Very desirable.
- Mrs. W. P. Raynor**—Splendid for pots. A large flat white flower, slightly reflexing towards stem. A Japanese variety.
- Pilcher Manda**—Petals tubular, inner portion of flowers yellow, outer petals white.
- Philadelph'a**—Japanese, incurved, petals creamy white, shading to primrose at top; whorled, incurved form. Highly recommended.
- Prairie Rose**—A flat flower of very pleasing shade of pink.  
10¢ each; \$1.00 per doz.

### LATE VARIETIES.

- Amaranth**—Reflexed, white shaded Amaranth, very odd and good.
- Achilles**—Large, bold, incurving flower, with slight pink markings.
- Anderbrook**—An extra good white variety. It is a dwarf, bushy grower, bearing its flowers on stiff stems. Good for pot culture.
- Chibeague**—A beautiful shade of pink. The inner petals turning in, and outer petals falling out, giving the flower a decided, distinct appearance.



- Christmas Eve**—An old variety that cannot be dispensed with. Its flowering time, which is about Christmas, makes it very valuable. Color white.
- Harry Balsey**—An excellent pink with large and full globular-shaped flowers. The color is an exquisite soft pink, shading to a light rose at tips.
- Indiana**—Large, bright pink, of strong growth, well formed flowers, and an excellent variety in every particular.
- Liberty**—A splendid yellow for late flowers, very large and of good habit.
- Maud Dean**—Cannot be too highly recommended for late flowers; of good habit; color a pleasing shade of pink.
- Modesta**—We have here a yellow that has fulfilled all expectations. It is, without doubt, the best yellow that has been introduced for some time. The flower opens flat, maturing with full rounded center; intense yellow.
- Mrs. F. B. Hayes**—Plant of short and sturdy growth; color a pleasing shade of light pink. A good late variety.
- Mrs. Perrin**—Superb flowers of globular form, over seven inches in diameter, with broad incurving petals. The inner sides of the petals are a beautiful bright pink, the outer sides are tinted with a beautiful silvery rose, making a charming contrast. Dwarf robust habit. Stiff stem and fine foliage.
- Mrs. Potter Palmer**—A pink of exquisite form.
- Niveus**—Extra fine, large white; received first prize at Madison Square Garden for best white.
- Tuxedo**—For pot culture this cannot be excelled; color yellow, flowers extra large and plants of a dwarf bushy growth.  
10¢ each; \$1.00 per doz.

**HAIRY CHRYSANTHEMUMS.**

- Eiderdown**—Perfectly double, snow white, with a beautiful hairy appearance; very late.
- Louis Boehmer**—A beautiful majenta pink, one of the well known *Ostrich Plumes*.
- Mrs. Marguerite Carbone**—Compact in form, closely incurving; white, shading to pink; one of the very best.
- Midnight**—Color rich crimson, very double, broad cupping petals, and densely covered with hair.
- W. A. Manda**—The golden yellow "Mum," fine in color, and the filaments well pronounced.

10¢ each; \$1.00 per dozen.

**POMPON "MUMS."**

- Ada Strickland**—Symmetrical, color rich chestnut red, center full and high, petals broad, flat and regular; extra good.
- Lady Margaret**—Double row of guard petals, fine large white flowers.
- Mdlle. Elsie Dardone**—Soft lilac pink, full globular bloom, very neat; an early dwarf.
- Snowdrop**—An exquisite pure white flower. The plant looks like a solid bouquet when in bloom.

10¢ each; \$1.00 per dozen.

**CINERARIA.**

This is an excellent plant for early flowers, coming into bloom near about the same time as Hyacinths and Primroses, which makes it a valuable plant for house culture. When in full bloom it is a solid mass of flowers, and embraces all colors from pure white to brilliant scarlet, and many mottled with many colors.

Large blooming plants, 25¢ to 50¢ each.

**CLERODENDRON, BALFOURI.**

A beautiful climber, with large clusters of white and scarlet flowers. If planted in the open ground and kept cut back it makes a fine bedding plant, and will bloom freely in the fall. Also excellent for pot culture. 15¢ to 50¢ each.

**CLERODENDRON FRAGRANS.**

A native of China and a very desirable plant indeed. The flowers produced in dense clusters like a Geranium, and as fragrant as Gardenia. It is sure to become a favorite. 25¢ each.

**COLEUS.**

The Coleus is the best and cheapest ornamental leaved plant for ornamental bedding. There is such endless variety in their colors and markings that with a little taste in planting varieties, the most gratifying results can be obtained at a trifling cost.

**SIX NEW VARIETIES.**

- A. C. Hill**—Very distinct and something new in Coleus. Leaves beautifully marked with yellow and crimson; the foliage is large and heavily fringed.
- Empress of India**—A grand new Coleus in every particular, its beautiful markings of yellow intermingling with intense red gives it a decided brilliant appearance, and commands admiration.
- Etoile**—A deep rosy pink, distinctly spotted and blotched with yellow, giving it a remarkably odd and pleasing appearance, heavily fringed.
- Missourier**—As the name signifies, this oddity will surely show you how it derived its name. The color is a very dark blood red, with an almost black center, decidedly new and odd.
- Miss Retta Kirkpatrick**—A beautifully fringed foliage with a pleasing green edge, shading to a creamy white center.
- Prince Albert Edward**—Color bright pink, beautifully mottled with chocolate, each color shading to each other, which gives it an exceptionally striking appearance and pleasing effect.

10¢ each, or the Six New Varieties at 50¢.

**WELL KNOWN VARIETIES.**

- Beckwith Gem**—Large leaves, of a chocolate brown color, margined with bright green.
- Cassamir**—Dark green leaves with a white center, irregularly blotched and sprinkled with red.
- Brilliant**—Bronzy crimson, dark veins and shadings, golden edge.
- Captivation**—Leaves bright green with a feathered center of sulphur yellow, flushed with a pale tint of rosy purple.
- Countess de Minnehoix**—Very large leaves, chocolate center, rippled edges; very fine.
- Crown Jewel**—Rich claret, margined with a bright golden yellow.
- Excelsior**—Yellow, stained with green and crimson.
- Flambeau**—Richly colored, exceedingly attractive. The leaves have a broad surface of rich velvety maroon on which is displayed a feathered bar of bright magenta, bordered by a narrow edge of olive.
- Fairy Knell**—Carmine rose, rimmed with velvety maroon.
- Glory of Autumn**—Deep crimson bronze, margined gold.
- Golden Bedder**—A distinct variety, with bright golden yellow foliage.
- Hero**—Chocolate maroon, almost black.



Coleus.

- Harry Harold**—Purplish green border with pink center; an improved Crescent.
- John Goode**—Dark green, suffused and mottled with yellow.
- Louise Christina**—Beautiful white and yellow center, laced edges; a grand variety.
- Mrs. Hunt**—Ground color, and center of leaf a bright crimson, with a deep chocolate border, edged with bright green and yellow.
- Midnight**—Maroon flamed crimson.
- Mrs. Humphreys**—Light scarlet, rimmed yellow.
- Mrs. Cedex**—Splendid foliage, eight to ten inches long, variegated with carmine, pink and green.
- President Garfield**—Rich dark maroon, almost black, veined, blotched with vivid crimson; most unique and beautiful variety.
- Princess de Ligne**—Leaves sprinkled with red and white; decidedly novel.
- Progress**—Dark olive green, blotched with purple, crimson, and gold.
- Rag Carpet**—Of most beautiful form and coloring. The leaf is large, and the ground coloring is a carmine red, running lengthwise, edged with chocolate red.
- Verschaffelti**—Rich velvety crimson. One of the best for bedding out.

5¢ each; 50¢ per dozen.

**COBEA.**

**Scandens**—A well known summer climber; foliage green, with large purple bell-shaped flowers. A desirable climber. 10¢.

**CYCLAMEN—Alpine Violet.**

Few plants are more showy than the Cyclamen. They bloom in the winter and spring. Flowers are singular in shape, of various colors, with beautiful foliage.

**Cigateum**—A marked improvement on *G. Persicum*. Showy leaves and large, beautiful flowers. Plants 10¢ to 25¢ each, according to size.

**Persicum**—Nicely marked foliage and very pretty; fragrant blossoms of peculiar shape; remains in bloom a long time, a single flower lasting for weeks. A very desirable plant for house culture. 10¢ to 25¢ each, according to size.

**DAISY.**

Favorite plants of profuse bloom, very pretty.

**White Gem**—Very large, completely double, pure white.

**Double Pink**—A beautiful flower, petals delicately tipped with pink.

5¢ each; per dozen, 50¢.

**DAHLIAS.**

Of this interesting and popular flower we have reduced our stock to the very best varieties that can be had. Our assortment embraces all the leading colors in both single and double.

**Set of Twelve Fine Cactus Dahlias.**

The Cactus Dahlias are now the most popular, and are favorites on account of their graceful appearance. The collection offered below is one of the finest that has ever been brought together.

**Asla**—Of a delicate peach color, very distinct.

**Cochineal**—Brilliant crimson.

**Fire King**—Dazzling scarlet of compact habit.

**Formosissima Plota**—Orange color, with bright scarlet stripes.

**Henry Patrick**—A fine white variety of large size.

**Honorita**—Distinct from all other sorts; a peculiar shade of amber.

**John Bragg**—Color of the richest black maroon; flowers of good size, raised well above the foliage.

**Miss Barry**—Deep rose lake; a shade quite new in this type of Dahlia.

**Nymphæ**—(*Pink Water Lily Dahlia*)—In color a clear distinct shrimp pink, shading slightly darker towards the outer petals, a color difficult to describe; this peculiar color and its form have suggested the name "Water Lily Dahlia."

**Panthia**—Rich reddish salmon, peculiar and striking.

**Robert Cannell**—Rich magenta, with a decided bluish tip towards the edge of the petals.

**Viscountess Folkenstone**—Primrose yellow, deepening towards the center.

15¢ each; the full set for \$1.00.

**Set of Nine Fine Pomponé Varieties.**

**Catherine**—Bright yellow, very distinct.

**Crimson Beauty**—Finest crimson.

**Director A Semier**—White, tipped with purple.

**Dandy**—Crimson purple, small and pretty.

**Dr. Schwebbs**—Fine, rich crimson scarlet.

**Deutscher Turnergruss**—Crimson scarlet, edged white.

**Grace**—Cerule, shaded violet.

**Gem of Lilliputs**—Dark scarlet.

**Guiding Star**—One of the very finest whites, 15¢ each; complete set for 75¢.

**Best Large Flowering Double Dahlias.**

**Duke of Bulgaria**—Deep carmine, shaded rose, fine form.

**Lehrer Carl Sachse**—Bright red, tipped heavily with golden yellow.

**Marguerite**—Lilac pink, of fine form, one of the best.

**Penelope**—White, tipped with purple, fine.

**Wacht am Rhine**—A peculiar shade of lilac.

**White Bedder**—Fine white. 15¢ each; all six varieties for 75¢.

**Best Single Dahlias.**

**Amie Barillet**—Richest scarlet.

**Blumenfalter**—Rosy purple.

**Fashion**—Crushed strawberry.

**Isaac Pitman**—Crimson striped maroon.

**John Hummerston**—Pleasing buff.

**Miss Ramsbottom**—A lovely pink. 15¢ each; this set at 50¢.



Dahlia. (Single.)

**ECHEVERIA.**



*Echeveria.*

of free, vigorous growth, and is one of the finest decorative plants in cultivation. 25¢, 50¢ to \$1.00 each.

This plant is both novel and interesting. They are useful either as pot plants for decorative purposes, or for bedding out in summer. Being natives of arid countries, they thrive best in a dry situation, growing where most other plants would fail.

**Californica** — Yellowish cast. 5¢.

**Secunda Clauca**—White 5¢.

**FICUS.**

**Elastica** — (*Indian Rubber Tree*)—It is difficult to find in nature anything more magnificent than the foliage of this plant when well grown. The plant is

**FARFUCIUM GRANDE.**

A fine foliage plant, with leathery dark green leaves, distinctly blotched, golden yellow. 25¢.

**FEVERFEW—Dwarf.**

**Little Gem**—This variety surpasses all others in every way. It is very dwarf, attaining a height only of from eight to twelve inches. The flowers are large, of perfect form, and of the purest white. 10¢.

**FERNS.**

In order to supply the increasing demand for these popular plants, we have greatly added to our collection, and have increased our facilities for growing and handling. We are making a specialty of large plants, but can supply all varieties named below in three sizes, large, medium and small. When ordering please state price you wish to pay and we will guarantee you full value for your money. Prices range from 15¢ to \$2.50 each.



*Sword Fern.*

good for planting in shaded moist locations.

**Pteris Argylea**—The inner half of leaves silvery white; a grand decorative plant.

**Pteris Tremula**—(*Quaking Fern*)—This is considered the leading variety for pot culture. It grows readily and fast, and for cut ing purposes is unexcelled.

Plants each from 15¢ to \$2.50, according to size.

**Adiantum Capillis Veneris**—Very graceful and easily grown.

**Adiantum Cuneatum** — (*Maiden Hair Fern*)—Of unusual grace and beauty, and so well known that it needs no further description.

**Blechnum Orientale**—A fern well adapted for pot culture, as it produces leaves very rapidly, which also makes it valuable for cutting purposes.

**Blechnum H**—Habit similar to *Blechnum Orientale*, but the tips of fronds are curled giving the plant a graceful and beautiful appearance.

**Nephrolepis Exalta**—(*Sword Fern*)—An excellent plant for general use. It grows and thrives in most any situation.

**Nephrolepis Bostonensis**—See Novelty.

**Pteris, Serrulata**—Hardy, attractive and

**FUCHSIAS.**

The Fuchsia is certainly one of the finest and most popular in cultivated plants, with graceful habit and beautiful flowers, and of easiest culture. They may be grown either as pot plants, or planted out in a partially shaded situation.

**DOUBLE.**

**Avalanche**—Sepals bright carmine, corolla dark purple.

**Elm City**—Sepals rich crimson, corolla purple.



*Fuchsia Phenomenal.*

**Jupiter**—A French variety of recent introduction, and the finest mammoth flowered double purple Fuchsia to date. Flower of enormous size, with very large rich violet purple double corolla, often two inches and over in diameter, tube and sepals bright crimson.

**Md. Van der Straus**—Pure red color, large, and pure white.

**Mrs. E. C. Hill**—A splendid double white; one of the best.

**Molesworth**—Sepals red, recurved, large, extra good, double white.

**Phenomenal**—One of the largest purple Fuchsias; corolla of immense size.

**Storm King**—Fine white, and of great freedom of bloom; habit dwarf.

Each: In 4-in. pots, 35¢; 3-in. pots, 25¢; 2-in. pots, 15¢.

**SINGLE.**

**Black Prince**—Corolla reddish rose color, sepals rosy carmine.

**Display**—Strong growing plant, corolla red, with deep or outer petals.

**Earl of Beaconsfield**—Sepals light rosy carmine, corolla deep carmine.

**Mrs. Marshall**—White tube and sepal, corolla bright rose.

**Prince Arthur**—Dark red center, corolla light rose.

**Spiciosa**—Bright crimson, sepals bluish.

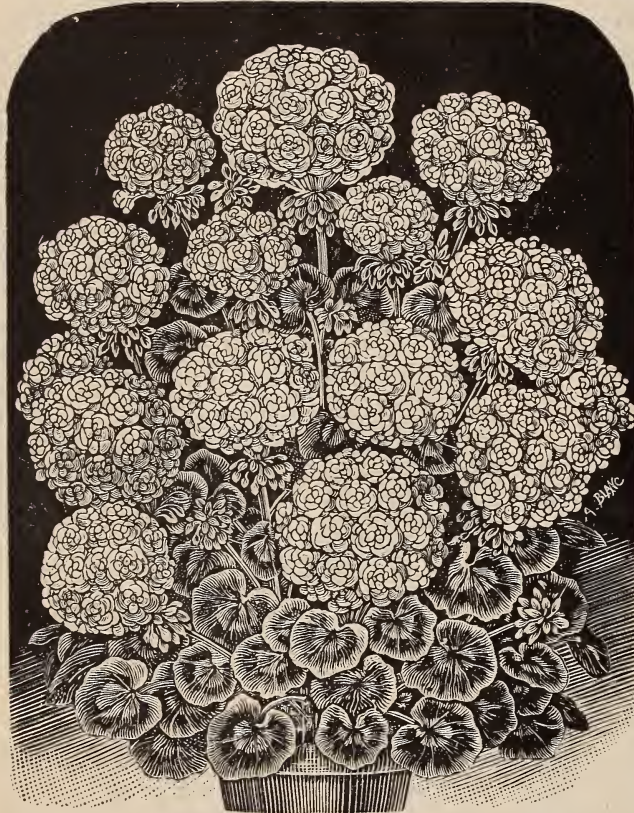
Each: In 4-in. pots, 30¢; 3-in. pots, 20¢; 2-in. pots, 10¢.

## GERANIUMS.

THESE plants give universal satisfaction. Flowers large and showy, and embrace nearly every shade and color. Bedded out they make a gorgeous display all summer, while as pot plants they have few, if any, equals. Our list contains the cream of the newest introductions. Special prices will be given for large quantities. Those denoted with an "F" are French varieties.

### DOUBLE.

- Adrian Corret**—Dwarf in habit, constant bloomer, flowers large and grand, of a striking magenta color.
- A. Fleuret**—One of the most striking Geraniums, orange shading over currant red; a free bloomer.
- Baron Darantease**—A beautiful Geranium in every particular; magnificent flowers of fine crimson color, upper petals scarlet.



Geranium—Princess d'Anhalt.

- Bonne de Laberterie**—Very soft rosy flesh color, trusses good size, florets large and beautiful.
- Castelle Mendez (F)**—Deep purple with upper petals marked with a white spot. The pink is so deep anyone at first glance would think it purple.
- Director W. Schule**—Large, semi-double flowers of madder red.
- Firenzi**—Variety red, rich and glossy. For a dark red it cannot be beat.
- Grand Chancellor Faidherb**—The flowers are very thick and double, of a dark scarlet, and heavily shaded with maroon.
- Gen. Courcy**—Enormous trusses, brick red, changing to salmon, marbled with white.
- Gloria de France**—Flowers large and double, rosy white, with dark and salmon center. Grand, distinct variety.
- Kokoma**—Strong grower, color salmon red, free bloomer.
- La Pointevin**—Large salmon colored flowers, very fine.
- La Pilote**—Glowing crimson scarlet, very brilliant, handsomely formed flowers, beautiful in their rich coloring.

**Mari**—New dwarf. See Novelty.

**Mrs. Charles Pease**—Habit dwarf; flowers of an exquisite deep pink color, with the upper petals of each flower distinctly marked with pure white.

**Princess d'Anhalt**—(See cut)—Pure snow white, large trusses, of perfect form; free bloomer, good bedder. Splendid.

**S. A. Nutt**—Dark crimson; trusses large and well formed.

**Villa de Blonday (F)**—Extra good light pink.

**William Kelway (F)**—Enormous trusses, florets double and fiery scarlet. An extra fine Geranium.

**Sunlight**—Intense fiery salmon, shaded orange, large bold truss.

10¢ each; \$1.00 per doz.

### SINGLE.

**Adirondack**—Pink center, shading to white. Free bloomer and good for cutting purposes.

**Beauty of Louisville**—Strong growing plant, flower a rich dark red; good bloomer.

**Black Prince**—Resembling above, but not as strong a grower; flower larger.

**Cracie**—White, with a distinct red ring around a small pure white eye.

**Gloria de Pointevin (F)**—Large flowers of a perfect form; intense scarlet.

**Jeannie de Arc (F)**—A grand variety. The flowers and florets of an extra large size; color carmine scarlet.

**Mrs. E. G. Hill**—This must not be confused with the old Geranium bearing the same name. Color soft, light salmon, bordered with a rich, glossy salmon.

**Mrs. Moore**—Pure white, with a beautiful ring of bright salmon around a small white eye. Habit dwarf. Free flowering.

**Master Christine**—One of the brightest and best pink Geraniums in cultivation. A free grower and profuse bloomer.

**M. A. Coddard**—Velvety plush red center capucine.

**Queen of Belgium**—A new and extra fine variety of Single White Geranium. It is a strong, healthy grower and a good bloomer. Color of the purest white, trusses large and well formed, and are borne on large stems, and we know that all who get *Queen of Belgium* will be pleased with it.

**Queen of the West**—Orange scarlet, fine bedder, large truss, and free bloomer.

**Sam Sloan**—Deep crimson scarlet, large trusses. A fine bedder.

**Sidney**—Our novelty in Geraniums, a handsome rosy pink, and a No. 1 bloomer.

**Souv. de Mirande (F)**—Without a doubt the best bedding Geranium. The color is a striking soft rosy pink in center, shading outward with a deeper pink.

**Trophie (F)**—The most peculiar shade of Geranium we have ever seen. The nearest of any to a pure lilac, it has a blue pink cast.

**White Perfection**—Pure white, and a free bloomer. 10¢ each; \$1.00 per doz.

### SCENTED GERANIUMS.

These are old favorites, and always in demand for their varied scents. Some of the varieties have also pretty flowers.

**Dr. Livingston**—Fine cut leaved.

**Lemon**—Small crisp leaves; strongly lemon scented.

**Mrs. Taylor**—A distinct variety, with a strong rose fragrance and large deep scarlet flowers; very free flowering.

**Oak Leaved**—Large leaves, with broad, black mark.

**Nutmeg**—Free flowering; small leaves, resembling those of the apple scented.

**Rose**—The common Rose Geranium.

**Variogated Rose Scented**—A sport from the rose scented variety; leaves bordered with white, sometimes assuming a pinkish tinge; very showy. 15¢. 10¢ each, except where noted.



**DOUBLE IVY-LEAVED GERANIUM.**

The grandest of all house plants or for baskets or vases. They are of easy growth and can be trained on trellises or grown to droop, being covered from January to October with a profusion of large trusses of flowers.

- Horace Choisei**—Glowing salmon pink.
- Joan of Arc**—The flowers are perfectly double, white as snow, and literally cover the plant when in full bloom. The foliage is extremely handsome.
- La Rosiere**—Immense trusses of large, full and well formed flowers of a rich, warm salmon pink color, surpasses in beauty all the colored varieties.
- Marchee**—The grandest of all Ivy Geraniums; an extra free bloomer, with large, well formed trusses: of a bright pink color; immense petals.
- Mme. Thibaut**—Very rich deep rose.

**SILVER QUEEN.**

A very decided novelty. The foliage is the brightest green, beautifully margined with a broad band of cream white. The flowers are a beautiful shade of pink, and are produced in clusters.

- Silver Queen**—See Novelties.
- St. Louis Red**—The only scarlet of a clear color; strong and good bloomer.  
10¢ each; \$1.00 per dozen.



*New Ivy-Leaf Geranium.*

**GERANIUMS WITH VARIEGATED FOLIAGE.**

- Corinne**—Clear, golden yellow foliage, flowers double, fiery orange.
- Distinction**—Leaves deep green, encircled near the edge with a distinct narrow belt of deep black, giving the plant a unique and novel appearance.
- Freak of Nature**—A very distinct Geranium, with white center and green edges.
- Happy Thought**—Center of the leaf creamy yellow, with a broad margin of deep green; flowers, magenta; dwarf habit; valuable.
- Magician**—Yellow and red center, outer edge green; strong grower, and conceded to be the best bloomer of this class.
- Mrs. Laing**—Deep green, with white border and white carmine zone.
- Mrs. Pollock**—Ground color deep green; zone bronze crimson, the margin of which is flamed with scarlet.
- Mad. Seleroi**—Rarely reaches the height of more than six inches; leaves very small, of a peculiar clear green, edged with pure white.
- Marshal McMahon**—Leaves a golden yellow, marked with a deep chocolate zone; a good bedder.
- Mountain of Snow**—Leaves bright green, broadly margined with pure white.
- Mrs. Clutton**—Creamy white margin, zone of red and black.
- Prince Bismarck**—Foliage yellowish green, with narrow zone of deep chocolate.  
15¢ each; \$1.50 per dozen.

**GENISTAC ANARIENSIS.**

*(Showers of Gold.)*

Another addition to the list of plants for pot culture. In late winter it is a solid mass of bright golden flowers. The plant is hardy and vigorous and very easy to grow. Small plants 15¢; large 50¢.

**GLADIOLUS.**

See Summer Flowering Bulbs.

**GLOXINA.**

Are among the handsomest of summer blooming plants. The bulbs should be started in the spring in a warm place. They require partial shade and a liberal supply of water while growing.



25¢ each.

**HELIOTROPES.**

Nothing can take the place of the Heliotrope in a bouquet. What they lack in brightness of color they fully compensate for in their delicious fragrance. They are suited either for bedding or for pot plants, and the delicious flowers are used very largely at all seasons for floral work.

- Purple and Gold**—This new Heliotrope blooms equally as well as any of the other varieties. It has rich golden yellow foliage, with dark purple flowers, which makes a beautiful contrast. 15¢ each.
- Florence Nightingale**—Fine, lavender, dwarf habit, very fragrant.
- Mrs. Livingstone**—Dark violet blue.
- Madame de Blonay**—Very large trusses of nearly pure white flowers; free bloomer. Makes a beautiful pot plant.
- Queen of Violets**—Color of the deepest violet purple, with large, almost pure white eye. This is without doubt the finest dark variety we have seen; will please all who grow it. An acquisition.  
10¢ each; \$1.00 per dozen, except where noted.

**HELIANTHUS, MULTIFLORUS PLENUS.**

*(Doubtless Japanese Sunflower.)*

Both fashionable and beautiful for cut flowers. The plant is perfectly hardy, growing three to four feet high, and planted either single or in clumps on the lawn makes a fine effect. The flowers are golden yellow and very double. 15¢ each; \$1.50 per dozen.

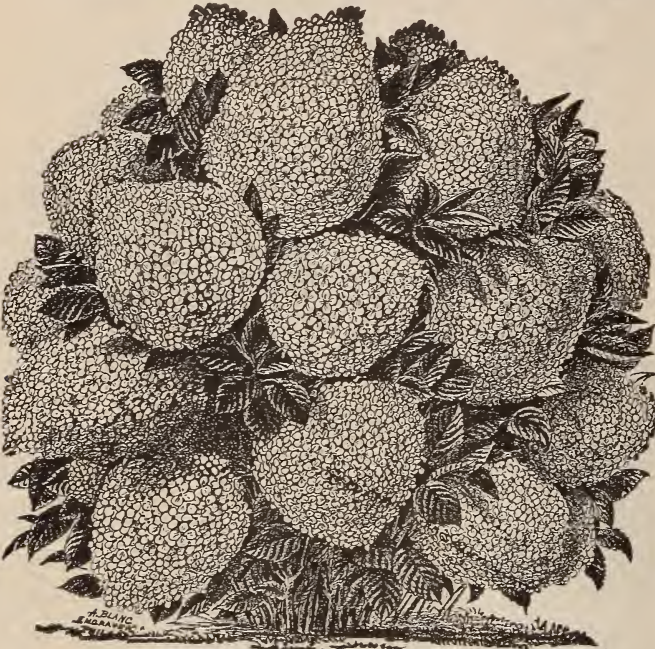
**HIBISCUS.**

- Shrubby plants, with dark, glossy green foliage, and large, showy flowers, often measuring four inches in diameter; well adapted for bedding out, and form most gorgeous objects when in full bloom.
- Brilliantissima**—The largest flowered of all the single varieties; brilliant crimson scarlet, flushed with orange, the base of the petals stained deep crimson; an extra fine variety, making fine specimens.
- Double Sulphur**—A very prolific bloomer, flowers medium size.
- Lutea Plena**—Double orange and most distinct in appearance.
- Rubra Fl. Pl.**—Dark red flowers of elegant form, large and double.
- Rosa Sinensis**—Large, single red, free bloomer.
- Zebrina**—Yellow ground, with bright scarlet stripes, well marked and very odd.  
15¢ each; \$1.50 per dozen.

## HYDRANCEAS.

Well known favorite plants. Their immense heads of bloom make them very conspicuous. For decorative plants they make a fine effect.

**Hydrangea**—(*Paniculata Grandiflora*)—One of the finest hardy shrubs in cultivation. It has no equal for cemetery decorations. 25¢ each.



*Hydrangea—Paniculata Grandiflora. (Hardy.)*

**Hortensia**—A well known and favorite variety, producing large heads of pink flowers; it thrives best in a shaded position and plenty of moisture. 10¢ to 25¢ each.

**Hortensia Variegata**—An exceedingly ornamental plant; the leaves are deep green, margined with pure white; fine for shady positions, 10¢ to 25¢ each.

**Remis Picta**—(*Red Branched*)—The new growth of wood is a deep reddish purple, making it distinct from any other variety; color of flowers deep rose or light cherry, which are produced in immense sized trusses; a grand variety. 15¢ to 25¢ each.

### IVIES.

**English**—For winter indoor decoration this is unsurpassed, also, well adapted for baskets and vases. 10¢ to 25¢ according to size.

**German or Parlor**—A rapid growing trailing plant, with yellow flowers. 10¢ each.

### IPOMEA NOCTIFLORA—Moon Flower.

A free growing climber, suitable for covering arbors, verandas, decayed treas, etc. Flowers large, pure white, five inches in diameter. Very fragrant, and open at night and on cloudy days. 10¢ each; \$1.00 per dozen.

### LANTANAS.

These useful, healthy, free blooming bedding plants are invaluable for the summer decoration of the garden, and are, in addition, easily managed and constant winter bloomers.

**Delicatissima**—Pink lilac, trailing.

**Don Calumet**—Bright orange pink.

**Firefly**—Yellow center, with red fiery eyes, a solid mass of flowers during the whole summer.

**Globe de Or**—Flowers small, pure bright yellow, plant semi-dwarf and bushy; very free flowering.

**Innocense**—Dwarf, light sulphur, changing to pure white.

**Ignis**—Of compact growth; a brilliant fiery red, very free flowering.

10¢ each; 75¢ per dozen.

## LOBELIA.

Among the most useful plants for hanging baskets, or for the front or outside row in ribbon lines. Their dwarf habit and the profusion of their flowers render them exceedingly ornamental.

**Erlinus Cracillis**—Trailing blue. 5¢.

**Erlinus Compacta Oculala**—Dark blue, with a distinct white eye. 5¢ each.

## MADERIA VINE.

See Summer Flowering Bulbs.

## MAURANDIA VINE.

A beautiful trailing vine and very rapid grower; fine for hanging baskets and vases. 10¢ each.

## MESSMBRYANTHEMUM.

### Ice Plant.

**Cordifolium Variegatum**—A beautiful variegated variety with star-like flowers; a good trailer. 15¢.

## MOSQUITO PLANT.

Very odd plant, the flowers resembling a mosquito. We have them in two colors, pink and white. A constant bloomer. 10¢ each, \$1.00 per dozen.

## MYRTLE—Crape.

A neat little tree bearing exquisitely fringed pink blossoms. 10¢ to 35¢ each.

## MICNONETTE—Giant.

This is quite an improvement over the old varieties. Nice well grown plants. 5¢ each.

## MYRISIPHYLLUM

### ASPARAGOIDES.

#### Smilax.

The well known and indispensable vine for using as a green with cut flowers, it has no equal, its hard texture enabling it to keep for several days without wilting after being cut. It is also fine as a parlor or winter plant. 10¢ each.

## MYOSOTIS (Forget-Me-Not.)

Neat and beautiful little plants with star-like flowers; succeed best in a shady, moist situation; the flowers are of a beautiful blue color. 10¢ each.

## NIEREMBACIA CRACILIS.

A well known bedding plant of slender, grass-like habit, with bluish white flowers an inch in diameter; flowers from June to November. 10¢ each.

## NASTURTIUM.

This well known annual is one of the best for trellis and arbor decoration. Flowers of a great variety of rich colors. Also excellent for vases and baskets.

**Tall**—Fine colors. 5¢ each; 50¢ per dozen.

**Dwarf**—Fine colors. 5¢ each; 50¢ per dozen.

## OLEANDERS.

Well known and popular plant, unsurpassed for hardiness, freedom of growth and beauty of flowers.

**Madonna Grandiflora**—Fully as large as the double pink and nearly as double; pure white; strong habit. 25¢ each.

**Rosea Splendens**—The common double; rose colored. 25¢ each.

Large plants 50¢ to \$1.00 each.

## OTHAHITE ORANGE.

One of the most deserving decorative plants cultivated. It has the same deep green fragrant foliage as the Sweet Orange; of decidedly dwarf, bushy growth. Plants not over a year old produce delicious blossoms, which are succeeded by fruit. Each, 25¢ to 50¢.

**OXALIS.**

The three varieties named below are the very best of this popular basket plant, and we can recommend them without hesitation.

**Bowie**—Large, bright rose color, and a strong grower. 5¢ each.

**Bermuda Buttercup**—Color yellow; profuse bloomer. 10¢ each.

**White**—Large flowers; the best of whites. 5¢ each.

**PANDANUS AND DRACENA.**

(Decorative Plants.)

**Pandanus Utilis**—For majesty of form and gracefully arranged foliage, this is without doubt a peer as an ornament for the window; its glossy, dark green foliage renders it unusually attractive. It is also largely used to decorate halls in the finest private residences and shows grandly on the lawn when grown to sufficient size. 25¢ to \$1.00 each.

**Pandanus Veitchie**—This beautiful plant is solely grown for decorative purposes. In habit it resembles *Pandanus Utilis*, but has variegated foliage of green and white, and their uniformity of growth make them very desirable. Each, \$1.00

**Dracena Indivisa**—Of all the plants in use for center of vases, baskets, or for beds in the open ground, nothing is so valuable as this. From its graceful drooping habit, it is sometimes called the "Fountain Plant." 25¢, 50¢, 75¢ and \$1.00 each according to size.

**PALMS.**

Our collection contains the most suitable and desirable specimens for the parlor or conservatory. Among them are found some of the most ornamental plants. The Palms have become exceedingly popular for decorative purposes, and are well deserving of all the attention they receive. The varieties named below are some of the most desirable.



*Latania Borbonica.*

**Areca Lutescens**—One of the most graceful varieties. The foliage is of bright glossy green, with rich golden stems. We have them in three sizes. 5-inch pots, each \$2.00; 6-inch pots, each \$2.50; 6-inch pots, extra strong plant, \$3.00.

**Kentia Belmoreana**—An exceptional good hardy palm. 5-inch pots, \$2.00; 6-inch pots, \$2.50; 6-inch pots, extra strong plant, \$3.00.

**Kentia Fosteriana**—Resembles above, being of stronger growth, with broader, heavier foliage.

**Latania Borbonica**—(*Fan Leaf Palm*)—This popular variety is too well known to need any description. 5-inch pots, each \$2.00; 6-inch pots, \$2.50; 6-inch pots, extra strong plant, \$3.00.

**PANSIES.**

As we have given this plant special selection and cultivation, the stock offered can be relied on as embracing the best from foreign and domestic collections. It combines with flowers of the largest size and finest form the most exquisite gradations of color.

Good strong plants, 5¢ each; 50¢ per dozen.

**PELARGONIUM.**

This class is better known as "Lady Washington Geranium." There are few plants that make a more beautiful and satisfactory display when they receive the care and attention they need.

**Beauty**—Crimson maroon petals, shaded to a white center; dark spot in center of each petal; free bloomer.

**Captivation**—Pure white, dark spots.

**Eclipse**—Blackish maroon, edge crimson, light center.

**L'Avonir**—Beautifully striped white and crimson.

**Maddon's Victor**—Upper petals almost black and very velvety; lower ones a bright lively crimson; center pure white; very showy.

10¢ each; \$1.00 per dozen.

**PETUNIAS—Double.**

*Petunia Double.*

Few plants have so much improved as the Petunia. The double flowers are of very much greater size than the largest of the singles, and are very richly colored. They flower freely, and continue often even after hard frost.

**Argus**—White, blotched purple.

**Aurora**—Dark carmine, heavily fringed.

**Coronet**—Fringed white, blotched lake.

**Venus**—Double pink, heavily fringed.

**Elfrida**—Fringed white, shaded rose.

**Flora**—White, blotched purple.

**Snowdrift Improved**—Pure white, large and heavily fringed; a grand variety.

10¢ each; \$1.00 per dozen.

**PEPEROMIA.**

Pretty dwarf-growing plants, requiring partial shade and moisture; suitable for baskets, vases, ferneries, etc.

**Rosædøflora**—This plant bears tiny, spire-like spikes of white flowers at the apex of pink stems, the lower portion of which are clothed with small velvet leaves. 20¢ each.

**PILEA ARBorea.**

A very neat and pretty plant, resembling some of the ferns in general appearance. Its graceful habit makes it desirable for baskets and vases. 10¢ each.

**PLUMBAGO.**

**Capensis**—A most beautiful plant, producing freely throughout the summer and fall large tresses of azure blue flowers, forming a pleasing contrast to the numerous scarlet bedders. 10¢ each.

**PRIMROSE—Mexican.**

A charming plant, which in its bloom excels all others. The flowers are almost three inches in diameter, cup shaped, of a beautiful bright pink color with scarlet veins, and have a large showy white center. It is a plant of easy culture, and will succeed in any soil or situation, and blooms in great profusion all through the summer and autumn. 10¢ each; \$1.00 per dozen.

**PYRETHRUM—Golden Feather.**

A splendid plant for edging flower beds. Its yellow foliage makes a very pleasing contrast against the green foliage of other plants. 5¢ each; 50¢ dozen.

**ROSEMARINUS—Rosemary.**

Very sweet scented dwarf-growing plant, of easy culture and well known. 10¢ each.



New *Salvia* "Splendens, Drooping Spikes."

**SALVIAS. Flowering Sage.)**

Very popular bedding, plants blooming from July until cut down by the frost.

**Bonfire**—We recommend this variety with the greatest confidence, as we know it will please everyone who tries it. The plant is of dwarf habit, and a constant bloomer. They actually bloom from time of planting until stopped by frost. Color an intense scarlet, and planted in masses they are gorgeous, but the single plants are also effective.

**Apple Scented**—This plant will be highly appreciated when known, as it possesses the same strong apple scent as the well known *Geranium*. Is of free growth, and produces numerous rich crimson flowers.

**Marmarata Nana**—A dwarf grower and very profuse bloomer; flowers beautifully marbled scarlet and white.

**Splendens Gordoni**—One of the finest of fall blooming plants, being completely covered in autumn with long spikes of dazzling scarlet flowers.

**Splendens Alba**—A white flowering variety, forming a pleasing contrast when planted with the scarlet.

**Vermont**—See Novelties.

10¢ each, except Novelties.

**STEPHANOTIS FLORIBUNDA.**

One of the most charming hothouse climbers, growing rapidly, with long, glossy, deep green foliage, and producing clusters of pure white flowers, deliciously fragrant. Very extensively used for cut flowers. 10¢ to 25¢ each.

**SWAINSONIA CALECIFOLIA ALBA.**

A native of Australia, of very graceful habit. The vines trained up on the side of a window or a trellis present a lovely sight. The foliage is a light green, while the flowers are pure white, resembling Sweet Peas. Easily grown, and under favorable conditions almost a perpetual bloomer. 15¢ each.

**TRADESCANTIA.**

The following varieties of *Tradescantia*, often called Wandering Jew, have beautiful marked foliage, and are fine for hanging baskets and vases, or for house culture, as they will endure almost any hardship if liberally supplied with water.

**Alba Lineata**—Strong grower, with beautiful yellow lines running the full length of the leaves.

**Multicolor**—Leaves beautifully striped with white, crimson and bright olive green, sometimes sports.

**Zebrina**—Leaves dark green, with silvery strips. 10¢ each.

**TUBEROSES.**

See Summer Flowering Bulbs.

**VERBENA.**

The *Verbena* of the present day has no equal for bedding purposes, and you have the satisfaction of knowing that they will grow, bloom, spread, and become more beautiful from day to day.

**Beauty of Oxford**—Mammoth pink, good bloomer.

**Big Blue**—Deep blue.

**Blue Belle**—Blue, with distinct white eye.

**Firefly**—Dark red.

**Fragrance**—Bright pink, evenly striped with red. A strong upright grower.

**La Princess**—Lilac.

**Lavender**—A pleasing shade of blue.

**Mrs. Cleveland**—Large pure white.

**Mrs. Woodruff**—Extra large flowers, color a rich shade of scarlet.

**Negro**—Purplish black.

**Rosy Morn**—Delicate rose color.

**White Queen**—Pure white, sweet scented. 5¢ each; 50¢ per dozen.

**VINCA (Periwinkle).**

Fine bedding plants, and being continuous bloomers, they are very useful for cut flowers. The plants will bloom from the time they are planted until stopped by frost. We have three colors. Pure white, pink, and pink with white eye. 10¢ each; \$1.00 per dozen.

**VIOLETS.**

Three Fine New Varieties.

**Admiral Avellan**—French variety with distinct reddish purple flowers; entirely new from anything yet introduced. 25¢ each.

**Californica**—This variety is already becoming popular as the successor of *Victoria Regina*, and deserves its popularity, as its strong, long stems make it more valuable than the old variety. 15¢ each; \$1.50 per dozen.

**Luxonne**—Without doubt the best single variety now grown; flowers are large, and of a beautiful rich, but soft violet purple color, which grow on strong, long stems.

15¢ each; \$1.50 per dozen

# Hardy Flowering Shrubs and Climbers.

These plants are mostly old acquaintances. Some varieties have been greatly improved in late years and they are all coming into favor again.

## HARDY CLIMBERS.

**Ampelopsis Veitchii**—(*Japan Ivy*)—Very valuable for covering walls, as it firmly clings to the surface, hardy in this latitude, leaves bright green, changing to rich crimson in the fall. Each 25¢; or five for \$1.00.

**Bignonia Rudicans**—(*Trumpet Flower*)—Rapid climber, with large scarlet trumpet-shaped flowers, very showy. 25¢ each.

## CINNAMON VINE.

A fine hardy climber, and well known in some parts of the country as Chinese Yam. The tubers grow very large, and are edible like a sweet potato. The vine is a beautiful rapid grower, producing sweet-scented flowers. 10¢ each; 75¢ per dozen.



**CLEMATIS.**

The most splendid of climbers, perfectly hardy and free bloomer.

**Clematis Paniculata**—(*New Sweet Scented Japan Clematis*)—Foliage remarkably clean and healthy, and very free from insect enemies; of a deep, clear, glossy green, flowers pure white.

**Jackmanii**—Dark purple.

**Lady Caroline Neville**—Blush white,

**Lucy Lemoine**—Double, snow white.

**Henri**—Creamy white, strong roots.

75¢ each.

## HONEYSUCKLE.

Well known and popular.

**Chinese**—Flowers nearly white, and sweet-scented; retains foliage till late in the fall. 15¢ each.

**Scarlet Trumpet**—Blossoms freely the entire summer; flowers bright and red. 15¢ each.

## MADEIRA VINE.

The Madeira vine is a favorite tuberous-rooted climbing plant, with dense and beautiful foliage, and of very rapid growth, twining on strings to a great height, or forming garlands in fanciful forms. In the autumn it is covered with feathery white flowers, sweet and fragrant as the *Mignonette*. It flowers best in a warm, sunny location.

Tubers, 5¢ each; 25¢ per dozen.

## PASSION FLOWER.

**Passiflora**—(*Passion Vine*)—One of the most rapid climbers, with heavy dense foliage, unique and beautiful flowers of a pale lavender color. 20¢ each.

**Constance Elliott**—The flowers are pure white, excepting a very slight coloring at the base of the corolla. A decided acquisition. 20¢ each.

## HARDY PERENNIALS.

**Coreopsis**—(*Lanceolate*)—A beautiful, hardy bordering plant, producing bright golden flowers during the entire season, also fine for vases. 20¢ each; two for 35¢.

**Decenta Spectabilis**—(*Bleeding Heart*)—Very ornamental plant with drooping leaves of bright pink, and white flowers. 20¢ each; two for 35¢.

**Iris**—(*German Flag*)—Greatly improved in late years. We have the white, yellow and pink. 10¢ each; six for 50¢.

**Phlox**—(*Perennial*)—There is no class of plants more desirable than perennial Phlox. We have them in red, pink and white. 10¢ each; \$1.00 per dozen.

## PÆONIAS.

Magnificent hardy plants, almost rivaling the rose in brilliancy of color and perfection of bloom. They thrive in almost any soil or situation, and when planted in large clumps on the lawn make a magnificent display of flower and foliage. Some of the varieties are very fragrant; they are perfectly hardy, require little or no care, and produce larger and finer blooms when well established. The varieties offered embrace the best contrasting colors.

**Double Red**—25¢ each.

**Double White**—25¢ each.

## EULALEAS.—Ornamental Grass.

**Japonica Var.**—(*From Japan*)—Leaves striped green and white.

**Zebrina**—Similar to above, but stripes run across the leaf, and not up and down as on the variegata.

**Gracillima Univittata**—Narrow green leaves, with silvery white stripe in center of leaves, 25¢ each; or five for \$1.00.

## HARDY SHRUBS.

**Althea**—(*Rose of Sharon*)—Very showy and beautiful, blossoms freely during August and September. We have the following varieties: *Double Rose*, *Double White*, and *Double Variegated*. 25¢ each.

**Deutzia**—A very desirable dwarf growing shrub, with pure white flower. 20¢ each.

**Lilac**—Well known, and one of the earliest flowering shrubs. 25¢ each.

**Spiraea**—Dwarf shrub, with white flowers, blooming throughout the season. 20¢ each.

**Snow Ball**—This shrub is well known; flowers in June. 25¢ each.

**Weigelia**—One of the most conspicuous shrubs, flowers pink, and the leaves indozined creamy white. 25¢ each.

# SUMMER FLOWERING BULBS.

THE cultivation of Summer Flowering Bulbs is increasing from year to year. Their culture is more simple and easy, as they require less care in starting. They grow rapidly, flower the first season, and bloom and multiply every year, and most of them are so beautiful, graceful, and fragrant that they are now considered indispensable by all lovers of flowers.

## CALADIUM

This plant is one of the best for yard or lawn ornaments; its large and tropical foliage makes a pretty effect when planted with Cannas for center of flower bed. We have large, well matured bulbs that can be relied upon for a fine production of foliage. 10¢ to 25¢ each.

## GLADIOLUS.

For a succession of flowers during the whole summer season no plants are better adapted than the Gladiolus. By planting a few bulbs the latter part of April, and every week or two thereafter until the first of September, you can depend on having these beautiful flowers at all times during the entire summer. Bulbs 5¢ each, 50¢ per doz.

## MADEIRA VINE.

The Madeira Vine is a favorite tuberous-rooted climbing plant, with dense and beautiful foliage, of very rapid growth, twining on strings to a great height or forming garlands in fanciful forms. In the autumn it is covered with feathery white flowers, sweet and fragrant as the Mignonette. It flowers best in a warm, sunny location. Tubers 5¢ each, 25¢ per doz.

## TUBEROSES.

The Tuberose cannot be surpassed for delicious fragrance and delicate pure white flowers. We have both the *Tall* and the *Pearl*. They should be planted in a warm situation, but partially shaded from the sun to give a successful bloom. *Tall, Double*, 5¢ each, 40¢ per doz. *Pearl* 5¢ each, 40¢ per doz.

## TUBEROUS BECONIAS.

Although not a novelty, are worthy of special mention in the Catalogue. They are amongst the handsomest of Summer Flowering Bulbs, and are coming into popularity more every year. There is no plant that will prove more satisfactory either for pot or bedding than the Tuberous Begonia. We have them in the following colors: *Brilliant Red, Dark Red, Rose, White, and Yellow*. Bulbs 15¢ each, \$1.50 per doz.



Tuberous Begonia.



Tulips.

# BULBS FOR FALL PLANTING

It should be borne in mind that the following Bulbs must be secured and planted in Autumn whether they are wanted for flowering in the house or for a display out of doors in the early Spring. Our stock of Bulbs arrives from Holland about the middle of September, and we issue a Special List of Bulbs, giving names, colors, and prices of the different varieties. This list is mailed free to all who apply for it, but for the benefit of such as may not receive the list we quote here some of the most popular varieties.

	Each.	Doz.
Crocus (different colors).....	—	\$ .10
Crown Imperials (separate colors).....	15¢	1.50
Freesias (white) .....	—	.20
Hyacinths (mixed colors).....	—	.75
“ (named varieties).....	10¢	1.00
Lilium Auratum (Golden Banded Lily) .....	20¢	—
“ Candidum (Single White Lily).....	10¢	1.00
“ Chinese or Sacred Lily .....	15¢	—
“ Harrisii, Easter Lily.....	25¢	—
Narcissus (double).....	5¢	.40
“ (single).....	5¢	.30
Oxalis (different colors).....	—	.20
Roman Hyacinths (different colors).....	5¢	.10
Tulips (mixed colors).....	—	.25
“ (named varieties).....	5¢	.40
Snowdrops (double).....	—	.30
“ (single).....	—	.20

ABRIDGED LIST

—OF—

Flowering and Ornamental Plants.

Lack of space prevents us giving extended descriptions of the following well known and useful plants:

	Each.	Doz.		Each.	Doz.
<b>Antirrhinum</b> —Choicest mixed. All colors	5¢	\$ .50	<b>Jasminum</b> —( <i>Gradiflorum</i> )—A valuable winter blooming plant.....	15¢	—
<b>Amaranthus</b> —( <i>Joseph's Coat</i> )—Three sorts	5¢	.50	<b>Kenilworth Ivies</b> —A neat and delicate plant.....	10¢	—
<b>Balsam</b> —Mixed.....	5¢	.50	<b>Lemon Verbena</b> —Valued for its fragrant leaves.....	10¢	1.00
<b>Cuphea Platycentra</b> —( <i>Segar Plant</i> )—and <i>Hyssopifolia</i> .....	10¢	1.00	<b>Manattia Vine</b> —Excellent climber.....	10¢	—
<b>Coxcombs</b> —All colors mixed. Ready May 1st.....	5¢	.50	<b>Mesembryanthemum</b> —( <i>Ice Plant</i> ).....	10¢	1.00
<b>Centaurea Gymnocarpa</b> —Fine for hanging baskets.....	5¢	.50	<b>Phlox Drummondii</b> —All colors.....	5¢	.50
<b>Dianthus</b> —( <i>Summer Garden Pinks</i> )—All shades of color.....	5¢	.50	<b>Poinsettia Pulchirima</b> —A tropical plant.....	15¢	—
<b>Hoya Carnosa</b> —( <i>Wax Plant</i> )—An excellent climbing plant.....	25¢ to 50¢	each	<b>Smilax</b> —Climber.....	10¢	1.00
<b>Impatiens Sultana</b> —One of the prettiest flowering plants.....	10¢	—	<b>Vincas</b> —Trailing sorts.....	10¢	1.00
			<b>Zinnias</b> —All colors mixed. Ready May 15..	5¢	.50



Cut Flowers.

To this branch of our business we would call special attention, as we are at all times prepared to furnish fresh Cut Flowers grown in our own houses, which are far superior to flowers handled by commission dealers.

Artistic Arrangement.

In the way of arranging Cut Flowers into designs of any shade desired, we stand second to none in the West, which is easily proven by the yearly increase and demand for our floral work.

Terms for Cut Flowers strictly Cash.

Orders by mail or telegraph must state prices customers wish to pay, and to accommodate such customers we give an

APPROXIMATE PRICE LIST.

Bride's Bouquet of Choice Flowers—with lace and satin papers or silk fringe.....	\$1.00 to \$5 00	Faith, Hope, and Charity—Each separate, oblong vase.....	\$3.00 to \$10.00
Bridesmaids' Bouquets—with lace and satin	.50 to 2.00	Faith, Hope, and Charity, frames combined	4.00 to 10.00
Hand Bouquets— for parties.....	.25 to 1 00	Gates Ajar.....	5.00 to 25.00
Table Bouquets.....	.50 to 5.00	Harps.....	3.00 to 5.00
Buttonaires—10¢ to 25¢ each.....	Per doz. .60 to 2.00	Harps—on stands.....	4.00 to 10.00
Baskets—oval, with handles.....	.50 to 5.00	Hearts.....	1.00 to 3.00
Baskets—oval or round, flat.....	.50 to 5.00	Horseshoes.....	1 00 to 3.00
Anchors.....	.75 to 5.00	Lyres.....	3.00 to 15.00
Anchors—on stands.....	3.00 to 10.00	Lyres—on stands.....	4.00 to 10.00
Bells.....	5.00 to 15.00	Masonic Designs—Square and Compass.....	4.00 to 10.00
Broken Columns.....	5.00 to 15.00	Monuments.....	3.00 to 10.00
Bow and Arrow.....	2.00 to 5.00	Odd Fellows' Designs.....	3.00 to 8.00
Crosses.....	.75 to 5.00	Pillows.....	3.00 to 15.00
Crosses—Maltese.....	1.00 to 3.00	Sickles.....	1.00 to 5.00
Crosses—on stands.....	3.00 to 10.00	Stars.....	1.00 to 3.00
Crowns—flat.....	1.00 to 3.00	Wreaths.....	.75 to 5.00
Crowns—round.....	3.00 to 10.00		

Address all Letters or Telegrams to our Office, 424 Commercial Street.

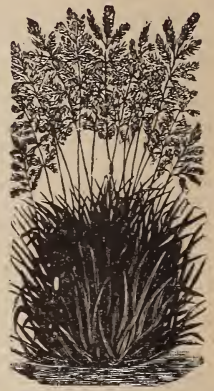
# FARM SEEDS.

## Choice, Selected and Recleaned GRASSES AND CLOVERS.

AN account of the early publication of this Catalogue, we cannot bind ourselves to the prices given on FIELD and AGRICULTURAL SEEDS. These are market articles, and prices are subject to variation; but purchasers may depend on having them at the price ruling from the store on the day of shipment, and of the best quality, and that we always will send as much seed as the money received will pay for.



Timothy (strictly pure).



Kentucky Blue Grass.

### TERMS.

Cash with order. Two-bushel bags 15c. each extra. Express or Freight Charges always to be paid by the purchaser, except if to be sent by mail and sufficient money is sent to prepay postage.

## GENERAL LIST OF GRASSES AND CLOVERS. Prices Subject to Change.

### CLOVERS.

**Medium Red Clover**—The common Clover in general cultivation; grows two to three feet high, and is the best for hay. When used alone, sow about ten pounds of seed per acre. Per lb. 15¢; bu. \$5.50.

**Mammoth Red Clover**—Grows four to six feet high. The variety best adapted to plowing under as green manure, on account of the enormous mass of tops and roots which it produces. Sow ten pounds per acre. Per lb. 15¢; bu. \$6.00.

**White Clover**—*White Dutch*, *Trifolium Repens*—The best of the Clovers for permanent pasturage, but prefers moist land. Mixed with Blue Grass or Perennial Rye Grass or Taller Oat Grass it makes a permanent pasture of great grazing value. Sow six pounds per acre when used alone. Per lb. 20¢; bu. \$10.00.

**Alsike or Swedish Clover**—It is hardy, resists extremes of drought and wet, and is well suited to sowing on lands liable to wash, as its long, fibrous roots spread over a wide area. Per lb. 20¢; bu. \$8.00.

**Scarlet or Crimson Clover**—This is an annual variety, and has been found to be a very profitable crop in the Middle States, on both rich and poor lands. It is seeded at any time from June to October. Per lb. 15¢; bu. \$6.00.



Alfalfa Clover.

### ALFALFA

Thrives best in a warm and friable soil, above a subsoil porous or gravelly—the opposite of a stiff, compact clay, "gumbo" or "hardpan," or any stratum through which the roots penetrate with difficulty, although occasional exceptions to the latter are claimed as having been observed. A sandy loam soil appears to afford the most favorable conditions for Alfalfa growth where not irrigated. More than almost any other plant, it depends for its prosperity upon a subterranean rather than a surface water supply.

#### THE SEED

Used should be free from seeds of weeds or other plants, and may be sown either broadcast or with a drill, and should be covered, approximately, with an inch of fine soil.

#### THE QUANTITY

Of seed varies. If the crop is chiefly intended for seed raising twelve pounds are often found sufficient, while, if a fine quality of hay is desired, sometimes as much as thirty pounds are sown; yet twenty pounds represent nearly the quantity used by the generality of those who raise the crop for both hay and seed. If

sown in the spring, it should be as early as danger from frost is past.

Lb. 15¢, peck \$2.00, bu. (60 lbs.) \$6.00.





German Millet.

# GRASS SEEDS.



**Timothy**—(*Herd's Grass*)—Starts late and grows rather slowly, flowering about four weeks after *Red Clover*. Sow twelve pounds per acre. Per lb. 10¢, bu. \$1.50.

**Red Top**—Thrives best on low lands, where it cuts a good crop of rather light hay, of fair quality. Suitable for low pastures. Sow one to four bushels per acre. Per lb. 10¢, bu. \$1.00. *Fancy*, per lb. 15¢, bu. \$1.75.

**Kentucky Blue Grass**—(*June Grass*)—A very valuable pasture grass; perennial, and spreads rapidly. Is sensitive to good treatment and will often drive out most other grasses. Sow two bushels per acre. *Fancy*, per lb. 15¢, bu. \$1.50.

**Orchard Grass**—This valuable grass is tender and palatable. If cut while in flower, or very soon after, it makes first-rate hay; ripe, it makes poor hay. Makes excellent pasture. Sow twenty-eight pounds per acre if sowed alone. Per lb. 20¢, bu. \$2.00.

**Meadow Fescue**—(*Festuca Pratensis*)—A valuable grass for permanent pastures, very productive and nutritious. Per lb. 15¢, bu. (24 lbs.) \$2.50.

**English Rye Grass**—(*Lolium Perenne*)—Very nutritious, and a rapid growing variety, valuable for meadows and pastures. Per lb. 10¢, bu. (24 lbs.) \$2.00.

**Sweet Vernal Grass**—Useful as a mixture with other grasses on account of its early growth. It emits an agreeable odor when cut for hay. Per lb. 20¢.

**Superior Mixed Lawn Grass**—Is a mixture of the best quality of such grasses as will withstand the heat and dry weather of our summers. The soil should be put in good condition before sowing and the lawn kept free from weeds the first season. The quantity of seed required is one pound to every four hundred square feet. Per lb. 20¢, bu. (4 lbs.) \$2.00.

**German, or Golden Millet**—Not so early as the *Common Millet*, but yield a much larger crop. Will grow from three to five feet high; the heads are closely condensed; spikes very numerous; seeds golden yellow, round, in rough bristly sheaths. The stalks are soft and readily eaten by all kinds of stock. Twenty-five to thirty-five pounds will sow one acre. Per lb. 5¢, bu. (50 lbs.) \$1.00.

**Common Millet**—Common Millet requires a light rich soil, and grows two and one-half to four feet high, with a fine bulk of stalks and leaves, and is excellent for forage. Sow in drills or broadcast, from May 1st until the last of July, twenty-five to thirty-five pounds to the acre. Per lb. 5¢, bu. (50 lbs.) 75¢.

**Hungarian Grass**—A valuable forage plant. Succeeds well on dry, light soil; withstands the drouth remarkably, remaining green when all other vegetation is parched up, and if its development is arrested by dry weather, the least rain will restore it to vigor. Sow at the rate of twenty to thirty pounds to the acre. Per lb. 5¢, bu. (48 lbs.) 75¢.

## CHOICE SELECTED SEED CORN.

### YELLOW CORN.

**Iowa Gold Mine**—Is as near perfection as corn can be. It is early, ripening only a few days later than *Pride of the North*; ears of good size, color bright, golden yellow; grains very deep and cob small. Seventy pounds in the ear makes sixty to sixty-two pounds shelled corn.  $\frac{1}{4}$  bu. 40¢, bu. \$1.00.

**Dakota Yellow Dent Corn**—This is the earliest Yellow Dent Corn in cultivation and comes from Southern Dakota. Stalks grow from six to seven feet high, ears seven to nine inches long, very deep, soft grain, small cob; ripening usually in eighty to eighty-five days.  $\frac{1}{4}$  bu. 40¢, bu. \$1.25.

**Leaming**—Ears good size, cob red and small, bright yellow grain; quite early.  $\frac{1}{4}$  bu. 35¢, bu. \$1.00.

**Early Mastodon**—A new early dent variety originated in Northern Ohio. The ear is *extra large*, with large deep grains; it grows strong, rank, quick, and makes fine appearing shelled corn—two shades of white and yellow. In the American Agriculturist corn contest of 1889, it outyielded all others, making the wonderful record of 213 bushels shelled corn to the acre.  $\frac{1}{4}$  bu. 30¢, bu. \$1.00.

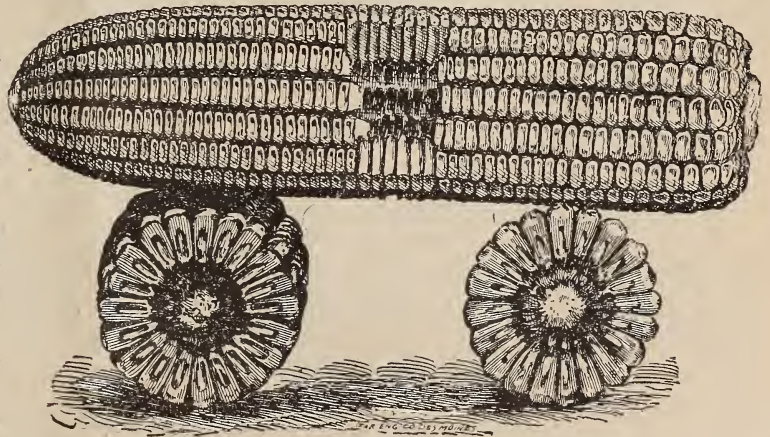
**Golden Beauty**—From twelve to sixteen rows; bright golden kernels, very large, well filled to the extreme end of the cob.  $\frac{1}{4}$  bu. 35¢, bu. \$1.00.

**Pride of the North, or Prairie Queen**—A well known variety. A ninety-day *Yellow Dent* very small cob; twelve to fourteen rows.  $\frac{1}{4}$  bu. 35¢, bu. \$1.00.

**Common Yellow Selected**— $\frac{1}{4}$  bu. 25¢, bu. 75¢.

### WHITE CORN.

**Hickory King**—Has the largest grains, with the smallest cob of any white corn grown; generally bears two good-sized ears to the stalk.  $\frac{1}{4}$  bu. 35¢, bu. \$1.00.



Iowa Gold Mine.

**Kansas King**—A cross between the *Hickory King* and *Champion White Pearl*. It has medium high and very strong stalks, and stands heavy winds and storms without being blown down.  $\frac{1}{4}$  bu. 35¢, bu. \$1.00.

**Champion White Pearl**—Stalks short and thick; the grains are pure white, deep and heavy; 16 rows; highly recommended. Qt. 15¢, pk 35¢, bu. \$1.00.

**Common White Selected**— $\frac{1}{4}$  bu. 25¢, bu. 75¢.

**Giant Fodder**—In proportion to the quantity of leaf, this variety has a smaller stalk than any other fodder corn known to us. In growth it is very tall and leafy, and yields an immense quantity of fodder of excellent quality. The extraordinary productiveness of the Giant Fodder arises from the closeness of the joints, and asleaves are thrown out at every joint, the result is an increased yield of fodder over every other variety. Per lb. 20¢, postpaid; by express or freight, peck 35¢, bu. \$1.00.

# Miscellaneous Farm Seeds

PRICES subject to market fluctuation. Two-Bushel Bags 15 cents extra each. Express or Freight Charges: always to be paid by the purchaser. If wanted to be sent by mail postage must be added at the rate of 8 cents per pound.

## BARLEY.

Barley succeeds best on lands more sandy and lighter than those adapted for wheat. It is sown in the spring or fall. Unless it is intended for seed, it should be cut before fully ripe. Product from thirty to fifty bushels per acre. Bu. (48 lbs.) 75¢.



## BUCKWHEAT.

Buckwheat should be sown about the middle of June, broadcast, at the rate of from one to three pecks per acre. The average yield is from twenty-five to thirty bushels per acre. It should be threshed as soon as dry. If allowed to stand in mass it quickly gathers moisture, therefore due attention should be given to handling it promptly.

**Japanese**—Peck 40¢; bu. \$1.25.

**Silver Hull**—Peck 40¢; bu. \$1.25.

**Common**—Peck 35¢; bu. \$1.00.

## BROOM CORN SEED.

**Missouri Evergreen**—A favorite in Kansas, Nebraska, and Missouri. Grows to be a good length, and if cut at the proper time has good color. Peck 35¢; bu. (46 lbs.) \$1.00.

**California Golden**—An excellent standard variety; grows a very fine bush of good length, and is free from the large center stem. Peck 35¢; bu. \$1.00.

**Dwarf Broom Corn**—Grows from three to four feet high, with straight, smooth tops; principally used for whisks and brushes.  $\frac{3}{4}$  bu. 50¢; bu. \$1.50.

## CASTOR BEANS.

This crop is raised almost entirely, in this country, in Southwestern Missouri and Kansas, Pays well at fair prices. Is a good fertilizer, and is a good crop to follow flax. Peck 65¢; bu. (46 lbs.) \$2.00.

## FIELD BEANS.

Plant after danger from frost is past, in dry, light soil. Best crops are grown in rich soil, but beans do well in ordinary soil, and should be grown in many sections to a greater extent than they now are. They are a most valuable food crop. Hoe frequently when the plants are dry, never when wet.

**Medium White**—Hand picked. Peck 75¢; bu. (60 lbs.) \$2.50.

**White Navy**—Hand picked. Peck 75¢; bu. \$2.50.

## FIELD PEAS.

Field peas are sold for marketing dry, for split peas or fodder for stock. Sow one and one-half to two bushels to the acre.

**White Canada Field**—Peck 65¢; bu. (60 lbs.) \$2.00.

## COW OR SOUTHERN PEAS.

Sow from one and one-half to two bushels to the acre.

**Black Eye**—Round, oblong; creamy white, with a large black eye. Peck 65¢; bu. \$2.00.

**Clay Colored**—Large seed of a blue clay color. Peck 65¢; bu. \$2.00.

**Whip-Poor-Will**—Seeds are large, speckled brown in color. Peck 65¢; bu. \$2.00.

## FLAX SEED.

This crop has become very popular in Southwestern Missouri and Kansas. It is a quick crop, being sown in April and harvested in July, is always of ready sale at fair prices. Peck 50¢; bu. (56 lbs.) \$1.50.

## HEMP.

If raised for manufacturing, must be sowed broadcast, at the rate of one-half bushel to the acre; if for seed, it should be planted in hills four feet apart, and the plants thinned out to three or four most vigorous stems in each hill. Peck 75¢; bu. (44 lbs.) \$2 50.



Kaffir Corn.

**KAFFIR CORN.**

One of the most valuable forage plants. On very thin and worn lands it yields paying crops of grain and forage, even in dry seasons, in which corn has utterly failed on the same lands. The whole stalk as well as the blades, cure into excellent fodder, and in all stages of its growth is available for green fodder.

**White Kaffir Corn**—Per peck 25¢, bu. 75¢.

**Red Kaffir Corn**—Per peck 25¢, bu. 75¢.

**SORGHUM.**

Sorghum or Cane is now also largely grown for stock feeding. It yields heavy and is sown extensively in dry sections where tame grasses do not grow readily. It is relished by cattle, horses and sheep. For fodder sow one bushel per acre.

**Cane Seed**—For sowing. Per bu. 75¢.

**Early Amber**—Popular and well known. It is the earliest variety, rich in saccharine matters; makes nice amber syrup and good sugar. Per bu. \$1.00.

**Early Orange**—Ten to fifteen days later than the *Early Amber*, a strong grower, and produces more syrup; an excellent sugar plant. Per bu. \$1.00.

**SEED OATS.**

Change your Seed Oats every few years and the investment will pay you well.

**Red Rust Proof**—Heavy grain, very prolific and entirely rust proof. Pk. 20¢, bu. 50¢.

**White Russian**—Very prolific, and with ordinary cultivation will yield one hundred bushels per acre. Is extremely hardy. Northern grown, per bu. 50¢; home grown, per bu. 40¢.

**Common White**—Home grown, per bu. 40¢.

**Common Black**—Home grown, per bu. 40¢.

**RYE.**

We will sell this grain, to a large extent, early in the fall for pasture. Write us for prices as soon as crop is harvested. Per bu. 65¢.

**PEANUTS.**

The peanut thrives and produces best on a light, sandy, tolerably fertile soil. They may be planted in the pod, or shelled, two in a hill; it is best to drop about four in a hill on the level ground, the rows being laid off three and one-fourth feet wide, and the hills two feet asunder; cover them two or three inches. The white variety is generally preferred.

Per lb. 15c.

**SUNFLOWER.**

The Sunflower is rapidly acquiring a reputation as a valuable farm crop. Its seeds are superior food for poultry (said to improve the meat), and it has yielded forty bushels to the acre. The plant affords sufficient protection from malaria, and should be liberally planted in hedges about the house, and in all districts where that insidious disease prevails.

**Mammoth Russian**—The best in all respects for a farm crop. Lb. 10¢, bu. (24 lbs.) \$1.75.

# Tree, Fruit and Hedge Seed

*If by mail, 8 cents per pound must be added for postage.*



**Apple**—Apple seed does not reproduce the same varieties, but an inferior, though hardy stock, and upon these seedlings are grafted the finer varieties. The seed may be planted in the fall in rows two feet apart, or they may be planted in early spring, but in that case the seed must first be mixed with damp sand and frozen, after which care must be taken that they do not become dry before planting. Pkt. 5¢, lb. 50¢, bu. \$10.00.

**Peach**—Plant three inches deep in the fall, in rows three feet apart, or if planted in spring, crack the pits and plant the kernels only. Peck 75¢, bu. \$2.00.

**Catalpa, Hardy**—Of all trees that have been suggested as adapted to the formation of timber plantations, the *Catalpa Speciosa* stands pre-eminent. Its exceedingly rapid growth; its adaptation to almost all soils and situations; its extraordinary success on the western and northwestern prairies; the ease and certainty with which it is transplanted; the almost imperishable nature of the wood, to say nothing of the handsome appearance of the tree and the unrivaled beauty of its flowers, all point to the *Catalpa* as the tree to plant. Oz. 10¢, lb. 75¢.

**Walnut, Black**—One of our most valuable varieties for timber planting; a very large tree of rapid growth. It delights in a rich soil and luxuriates in our prairie loams or timber land clay. Hulled, per bu. 75¢, unhusked, per bu. 50¢.

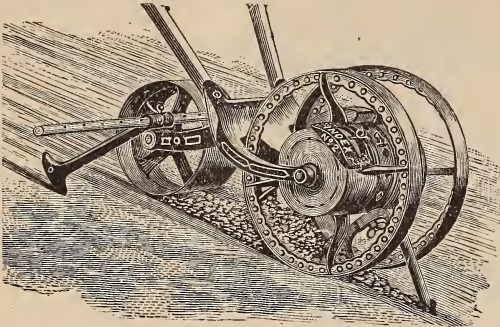
**Locust, Yellow or Black**—This variety is noted for its rapid growth of hard and durable timber. It is hardy and succeeds well in many parts of the country. It is worthy of a trial in any locality where it has not been tested. Oz. 5¢, lb. 30¢.

**Locust, Honey**—A large and handsome tree; the trunk and branches are generally beset with long and formidable spines, on which account it has been employed as a hedge plant. The wood is heavy and affords excellent fuel, but is not considered durable as timber. Has done well in our State wherever planted. Seeds ought to be scalded before planting. Oz. 5¢, lb. 30¢.

**Osage Orange**—A native of Texas, but has been generally introduced over the country from its extensive employment as a hedge plant. Proper time to sow is in April or May. Oz. 5¢, lb. 30¢.

# SEED DRILLS, CULTIVATORS, ETC.

**PACE** will not permit illustrating and describing all the "Planet Jr." Tools, but we will gladly send a fully illustrated Catalogue to any who desire it; and we can supply promptly anything ordered. "Planet Jr." goods are standard machines and the best on the market. In sending your orders to us you can rely on getting bottom prices.



## The "PLANET JR." No. 2 Seed Drill.

This tool is known the world over. It holds two and one-half quarts.

The drill sows in an even, regular stream, whether there is much or little in the hopper. The opening plow, being directly between the wheels, follows all irregularities of the ground, is adjustable, and once set, opens the furrow at a uniform depth, and the seeds are deposited in a very narrow line. The machine is extremely simple. no agitators, belts or gearing.

Price, \$7.75.

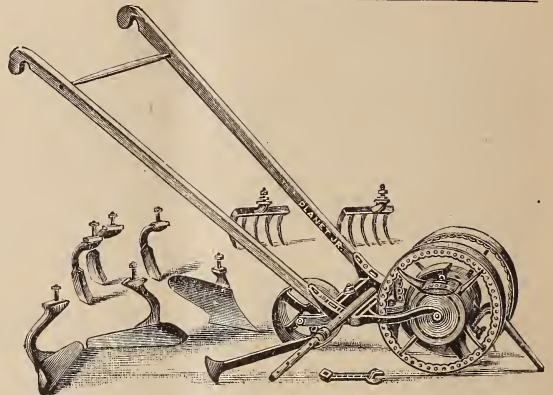
## The "PLANET JR." No. 1

### Combination Drill and Wheel Hoe Cultivator, Rake and Plow.

This has long been the most popular combined tool made. As a seed sower it is identical with the No. 2 "Planet Jr." Drill, except in size, and has all its merits, its strength, durability, ease of operation and perfection of work.

It has a complete set of cultivating tools, and all its work is rapid, easy, perfect and delightful. When used as a drill the seed is sown with great regularity and at uniform depth, regulated at pleasure. The hopper holds one quart. From a drill it is changed to its other uses by unscrewing but two bolts, when any of the attachments shown in the cut can be quickly made ready for use.

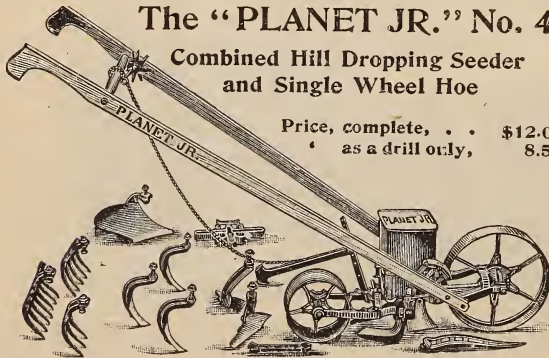
Price \$10.50.



## The "PLANET JR." No. 4

### Combined Hill Dropping Seeder and Single Wheel Hoe

Price, complete, . . . \$12.00  
 as a drill only, . . . 8.50



This is exactly the same style of seeder as the No. 5 "Planet Jr." Hill Dropper. It is smaller in capacity, though still of good size, holding two quarts. It drops in hills at 4, 6, 8, 12 and 24 inches apart and in drills any thickness, handling the smallest paper of seed perfectly, and is simple, durable and very light running. Throws out of gear instantly by simply raising the handles. The index is accurate, plain and easily set. The drill is detached and the tool frame substituted by moving but one bolt. It then becomes one of the most admirable Single Wheel Hoes of the "Planet Jr." family. It has a fine garden plow, two new-style hoes, perfect shape, three delightful cultivating rakes, new form, and made especially to fit 6, 9, 12, 14 and 16 inch rows, three cultivator teeth and a practical leaf guard.

This perfected Wheel Hoe is invaluable for use in all small crops. Its variety of work is almost incredible. Changes and adjustments of the tools are made with the greatest quickness. It has 11-inch wheels, which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustment, and can be set at three different heights. The handles are adjustable at any height, and, being attached to the arch, are undisturbed in making changes of adjustment in frame, wheels or tools. The arch is of stiff steel, unusually high; the quick-change frame permits the tools to be changed without removing the nuts. All the blades are of tempered and polished steel.

## "PLANET JR. No. 13

The same frame as above with one pair of hoes only.

Price \$4.75

## "PLANET JR." No. 12

### Double Wheel Hoe, Cultivator and Plow.

Price, \$ 7.25.



The latest and best Single Wheel Hoe, has an 11-inch wheel, with broad face, and a conveniently arranged and a very full set of tools, such as have been found to perform Wheel Hoe work in the very best manner. It is very light and strong and easy running. It is a most perfect Wheel Hoe for market gardeners or for private places.

The frame changes in height, and the wheel to the other side of the frame, when both sides of the row can be hoed at one passage.

**No. 16**—The same implement as described, with the following tools: 2 hoes, 3 cultivator teeth, 2 rakes, 1 plow .....**Price \$6.00**

**No. 18**—The same implement with one pair hoes only. ....**Price 3.50**



**“DIAMOND”  
Double Wheel  
Cultivator.**

Price, complete,  
**\$6.00.**



The “Diamond” Double Wheel Garden Cultivators have the advantage over Single Wheel Cultivators of being able to work both sides of the row at once. The opening and closing device permits the operator to set his machine in an instant to any desired width. The controlling lever is placed between the handles near the top, and by simply moving to the right or left the tool is at once set just where wanted. It is made with six reversible points, hoeing attachments or weed cutters, right and left hand plows and leaf guards or vine lifters. In working both sides of the row these guards are on the inside of the wheels, but can be changed to the outside when working between rows. The handles can be easily adjusted.

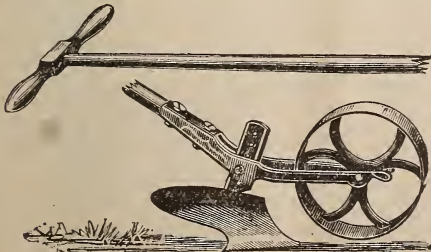
**“DIAMOND” Single Wheel Cultivator. Complete, \$5.00.**

The “Diamond” Single Wheel Garden Cultivator has a frame which is neat, strong and compact. This Cultivator is furnished with five reversible points, with hoeing attachments or weed cutters, and right and left hand plows. The hoeing attachments or weed cutters can be arranged to hoe to or from the plants, and can be set at any angle the operator may desire. The wheel adjustment can be set to run deep or shallow, and the handles are also adjustable.

**QUEEN OF THE GARDEN CULTIVATOR.**

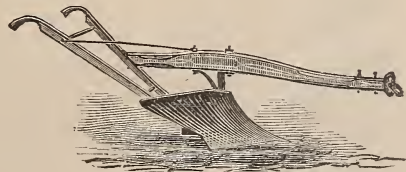
With one hoe.....**\$3.25** | With weeder and mouldboard...**\$4.00**

**NEW UNIVERSAL HAND WHEEL PLOW.**



This labor saving implement is one that commends itself to all gardeners. It can be used to prepare the ground, to furrow out, to cover, and to cultivate. The mouldboard is of steel, polished and tempered.  
**Price, \$2.00.**

**GARDEN PLOWS.**



Eight-inch plow, steel beam .....**\$ 6 00**  
Ten-inch plow, steel beam.....**8 00**  
Twelve-inch plow, steel beam.....**10 00**



## Improved Western Five-Tooth Cultivator

One of the best made and most satisfactory Cultivators on the market. Frame expands to thirty-two inches; contracts to eight.

Without wheel, wheel lever and horse hoe attachments, \$4.50

**COMPLETE**

**\$6.50**

## BROADCAST HAND SEEDERS.

**HAND SEEDERS** for Sowing all Kinds of **CLOVER** and **GRASS SEEDS**, **WHEAT**, **OATS**, **RYE**, **HEMP**, Etc.

### GRANGER HAND SEEDER.

Sows on an average six acres per hour at common walking gait. A person entirely unused to sowing by hand can use this machine with perfect success, and do much better work than can possibly be done by hand, and as the seed is distributed so much more evenly there is a great saving in seed over hand sowing. Price, \$2.50

### THE IMPROVED SWITZERLAND SEED SOWER.

All farmers well know the difficulty of evenly casting small seed directly from the hand, yet thousands of them do not feel justified in putting a considerable amount of money in the expensive devices which are for sale; their needs being a light, simple, durable, efficient and reasonable priced apparatus that is always ready. The SWITZERLAND supplies this want. Price, \$1.00

### THE LITTLE GIANT HAND BROADCAST SEED SOWER.



No. 1. Each, \$1.25

The Little Giant will save one-half the labor and one-third the seed over hand sowing, besides greatly increasing the crop by more equal distribution of the seeds. Man or boy can sow on hilly, stumpy, stony and rough, as well as on clean and old land, perfectly even any quantity (1 quart to three bushels) per acre, of Clover, Timothy, Millet, Hungarian, Flax, Wheat, Rye, Barley, Oats, Corn, Peas, Orchard Grass, Blue Grass, Red Top or other seed, fertilizer and ashes, with ease to the operator. Will sow at a round thirty to fifty feet. A man walking at a rate of three miles an hour will sow ninety acres of wheat or sixty-five acres of clover seed in a day of ten hours.



No. 3. Each, \$1.75  
Cheapest Crank Seeder on the market.

**SPADES.**



Socket Cast Steel, polished.....Each, \$1.00  
 Diamond—Solid Cast Steel..... " .60

**HOES.**



Sunflower socket Hoe.....Each, 30¢  
 Riveted Socket Hoe..... " 25¢

**HAND WEEDERS.**

**Excelsior**—A very useful little tool for weeding seed beds, flower beds, stirring the ground, etc.....Each, 15¢  
**Lang's Hand Weeder**—This weeder allows use of hand while working. A very handy tool.....Each, 20¢

**SPADING FORKS.**

Four tine, D handle, strapped ferrule.....Each, 65¢

**HAND CORN PLANTERS.**

**Empire Rotary**—One of the best and most durable planters made. Extra dirk with each planter.....Each, \$1.00

**HAND CORN SHELLERS.**

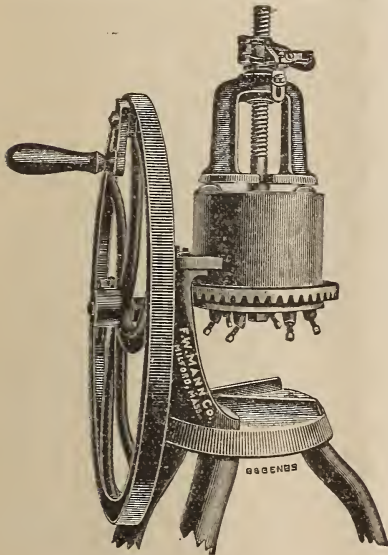
These shellers are strong, simple and durable. Will shell easily and rapidly. They will also separate cob from the shelled corn. Every sheller guaranteed to give entire satisfaction. Each, \$2 25

**CORN KNIVES.**

Each..... 25¢

**RAKES.**

Solid Steel, twelve-tooth.....Each, 40¢  
 Malleable, " " " "..... 25¢



No. 4 B. M.

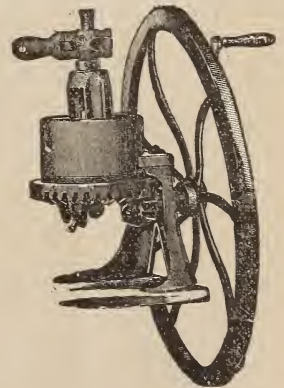
**Mann's Popular Bone Cutter.**

*With only a dozen Hens it will pay you to buy a Mann's Bone Cutter.*

**GREEN CUT BONE**

*When Fed to Your Poultry*

- Will Double the Number of Eggs.
- Will stop Egg eating.
- Will stop Feather picking.
- Will prevent Roup.
- Will make the eggs more fertile.
- Will make Eggs hatch vigorous chicks.
- Will invigorate the whole flock.
- Will make little chicks grow larger.
- Will make little chicks grow faster.
- Will mature broilers earlier.
- Will reduce the grain bill one-half.
- It is better than medicine, cheaper than grain.



No. 1 B.

**PRICE LIST.**

	Weight.	Price.
No. 1 C.— (With Crank Handle).....	30	\$ 6.25
No. 1 B.— (With Balance Wheel).....	55	8.75
No. 1 B. M.—(With Balance Wheel, mounted on Iron Stand).....	80	12.50
No. 4 B.— (With Balance Wheel).....	75	15.00
No. 4 B. M.—(With Balance Wheel, mounted on Iron Stand).....	110	18.75
No: 2— (Standard Bone Cutter).....	140	23.00

**SWINGING FEED TRAY FOR POULTRY.**

**SAVES ALL WASTE OF FOOD.**

Hens cannot scratch the food out or the dirt in. Weight of hen tips the tray and throws her off. Upper rod tips up also if hen tries to roost over pan. Legs fasten anywhere.

Price.....Each, \$1.25

**PATENT STONWARE DRINKING FOUNTAIN FOR POULTRY.**

They keep the water clean and cool, and poultry from getting wet, are easily filled and never tip over or get out of order. The best and cheapest fountain on the market.

Price, one-half gallon size.....Each, 25¢  
 One gallon size..... " 40

# Spraying Pumps.

CATALOGUE GIVING FULL DESCRIPTION AND DIRECTIONS FOR SPRAYING MAILED ON APPLICATION.

## Deming Barrel Spray Pump.

The outfit shown in the accompanying cut makes a first-class orchard sprayer at a low cost. It has an adjustable attachment or base to fit the top or side of any barrel. We do not furnish the barrel with the outfit, as this would simply add to the freight charges. We furnish a wooden base upon which the pump rests, so that all that is necessary to fit up the outfit is to cut a 10x10 inch opening in the top of an oil or whiskey barrel, place in the pump, and the sprayer is ready for use.



No. 550.

### PRICE LIST.

No. 550—Pump only. ....	Price, \$ 5.50
<b>Outfit A</b> —Pump as above, with 12½ feet of ¼-inch hose, Bordeaux nozzle and pole connection.....	Price, 7.50
<b>Outfit B</b> —Pump as above, with two 12½-foot sections of ¼-inch hose, Bordeaux nozzles and pole connection.....	Price, 10.00

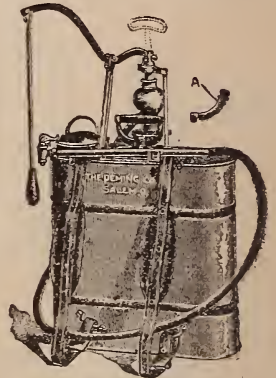
## Success Knapsack Sprayer.

The new improvements recently made to the Success Knapsack Sprayer, entirely obviate all objections to the knapsack pattern. As now made, this sprayer can be used either as a knapsack or bucket sprayer, the illustration as here given showing its use as a knapsack. To be used as a bucket sprayer the handle and lever are removed, and the extra handle with which the outfit is provided is placed in position as shown by the dotted lines.



No. 675—Price ..... \$9.50

Seven foot section of hose, and couplings with pole connection for spraying tall trees.  
Price.....Each, \$1.25



No. 675.

## SUCCESS LAWN SPRINKLER



Neat and durable. It throws an umbrella shaped spray from 15 to 30 feet in diameter, according to pressure. It will work on any pressure.

Price.....Each, 75c

## Bucket Spray Pump

The "W. & B." Spray Pump is made of brass, and is therefore impervious to the action of acids and liquids, and will not rust nor corrode. Pump is placed directly in water or other liquid, insuring a perfect suction. The pump can be used for washing windows, buggies, etc., and for general spraying purposes.

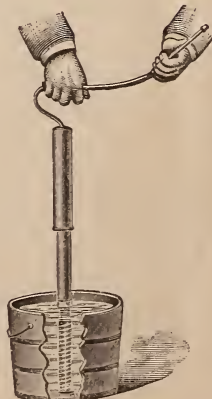
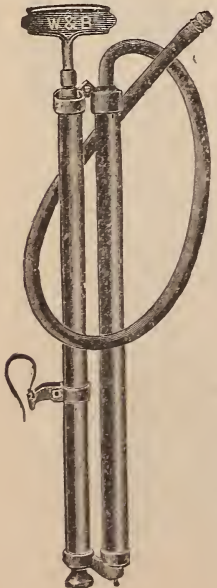
Price ..... \$3.00

### CRESCENT

Automatic Spray Pump.

This is a bucket pump, with galvanized amber brass cylinder, metal valves, brass spiral springs, and saucer shaped anti-clogging foot.

Price, without pail..\$1.50



## SCOLLAY'S Rubber Sprinkler.

For floral work, window, gardening, and sprinkling clothes.

Price, large size ..... 85c  
Small size ..... 50c



# POULTRY SUPPLIES, STOCK FOOD, Etc.

## POULTRY SUPPLIES.



### COLUMBIA EGG FOOD.

This food will greatly increase egg production, and keep poultry in a healthy condition. For young fowls it supplies all necessary material for forming bone, muscle and feather.

Price, 1 lb. package 25¢, 2½ lb. package, 60¢

### GROUND BONE.

Selected Course Ground Bone, per lb 3¢, per 100 lbs. \$2.50  
Good Course Ground Bone, per lb. 2½¢, per 100 lbs. \$2.00

### CRUSHED OYSTER SHELLS.

Advantages gained by the use of it:

It acts as a grit and prevents "cholera."

It keeps the poultry healthy.

It makes hens lay more.

It prevents soft shells.

It makes the shell strong enough to carry without breaking.

It contains many essential compounds of the egg.

It makes eggs larger and heavier.

Price, per lb. 2¢, per 100 lbs. \$1.25.

### MICA-CRYSTAL GRIT.

Poultry raisers have long desired to secure a sharp, clean grit of regular size and superior quality as a digester for their poultry. Mica-Crystal Grit is prepared with great care, and guaranteed to be of uniformly even size and quality.

Price, per lb. 2¢, per bag (100 lbs.) \$1.25.

### ALCORN'S CHICKEN CHOLERA POWDER.

Cures cholera, indigestion, diarrhoea, and roup, and will increase the quantity of eggs.

½ lb. package 50¢, by mail 60¢.

### POULTRY INSECT DESTROYERS.

#### Challise's Lice Killer.

4 lb. package 50¢, 1 lb. 40¢, 3 lb. \$1.00.

If by mail add 1¢ for every ounce.

#### Challise's Lice Killer Soap.

Each 10¢, by mail 15¢

#### Challise's Liquid Lice Killer.

Put up in pint bottles, and by mixing with water will make one gallon of the best Lice Killer. Not available.

Each 25¢.

## STOCK FOOD.



### LINSEED OIL MEAL.

Experience has proven that of all feeding substances Oil-Cake Meal stands without a equal. To farmers it is especially valuable. It is the protein, shell, forage, and milk and butter producer in pigs, and on fat cows will prove to be the most economical cattle food a farmer can use.

Price, per 100 lbs. \$1.50; per ton \$17.50.

## LUMP ROCK SALT.

In lumps from 25 to 200 pounds, lasted four times as long as fine salt. Nature's own way of salting stock. The healthiest and most convenient way of salting. Dairy cattle should have access to salt every day. Try it in place of common fine salt and note the result.

Price, per 100 lbs. 60¢; per ton \$10.00.

## INSECTICIDES.



TRADE MARK.



TRADE MARK.

### HAMMOND'S SLUG SHOT.

Slug Shot is an impalpable powder, a combination of insecticides, poisonous to insects preying upon vegetation, affecting all classes of insect life, so that they either die or leave for parts unknown.

It kills the black flies on cabbage, turnips, beets, radishes and egg plants. Apply by dusting over the plants.

It keeps the striped bugs from all vine crops, cucumbers, melon, and squash.

It is especially destructive to cabbage worms. Slug Shot not only acts as an insect destroyer, but it will be found to be an excellent fertilizer. It contains manure injurious to domestic animals, and is it hurtful to the person applying it.

Price, per lb. 10¢; 5 lbs. 35¢; 10 lbs. 60¢.

Prices for larger quantities furnished. Add 10¢ per lb. for postage if wanted by mail.

## FERTILIZERS.

### FOR THE GARDEN, FARM AND LAWN.

Commercial Fertilizers are sure to come into more general use in the West, as fast as they are tried. Their quick and direct action command them to the gardener and farmer. The enormous quantities sold in the West give the best evidence of its utility and value. The quantity to use per acre depends on the crop to be cultivated and cultivation of soil.

### FINE RAW BONE MEAL.

A first class article and excellent for lawns, green lands, and wheat.

Price, per 100 lbs. \$1.50; per bag (50 lbs.) \$0.75.

### BLOOD AND BONE.

One of the most complete fertilizers for all purposes and especially valuable for all kinds of garden truck, wheat, corn, and potatoes.

Price, per 100 lbs. \$1.50; per bag (50 lbs.) \$0.75.

### LAND PLASTER OR GYPSUM.

This may be regarded as a fertilizer, though acting indirectly, and has a well known value, especially as a dressing from the soil. It seems to have a beneficial effect upon clover, and is useful upon potatoes, corn, and grain.

Price, per pbl. (about 275 lbs.) \$0.75.

*Special Prices on Fertilizers  
in Ton Lots.*

# MANGELSDORF & BROS. COMPANY

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**Seedsmen and Florists**  
.....ATCHISON, KANSAS.....