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M. 79  
M. 78

# MANGELSDORF BROS. CO.



ATCHISON, KAN.

26th  
YEAR.

Mangelsdorf Bros. Co.

1875.



1901.



WE take this occasion to thank our customers and friends for the liberal patronage given us during the year just past, which has enabled us to close a very satisfactory season. We hope during the coming year to be again favored with your orders, which at all times will receive our best attention, no matter how small or how large the order.

Our seeds are all grown by the most careful and reliable growers, are carefully tested and can be relied upon to produce satisfactory results. While it is not our ambition to sell seed the cheapest, it is our aim to supply the highest grade of seed at a fair price, but never to reduce prices at the expense of quality. Cheap seeds are always costly.

Our long experience with gardeners and farmers during the quarter century we have been in the seed business enables us to judge intelligently just what sorts are best suited to this section, and in our Catalogue we have listed such sorts only as we know will succeed in the West.

The average Western farmer's garden is sadly deficient both in variety and quality of the products. This should not be so. With a little intelligent management a variety of delicious vegetables can be had from a small plot to supply the family table throughout the entire year. The garden should receive more attention. The new century is a good time to begin, and we hope to see an improvement in this direction until the Western gardens rival in productiveness and variety the famous gardens of the older States.

To have a good garden, the first consideration is good seed; seeds that not only grow well, but seeds that will produce crops of the sort and quality desired. Such we use our best efforts to supply, and our ever increasing trade is the best evidence that our efforts to supply "the best seeds at fair prices" are appreciated.

#### INSTRUCTIONS. (READ CAREFULLY.)

**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 where 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 15¢ 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, where expressage would be too high. Will send plants by mail, carefully packed, but only when the plants desired amount to \$1.00 or more. The plants will have to be smaller than those we would send by express, and we cannot put in any extras. Orders for plants for less than \$1.00, to be sent by mail, will not be accepted 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 8¢ 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, Shrubbery, Implements, and other bulky or heavy articles can be sent only by express or freight at the purchaser's expense, except when noted.

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

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

**C. O. D.**—We decline to send goods Collect on Delivery, unless a remittance is made on account to guarantee the acceptance.

**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 their order, and any other information 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 no warranty, expressed or implied, nor will we be responsible for the crop.

We shall be very thankful for sending us the names of such of your friends and neighbors who cultivate flowers, so we may send them Catalogues, and we will cheerfully add some extra plants to your next order for your trouble and kindness.

ADDRESS ALL LETTERS AND DISPATCHES TO

MANGELSDORF BROS. CO.,

Office Telephone No. 445.

Greenhouse Telephone No. 119.

424 Commercial Street, ATCHISON, KANSAS.

The Home Printing Co., Atchison, Kansas.

# Novelties in Vegetables

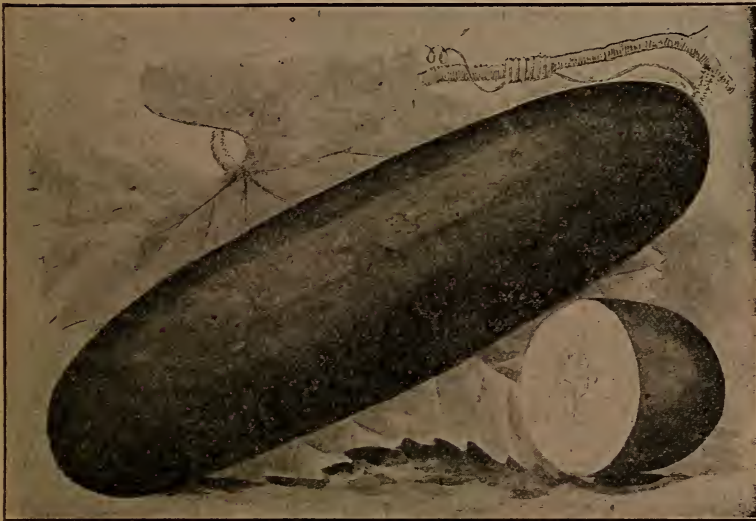
FOR 1901.

## EARLIEST SWEET CORN, SHEFFIELD.

This new extra early Sweet Corn is the result of a successful cross between the Extra Early Adams and Early Cory. It retains the hardy nature of the Adams, and in quality and attractive appearance is fully equal to the Cory. The Adams has long been the variety used by market gardeners for the first "roasting ears." While not a sweet corn, it was very hardy, and could be planted long before it was safe to plant any variety of true sweet corn; aside from its earliness, however, it had nothing to recommend it, as the quality was very inferior. The "Sheffield" is fully as early as the Adams, can be planted as early, and will in time take the place of this variety in all markets. Another feature is its entire freedom from smut, with which early corn is usually affected. The stalks grow about five feet high, and produce one or two good ears each. The ears are about eight inches in length, and of handsome shape, and will sell readily. Gardeners will make no mistake in planting largely of this sort for early market. The first sweet corn of the season always brings a good price.

Pkt. 10¢, pt. 20¢, qt. 30¢, gal. \$1.00, bu. \$4.50. If wanted by mail, add 10¢ per pint, 15¢ per quart for postage.

## CUCUMBER, EMERALD.



*Cucumber, Emerald.*

This is one of the finest varieties introduced in years. Its handsome shape and beautiful rich dark green color, combined with its great productiveness and superior quality, make it the leading Cucumber for either home or market.

The illustration alongside, made from an actual photograph, shows the perfect shape of the fruit. It sets fruit early, and through the entire Summer the long, straight, perfectly smooth cucumbers are produced in great abundance. It is strictly an evergreen, and holds its dark green color until quite ripe. The flesh is very crisp and tender, and the young fruits being deep green, straight and tender, make it a good pickling sort. Excellent for slicing or pickling, and as a market sort unequalled.

Pkt. 5¢, oz. 15¢, ¼ lb. 25¢, lb. 80¢.

## LETTUCE, WONDERFUL.

This is the largest heading Lettuce we have ever seen. It often reaches a weight of two or three pounds, and under special cultivation heads weighing six pounds have been grown. It would seem that a lettuce of such large size would likely be coarse and of poor quality, but this is not so. It is very crisp and tender, and entirely free from any bitterness. It forms a large, solid head, equal in size to a Summer cabbage, for which it is often mistaken. It stands a long time before running to seed; indeed, the heads are so solid and the leaves so tightly folded that unless the heads are cut open it will often make no seed at all.

The seed should be sown in a good seed bed, and the young plants then set out at a distance of two feet apart, in good rich soil.

Pkt. 10¢, oz. 20¢, ¼ lb. 50¢, lb. \$1.25.



*Lettuce, Wonderful.*

# MUSK MELON.

## ROCKY FORD.



*Rocky Ford.*

It is surprising in how short a time this delicious Melon has sprung into favor. During the melon season it is shipped in train loads from Rocky Ford, Colorado, where they are grown, to the large markets in New York, Boston and Philadelphia. It is another proof that merit will win. A melon must have merit to compete with home-grown melons in a market two thousand miles away. It has been demonstrated that these fine melons can be grown successfully in this section; in fact, the Gems, of which the Rocky Ford is a selection, have been grown here for years, and there is no reason why gardeners should not be able to supply at least their home markets with melons equal to those grown in Colorado.

The melons are of handsome oval shape, as shown in the illustration; they average about five inches in length, of convenient size for packing in boxes or crates. The flesh is thick, of a light green color, and deliciously sweet and fine flavored. It is without a doubt the most popular melon grown. In addition, it is early and very productive.

Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 75¢.

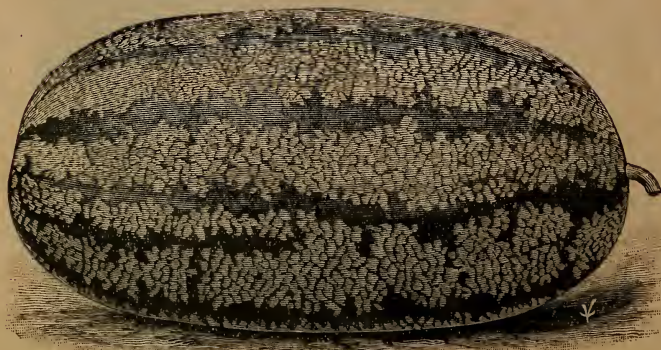
## NEW WATER MELON, TRIUMPH.

An enormous Melon, reaching in good soil, and under good cultivation a weight of one hundred pounds, and over. The average weight is about seventy pounds. It is a first-class shipper. The skin is a rich dark green, and the bright red flesh is surpassed by no other melon in fine sweet flavor. It is a variety that will become very popular with melon-growers as soon as it becomes better known.

Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.



*Triumph.*



*McIver's Wonderful Sugar.*

## WATER MELON.

### McIver's Wonderful Sugar

Everyone who ever grew this Melon is delighted with it. It has proven to be one of the best flavored, sweetest melons ever introduced. The melons are of fine oblong shape, uniformly large, and of handsome appearance. The skin is striped, alternately white and dark green. The flesh is very solid, free from stringiness, and of a light pink color, sweet and juicy.

Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

# TWO NEW ONIONS.

**AUSTRALIAN BROWN.**



This new early Onion was introduced into this country several years ago from Australia, where it has long been the leading variety with the large onion growers of that country. Although it has been known in this country but a short time, its sterling qualities have already made it a favorite everywhere. It is an early sort, ripening earlier than either Danvers or Wethersfield, and in keeping qualities it surpasses all other varieties. It has been kept in perfect condition for a year. The onions are heavy, "hard as a rock," and positively will not sprout during the Winter. This fact makes them of great value to onion set growers. The color is a beautiful brown, quite distinct from any other onion, and the flesh is remarkably fine grained and mild flavored.

Pkt. 5¢, oz. 20¢, ¼ lb. 50¢, lb. \$1.50.

**GLOBE WETHERSFIELD.**



This new Onion originated in Minnesota, where handsome profits have been realized by growing it extensively. This is a cross between the Southport, Red Globe and the Wethersfield. It has the fine Globe shape and dark red color of the former, and the keeping qualities of the Wethersfield. It is a good cropper, and its handsome shape and color insure a ready sale at good prices.

Pkt. 5¢, oz. 20¢, ¼ lb. 50¢, lb. \$1.75.

# TWO NEW RADISHES.

**TRIUMPH.**

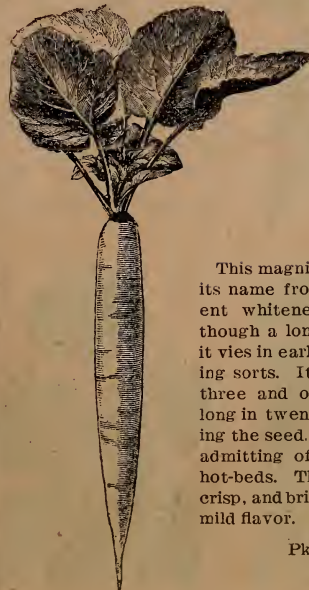


**NEW RADISH—TRIUMPH.**

This unique little Radish, introduced from Holland, is very quick growing, has short tops, and is well adapted to growing in hot-beds, as well as being a good sort for early planting out of doors. The radishes are of fine turnip

shape, white, splashed and striped with bright scarlet, entirely distinct from any other sort. When mixed in a bunch with other scarlet radishes it makes a pleasing contrast. It is of mild and pleasing flavor, and very ornamental for table use.

Pkt. 10¢, oz. 20¢.



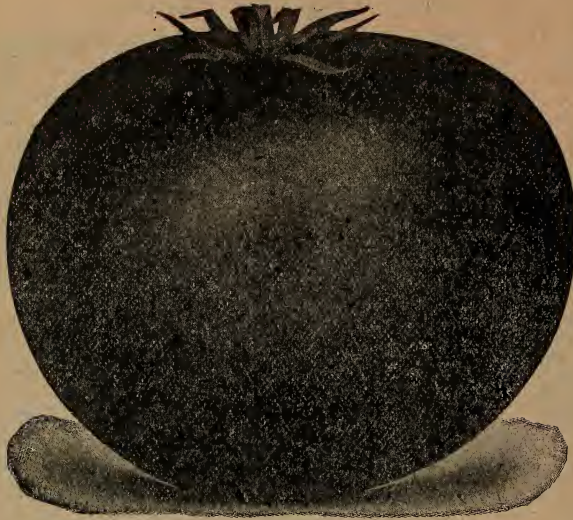
**A New  
Early  
White  
Radish.**

**ICICLE.**

This magnificent novelty received its name from the almost transparent whiteness of the root. Although a long radish of good size, it vies in earliness with the first forcing sorts. It will produce a radish three and one-half to four inches long in twenty-two days from sowing the seed. The leaves are short, admitting of close planting in the hot-beds. The flesh is very white, crisp, and brittle as glass, and of fine mild flavor.

Pkt. 10¢, oz. 20¢.

## TWO GRAND NEW TOMATOES.



*Magnus.*

### MAGNUS.

Livingston, the introducer of this new sort, describes it as follows:

"It is thicker, heavier and more solid than either Acme or Beauty, making it easily the most handsome sort in cultivation. It is unsurpassed in quality, and in the production of fine, large fruits. While perfectly adapted to main crop planting, yet it matures so quickly that it will take first rank for early market. The form is perfect, uniform, large and attractive. Flesh is very firm. It is a robust grower, with short joints, setting its fruit clusters closer together than most varieties, and is therefore a heavy cropper. The fruits are very deep from stem to blossom end, many of them being almost globe-shaped. It ripens evenly, does not crack about the stem, and the flavor is most desirable. **We have tested it for several years for staking up in the open field, as well as for forcing in greenhouses, and we believe it to be entirely unequalled for such purposes.** We offer it in the expectation that it will add to our reputation as introducers of new tomatoes."

Pkt. 10¢, oz. 40¢.

### ENORMOUS.

The largest Tomato to date. Although the descriptions given it would seem to be rather overdrawn, yet it is of such excellent quality, combined with its mammoth size, that it is worthy of a thorough trial by everyone. The meat is very solid, almost free from seed. Thick from stem to blossom end. It ripens evenly and perfectly. It is of a clear deep red color, productive, and because of its large size; fine shape and attractive color, readily saleable.

Pkt. 10¢, oz. 40¢.

## "SURPRISE" MIXTURE OF FLOWER SEED.



This mixture contains some fifty sorts of dwarf free flowering annuals, all of the easiest culture and brightest colors. The mixture may be sown in the open ground, at any time during April or May, and from June until frost it will produce flowers of all colors and forms, single and double, forming a bed of great variety and rare beauty. The mixture also contains some choice ornamental grasses, which add greatly to the attractiveness of the bed, as well as being useful in forming bouquets, which may be gathered from the bed every day during the Summer. Pkt. 5¢, oz. 20¢.



# Novelties in Plants.

## TWO PRIZE WINNING CHRYSANTHEMUMS.

These are undoubtedly the finest and largest Chrysanthemums to date. Exhibited for the first time at the Chrysanthemum shows in November, they created a sensation wherever shown, and are pronounced by experts to be ahead of all others for size of flower, stiff stems and beauty and texture of foliage.

**TIMOTHY EATON**—Beautiful pure white. \$1.00 each.

**COL. APPLETON**—Clear, golden yellow. 75¢ each.



## EIGHT GRAND NEW CARNATIONS.

No other flower stands higher in public favor, or has been more improved upon in recent years than the Carnation. The novelties offered below are the latest and best varieties, and have all been awarded a certificate of merit from the Carnation Society.

**TRIUMPH**—Large and good in every way. Color pure pink.

**G. H. CRANE**—The coming scarlet Carnation. Wonderfully prolific. Blooms early and continuously through the season.

**HOOSIER MAID**—The latest introduction. The pure white flowers are very large and borne on long, stiff stems.

**GOLD NUGGET**—Rich golden yellow, with a few streaks of clear carmine. Of vigorous habit, and very floriferous; the florets are full and very double.

**FLORA HILL**—The grandest white variety to date. Very popular because of its easy culture. The flowers are of enormous size, and are produced in great numbers.

**AMERICA**—A very fine brilliant red sort, of largest size. Strong, stiff stems. A free grower and bloomer.

**WHITE CLOUD**—The most perfectly formed Carnation. Pure white, and a very free bloomer.

**GENEIVE LORD**—A beautiful light shade of pink. The flowers are of large size, averaging three inches in diameter. A sturdy, vigorous grower.

Price 25¢ each.

## ACALYPHA SANDERI, OR COMET PLANT.

The most striking novelty introduced for many years, and one of the most ornamental flowering plants we have ever seen. It is of strong, free growth, with dark green leaves, from each axil of which are suspended the long rope-like, velvety, crimson flowers. The flowers are sometimes one to two feet long and reach from the plant to the ground. The plant is in flower the year around, and is as easily grown as a Coleus, requiring only a warm situation to develop its full beauty.

50¢ each.

## GRAND NEW ROSE, LIBERTY.

Most nearly approached by Meteor in color, but far surpassing that standard variety in brilliancy and purity of color, as well as in size, never showing any deformed, black or bull heads, either in Winter or Summer, and far surpassing Meteor in freedom of bloom. A remarkable keeper when cut, keeping its brilliancy of color without turning blue or dropping its petals, as is the case with Gen. Jacqueminot, which it somewhat resembles in size and fragrance.

50¢ each.

**AGERATUM, STELLA GURNEY.**

This superb new variety originated in the famous Tower Grove Park, St. Louis. It is without doubt the finest dwarf Ageratum ever introduced. The plant is constantly covered with the dark blue flowers, making it an extra fine sort for bedding.

25¢ each.

**NEW ABUTILON, SAVITZII.**

Large, deeply cut leaves, variegated white and green; of dwarf growth. The most effective and decorative variegated sort.

25¢ each.

**NEW CLIMBING  
ROSE.****EMPRESS  
OF  
CHINA.**

This is a new climbing rose of the greatest excellence. It was brought to this country by a gentleman from China, who says of it that it commences to bloom in May, and is loaded with its elegant blooms until December. This has been the great objection to climbing roses, that they bloom once and then are done. But here we have a rose that blooms continuously for over seven months of the year. Color shell pink. It is perfectly hardy, and is a continuous grower.

10¢ each; larger plants 15¢ and 35¢ each.

**New Geraniums.****JEAN VIAUD.**

Soft, pure pink, semi-double, with two white blotches. Of dwarf, stocky growth. The large trusses of perfect flowers are borne on strong, rigid stems. It is a continuous bloomer, the plant being covered with flowers throughout the season. The finest double pink bedding variety we have ever seen.

75¢ each.

**ALPHONSE RICCARD.**

A dwarf variety of strong and branching growth, producing flowers in great masses. Flowers of enormous size, slightly double. Color brilliant orange-red.

**BLANCHE MOULAS.**

Single. Very bright salmon, edged with white.

**C. DE BLACAS.**

Single. Very strong stems, bearing large flowers. Centre salmon, changing to orange-scarlet. Large white eye. A free bloomer.

**MME. JAULIN.**

Double. Truss of immense size; centre pink, surrounded by border of white. This variety is without an equal for out-door bedding.

**PREST. VICTOR DUBOIS.**

Enormous trusses of extra large double florets. Color a beautiful shade of rosy magenta, a color entirely new in the Bruant type.

**THOS. MEEHAN.**

Immense trusses of perfectly double flowers. Color brilliant rosy pink, the base of the upper petals marked orange.

**MARS.**

Although only recently introduced, it has at once become popular. Grows only about five inches high; is exceedingly floriferous. Color clear, light salmon, darker in centre.

Except where noted, 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 upon having these beautiful flowers at all times during the entire Summer.

Bulbs 5¢ each, 50¢ per doz.



*Gladiolus.*

## 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.

## TUBEROUS BEGONIAS

Although not a novelty, are worthy of special mention in the Catalogue. They are among 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.

## CANNAS.

The most satisfactory Summer bedding plant ever introduced. Blooms continuously throughout the Summer, and thrives amazingly even under adverse conditions. Bulbs 10¢ to 20¢ each.

For description of varieties see page 40.

## DAHLIAS.

See complete assortment of Single and Double sorts offered on page 42.

## 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¢ doz. Pearl 5¢ each, 40¢ per doz.



# 25c. to \$1.00

## Collections of Plants.

During 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, 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.

In most of the collections, as stated, the plants will not be labeled or named.

# VEGETABLE SEEDS

## GENERAL LIST

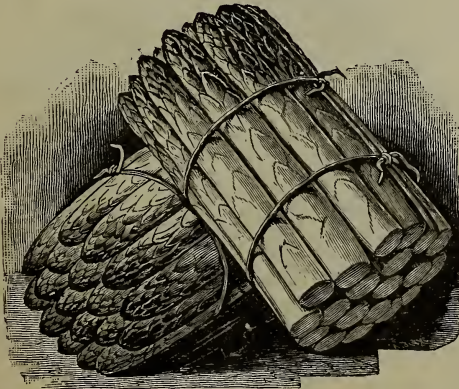
Well Known  
Standard  
Varieties



OUR LIST OF VEGETABLE SEEDS embraces all the well known standard varieties and such of the newer sorts as have proven of value. There are an endless number of new varieties introduced each year, and it is impossible for any one seedsman to give each a place in his catalogue. In the following pages we have

listed only such varieties as are the best types of the class they represent, and have proven satisfactory in our soils and climate. . . . .

## ASPARAGUS.



Conover's Colossal.

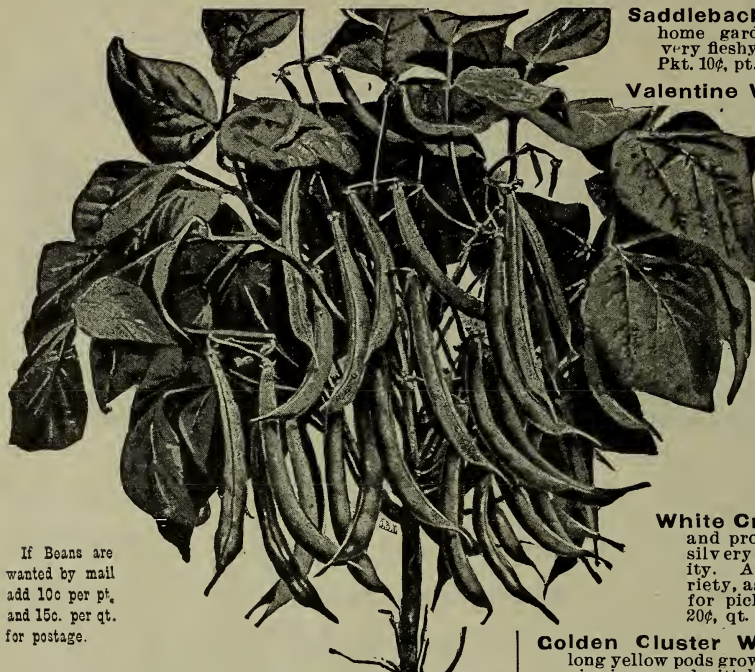
Asparagus is one of the earliest and most profitable of spring vegetables. No family garden should be without its Asparagus bed. A bed of about 100 plants will furnish an abundant supply for an ordinary family.

**Conover's Colossal**—The standard variety. Very productive. Shoots of largest size and excellent quality. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, 1b. 50¢.

### ASPARAGUS ROOTS.

**Asparagus Roots**—Strong two-year-old roots. We recommend planting the roots at two years time is saved by doing so. Roots per 100 \$1.00, by express or freight. ]

## BEANS.—Dwarf or Bush.



If Beans are wanted by mail add 10c per pt. and 15c. per qt. for postage.

*Improved Red Valentine.*

### GREEN PODDED SORTS.

**Improved Red Valentine**—One of the best, and the standard green podded sort. Very productive and one of the earliest Pkt. 5¢, pt. 15¢, qt. 25¢, gal. 90¢, bu. \$6.00.

**Long Yellow Six Weeks**—An old favorite. Early and very productive. Pods long, flat, and of good quality. Pkt. 5¢, pt. 15¢, qt. 25¢, gal. 90¢, bu. \$5.50.

**Early Mohawk**—Very hardy; can be planted very early and will even stand a slight frost without apparent injury. Pkt. 5¢, pt. 15¢, qt. 25¢, gal. 80¢, bu. \$5.50.

**Stringless Green Pod**—Pods straight, thick, and of handsome appearance. As the name implies, perfectly stringless at all stages of growth; very early, immensely productive and of superior quality. An excellent variety for canning. Pkt. 10¢, pt. 20¢, qt. 30¢, gal. \$1.00, bu. \$6.50.

### SHELL OR "NAVY BEANS".

**Prolific Tree**—Enormously productive: will yield fifty bushels of shelled beans per acre. The dry beans have the appearance of the common white "Navy". The plant forms a strong, upright tree, about twenty inches high; bearing the pods well up so that they do not touch the ground. Pkt. 5¢, pt. 10¢, qt. 20¢, gal. 75¢, bu. \$4.50.

### WAX OR YELLOW PODDED BEANS.

**Prolific Black Wax**—An improvement on the old Black Wax. Very early and productive. Pods of a rich, waxy color; tender, and of excellent quality. Pkt. 5¢, pt. 15¢, qt. 25¢, gal. 90¢, bu. \$7.00.

**Improved Rust Proof Golden Wax**—The standard variety for general use. Long straight pods of a clear yellow color. Pkt. 5¢, pt. 15¢, qt. 25¢, gal. 90¢, bu. \$6.50.

**Wardwell's Kidney Wax**—The largest early variety and one of the best. A strong grower; the long, handsome pods are stringless, brittle, and of finest flavor. A heavy cropper, making it a very profitable sort for the market gardener. Pkt. 5¢, pt. 15¢, qt. 25¢, gal. 90¢, bu. \$7.00.

**Saddleback Wax**—A fine variety for the home garden. Pods round, smooth, and very fleshy; tender and entirely stringless. Pkt. 10¢, pt. 20¢, qt. 30¢, gal. \$1.00, bu. \$7.00.

**Valentine Wax**—The earliest of all Wax Beans. Similar in shape and form of growth to the Green Valentine, but the color is a rich waxy yellow. The pods are round, meaty, and almost stringless. A popular sort with market gardeners because of its extreme earliness and great productiveness. Pkt. 5¢, pt. 15¢, qt. 25¢, gal. 90¢, bu. \$6.00.

**Davis' Kidney Wax**—Hardy and productive. Is free from rust. Pods long, flat, straight and handsome. A valuable variety for the market gardener and canner; a good shipper. Pkt. 10¢, pt. 20¢, qt. 30¢, gal. \$1.00, bu. \$7.00.

### BEANS—POLE OR RUNNING.

**White Creaseback**—Extremely early and productive. Pods of a beautiful silvery green; fleshy and of fine quality. An excellent market garden variety, as almost all the pods are ready for picking at one time. Pkt. 10¢, pt. 20¢, qt. 35¢, gal. \$1.25, bu. \$8.00.

**Golden Cluster Wax**—A first class variety. The long yellow pods grow in clusters of four to six. The vine is covered with beans during the entire summer. Of very best quality and endures all kinds of weather. Pkt. 10¢, pt. 20¢, qt. 35¢.

**Kentucky Wonder or Old Homestead**—Early and productive. Pods grow in large clusters and are very rich and tender, almost round, and sometimes nine or ten inches long. Excellent for snap beans. Pkt. 10¢, pt. 25¢, qt. 40¢.

**Horticultural or Speckled Cranberry**—Short, broad, green pods, which become streaked with red when nearly ripe. As a shell bean, either green or dry, it cannot be surpassed in quality. The beans are large and easily shelled. Pkt. 10¢, pt. 20¢, qt. 30¢.

**Lazy Wife's**—This variety has become immensely popular in all sections of the country. It is the best green podded pole bean. Pkt. 10¢, pt. 25¢, qt. 40¢.

**Cut Short or Corn Hill**—An old popular sort for planting among corn. Pkt. 5¢, pt. 15¢, qt. 25¢, gal. 90¢.



*Stringless Green Pod.*

## BEANS.—Pole and Dwarf Limas.



**Henderson's Bush Lima**—Of true bush form. Enormously productive. Beans small but of excellent flavor. Pkt. 10¢, pt. 20¢, qt. 35¢, gal. \$1.20.

**Burpee's Bush Lima**—Grows 18 to 20 inches high, forming a strong, vigorous bush on which the large pods are produced in great numbers. Beans very large, easily shelled and of very finest quality. Pkt. 10¢, pt. 25¢, qt. 40¢, gal. \$1.30.

**King of the Garden Pole Lima**—The best tall growing sort. A vigorous grower. Pods large and well filled with beans of rich flavor. A favorite with gardeners. Pkt. 10¢, pt. 20¢, qt. 35¢, gal. \$1.20.

*If beans are wanted by mail add 10¢ per pint, 15¢ per quart for postage.*

## BEET.

**Crosby's Early**—The earliest of all, An improvement on the old Early Egyptian, being thicker and having a more desirable shape. Deep red color; small tops; flesh crisp and tender. A leading market variety for extra early use. Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 90¢. By mail postpaid.

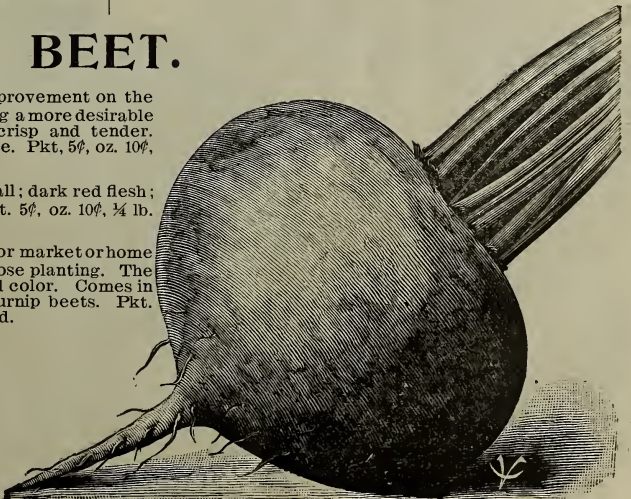
**Eclipse**—Very early; globe shaped; tops small; dark red flesh; When young, crisp, tender and sweet. Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 60¢. By mail postpaid.

**Detroit Dark Red**—A first-class early sort for market or home use. Tops very small and will admit of close planting. The roots are round, smooth and of deepest red color. Comes in extra early and is one of the best of all turnip beets. Pkt. 5¢, oz. 10¢, ¼ lb. 30¢, lb. 90¢. By mail postpaid.

**Edman's Improved Blood Turnip**—A very fine strain of turnip beet, with small tops and dark red roots. It is always sweet and tender and a good keeper. Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 75¢.

**Early Blood Turnip**—The old standard. A good summer and autumn variety. Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 60¢.

**Long Dark Blood Red**—A good variety for keeping overwinter. Flesh dark red, tender and sweet. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.



*Edman's Improved Blood Turnip.*

**BEET.—Continued.**



*Half Long Blood.*

**Half Long Blood.**—An excellent sort for Winter use. Roots not as long as the Long Smooth, but considerably thicker, always smooth and handsome. Flesh sweet, tender, and of a dark red color. An excellent keeper.

Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 70¢.

**SUGAR BEET.**

For Sugar or Stock Feeding.

**VILMORIN'S IMPROVED SUGAR BEET.**

Grows below the surface.

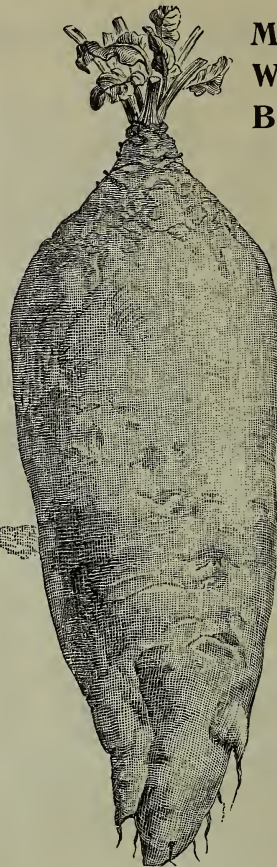
Very rich in sugar.

Will yield from 10 to 16 tons of roots per acre.

Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 40¢.

**Kleine Wansleben**—Larger than the above; exceedingly rich in sugar. Hardy, and a good yielder. Easy to dig.

Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 40¢.



*Mammoth Long Red.*

**MANGEL WURTZEL BEET...**

**FOR STOCK FEEDING.**

**Mammoth Long Red**—

Enormously productive. Yields from fifty to seventy tons to the acre. The roots grow well above ground and are easily dug. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 40¢.

**Golden Tankard**—

The leading yellow-fleshed variety. Sweet, and greedily eaten by all kinds of stock. Hardy and a good cropper. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 40¢.

**CABBAGE.**

As Early as the Earliest.

FINE LARGE FLAT HEADS.

“EARLY SPRING.”

A Money Maker for the Market Gardener.

As early as the Wakefield and much more productive; an extra early flat headed variety of recent introduction. It has a short stem and but few outside leaves, admitting of very close planting. Fine large heads, solid, and of finest quality.

There is always a preference for flat cabbage, and this variety is sure to prove a ready seller. Pkt. 10¢, oz. 40¢, ¼ lb. \$1.25, lb. \$4.00. †



*Early Spring.*

**CABBAGE.—Continued.**

**EARLY POINTED HEADS.**



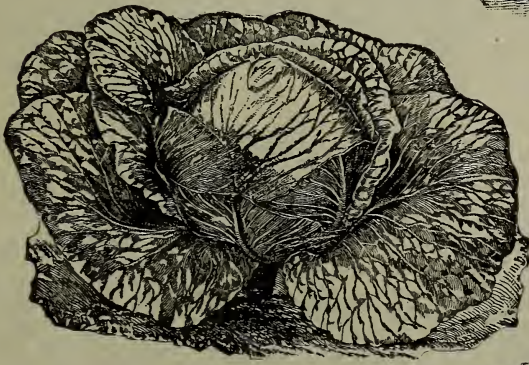
*Extra Early Express.*

firm and tender. Its dwarf habit admits of close planting. Pkt. 5¢, oz. 20¢, ¼ lb. 40¢, lb. \$1.25.

**Early Jersey Wakefield**—The best extra early variety. Heads solid and of excellent quality. The standard early market garden variety. Pkt. 5¢, oz. 30¢, ¼ lb. \$1.00, lb. \$3.50.

**Charleston or Large Wakefield**—Only a few days later than the Jersey Wakefield, much larger and not so pointed. Uniformly large and solid. A great favorite with gardeners because of its large size and fine quality. Pkt. 5¢, oz. 30¢, ¼ lb. \$1.00, lb. \$3.50.

**Early Winningstadt**—An excellent variety for general use. Very hardy and a sure header. The heads are hard, conical in shape, and keep well summer or winter. It will succeed where most varieties would fail. Pkt. 5¢, oz. 20¢, ¼ lb. 40¢, lb. \$1.25.



*Charleston or Large Wakefield.*



*Early Jersey Wakefield.*

**SECOND EARLY OR SUMMER SORTS.**

**Allhead Early**—The finest strain of summer cabbage in cultivation, fully one-third larger than any other early sort. The deep, flat heads are remarkably solid, and uniform in shape, size and color; compact, and of very best quality; a popular and very profitable variety. Our seed is the finest Long Island grown, and cannot be surpassed. Pkt. 5¢, oz. 30¢, ¼ lb. \$1.00, lb. \$3.50.

**Early Flat Dutch**—This well-known and popular variety is considered by many to be the best second early sort; large, flat, solid heads, of excellent quality. Does not burst easily. Pkt. 5¢, oz. 20¢, ¼ lb. 50¢, lb. \$1.50.



*Allhead Early.*

**All Seasons**—An excellent summer cabbage for general cultivation, very popular in the Eastern markets. Stands dry weather and the hot sun to a remarkable extent. Extra large, round, solid heads of first-class quality. A good keeper. Pkt. 5¢, oz. 30¢, ¼ lb. \$1.00, lb. \$3.00.



*All Seasons.*

**CABBAGE.—Continued.***Fottler's Improved Brunswick.*

**Fottler's Improved Brunswick**—A first-class variety very popular with market gardeners. Plants exceedingly short stemmed. The heads are large, decidedly flat, and of excellent quality. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$2.00.

**Henderson's Early Summer**—A favorite variety for family and market. Very early; large flat heads. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$2.00.

**LATE OR WINTER VARIETIES.**

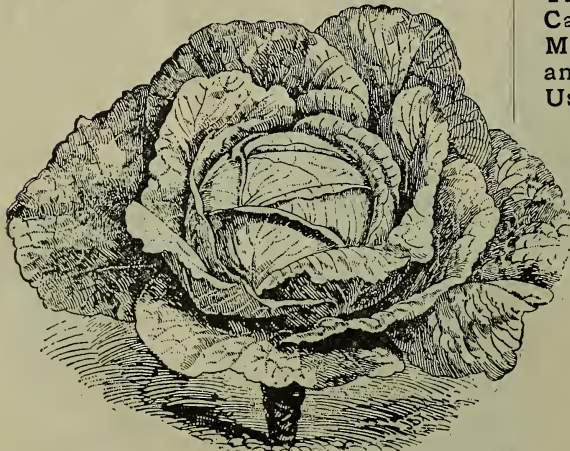
**Premium Flat Dutch**—The standard variety; a sure header and a good keeper. Many gardeners depend entirely on this variety for winter cabbage. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$1.75.

**Surehead**—A popular sort for main crop; never fails to form uniformly large solid heads, which are tender and of fine sweet flavor. An excellent keeper and a good shipper. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$1.75.

**Large Late Drumhead**—Enormous heads, solid and of good quality. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$1.75.

**HOLLANDER OR DUTCH WINTER.**

Hard and Solid as a Rock. Stands Cold and Drouth that would destroy other sorts. The best variety to keep over winter for spring sales.

*Hollander or Dutch Winter.*

Large quantities of this excellent cabbage are sent to the large markets in this country from Holland during the winter and spring months, and always commands the highest price. It has been tested by market gardeners everywhere, and all pronounce it the best keeping and best shipping cabbage they have ever grown. It is very hardy and will stand drouth, heat or excessive moisture better than any other cabbage. The heads are extremely hard and heavy, and of very fine quality. It will keep solid and tender until late in spring. Pkt. 5¢, oz. 25¢, ¼ lb. 75¢, lb. \$2.50.

**Autumn King**—Mammoth heads; the largest of all cabbage; often reaches a weight of 25 lbs. Crisp and white. A good keeper. Pkt. 5¢, oz. 25¢, ¼ lb. 75¢, lb. \$2.50.

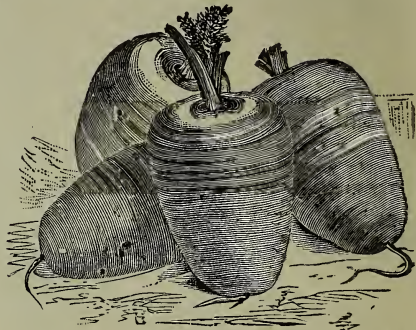
**RED CABBAGE.**

**Early Dutch Dark Red**—Largely used for pickling. Early, hardy and a good keeper. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$1.75.

**Mammoth Rock Red**—The best variety of late red cabbage. It is sure heading, of large size and deep red color. Those who like a red cabbage will be pleased with this one. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$2.

**CARROTS.**

**Early Scarlet Horn**—Very early, neat shape with small tap root. Color orange red. Pkt. 5¢, oz. 10¢, ¼ lb. 30¢, lb. \$1.00.

*Oxheart or Guerande.*

**Oxheart or Guerande**—Roots short but very thick, smooth and handsome; flesh fine grained, tender and sweet. A fine variety for early market. Pkt. 5¢, oz. 10¢, ¼ lb. 30¢, lb. \$1.00.

**Chantenay**—One of the finest of all Carrots for home or market. Color deep orange red; about six inches long; stump rooted, smooth and of excellent quality. Pkt. 5¢, oz. 10¢, ¼ lb. 30¢, lb. \$1.00.

**Scarlet Nantes**—A very handsome variety; roots straight and smooth; flesh red and extremely sweet. A good keeper. Pkt. 5¢, oz. 10¢, ¼ lb. 30¢, lb. \$1.00.

The Best  
Carrot for  
Main Crop  
and General  
Use.....

*Danver's Half Long.*

**Danver's Half Long**—Very productive and will thrive on all classes of soil. Deep orange color, first-class keeper. Best quality. Pkt. 5¢, oz. 10¢, ¼ lb. 30¢, lb. \$1.00.

**CARROTS.****FOR STOCK FEEDING.**

**White Vosges**—Roots short, thick and smooth. Enormously productive. Of great value for feeding; greedily eaten by all kinds of stock. Pkt. 5¢, oz. 16¢, ¼ lb. 20¢, lb. 60¢.

**CARROT.—Con.**

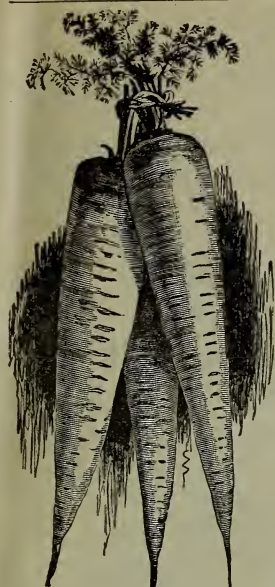
**LONG  
ORANGE**

**An Old Standard  
for General  
Use.**

**A Sure and Heavy  
Cropper.**

Roots long, tapering and  
of a deep orange  
color.

Pkt. 5¢, oz. 10¢, ¼ lb. 25¢,  
lb. 80¢.



*Long Orange.*

**CAULIFLOWER.**

The impression seems to be general that Cauliflower is very difficult to grow. This is a mistake. It is as easily grown as cabbage. But it must be remembered that Cauliflower will not head in hot weather. The point is to set out the plants very early in the Spring, so that the heads will mature before the hot, dry season. It can also be grown successfully in the cool Fall weather. The seed should be sown, very early, in a hot bed and the young plants set out in the open ground as soon as it can be worked.



*Early Snowball.*

**Early Snowball**—The best variety for general use.

Of dwarf habit and produces fine large white heads in a very short time. Always tender and sweet. An excellent sort for either Spring or Fall planting. Our seed is grown in Denmark by a specialist and cannot be surpassed. Pkt. 2¢, oz. \$2.00, ¼ lb. \$7.00.

**Extra Early Paris**—Very early and a reliable header.

Large, white, solid heads, of excellent flavor. A favorite with market gardeners because of its extreme earliness and large size. Pkt. 10¢, oz. \$1.00, ¼ lb. \$2.00.

**CELERY.**

**Golden Self Blanching**—The standard and best early sort. Of dwarf, compact habit, with thick solid stalks, which blanch easily to a clear waxy yellow. Stalks crisp, free from stringiness and of delicious flavor. Our stock of seed is the finest obtainable. Pkt. 5¢, oz. 30¢, ¼ lb. 90¢, lb. \$3.25.

**White Plume**—A well known sort. It is early, handsome and blanches easily. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$2.00.



*Giant Pascal.*

**Giant Pascal**—The very best keeper. When blanched it is of a beautiful yellowish white color. Crisp, solid and of a delicious nutty flavor. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$1.75.

**Celeriac, or Turnip Rooted Celery**—For seasoning and garnishing. Pkt. 5¢, oz. 10¢, ¼ lb. 30¢, lb. \$1.00.



*Celeriac, or Turnip Rooted Celery.*

## Cress, or Pepper Grass.

**Dwarf Fine Curled**—A small pungent salad of easiest culture. Seed should be sown early in rows about fifteen inches apart, and covered lightly; when two or three inches high it is ready for use. It is often mixed with Lettuce and imparts a warm agreeable taste to the salad. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 60¢.

**True Water Cress**—Succeeds only where the roots and stems are submerged in water. A highly prized salad of a pleasant and agreeable flavor. Should be planted wherever a suitable place can be found for it. Pkt. 10¢.

## CORN SALAD.



**Corn Salad**—Also called Feticus or Lambs Lettuce. A small, refreshing salad, used as a substitute for Lettuce during the winter and spring months. It may be sown very early in the spring, when it will be ready for use in five or six weeks. It is usually sown in the fall and protected during the winter with a covering of straw or leaves. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 25¢, lb. 80¢.

## SWEET CORN.

**Sheffield**—The earliest Sweet Corn in cultivation. See Novelties. Pkt. 10¢, pt. 20¢, qt. 30¢, gal. \$1.00, bu. \$4.50.

**Extra Early Adams**—While not properly a Sweet Corn, it is used as such because of its very early and hardy nature. Market gardeners depend on this sort for their first "roasting ear." It can be planted long before it is safe to plant other varieties, and is always the first in the market. Pkt. 5¢, pt. 10¢, qt. 15¢, gal. 40¢, bu. \$2.50.

**Mammoth White Cory**—A new extra early variety and a great improvement on the old Cory. The ears are handsome, even, broad grained and very large for such an early sort. They are borne two and three on a stalk, making it a very productive variety. One of the best extra early for home or market. Pkt. 5¢, pt. 10¢, qt. 15¢, gal. 40¢, bu. \$2.50.

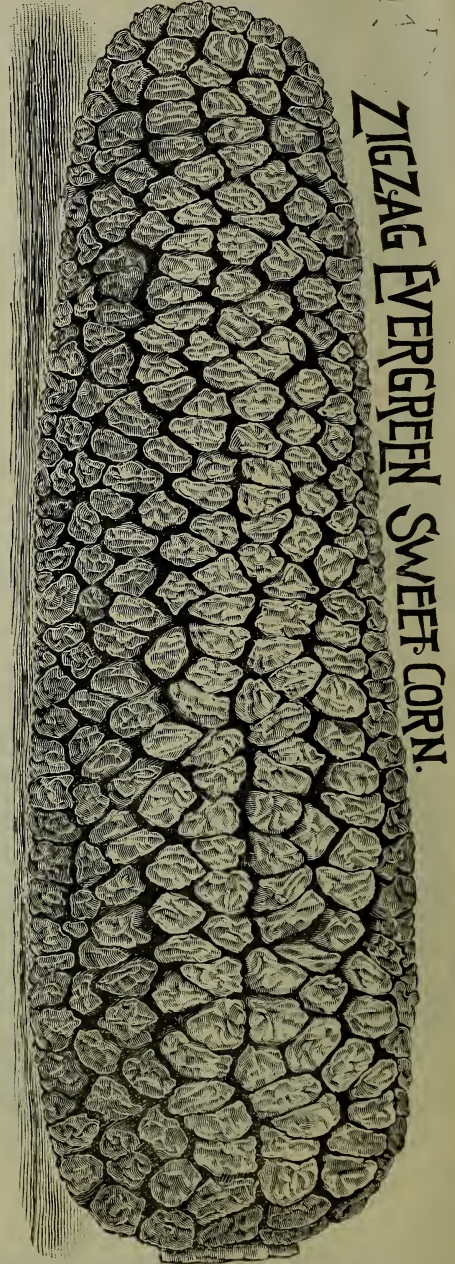
**Crosby's Early**—An excellent sort, combining earliness and fine quality; medium sized ears of finest quality. Pkt. 5¢, pt. 10¢, qt. 15¢, gal. 40¢, bu. \$2.50.

**Moore's Concord**—Large ears of fine quality; matures a little later than Crosby's Early. Pkt. 5¢, pt. 10¢, qt. 15¢, gal. 40¢, bu. \$2.50.

**Early Minnesota**—An old favorite. One of the best early varieties. Pkt. 5¢, pt. 10¢, qt. 15¢, gal. 40¢, bu. \$2.50.

**Early Champion**—The earliest large sweet corn. Produces ears a foot long in two months. Yields two and three ears to the stalk. Very sweet and juicy. An excellent sort for market or home use. Pkt. 5¢, pt. 10¢, qt. 15¢, gal. 40¢, bu. \$2.50.

**Stowell's Evergreen**—The standard main crop variety. Large well formed ears, deep grained; very sweet and sugary. It is hardy and productive and altogether the best kind for general use. Pkt. 5¢, pt. 10¢, qt. 15¢, gal. 40¢, bu. \$2.50.



**Zigzag Evergreen**—The grains are placed irregularly or zigzag fashion on the cob. This in sweet corn is always an indication of sweetness. Ears large. One of the best late kinds. Pkt. 5¢, pt. 10¢, qt. 15¢, gal. 40¢, bu. \$2.50.

## SWEET CORN.—Continued.

*Country Gentleman.*

**Country Gentleman**—Certainly a fine sort; ears average nine or ten inches in length, but what it lacks in size is more than equalled in superior quality and productiveness. It sometimes yields as many as five or six ears to the stalk. Deep grained and exceedingly sweet and juicy. One of the best for the family garden. Pkt. 5¢, pt. 15¢, qt. 20¢, gal. 50¢, bu. \$3.00.

**Late Mammoth**—The largest of all sweet corn. Immense ears of excellent quality, sweet and tender. Very late. Pkt. 5¢, pt. 10¢, qt. 15¢, gal. 40¢, bu. \$2.50.

If Corn is wanted by mail add 10¢ per pt., 15¢ per qt. for postage.

For list of Field Corn see under Farm seeds.

## CUCUMBER.

**The Emerald**—A new variety of sterling merit. See description under "Novelties" in front pages of this Catalogue. Pkt. 5¢, oz. 15¢, ¼ lb. 25¢, lb. 80¢.

**Siberian**—The earliest. Hardy; fruit short. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Early Cluster**—The short, thick fruit, is produced in clusters close to the stem. Early and productive. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Early Frame**—Very early and productive. The fruits are straight, tapering at the end and of a bright green color. Flesh crisp and tender. Excellent both for pickling and for table use. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Improved White Spine**—An excellent variety for slicing; early and prolific; handsome, straight, dark green fruits. Flesh tender and of highest quality. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

*Perfected Jersey Pickle.*

**Perfected Jersey Pickle**—A popular sort with New Jersey gardeners. Forms a beautiful, slender pickle and remains a long time in bearing. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Arlington**—A strain of White Spine, very popular with market gardeners. It is very early, of fine, salable shape and a rich, dark green color. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Evergreen**—An extra long strain of White Spine. Beautiful in shape and color and of the best quality. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Improved Long Green**—An old and popular variety. Valuable for either pickling or slicing. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

*Improved Long Green.*

**CUCUMBER.—Continued.**

**Everbearing**—An early variety; blooms and bears continuously the entire Summer until killed by frost. Small and enormously productive. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Boston Pickle or Green Prolific**—A favorite pickling sort, very productive; dark green, crisp and tender. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Fordhook Pickling**—One of the best and most prolific pickling cucumbers. Yields an abundance of fruits, just the right size and shape for pickles. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

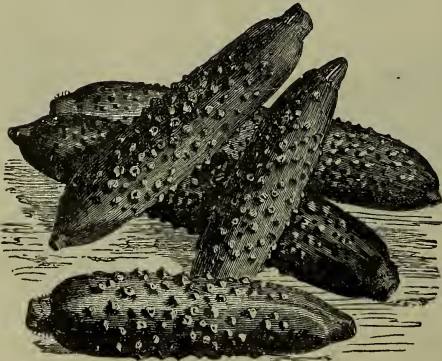
**Cool and Crisp**—An excellent variety for pickling or slicing. Early and very productive. Fruit slightly pointed at the ends; of desirable shape and color. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

*White Wonder.*

**White Wonder**—A very beautiful white skinned sort, of good quality and flavor. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Giant Pera**—A mammoth variety, very long, dark green, and of good quality. Pkt. 5¢, oz. 20¢, ¼ lb. 50¢, lb. \$1.20.

**Japanese Climbing**—Medium sized, well formed fruits of a dark green color. This variety throws out strong grasping tendrils which enables it to climb trellis, wire netting, strings, or any other suitable support. Pkt. 5¢, oz. 20¢, ¼ lb. 50¢, lb. \$1.25.

*Paris Gherkins.*

**Paris Cherkins**—A very small pickling variety. Forms a small dark green pickle, very crisp and tender. Pkt. 10¢, oz. 20¢, ¼ lb. 50¢, lb. \$1.25.

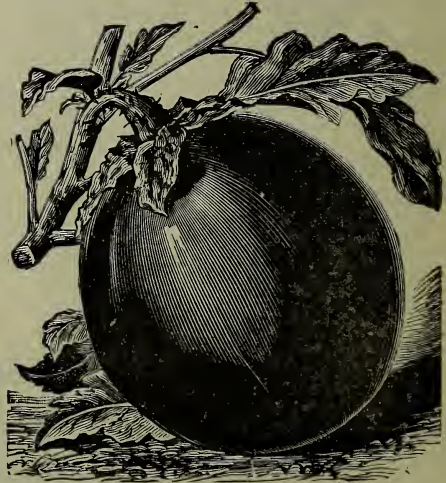
**ENDIVE.**

Endive is one of the most wholesome and appetizing salads for Fall and Winter use.

**Green Curled**—A very large variety. Leaves deep green, beautifully curled, and of fine flavor. Pkt. 5¢, oz. 15¢, ¼ lb. 40¢, lb. \$1.40.

*White Curled.*

**White Curled**—The most beautiful sort. Leaves light green and blanch easily to a clear waxy white, finely cut and curled. Pkt. 5¢, oz. 15¢, ¼ lb. 40¢, lb. \$1.40.

**EGG PLANT.***New York Purple.*

**New York Purple**—The standard and by far the best variety for home or market. It is of uniformly large size, very productive, and of a rich purple color. The quality is all that could be desired. Pkt. 5¢, oz. 30¢, ¼ lb. \$1.00.

**GOURDS.**

**Nest Egg**—The fruits when ripe exactly resemble hens' eggs in shape and color, and are much used as nest eggs. It is also an attractive ornamental climber. Pkt. 5¢, oz. 10¢.

**Dipper**—Useful for many purposes. The capacity varies from a pint to a quart, with handles six to twelve inches long. Pkt. 5¢, oz. 10¢.

## GARLIC.



*Garlic.*

**Garlic**—A bulbous root or onion much esteemed for flavoring meats, soups, etc. Should be grown in same manner as onions. Bulbs or Sets by Mail  $\frac{1}{4}$  lb. 15¢, lb. 40¢. By Express or Freight, lb. 30¢.

## Kale or Borecole.



*Curled Mosbach.*

**Siberian**—A valuable sort, and furnishes abundance of "greens", equal to the best spinach, during the Fall and Winter. Beautifully curled, crimped, and of fine flavor. It is perfectly hardy, and should be sown in the Fall like spinach. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 30¢, lb. \$1.00

**Curled Mosbach**—Of dwarf, compact, bushy growth. Light green foliage. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 30¢, lb. \$1.00.

## Kohl Rabi.



*Early White Vienna.*

An excellent vegetable worthy of more general cultivation; easily grown and of a superior flavor. Treat as early cabbage.

### Early White Vienna

—Very early; small tops and of a fine delicate flavor. Pkt. 5¢, oz. 20¢,  $\frac{1}{4}$  lb. 50¢, lb. \$2.00.

### Early Purple Vienna

—Identical with the above except in color, which in this sort is a rich purple. Pkt. 5¢, oz. 25¢,  $\frac{1}{4}$  lb. 75¢, lb. \$2.50.

### Large Green

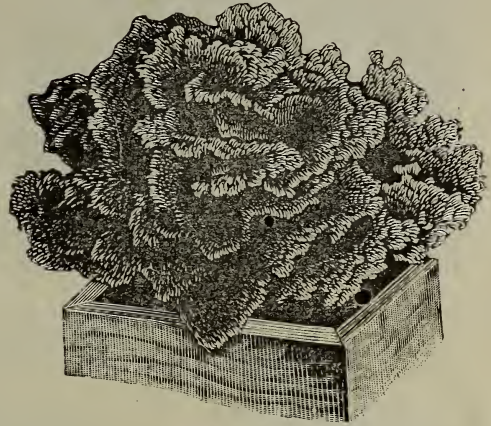
—A large, late, hardy variety used for stock feeding. Pkt. 5¢, oz. 15¢,  $\frac{1}{4}$  lb. 40¢, lb. \$1.50.

## LETTUCE.

**Wonderful**—An immense new variety. See "Novelties" in front pages of this Catalogue.

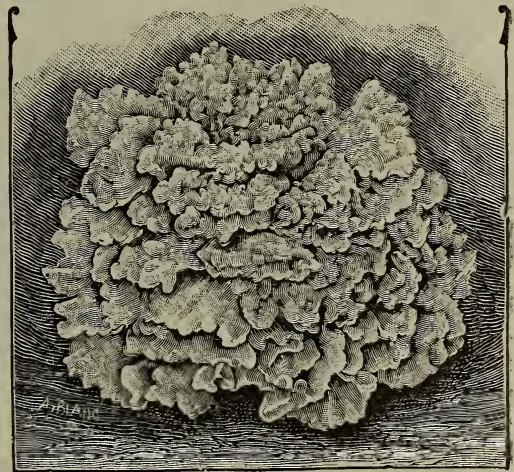
### EARLY CURLED VARIETIES.

**Simpson's Early Curled**—Fine, loose curled heads, light green in color. Very sweet and tender. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 30¢, lb. 80¢.



*Simpson's Black Seeded.*

**Simpson's Black Seeded**—Forms a large, loose, beautiful head, of a light yellowish green color; very tender and of best quality. A fine variety for forcing and stands the heat of Summer well. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 30¢, lb. 80¢.



*Grand Rapids Forcing.*

**Grand Rapids Forcing**—A loose curled variety, of great value for forcing. Of very rapid growth and a fine shipper. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 30¢, lb. 80¢.

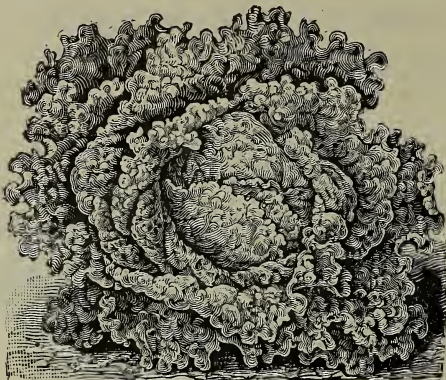
**Prizehead**—A popular variety for home use. Very early; large loose head; leaves bright green tinged with brown; tender and sweet. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 30¢, lb. 80¢.

### HEADING VARIETIES.

**Hanson**—One of the best of all varieties; forms a large, flat, solid head, the inner leaves blanching to a beautiful white. Always crisp and tender, even in the hottest weather of Summer. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 30¢, lb. \$1.00.

**HEADING VARIETIES—Continued.**

**Denver Market**—Large, solid heads; the leaves are crimped and blistered like a Savoy Cabbage. An excellent sort. Pkt. 5¢, oz. 10¢, ¼ lb. 30¢, lb. \$1.00.



*Denver Market.*

**Black Seeded Tennisball**—Very hardy; valuable for forcing or early planting out of doors. Forms a solid head; the bright green outer leaves are very thick, crisp, tender, and fine flavored. Pkt. 5¢, oz. 10¢, ¼ lb. 30¢, lb. \$1.00.



*Philadelphia Butter.*

**Philadelphia Butter**—Round, thick leaves of very dark green color; rich flavor. Pkt. 5¢, oz. 10¢, ¼ lb. 30¢, lb. \$1.00.

**Iceberg**—A very hard heading and beautiful sort, excellent for Summer use. Inner leaves finely blanched, crisp and brittle; of sweet and refreshing flavor. Pkt. 5¢, oz. 10¢, ¼ lb. 30¢, lb. \$1.00.

**Silver Ball**—Good sized heads of fine quality; thick leaves of a beautiful silvery white color. Pkt. 5¢, oz. 10¢, ¼ lb. 30¢, lb. \$1.00.



*Big Boston.*

**Big Boston**—Excellent for forcing or early out-door culture; very hardy and vigorous; large heads of a beautiful shade of green. Pkt. 5¢, oz. 10¢, ¼ lb. 30¢, lb. \$1.00.

**Deacon**—Fine for Summer use. Stands a long time before running to seed. Forms a solid head of excellent flavor. Pkt. 5¢, oz. 10¢, ¼ lb. 30¢, lb. \$1.00.



*American Flag.*

**Leek.**

Leek belongs to the onion family and is grown in the same manner. Valuable as a salad or cooked as onions. Plants are perfectly hardy, and are improved rather than injured by freezing.

**Large American Flag**  
—Good size and quality. Pkt. 5¢, oz. 15¢, ¼ lb. 40¢, lb. \$1.25.

**Monstrous Carentan**  
—A giant variety, often three inches in diameter. Very white and tender. Pkt. 5¢, oz. 15¢, ¼ lb. 40¢, lb. \$1.25.

**MUSK MELON.**

**Rocky Ford**—See Novelties in front pages of this catalogue.

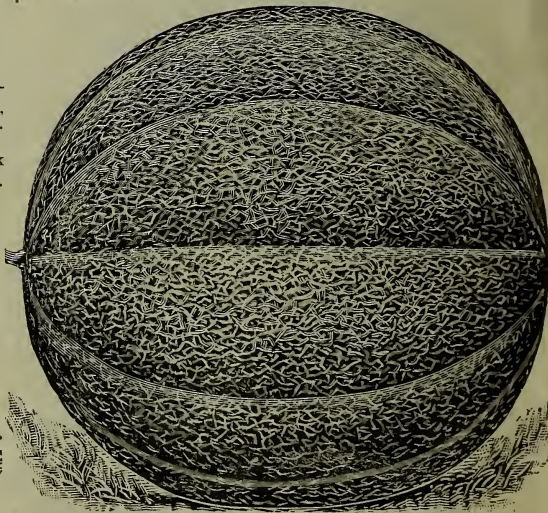
**Extra Early Hackensack**—A selection from the old Hackensack, but is about ten days earlier. The melons are of good size and flavor; valuable for early market. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Jenny Lind**—An extremely early variety of small size, round in shape. Flavor excellent. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Early Green Nutmeg**—A favorite for home or market. Medium size; first-class quality. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Casaba or Persian**—A long oval-shaped melon. Large in size, extremely sweet and high flavored. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Melrose**—A fine variety for the home market. Flesh thick and of a rich light green color. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.



*Tip Top.*

**Tip Top**—A yellow fleshed melon of highest quality. This new Musk Melon should be planted by every gardener. It always pleases. The testimony of all who use Tip Top is that every melon produced, whether big or little, early or late, is a good one. It is always sweet, juicy and fine flavored; firm fleshed, and eatable to the outside coating. An excellent market variety and sells on sight. The fruit is of large size, nearly round, evenly ribbed and netted. It is also perhaps the most productive melon grown. Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 75¢.

**Netted Gem**—One of the earliest and most profitable small basket melons. Very uniform in desirable shape and size. Flesh light green and of very finest flavor. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Large Yellow Cantaloupe**—A large variety deeply ribbed. Flesh thick and of a light salmon color. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

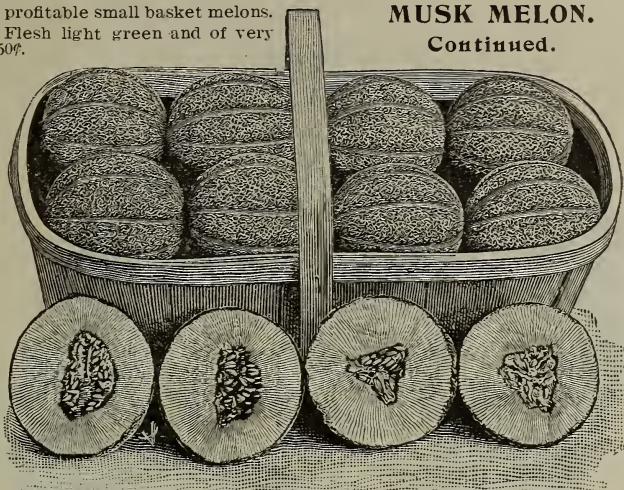
**Osage**—A fine yellow fleshed variety, of good size. Flesh very thick and of a beautiful salmon color; very sweet and melting. As a melon for the home garden it cannot be equaled. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Paul Rose**—A new variety. A successful cross between the Osage and Netted Gem. It combines the sweetness of the former with the fine netting of the Gem, and is even a better shipper than this variety. The melons grow uniform in shape and size. The flesh is remarkably thick, making the melon very solid and heavy, and of a beautiful salmon or orange color; deliciously sweet and melting. Pkt. 5¢, oz. 10¢, ¼ lb. 40¢, lb. \$1.00.

**Bay View**—A long, green fleshed melon of largest size, often reaching a weight of twenty pounds. Flesh thick and very sweet. The best large melon, and is easily grown. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**MUSK MELON.**

*Continued.*



*Paul Rose.*

**WATERMELONS.**



**Dixie**—Oblong shape; light and dark green striped. Flesh scarlet, very sweet and sugary; rind tough, making it an excellent shipper. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Phinney's Early**—The earliest variety. Small, but very hardy. Bright red flesh. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Cuban Queen**—An old favorite. A good shipper. Has bright red flesh. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Triumph**—A mammoth new melon. See "Novelties" on front pages of this Catalogue.

**Ice Cream**—Medium size; oblong shape; thin rind and bright red flesh; sweet and luscious. Excellent for home or market. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

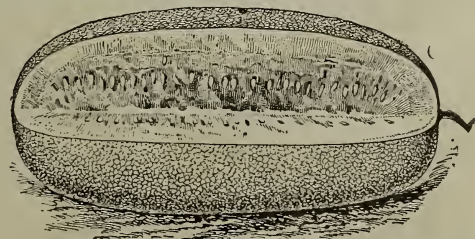
**Dark Icing**—Large dark green, almost round; flesh sweet and bright red. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Duke Jones**—Of very large size and fine sweet flavor. A good melon to grow for market. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Florida Favorite**—Oblong; striped; early. Sweet and fine flavored. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

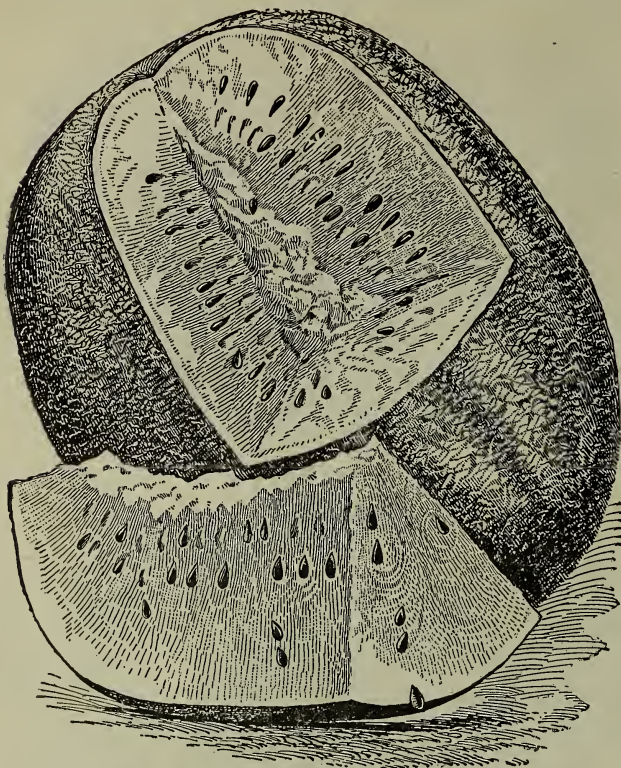
**Blue Gem**—A blue or black Kolb's Gem, possessing the fine shipping qualities of this old favorite; in addition, it is larger, and even a better keeper. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Gray Monarch**—Skin light, almost white, attractively mottled. Shape long, and grows to a large size. An excellent sort for market, and of fine, sweet flavor. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.



*Gray Monarch.*

## WATERMELONS—Continued.

*Sweetheart.*

## MUSTARD.

*Chinese Broadleaf.*

**Chinese Broadleaf**—Leaves very large and broad, used as a "greens," boiled like Spinach. It is ready for use in about six weeks after sowing the seed. Pkt. 5¢, oz. 20¢, ¼ lb. 35¢, lb. \$1.00.

**Southern Giant Curled**—A variety highly esteemed in the South as an early Spring salad. Leaves beautifully cut and curled. Pkt. 5¢, oz. 20¢, ¼ lb. 35¢, lb. \$1.00.

**White or English**—For salads and flavoring. Oz. 5¢, lb. 40¢.

**Kolb's Gem**—The old popular market and shipping variety. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Kleckley Sweets**—The finest melon for home use in cultivation. It is of medium size and oblong shape. The skin is a handsome dark green. The bright, red flesh is exceedingly sweet and melting. The rind is so thin that there is practically no waste. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

**Seminole**—A long, light skinned, oblong melon. It is extra early and of large size; the flesh is bright red and of excellent quality. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Sweetheart**—An excellent shipping melon. Fruit large, oval, and extra heavy. The skin is tough and mottled light and dark green. Flesh bright red, melting and sweet. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**McIver's Wonderful Sugar**—Oblong shape; uniformly large. The skin shows broad bands of white and dark green. Flesh, a beautiful pink and of a superior quality, being free from stringiness, very sweet and juicy. A very attractive melon and a ready seller. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

**Cypsy or Georgia Rattlesnake**—A very large melon and a good shipper. The skin is striped light and dark green. The flesh is bright scarlet, deliciously sweet and sugary. This variety is very popular in the South for shipping. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

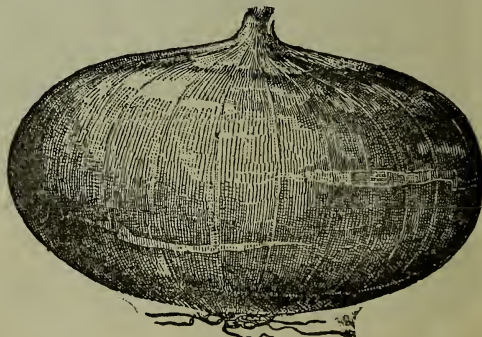
**Mountain Sweet**—An old standard. Flesh red and of good quality. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 50¢.

## ONIONS.

## RED.

**Globe Wethersfield**—A new Red Onion. See novelties on front pages of this catalogue.

**Extra Early Red Flat**—An extra early, medium sized flat onion. It is of a dark red color. Excellent for early market. Pkt. 5¢, oz. 15¢, ¼ lb. 40¢, lb. \$1.25.

*Large Red Wethersfield.*

**Large Red Wethersfield**—An old favorite and the standard red variety. Of large size and purplish color. The best keeper. Pkt. 5¢, oz. 15¢, ¼ lb. 40¢, lb. \$1.40.

**Southport Red Globe**—The globe onions, because of their handsome shape, always bring a higher price in the market than the flat varieties. The Red Globes of good size, a beautiful shining dark red color and excellent flavor and keeping qualities. Those who grow onions for market will find this a good paying sort. Pkt. 5¢, oz. 15¢, ¼ lb. 50¢, lb. \$1.50.

**ONIONS.—White.**

**Earliest White Queen—(Pickling)**

A beautiful white skinned little onion. Very early and of mild flavor. Just the right size for pickling. Pkt. 5¢, oz. 25¢, ¼ lb. 75¢, lb. \$2.25.

**White Portugal, or Silver Skin—**An early, large, mild flavored onion; skin a beautiful silvery white. A good keeper. This variety is largely used for growing sets. Pkt. 5¢, oz. 25¢, ¼ lb. 80¢, lb. \$2.50.



Earliest White Queen.

**Southport White Globe—**One of the most handsome onions grown. It is large, of fine globe shape, pure white color and mild flavor. An abundant yielder and an excellent keeper. Pkt. 5¢, oz. 30¢, ¼ lb. 80¢, lb. \$2.50

**ONIONS.—Brown.**

**Australian Brown—**A new long keeping sort from Australia. See under Novelties on front pages of this catalogue. Pkt. 5¢, oz. 20¢, ¼ lb. 40¢, lb. \$1.50.

**Giant Brown Roca—**An enormous onion. Shape globular. Skin a light brown. A very mild and fine flavored sort. Pkt. 5¢, oz. 20¢, ¼ lb. 40¢, lb. \$1.25.

**ONIONS.—Yellow.**

**Danver's Yellow Globe—**The standard yellow variety. Globe shaped. Color a light golden yellow. Flesh pure white and mild in flavor. A good yielder and keeper. Pkt. 5¢, oz. 15¢, ¼ lb. 40¢, lb. \$1.25.

**Michigan Yellow Globe—**The finest shaped, best colored yellow onion; of fine globe shape and a rich orange color. Yields immense crops of large fine flavored onions and keeps well. Pkt. 5¢, oz. 15¢, ¼ lb. 50¢, lb. \$1.50.

**Strasburg or Yellow Dutch—**An old sort; good size; flat shape; skin rich yellow. The standard yellow set variety. Pkt. 5¢, oz. 15¢, ¼ lb. 40¢, lb. \$1.25.

**Giant Gibraltar—**An imported onion of immense size. Under special cultivation it has been grown to a weight of four pounds and over. They rival the large Spanish onions in size, and like these are remarkably mild and sweet. They are globe shaped and straw colored. Pkt. 5¢, oz. 30¢.

**Prizetaker—**The American Prizetaker grows uniform in size. It is of handsome globe shape. Skin a bright straw color. Pkt. 5¢, oz. 15¢, ¼ lb. 40¢, lb. \$1.50.

Of immense size, often measuring 18 inches in circumference. It ripens up well and is remarkably mild and fine flavored. Yields immense crops.



**ONION SETS.**— We grow annually large quantities of Onion Sets, and are prepared to furnish choice, small dry sets. These produce green onions or large bulbs much quicker than they can be grown from seed, and require much less care and labor. They are growing in favor each year.

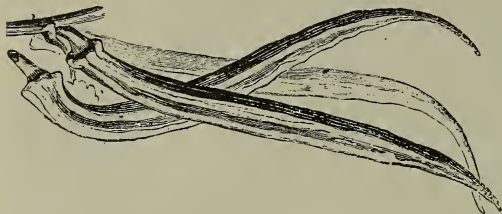
	BY MAIL.		BY EXPRESS OR FREIGHT.	
	QUART.	QUART.	GALLON.	BUSHEL.
Red Onion Sets.....	25¢	15¢	50¢	\$2.50
White Onion Sets.....	30¢	20¢	70¢	3.00
Yellow Onion Sets.....	25¢	15¢	50¢	2.50
Top Onion Sets.....	30¢	20¢	70¢	4.00

Prices subject to market fluctuations.

Write for prices on larger quantities.

## OKRA.

The Okra is a leading vegetable in the South, where it is used for making soup, or stewed like Asparagus. It is worthy of more general cultivation in the West and is very easily grown. The pods should be used when they are young and tender, or they may be sliced and cured in the shade like dried apples, for future use.

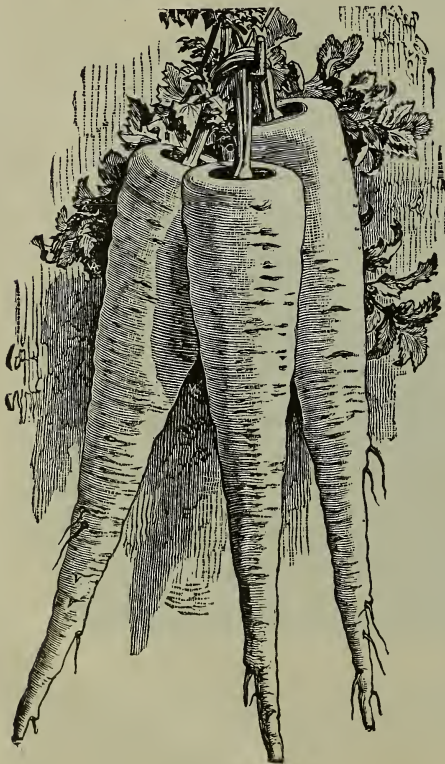


**Mammoth Green Pod**—A dwarf variety. The long, slender, deep green pods, are produced in great abundance. Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 75¢.

**Lady Finger**—Produces long, slender pods of best quality. Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 75¢.

## PARSNIP.

**Long Smooth**—A heavy cropper. Very tender and sweet. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.



*Hollow Crown.*

**Hollow Crown**—The best variety for market. Our stock of this has been selected for a uniform root with thick shoulder. Roots white, smooth and clean. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

## PARSLEY.

**Emerald**—A dark green variety finely curled and crimped. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.



*Dark Moss Curled.*

**Dark Moss Curled**—A very beautiful sort. Leaves very dark green and densely curled. Very productive and compact in growth. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

## PEPPER.

Sow early in a hot-bed or in open ground in a seed-bed about the middle of Spring, in light, warm ground. Transplant when three inches high, one foot apart, in eighteen inch drills.

### Sweet

#### Mountain—

A strong grower and very productive. The young peppers are of a bright green color, turning to a rich red when ripe. Very large, sweet and mild.

Pkt. 5¢, oz. 25¢, ¼ lb. 75¢, lb. \$2.50.

#### Bell, or Bull

**Nose**—A very large and mild, glossy red variety.

Pkt. 5¢, oz. 25¢, ¼ lb. 75¢, lb. \$2.50.



*Long Red Cayenne.*

**Ruby King**—A mild flavored pepper of large size, from four to six inches long, by three and a half to four inch 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. 25¢, ¼ lb. 75¢, lb. \$2.50.

**Long Red Cayenne**—A long slender Red Pepper, very hot and pungent. Pkt. 5¢, oz. 25¢, ¼ lb. 75¢, lb. \$2.50.

# PEAS.

## EXTRA EARLY SORTS.

**Fleetwing**—For earliness, productiveness and purity, is without a rival. Pkt. 5¢, pt. 15¢, qt. 25¢, gal. 75¢, bu. \$4.00.

**First and Best**—A very popular, extra early pea. Height 2½ feet; seed round, smooth, cream colored. Pkt. 5¢, pt. 15¢, qt. 25¢, gal. 75¢, bu. \$4.00.

**Alaska**—As early as the earliest. The finest extra early pea known. Pods of a rich dark green color. It grows 2½ ft. high and matures all the crop at once, making it a valuable variety for the market gardener. Pkt. 5¢, pt. 15¢, qt. 25¢, gal. 75¢, bu. \$4.50.

**American Wonder**—A desirable dwarf variety, growing only nine inches high; very early. Peas are wrinkled, very sweet and high flavored. Pkt. 5¢, pt. 20¢, qt. 30¢, gal. \$1.00, bu. \$6.50.



**Gradus**—The most attractive novelty of recent years. As early as the extra earlies and with immense pods double the size of First and Best. The pods are well shaped and filled with large, luscious peas of the very finest quality. Height three feet. Every gardener should try this sort. Pkt. 10¢, pt. 30¢, qt. 50¢, gal. \$1.50, bu. \$10.00.



*Nott's Excelsior.*

**Carter's Premium Gem**—A deservedly popular dwarf growing sort, growing about fourteen inches high. It is hardy, and can be planted earlier than most wrinkled peas; very prolific. The pods are large and contain six to nine peas of first-class quality. Pkt. 5¢, pt. 15¢, qt. 25¢, gal. 80¢, bu. \$5.00.

**Nott's Excelsior**—The best dwarf variety for the home garden. Grows a foot high and is wonderfully productive. The peas are tender and of delicate flavor. An excellent sort, growing more in popular favor every year. Pkt. 5¢, pt. 20¢, qt. 30¢, gal. \$1.00, bu. \$6.00.

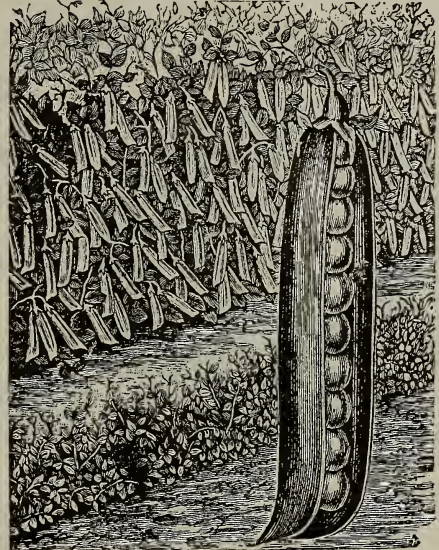
**Tom Thumb**—An old sort; early and prolific. Height ten inches. Pkt. 5¢, pt. 15¢, qt. 25¢, gal. 75¢, bu. \$4.00.

## LATER PEAS.

**Carter's Daisy**—Grows only eighteen inches high, producing large, long, handsome pods, well filled with large, tender peas of fine flavor. A most excellent variety. Pkt. 10¢, pt. 20¢, qt. 30¢, gal. \$1.00, bu. \$6.50.

**McLean's Advancer**—A great favorite with market gardeners. The large, handsome, well filled pods are borne at the top of the stalk, and are easily gathered. Height two feet. Pkt. 5¢, pt. 10¢, qt. 20¢, gal. 75¢, bu. \$4.00.

**Bliss' Abundance**—Vigorous in growth, producing pods in the greatest abundance, hence its name. Height twenty inches. Peas of good quality. Pkt. 5¢, pt. 10¢, qt. 20¢, gal. 75¢, bu. \$4.00.



*Bliss' Everbearing.*

**Bliss' Everbearing**—A second early sort, continuing a long time in bearing. Vines vigorous and branching, and grow about two feet high. The peas are large, sweet and well flavored. Pkt. 5¢, pt. 10¢, qt. 20¢, gal. 75¢, bu. \$4.50.

**Heroine**—Elegant habit of growth, pods remarkably long and handsome, slightly curved and well filled with large, luscious peas of fine flavor. A gem of the first water and a variety we can recommend. Pkt. 5¢, pt. 15¢, qt. 25¢, gal. 90¢, bu. \$5.00.

**Telephone**—Height three and one-half feet; vines and leaves large and coarse. The extra large, light green pods are produced in the greatest profusion and are filled with immense peas which are sweet, tender, and of delicious flavor. The fine showy appearance of the big pods makes it an invaluable variety to the market gardener. Pkt. 10¢, pt. 15¢, qt. 25¢, gal. 90¢, bu. \$5.00.

**Improved Stragem**—Of vigorous habit and a heavy cropper. Height two feet; seed large green, wrinkled. Popular with gardeners everywhere. The large attractive pods combined with the excellent quality of the peas make it a very desirable and paying variety. Pkt. 10¢, pt. 15¢, qt. 25¢, gal. 90¢, bu. \$5.00.

**Shropshire Hero**—A comparatively new sort. Bears profusely. Pods large and perfectly shaped, and filled with peas of very best quality. Pkt. 5¢, pt. 10¢, qt. 20¢, gal. 75¢, bu. \$4.00.

**Champion of England**—An old and favorite sort, with all those who are fond of a large tender luscious pea. It is hardy and rampant in growth, reaching a height of four or five feet and is fairly productive. Pkt. 5¢, pt. 10¢, qt. 20¢, gal. 70¢, bu. \$4.00.

**Melting Sugar**—(Edible Pod)—In this variety, which is the best of its class, the entire pod is cooked in the same way as string beans. The pods are of large size, flat, very tender and brittle, and fine flavored when cooked. The vines attain a height of four feet and are very productive. Pkt. 5¢, pt. 15¢, qt. 25¢, gal. 80¢, bu. \$5.50.

**Dwarf Marrowfat**—Height three feet; hardy, strong and vigorous. Pkt. 5¢, pt. 10¢, qt. 15¢, gal. 50¢, bu. \$3.00.

**Large White Marrowfat**—A good Summer pea; grows five feet high, is productive and of fair quality. Pkt. 5¢, pt. 10¢, qt. 15¢, gal. 50¢, bu. \$3.00.

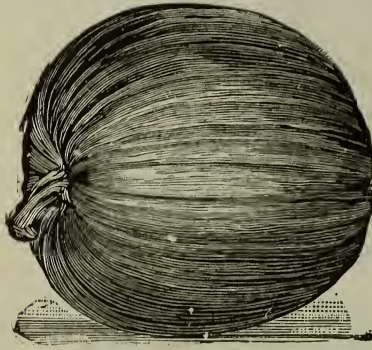
*If peas are wanted by mail add 10¢ per pt., 15¢ per qt. for postage.*

## PUMPKINS.

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.

**Quaker Pie**—Oval in shape, tapering to both ends. Flesh and skin of a creamy yellow color. Fine for pies, being fine grained and rich flavored. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 75¢.

**Winter Luxury**—A small, sweet, golden yellow variety. A fine Winter keeper and unequalled for cooking. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 70¢.



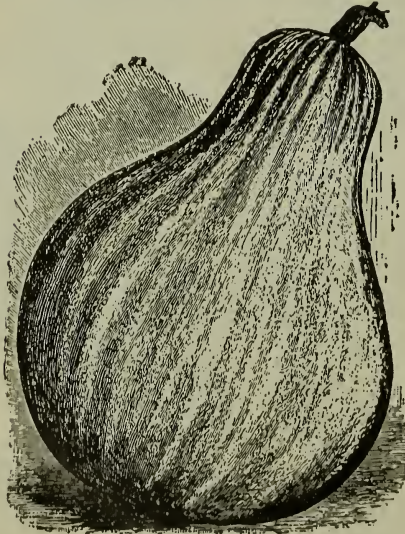
*Connecticut Field.*

**Connecticut Field**—The common yellow field variety. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 15¢, lb. 30¢. By Express or Freight, lb. 20¢, 5 lbs. 75¢.

**Large Cheese**—A large, flat sort; productive and of good quality. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 15¢, lb. 40¢.

**Small Sugar**—Similar to Winter Luxury. Very sweet and keeps well; quality excellent. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 60¢.

**King of the Mammoth**—The giant among Pumpkins; often reaches a weight of over a hundred pounds. Skin salmon colored. Flesh bright yellow, fine grained and of good quality. Pkt. 10¢, oz. 15¢,  $\frac{1}{4}$  lb. 40¢, lb. \$1.25.



*Tennessee Sweet Potato.*

**Tennessee Sweet Potato**—Medium sized; pear shaped, striped white and green. Thick flesh of good flavor. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 50¢.

**Cushaw or Crookneck**—Light cream color; productive. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 50¢.

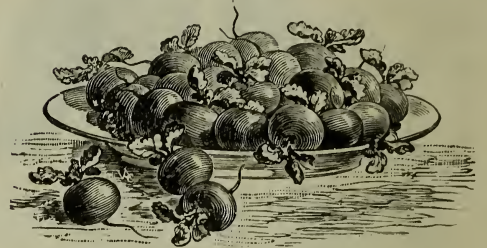
## RADISH.

For two New Early Radishes see Novelties on front pages of this Catalogue.



*Earliest White Olive or Rocket.*

**Earliest White Olive or Rocket**—The earliest white radish in cultivation. Good sized radishes can be pulled in twenty days after sowing the seed. Of fine olive shape, flesh and skin pure white, and as a result of its quick growth, very crisp, mild and tender. An excellent forcing sort. Pkt. 10¢, oz. 15¢,  $\frac{1}{4}$  lb. 40¢, lb. \$1.20.



*Non Plus Ultra, or Scarlet Forcing.*

**Non Plus Ultra, or Scarlet Forcing**—A very early bright scarlet turnip radish. One of the best forcing varieties. Top extremely small admitting of very close planting in the hot bed. Color a rich dark red; very crisp and tender, and delicately flavored. Pkt. 10¢, oz. 15¢,  $\frac{1}{4}$  lb. 40¢, lb. \$1.20.

**Deep Scarlet White Tipped Forcing, or Rosy Gem**—An extremely early or twenty-day radish, of handsome globe shape. Its beautiful dark red color with white tip makes it one of the most salable varieties for early market. Pkt. 10¢, oz. 15¢,  $\frac{1}{4}$  lb. 40¢, lb. \$1.20.



*New Bright Breakfast.*

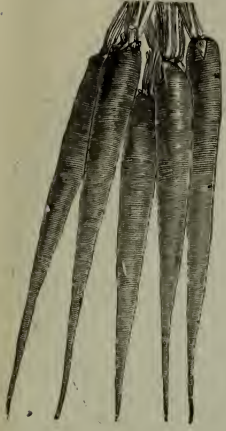
**New Bright Breakfast**—A new forcing sort, similar to the old French Breakfast in shape, but is earlier and of a much brighter and richer color. Very crisp, tender and mild. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 70¢.

**Deep Scarlet Turnip, or Scarlet Button**—A handsome very dark red radish. The tops are small and the flesh very white, tender, and crisp. Pkt. 5¢, oz. 10¢,  $\frac{1}{4}$  lb. 20¢, lb. 70¢.

**RADISHES—Continued.**

**Early Scarlet Turnip**—The standard, small, round red. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 70¢.

**Half Long Deep Scarlet, or Paris Beauty**—Similar to the long scarlet, but shorter, thicker, and brighter in color. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 70¢.



**Long Brightest Scarlet**—Undoubtedly the brightest and most attractive long radish grown. Is very early and quick growing. The color is a rich red, while the tips are pure white, flesh white, very crisp, tender, and mild. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 70¢.

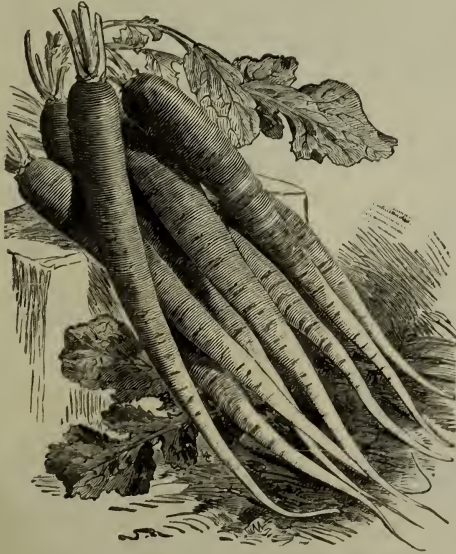
**Early Long Scarlet Short Top**—The standard long red variety, early and of excellent quality. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 70¢.

**Long White Vienna, or Lady Finger**—An early Summer radish which is becoming very popular. The long, white, smooth roots are of about the same shape and length as the Long Scarlet, and always brittle and mild flavored. An excellent sort. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 70¢.

**Early Lg. Scarlet Short Top**—An old favorite of rapid growth, with small tops, crisp and tender; color a bright red, with white tip. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 70¢.

**White Strasburg**—One of the best of all the Summer radishes. Of good quality at all stages of its growth. When fully grown the roots are about five inches long and very thick at the shoulder. It never becomes tough or pithy, even in the hottest weather. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 70¢.

**Early Golden Yellow Oval**—Handsome, smooth roots, of a bright yellow color and fine oval shape, with small tops. It matures quickly and stands the heat of Summer well. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 70¢.



*Chartier.*

**Chartier**—A fine American variety, excellent for Summer use. The roots are about an inch in diameter and six inches long. Color a bright red, shading to a white tip; flesh remarkably crisp and mild. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 70¢.

**Early Scarlet Olive Shaped**—Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 70¢.

**WINTER RADISHES.**

**Black Spanish**—A late and hardy variety of large size. Skin a very dark brown or black. Keeps well during the Winter. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 70¢.

**Rose China Winter**—Of excellent quality and a good keeper. Skin a bright rose color; flesh very crisp and brittle. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 70¢.

**Chinese or Celestial**—A large white all seasons or Winter radish. Often grows fifteen inches long and five inches in diameter. The skin is pure white, and the flesh, notwithstanding its large size, is crisp, tender, and mild. Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 90¢.



*Myatt's Victoria.*

**Rhubarb.**

**Myatt's Victoria**—The standard sort. Pkt. 5¢, oz. 15¢, ¼ lb. 40¢, lb. \$1.25.

**RHUBARB ROOTS.**

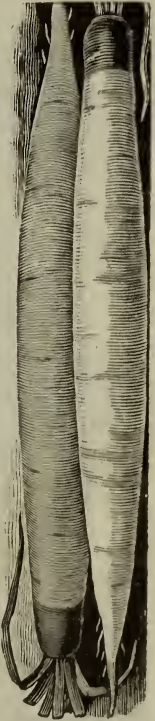
**Rhubarb Roots**—Strong two-year-old roots. By express or freight, each 10¢, per dozen \$1.00.

**Salsify or Vegetable Oyster.**

The Salsify is one of the **Most Delicious and Wholesome Vegetables for Winter Use**

and should be more generally grown. The roots resemble a small Parsnip. The flavor when cooked is that of an oyster. They are as easily grown as Parsnips, and, like these, may be left in the ground all Winter and dug in the Spring.

**Mammoth Sandwich Island**—The best variety. The roots grow to double the size of the old sort, are very smooth, of superior quality and delicate flavor. Pkt. 5¢, oz. 10¢, ¼ lb. 30¢, lb. \$1.00.



*Mammoth Sandwich Island.*

## SPINACH.

**Victoria**—The foliage is heavy and of true Savoy appearance. The fact that it remains in condition longer, standing from two to three weeks longer before running to seed, than any other variety, makes it unequalled for Spring planting. Excellent for the home garden. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 35¢.



*Victoria.*

**Long Standing**—Excellent for Spring planting. The leaves are large, thick, fleshy and crumpled. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 35¢.

**Bloomdale, or Savoy Leaved**—The numerous large leaves are curled, wrinkled and blistered. The best for Fall or early Spring sowing, or for shipping to market. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 35¢.

**Large Thick Leaved**—Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 35¢.

## SQUASH.

**White Summer Crookneck**—Similar in size and shape to the old Crookneck, but of a beautiful ivory white color. It is of fine quality, productive, and its attractive appearance makes it a very desirable sort to grow for market. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.



*Mammoth White Bush.*

**Mammoth White Bush**—An improved strain of the well known White Bush, or Patty Pan, being twice as large. The color is a beautiful white. They ripen early and are wonderfully productive. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

**Golden Custard, or Mammoth Yellow Bush**—Similar to Mammoth White Bush, but of a beautiful golden yellow color. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

## THE THREE HUBBARDS.



*Chicago Wartyed Hubbard.*

**Chicago Wartyed Hubbard**—The ideal Hubbard for home or market. Very large and uniform in size. Has a rich dark green skin which is rough and heavily warted. It attracts attention when placed on display and sells readily when other kinds are a drug on the market. The vines grow strong and vigorous, and are as productive as the old variety. Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 75¢.

**New Red or Golden Hubbard**—A perfect type of the Green Hubbard except in color, which is a bright, deep orange yellow. It is very handsome and attractive and a ready seller. Quality and flavor the best. Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 75¢.

**Hubbard**—The old favorite Winter variety. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

**Mammoth Summer Crookneck**—This new squash is not only earlier than the old Summer Crookneck, but grows nearly twice as large, sometimes reaching a length of two feet. It is of true bush habit and fine quality; color a bright yellow. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

## WINTER SQUASHES.

**Fordhook**—Can be used at all stages of growth, keeping quality unsurpassed. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

**Orange Marrow**—The earliest of the Winter squashes. Of good size and excellent quality. Color, creamy orange. Pkt. 5¢, oz. 10¢, ¼ lb. 20¢, lb. 60¢.

**Mammoth Chili**—The giant among squashes. Shape round, flattened at the ends. Color, orange yellow. Flesh very thick and of good quality. A good Winter keeper. The best sort for feeding stock. Pkt. 5¢, oz. 15¢, ¼ lb. 40¢, lb. \$1.00.

**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. 50¢.

*magnum.*

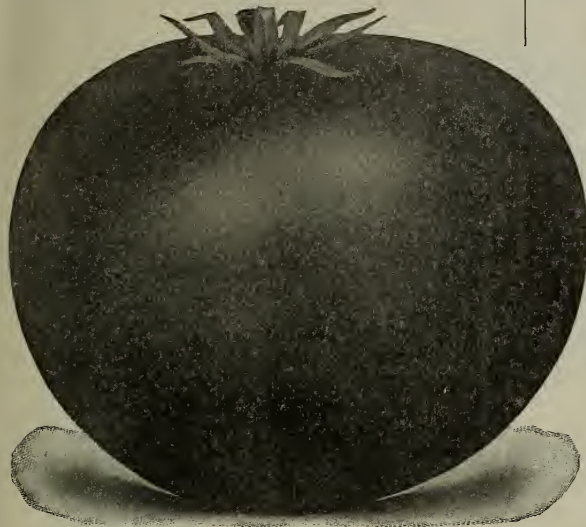
# TOMATO.

See "Novelties" on front pages of this Catalogue for new varieties.

**Atlantic Prize**—The earliest of all. Good sized fruits, which are smooth and of good quality. Very productive. Pkt. 5¢, oz. 10¢, ¼ lb. 60¢, lb. \$2.00.

**Acme**—Hardy and productive. The first fruits ripen very early and it continues in bearing until cut down by frost. Fruit round, smooth and of good size; solid and of fine flavor. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$2.00.

**Livingstone's Beauty**—The smoothest and best of the large purple sorts. Very productive and used largely for canning. Fine quality. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$2.00.



*The Stone.*

**The Stone**—This variety has attained great favor with market gardeners and canners everywhere. Its solidity and carrying qualities are remarkable. Its color is a beautiful red. In shape it is perfectly smooth and thick from stem to blossom end, making it very handsome and salable. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$2.00.

**Buckeye State**—A very large and smooth tomato, bears its fruits in immense clusters of four to eight, and is the heaviest cropper known. The fruits are very solid, perfectly smooth and of a beautiful dark red color. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$2.25.

**Crimson Cushion**—A new variety resembling the Ponderosa in immense size. The fruit is smooth, solid as beefsteak; making it one of the best of all for slicing. It is bright red in color, early and enormously productive. Pkt. 5¢, oz. 30¢, ¼ lb. 80¢, lb. \$3.00.

**Dwarf Champion**—Of dwarf, upright and compact habit, forming a small tree, which requires no staking or other support. The fruit is uniform in shape; color, a purplish red. Very early and wonderfully productive. Pkt. 5¢, oz. 25¢, ¼ lb. 75¢, lb. \$2.50.



*Dwarf Champion.*

**Perfection**—A beautiful variety. Early, solid and smooth. Color a bright red. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$2.00.

**Favorite**—An excellent sort for canning and one of the best and largest, perfect shaped tomatoes grown. It ripens evenly and early, holding its size to the end of the season. Free from cracks; very prolific; of good flavor; flesh solid and has few seeds. Pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$2.00.

**Royal Red**—An excellent sort for main crop. Large size, good quality and bright red color. Pkt. 5¢, oz. 120¢, ¼ lb. 60¢, lb. \$2.00.

**Pear Shaped Red and Yellow**—Small fruits, growing in clusters; exceedingly productive. Much used for preserving. Each, Red or Yellow, per pkt. 5¢, oz. 20¢, ¼ lb. 60¢, lb. \$2.00.

# TOBACCO.

**Connecticut Seed Leaf**—Best adapted to the Northern and Middle States, as it is hardier and matures its crop earlier than other varieties. Pkt. 5¢, oz. 25¢.

**Havanna**—Pkt. 5¢, oz. 25¢.



*Connecticut Seed Leaf.*

# TURNIP.

**Extra Early Purple Top Milan**—A very early sort with small tops. Roots are of flat shape, pure white, with purple top. Fine flavor. Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 75¢.

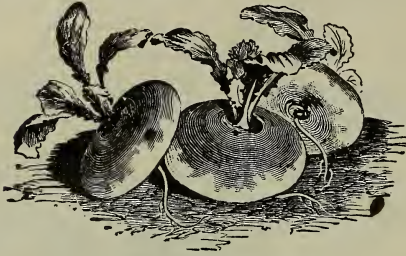


*Scarlet Kashmir.*

**Scarlet Kashmir**—A novelty of rare merit. The skin of this fine sort is a very bright red, resembling a large flat radish. They are always perfectly shaped, very early and of good quality. Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 75¢.

**TURNIP.—Continued.**

**Extra Early White Milan**—The roots are similar to Extra Early Purple Top Milan; except that they are pure white. Remarkably early and mild flavored. Pkt. 5¢, oz. 10¢, ¼ lb. 25¢, lb. 75¢.



*Extra Early Purple Top Milan.*

**Early White Flat Dutch**—An early garden variety of excellent quality. Good size and tender. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 40¢.

**Purple Top Strap Leaf**—The standard and most popular variety. Excellent for either Spring or Fall sowing. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 40¢.



**Purple Top Globe**—Similar to the above but of handsome globe shape. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 40¢.

**White Egg**—A pure white egg shaped variety. It grows very quickly, is perfectly smooth and has a small top. The flesh is tender and always sweet and mild. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 50¢.

**RUTA BAGA**

Finest Quality.



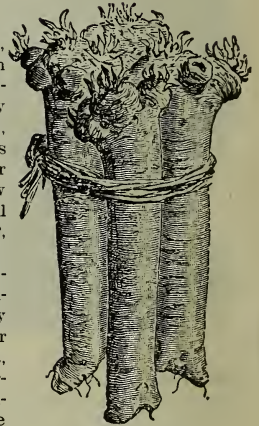
*Long Island Purple Top.*

**Long Island Purple Top**—An American yellow fleshed variety, with small top and neck. Roots almost round and grow to a very large size. Finest quality. Pkt. 5¢, oz. 10¢, ¼ lb. 15¢, lb. 50¢.

**ROOTS.**

**Horse Radish**—Fine, large, thick roots may be grown in a single season by planting the young roots early in the Spring in good, rich, loose soil. Fresh plantings should be made from year to year as the old roots grow rough and prongy. Small roots by mail, per doz. 25¢, per 100 \$1.00.

**Chives**—Small plants belonging to the Onion family. They are perfectly hardy and are grown for their small round leaves, which are used for flavoring, imparting a mild onion-like flavor. They should be planted in the corner of the garden, or in the border, and divided when the clumps become too large. Roots, per bunch by mail, each, 20¢, by express, each, 10¢, per doz. \$1.00.



*Horse Radish Roots.*

In the Spring we are prepared to furnish strong, well grown plants of Tomato, Cabbage, Egg Plant, Pepper, Celery and sweet Potato. These we grow in large quantities and can offer them at moderate prices.

*Write for prices.*

**HERBS.**

**Anise**—Used for garnishing and flavoring; the seeds have an agreeable aromatic taste. Pkt. 5¢, oz. 10¢.

**Sweet Basil**—The leaves are used for flavoring soups, stews, etc. Pkt. 5¢, oz. 10¢.

**Caraway**—Grown for the seeds, which are used for flavoring bread, etc. Pkt. 5¢, oz. 10¢.

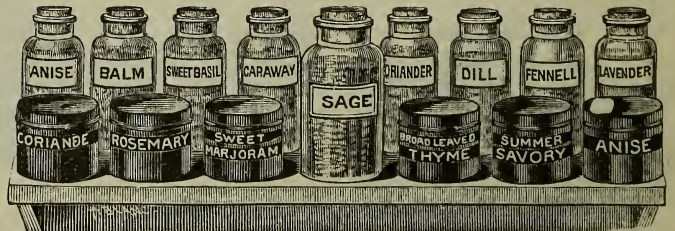
**Coriander**—Used for flavoring. Pkt. 5¢, oz. 10¢.

**Dill**—Stems and seeds used for flavoring and pickling with cucumbers. Pkt. 5¢, oz. 10¢.

**Sweet Fennel**—The leaves, boiled, are used in sauces and soups. Pkt. 5¢, oz. 10¢.

**Lavender**—Pkt. 5¢, oz. 20¢.

**Sweet Majoram**—The leaves and young shoots are used for flavoring, either green or dry. Pkt. 5¢, oz. 20¢.



**Sage**—Much used for flavoring and dressing. Pkt. 5¢, oz. 10¢.

**Summer Savory**—For flavoring soups, etc. Pkt. 5¢, oz. 10¢.

**Thyme**—Used for seasoning soups, sausages, etc. Pkt. 5¢, oz. 20¢.

# Superior Mixed Lawn Grass.

## HOW TO SECURE A GOOD LAWN.

The ground should be thoroughly drained, and if not naturally rich, fertilizers should be added before sowing. For this purpose the "Special Lawn Fertilizer" offered below is best. Four or five hundred pounds per acre is usually sufficient. For small plots, ten pounds to about four hundred square feet. Work the soil by plowing or spading until thoroughly pulverized, being careful to leave the entire surface as near alike as possible, that the grass may be even in its growth; finish by harrowing or raking until made fine, and finally level by use of heavy roller or plank. Seeding is best done very early in the Spring, but it may also be sown in the Fall. If done during the hot months of Summer, the ground must be kept moderately moist when sowing is made. With the ground prepared as directed, let the surface be gone over with a fine rake and the seed evenly scattered, after which carefully rake or brush the seed in and follow with the roller or plank. To secure best results use plenty of seed, four bushels per acre being about the right quantity. One pound is sufficient for three hundred square feet. Let the grass obtain a good start before cutting, say a height of three or four inches, as the growth is retarded by too early cutting. Price by mail, lb. 35¢. By express or freight, lb. 25¢, 100 lbs. \$15.00.

**Lawn Fertilizer**—It is a highly concentrated food for the grass. It is applied by sowing evenly over the lawn at the rate of about twenty-five pounds for each one



thousand square feet of lawn. It should be used early in the Spring and again during the Summer. The effect will be quickly noticeable by the increased vigor of the grass and by the rich, dark green color. Price per lb. 5¢, 50 lbs. \$1.25, 100 lbs. \$2.00.

# Northern Grown Seed Potatoes.

## CHOICE, SELECTED HAND SORTED STOCK.

Our Seed Potatoes are grown for us by an experienced grower, who has made this branch of successful farming a lifetime study. The stock we offer is especially grown for seed purpose, and all rough and prongy tubers are thrown out. Our potatoes are kept stored over Winter in the cold, equable climate of the North, where they can be kept solid and unspouted, ready to start into quick, vigorous growth when placed in the warm soil.



Our potatoes will arrive about the first week in March. All orders received before that time will be promptly acknowledged, and shipped as soon after the arrival of our stock as the weather will permit.

### NEW EXTRA EARLY POTATO.

**Bovee**—As early as the earliest, and at the same time a remarkably heavy cropper, having in competitive tests outyielded all other extra early sorts. Because of the short, stalky growth of the vine it can be planted much closer than most varieties, and will return a larger crop on the same ground than any other early variety. The potatoes grow close, all bunched up together in the hill, and make digging comparatively easy. When grown on good soil and highly cultivated this new sort will prove more than satisfactory. The potatoes are of a handsome, oval shape, eyes few and flat. So far it has proven itself entirely free from disease. Prices of Bovee, by mail, lb. 25¢, 3 lbs. 50¢; by freight, peck 50¢, bu. \$1.25, bbl. \$3.00, 2 bbls. \$5.50.

**Early Ohio**—*Choice Northern Stock*—This old favorite is still the leading early potato, but much of the stock has been grown so long and become so badly mixed with other varieties that almost all trace of the true Ohio is lost. Ours are the pure Ohio, carefully grown especially for seed in the famous potato country of the North and will yield crops that will surprise you. It pays to plant Northern seed potatoes; every progressive farmer knows this. The first cost may be a little greater, but the increased yield pays for the difference many times over. Price by mail, lb. 20¢, 3 lbs. 40¢; by freight, peck 40¢, bu. \$1.00; bbl. \$2.50, 2 bbls. \$4.75.

**Carman No. 3**—*The Great Main Crop Potato*—The handsomest large potato ever produced. Outyields any other potato. Practically every potato is of marketable size. This popular late potato is gaining ground every year. Many leading growers are planting this sort to the exclusion of all other varieties. It yields enormous crops of fine, smooth, white potatoes, and as a money maker for the farmer it stands in the front rank. By mail, lb. 20¢, 3 lbs. 50¢; by freight, peck 35¢, bu. \$1.00, bbl. \$2.75, 2 bbls. \$5.00.

When ordering potatoes always give plain shipping directions.

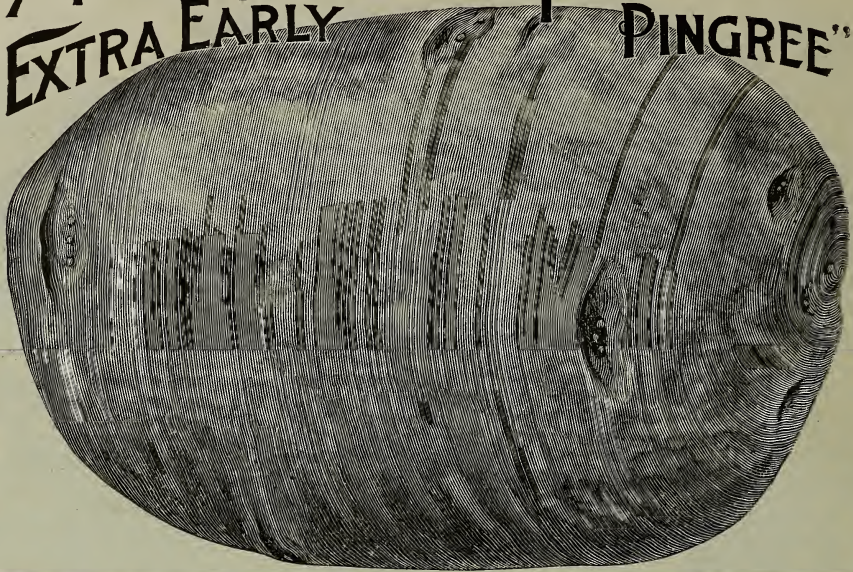
We can also offer the leading varieties of home grown potatoes at proportionate prices: **EARLY SIX WEEKS** and **EARLY OHIO**.

WRITE FOR PRICES.

## SEED POTATOES—Continued.

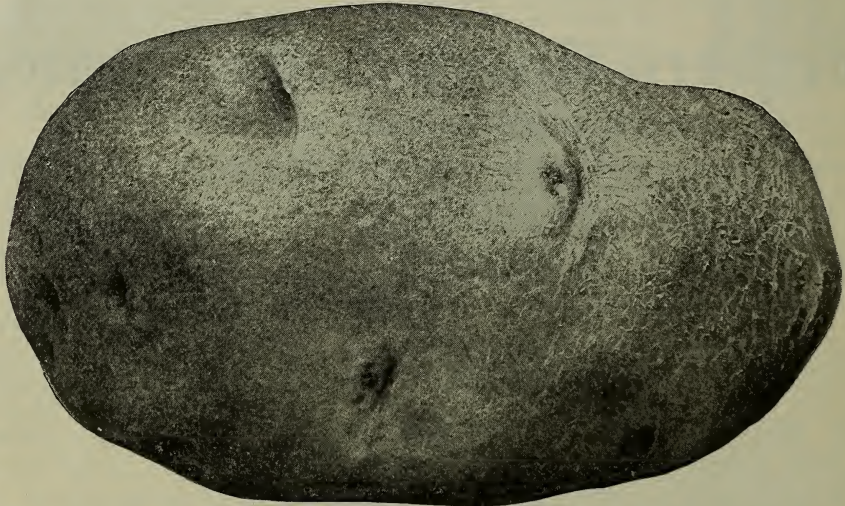
A FIRST CLASS  
EXTRA EARLY

"POTATO  
PINGREE"



**Pingree**—A new sort, introduced recently by Mr. L. L. Olds, the potato specialist of Wisconsin. He writes of it: "Our field notes for 1899 show that Potato Pingree was eight to ten days earlier than either Bovee or Early Michigan, and yielded twenty per cent more than those two varieties. This is recommenda-

tion enough surely. The Minnesota Experiment Station gives it a yield of 360 bushels per acre. Remember it is decidedly extra early; the earliest of its class that we know of, and all right otherwise." Price by mail, lb. 25¢, 3 lbs. 50¢; by freight, peck 50¢, bu. \$1.50, bbl. \$3.25, 2 bbls. \$6.00.



"Vigorosa." The Early Potato that will not Blight.

**Vigorosa**—The early potato that will not blight—A very handsome sort. It has a beautiful flesh colored skin, finely netted. It is smooth and regular in form, and its quality for either baking or boiling is just perfect. It is the potato that is pleasing everyone; nothing but praise on every hand. It is not as early as Pingree, but is early, and the best yielder of all earlies. It was introduced in 1897 by L. L. Olds, the originator of many excellent sorts, and was named "Vigorosa" because of its very strong, vigorous growth, and experience has shown that it fully justifies its name. While other

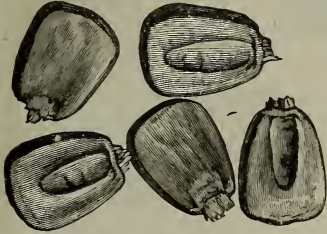
early varieties blight, Vigorosa keeps right on with its magnificent growth of large, spreading tops, and when it comes to harvesting time, the way the smooth, handsome potatoes roll out is enough to gladden every farmer's heart. In a test of nine varieties at the Ohio Experiment Station Carman No. 3 alone outyielded it, and that by only two bushels per acre. Altogether it seems to have no faults whatever, and will surely prove a great money maker among early potatoes. Price by mail, lb. 25¢, 3 lbs. 50¢; by freight, peck 40¢, bu. \$1.20, bbl. \$3.00, 2 bbls. \$5.50.

ALWAYS STATE WHETHER POTATOES ARE TO BE SHIPPED BY FREIGHT OR EXPRESS.

# SELECTED SEED CORN.

NORTHERN GROWN, WELL CURED AND TESTED.

**Minnesota King**—This is a yellow, half dent variety, and matures a crop in a remarkably short time. It is able to withstand extremes of heat and cold, drouth or excessive moisture, to a surprising extent. Taking one year with another, through good corn years and "off" corn years, we believe the Minnesota King will average a better crop in those sections where corn is subject to damage by hot winds, heat and drouth, than any other sort we know of. The variety is quite distinct, being half dent and half flint; the ear is of good size, eight-rowed, with kernels very broad and of a rich golden yellow color. Cob small. It will mature easily in ninety days and if planted reasonably early, the crop will be safely made before the season of hot winds. By mail, per lb. 20¢, 3 lbs. 50¢; by express or freight, peck 50¢, bu. \$1.25, 2 bu. \$2.40, 10 bu. \$10.00. Bags free.



*Golden Beauty Kernels.*

have ever seen. The ears are of perfect shape, as shown in the cut, which was made from a photograph of an average ear. The cob is so small and the grains so large and broad that a single grain will almost cover the end of the cob when broken in half. It is of a beautiful golden yellow color and of fine quality for grinding. It matures in about 110 days and yields big crops. We recommend the Golden Beauty as the handsomest and largest grained corn in cultivation, and is sure to please every farmer who grows it. By mail per lb. 20¢, 3 lbs. 50¢; by express or freight, per peck 50¢, bu. \$1.25, 2 bu. \$2.20, 10 bu. \$10.00. Bags free.

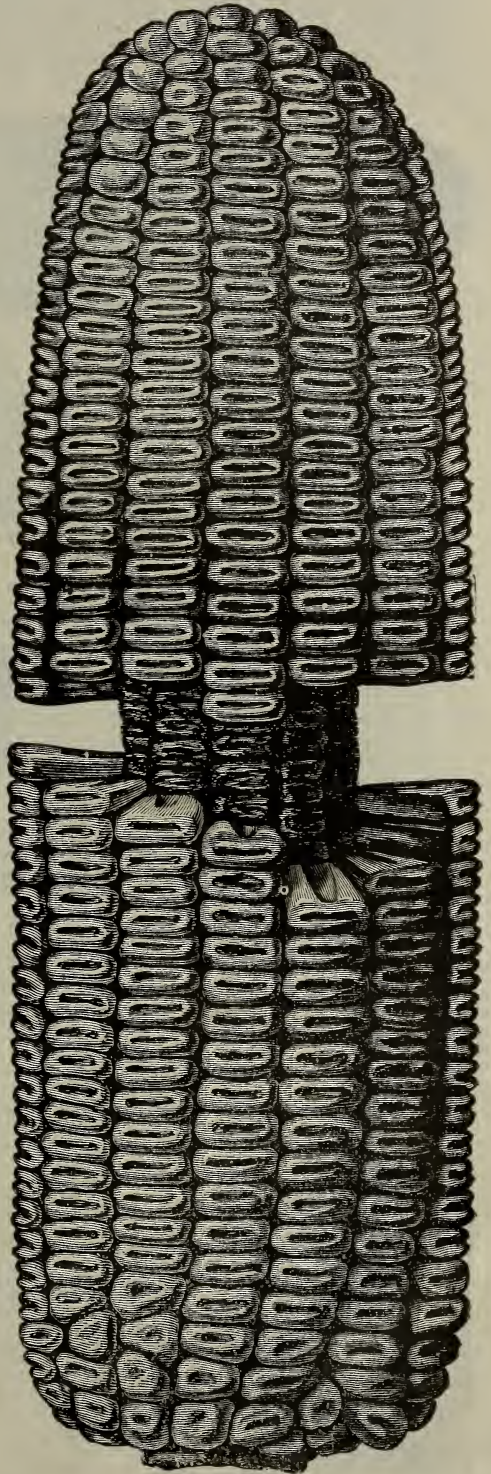
**Early Mastodon**—Since its introduction, more seed of this variety has been sold than any other sort ever introduced. This, in itself, is a great recommendation for the merit of the Mastodon Corn. It originated with C. S. Clark, of Huron County, Ohio, to meet a demand for a large eared, yet early corn. It has the longest grains and largest ears of any 100-day corn in cultivation. It is a remarkably strong grower and a surprising yielder. The originator claims for it, that it will outyield any corn in the world. A yield 223 bu. (shelled) on one acre is reported from Yates County, N. Y., and 171 bu. (shelled) from Pawnee County, Neb. The ears average from 9 to 11 inches in length and are of handsome shape, with 20 to 26 rows on the cob. The grain is very long and of two shades of white and yellow. By mail, per lb. 20¢, 3 lbs. 50¢; by freight or express, peck 40¢, bu. \$1.00, 2 bu. \$1.90, 10 bu. \$9.00.

**White Cap Yellow Dent**—This new corn was introduced by a professional corn grower several years since, who claims that "this new corn has more genuine merit, more fine and lasting points than any corn in cultivation. It combines more solid merit than the Leaming Corn, grows larger ears, is a better sheller and from a week to ten days earlier. On poor, thin soil, it will outyield the Leaming by at least 30 per cent. The tip ends of the grain are white, the inside a bright yellow, making it of beautiful color, both on cob and when shelled. Expert corn growers pronounce it a perfect field corn, as to yield, size of ears, color, size of cob and growth of fodder. It will grow more bushels on poor, thin land, than any other sort in the world. It stands the drouth better than sixty other varieties grown in the same county. It is sure to mature in from 85 to 96 days. It is a big yielder and sure to please all who give it a trial." By mail, 1 lb. 20¢, 3 lbs. 50¢; by express or freight, peck 40¢, bu. \$1.20, 2 bu. \$2.10, 10 bu. \$9.00. Bags free.

**Champion White Pearl**—Matures in 100 days. The ears are of good size, 16-rowed and very heavy. The grains are deep, closely set on the cob and pure white in color. The cob is small. It yields good crops, is of a superior quality for grinding into meal and will grade No. 1 in any market. By mail, 1 lb. 20¢, 3 lbs. 50¢; by express or freight, peck 40¢, bu. \$1.10, 2 bu. \$2.00, 10 bu. \$9.00. Bags free.

## **Golden Beauty**

For general planting in this section, we know of no corn that will give better satisfaction than the big, handsome Golden Beauty. It is the largest grained and finest corn in appearance we

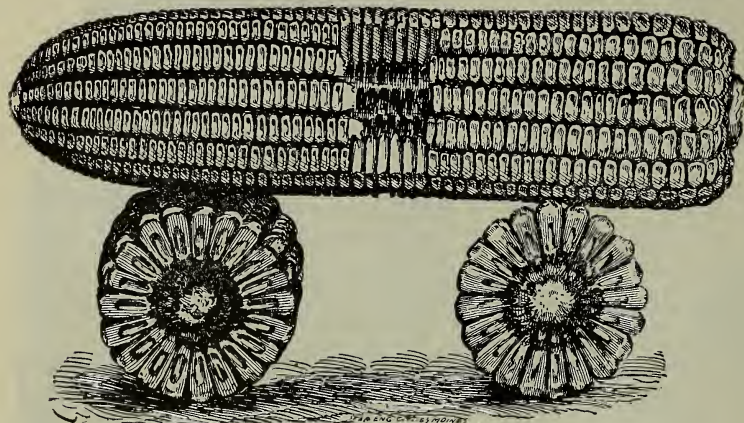


*Golden Beauty.*

## SELECTED SEED CORN.—Continued.

**Legal Tender**—A new, large, yellow corn, with handsome, heavy ears, deep grains and small cob. It matures in about 110 days and is a sure and heavy yielder. Its common yield is 75 to 100 bushels per acre. This corn was awarded the premiums at the Omaha Exposition a few years since, in competition with hundreds of other sorts. By mail, per lb. 20¢, 3 lbs. 50¢; by express or freight, peck 50¢, bu. \$1.25, 2 bu. \$2.20, 10 bu. \$10.00. Bags free.

**Iowa Gold Mine**—This corn, since its introduction a few years since, has attained wide popularity. It is early ripening, only a few days later than *Pride of the North*. The ears are of good size and shape and of a bright golden yellow color. The grain is very deep, the cob small. Seventy pounds of ear corn will make sixty pounds of shelled corn. By mail, per lb. 20¢, 3 lbs. 50¢; by express or freight, peck 40¢, bu. \$1.00, 2 bu. \$1.90, 10 bu. \$9.00. Bags free.

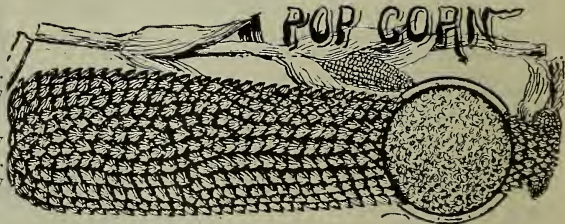


Iowa Gold Mine.

## POP CORN.

**White Rice**—The most popular sort, and the best. Ears by mail, 10¢ each; shelled, by mail, lb. 20¢; by freight or express, lb. 10¢.

**Queen's Golden**—A fine yellow sort. Pops perfectly white and very large. Immensely productive. Ears by mail, 10¢ each; shelled, by mail, lb. 20¢; by freight or express, lb. 10¢.

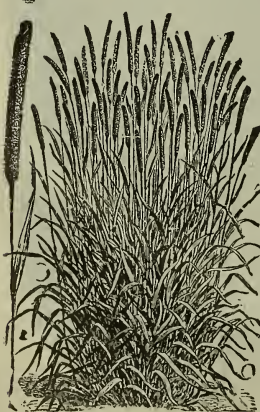


**Iowa Silver Mine**—A fine white corn, growing about seven or eight feet high. Every stalk bears a good ear—sometimes two and three. The ears are long and uniform, often ten to twelve inches in length, with usually eighteen rows of deep, pure white grain. The cob is small and well filled out at the end. It is a remarkably heavy cropper and is sure to please all who give it a trial. By mail, lb. 20¢, 3 lbs. 50¢; by express or freight, peck 50¢, bu. \$1.25, 2 bu. \$2.20, 10 bu. \$10.00. Bags free.

**Improved Leaming**—The ears are of good size and set low down on the stalk. Usually bears two good ears to the stalk. The cob is small, the grains deep and of a bright yellow color. Is strong and stocky in growth and matures very early, usually in about ninety days. By mail, lb. 20¢, 3 lbs. 50¢; by express or freight, peck 40¢, bu. \$1.00, 2 bu. \$1.80, 10 bu. \$8.50. Bags free.

## GENERAL LIST OF GRASSES AND CLOVERS.

On 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 will always send as much Seed as the money received will pay for.



Timothy.

**Timothy**—*Herd's Grass*—Starts late and grows rather slowly, flowering about four weeks after Red Clover. Sow 12 pounds per acre. Per lb. 10¢, bu. \$3.00.

**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¢.

**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.

**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. \$6.00.

**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. \$6.50.

**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 Tall Oat Grass it makes a permanent pasture of great grazing value. Sow six pounds per acre when used alone. Per lb. 20¢, bu. \$9.50.

**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. \$9.00.

WRITE FOR PRICES ON LARGER QUANTITIES.

If wanted by Mail add 8c. per pound for postage.

**GRASSES AND CLOVERS—Continued.**



*Orchard Grass.*

**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 used alone. Per lb. 15¢, bu. \$1.50.

**Meadow Fescue**—*Festuca Pratensis*—A valuable grass for permanent pastures; is very productive and nutritious. Per lb. 15¢, bu. (24 lbs.) \$2.40.

**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.

**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.

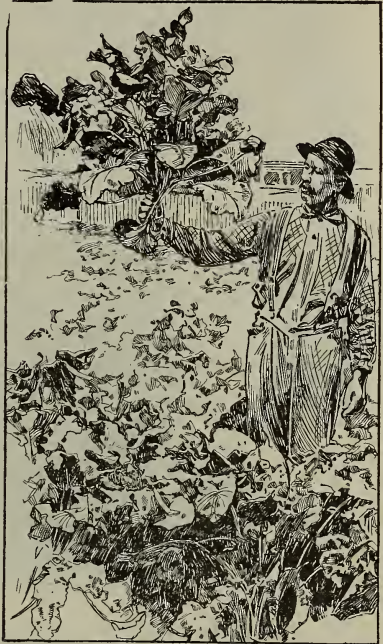
The QUANTITY of seed varies. If the crop is chiefly intended for seed raising, twelve pounds are often found sufficient, while, if a fine quality of hay is desired, sometimes as much as thirty pounds are sown; yet, twenty pounds represent nearly the quantity used by the generality of those who raise 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 \$1.60, bu. (60 lbs.) \$6.00.

**DWARF ESSEX RAPE.**

*The Great Pasture Plant for Sheep or Hog Pasture.*

The value of this plant as a pasture for sheep has long been recognized in England. It is only in recent years that it has been grown to any extent in this country. Its phenomenal success during the last years as shown by its increased sales in all sections of the country is convincing proof that it has come to stay, and as a rapid growing, succulent green food for cattle, sheep, or swine, has become a much a necessity with the progressive farmer as is clover. Under favorable conditions the crop is ready for feeding



*Dwarf Essex Rape.*

six weeks after sowing; and a good crop will yield twelve tons of green food per acre, which, in nutritive value, is nearly twice that of clover. As a pasture for sheep it stands pre-eminent, and is rapidly revolutionizing the sheep industry in this country. For early Summer grazing it should be sown about oat seeding time, and for late Summer and Fall feeding it may be sown in June, July and August. It may be sown alone for a full, early crop, or sown with oats, and when the oats are harvested it comes forward with great rapidity.

It is often sown on oat, wheat, or barley stubble without plowing and harrowed in with a light tooth harrow, in this way making an abundance of Fall feed. It is also extensively sown in corn, by scattering the seed ahead of the cultivator at time of last cultivation. The corn shades and protects the young plant during its early growth, and within six or eight weeks, lambs may be turned in for weaning, and makes a splendid Fall feed for sheep, cattle or swine when the corn is harvested. When sown broadcast, about five pounds of seed per acre is required.

**CAUTION.**—There are many different kinds of Rape, and great care must be exercised to get the true biennial Dwarf Essex, which is the only variety that will give satisfactory results. Ours is the true sort, imported by us direct from reliable growers in England. Do not be deceived by seed offered at lower prices, it may be costly in the end.

Price by mail, lb. 25¢; by express or freight, lb. 15¢, 10 lbs. 90¢, 100 lbs. at 8¢ per lb.

**AWNLESS BROME GRASS.**

*Stands excessive drought or extreme cold without injury.*



This extensively advertised grass was introduced from Russia. It is a vigorous, hardy perennial, with strong, creeping rootstalks; smooth, upright, leafy stems, one to four feet high and loose, open seed heads four to eight inches long. In a few years it forms a very tough sod, soon crowding out other grasses, clovers and weeds. Its remarkable drouth resisting qualities have proved it to be the most valuable grass for dry regions where other grasses could hardly exist. It is thoroughly permanent, and grows with wonderful rapidity, producing heavy crops and luxuriant pasture; its value to the farmers of dry regions cannot be overestimated. All kinds of stock eat it with relish, and chemical analysis shows that it is richer in flesh-forming ingredients than Timothy. It starts to grow very early in the Spring, before any of the grasses upon the native prairies show any signs of life, and remains green far into November. Cold will not kill it, it having been grown successfully as far north as Manitoba, in Canada. Without doubt, it is the grass for the dry regions of the West. Out of seven or eight hundred varieties tried at the Kansas Experiment Station this proved to be the best.

"The South Dakota Station has had, perhaps, the most extended and successful experience with Brome Grass, with the result that Professor Chilcott has been able to prepare the following practical directions for planting and subsequent care:

**SEED BED.**—Prepare the seed bed by plowing to a good depth, using land as free as possible from weeds. Harrow and fine thoroughly.

**SOWING.**—Sow the seed broadcast early in the Spring at the rate of 15 to 20 pounds per acre, and cover with the harrow. In case the ground is liable to blow, sow a thin nurse crop of about one-half bushel of barley or oats.

**AFTER CARE.**—In case the weeds grow vigorously or a nurse crop is used, mow once or twice in order to prevent smothering the tender plants and robbing them of moisture. If, however, no dry spell is present, the nurse crop can be cut for hay, but if a drought does come, mow without delay, and leave the crop to mulch the ground unless it be so heavy that it will smother the young grass.

These precautions are given to insure a stand. You must remember you are not trying to raise the nurse crop but to get a stand of this new and valuable grass, which will last you many years. Where the danger of blowing is not great, sow without a nurse crop. It is best not to pasture the first year. If the stand looks thin the first Fall, do not plow it up, but leave it a second year.

It will usually furnish a crop of seed and a crop of hay the second year. There is a ready sale for the seed at good prices, but it will be more valuable to you for seeding more ground."—*U. S. Dept. of Agriculture Bulletin.*

Price by mail, postpaid, lb. 30¢; by express or freight, lb. 25¢, 10 lbs. \$2.00, 25 lbs. or more at 16¢ per lb.

# Kaffir Corn.

Kaffir Corn belongs to the non-sacharine group of sorghums, and in its habit of growth is very similar to the common sorghum or cane. The plant is short jointed and leafy. It is the greatest dry weather resisting crop that can be grown in this section. When dry weather comes it does not die, but simply stops growing until rain does come, and then continues its growth. It will average a larger crop of grain than corn, and the fodder is much superior to corn fodder, as it remains green until after the seed is ripe. The grain is equal to corn for feeding, and all classes of stock eat it readily. Grinding is not necessary. A mixture of four-fifths Kaffir Corn and one-fifth Soy Beans is a perfect feed for hogs. At the Kansas Experiment Station a lot of hogs, fed on Kaffir Corn alone, made an average gain of 44 1-10th pounds per head in fifty days. When fed four-fifths Kaffir Corn and one-fifth Soy Beans they gained 86 6-10th pounds per head in fifty days.

For grain the seed should be planted in rows and cultivated like corn. This will require about five pounds per acre. For fodder one-half to two bushels should be sown, and the crop cut for hay when the seed is in the dough.



**Red Kaffir Corn**—Price by mail, lb. 15¢, 3 lbs. 40¢; by express or freight, 10 lbs. 25¢, 100 lbs. \$1.50.

**White Kaffir Corn**—Price same as Red.

# Soy Beans.

The Great Drought Resisting Plant.



*Soy Bean, also called Soja Bean and German Coffee Berry.*

This wonderful drought resisting forage plant was brought to this section some ten years ago from Japan. As a feed for live stock, whether grown for the hay or for the beans threshed to feed with some other grain like Indian Corn or Kaffir Corn, its value cannot be overestimated. As a fertilizer it is equal to clover. The beans may be planted after an early wheat crop and will yield a big crop of hay, or if the season is long a crop of beans may be harvested, besides increasing the fertility of the soil for the next crop. Any good corn soil will grow Soy Beans. The plant is not molested by insects of any kind, and heat and drought do not affect it. The yield of beans is from twenty to thirty bushels per acre. In feeding value they are richer than linseed meal. Experiments at the Kansas Experiment Station show that by adding one-fifth Soy Beans to corn or Kaffir Corn, when fed to hogs, a saving in feed of from thirteen to thirty-seven per cent was effected. When fed to milch cows, using three or four pounds of beans per day, along with other feed, the milk yield will be doubled. It is not necessary to grind the beans, they should be fed whole like corn. The plant makes a fine hog pasture, and as a green feed for milch cows it is unequalled. When grown for the beans, they should be drilled in rows and cultivated like corn, using about one-half bushel of seed per acre. For hay, they should be sown thickly, broadcast or in drills, at the rate of one and one-half bushels per acre. They should not be planted until after the ground has become warm—after corn planting time.

Price by mail, lb. 20¢, 3 lbs. 50¢; by freight or express, peck 75¢, bu. \$2.50.

# Southern Cow Peas.

Field peas are largely grown in the Southern States, both as a hay crop and as a fertilizer, in which respect they are of great value. The peas may be sown in corn at the time of last cultivation, or after a crop of early potatoes. They may be sown broadcast at the rate of one and one-half bushels per acre, or they can be planted in rows about three feet apart with a corn planter. This will require only one half bushel of seed per acre. The cow peas, by their rapid, rank growth, keep down weeds and put soil in good, friable condition for the next year's crop, increasing the fertility of the soil to a remarkable extent. The vines furnish an excellent green food for milch cows until frost, or they may be cut and cured for hay; or a very profitable way to dispose of the crop is to turn hogs into the field at the time that the first peas are ripening. They readily eat the foliage and well filled pods, and thrive amazingly. Or the entire crop may be plowed under as a green manure.

**Whip-Poor-Will**—An early variety and the favorite in this section. Peck 60¢, bu. \$2.00.

**Clay**—A rank and rapid grower, but later than the Whip-Poor-Will. Peck 60, bu. \$2.00.

# Millet.

Pure Round Seeded German Millet.

The farmer who grows millet for seed, should plant only pure seed. There is always a ready market for the pure German millet when it is often difficult to dispose of mixed or hybridized millet at any price. This millet will yield from 40 to 50 bushels of seed per acre, besides an enormous amount of good fodder.

It is very easily grown, requires little labor or expense in handling the crop, and matures a crop in such a short time that it is one of the surest and quickest money-making crops that can be grown.

We use great care to have our stock of this pure and unmixed, and must charge a higher price than for inferior, mixed seed.

Price per peck 30¢, bu. \$1.00.

**Common Millet**—Per peck 20¢, bu. 75¢.

Prices subject to market changes.



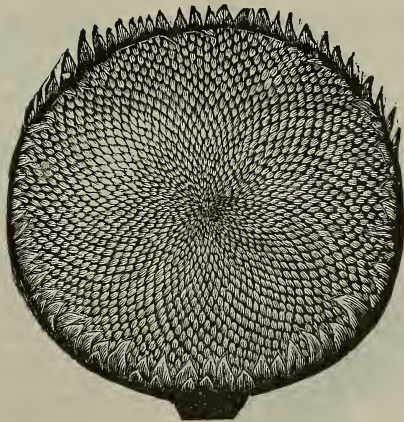
# Flax Seed.

This is a quick crop, being sown in April and harvested in July. There is always a ready market for the seed, and at prices that have ruled the past few years there are few crops that would bring better profits per acre.

Price, peck 60¢, bu. \$2.00.

Write for prices on larger lots.

# Sunflower.



*Mammoth Russian 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 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.) \$2.00.

## Sorghum Seeds.

Sorghum or Cane is now largely grown for stockfeeding. It yields heavy, and is sown extensively in dry sections where tame grasses do not readily grow. It is relished by horses, cattle and sheep. For fodder sow two bushels per acre.

**Cane Seed**—For sowing. Per bu, \$1.00.

**Early Amber**—Popular and well known. It is the earliest variety, rich in saccharine matter, and makes nice amber syrup and good sugar. Per bu, \$1.25.

**Early Orange**—Ten to fifteen days later than the Early Amber; a strong grower and produces more syrup; an excellent sugar plant. Per bu, \$1.25.

## Buckwheat.



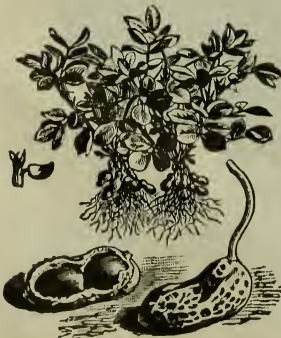
**Japanese**—Grows large and vigorous, matures early, and resists drought and blight remarkably well; the grain is very large and plump, being twice as large as the common sort, and yields much heavier. Peck 35¢, bu. \$1.00.

## 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 retains a good color. Peck 35¢, bu. \$1.00.

**Dwarf Broom Corn**—This variety grows only three or four feet high, and is much easier handled than the tall growing sorts. The brush is straight, smooth, and of good color. Peck 50¢, bu. \$1.50.

## 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 or four feet wide, and the hills two feet asunder; cover them two or three inches. The white variety is generally preferred.

Price by mail, lb. 25¢; by express or freight, lb. 15¢.

## Field Peas.

**Canada Field Peas**—For dairy cows and hogs are equal to corn, and six weeks earlier. They should be sown early in April with oats, using two bushels of oats and two bushels of the peas per acre. The peas should be sown first and plowed under to a depth of about four inches, then sow and harrow in the oats. They will be ready to cut in July. As a fertilizer they come next to clover, and will grow on land that will not produce clover. Peck 60¢, bu. \$2.00.

## Tree and Hedge Seeds.

**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 used 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. The 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. The proper time to sow is in April or May. Oz. 5¢, lb. 30¢, bu. \$6.00.

## POULTRY SUPPLIES.



### CRUSHED OYSTER SHELL.

All breeders of Poultry recognize the fact that a grit of some kind is a necessity. Even where the fowls range, strength and plumpness are gained by providing them with Crushed Oyster Shells.

The most frequent cause of HENS NOT LAYING is the absence in the food of CARBONATE OF LIME. As CRUSHED OYSTER SHELL is practically pure Carbonate of Lime, it supplies, when fed to Poultry, this most essential element, and greatly aids in the formation of the egg.

Stone lime, gravel, grits, in fact, nothing of a mineral character will equal CRUSHED OYSTER SHELL in beneficial results.

It acts as grit and prevents "cholera."

It keeps the poultry healthy.

It makes hens lay an egg per day.

It prevents soft shell eggs.

It makes the egg shell strong enough to carry without breaking.

It contains many essential components of the egg.

It makes eggs larger and heavier.

Price per 100-lb. bag, by freight, \$1.00; 50-lbs. 60¢; 5 lbs. 10¢.

### SELECTED POULTRY BONE.

Nothing will make hens lay like Fresh Cut Bone. When fed to hens the result will at once be noticed by the increased egg production.

Price 100-lb. bag \$2.50; 50 lbs. \$1.30; 1b. 3¢.

### MICA CRYSTAL GRIT.

Per 100-lb. bag \$1.25; 50 lbs. 70¢; 5 lbs. 10¢.

# COLLECTION OF CHOICE SEEDS

— OF —



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

## Ageratum.



Easily grown from seed, and bloom profusely during the summer; fine for borders and cut flowers.  
**Dwarf Imperial Blue.**—Pkt. 5¢.

## Alyssum. Sweet



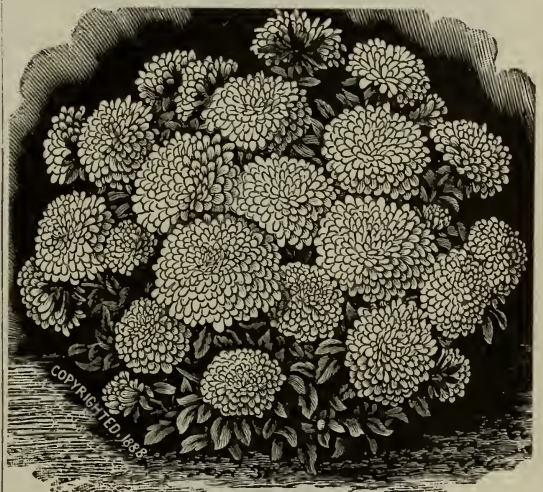
**Tom Thumb.**—Height six inches; covered during entire summer with hundreds of pure white flowers. Pkt. 5¢. ■  
**Little Gem.**—A fine dwarf sort. Pure white. Pkt. 5¢.

## Antirrhinum, or Snap Dragon.

One of our most showy and free blooming border plants. A bed of these beautiful flowers makes a grand display throughout the entire summer.

**Giant Flowered.**—Mixed. Pkt. 5¢.  
**Tom Thumb.**—Dwarf. Mixed. Pkt. 5¢.

## Asters.



### Victoria Aster.

**Paeony Flowered Perfection.**—A fine incurved variety, fine for cutting or bedding. Flowers of large size and magnificent form and colors. Pkt. 10¢.

**Victoria.**—This is perhaps the most showy of all Asters, bearing enormous flowers, very double and of handsome shape. Fine for bedding or cut flowers. Pkt. 10¢.

**Comet.**—The flowers of this beautiful class resemble a large Japanese Chrysanthemum, the petals being long and twisted, forming a large, loose, shaggy blossom. Pkt. 10¢.

**Crown Aster.**—A flat-petalled variety. The flowers are three inches across, and striking on account of their white center and broad, brilliant colored margins. Pkt. 10¢.



Crown Aster.

**Balsams. (Lady's Slipper).**



*Balsam. Pure White.*

**Improved Camelia, Flowered, White**—A very large, perfectly double pure white flower. Pkt. 5¢.

**Double, Mixed**—All colors and shades. Pkt. 5¢.

**Begonia Vernon.**

This free flowering bedding Begonia succeeds in any good garden soil and blooms the first year from seed sown early. The foliage is a deep red, making a fine contrast with the bright carmine blossoms. Pkt. 10¢.

**Browallia.**

**Giant Blue**—One of the most satisfactory of summer blooming plants out of doors or makes a fine pot plant for Winter-blooming. Pkt. 10¢.

**Calendula (Pot Marigold).**

Showy, free flowering annuals. Succeed everywhere, and bloom profusely until killed by frost.

**Meteor**—Large double yellow, striped with orange. 5¢.

**Double Sulphur**—Flowers very large and double. 5¢.

**Calliopsis.**

**Golden Wave**—Showy and beautiful, blooms all Summer. Fine for cutting. Large golden yellow flowers with brown centers. Pkt. 5¢.



**Canterbury Bells. (Giant Cup and Saucer).**

A fine variety, producing white and blue flowers, resembling a cup and saucer. Pkt. 5¢.

**Canary Bird Flower.**

A beautiful climber, with charming canary colored blossoms. Pkt. 5¢.

**Candytuft.**

Universally known and easy to grow.

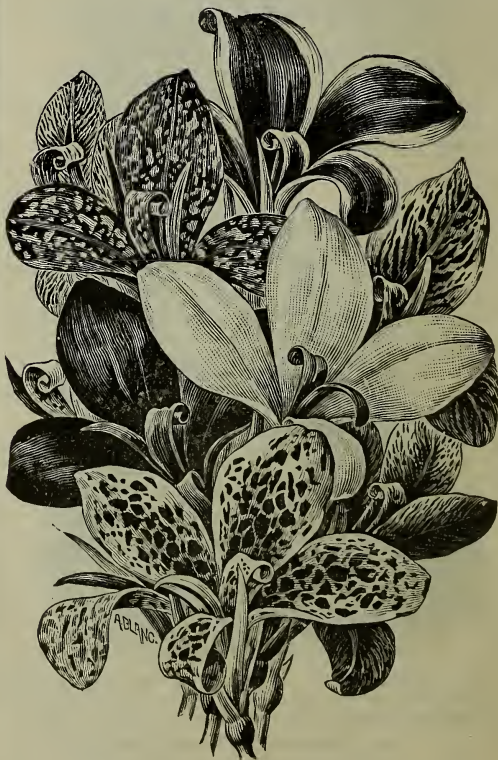


*Empress.*

**Empress**—Giant Hyacinth; flowered; pure white. Fine for cut flowers. Pkt. 10¢.

**Mixed Colors**—Pkt. 5¢.

**Canna.**



*French Canna.*

**New Large Flowering French**—The finest of all bedding plants; blooms freely the first year from seed sown early. Pkt. 5¢.

**Marguerite Carnations.**

These popular flowers are easily grown from seed; they begin blooming in a few months after sowing the seed. The large double flowers are sweet-scented and beautifully fringed.

Mixed Colors—Pkt. 10¢.

**Celosia, or Cockscomb.**

Free blooming annuals, of easy culture.

**Queen of the Dwarfs**—The finest of all; grows only eight inches high, with immense dark red combs. 10¢.

**Dwarf Mixed**—Pkt. 5¢.

**Triumph of the Exposition (Feathered)**—A fine sort from Paris; undoubtedly one of the grandest bedding plants in cultivation; grows two feet high; color brilliant crimson. Pkt. 10¢.

**Gold Feathered**—Similar to the above, but of a bright golden yellow color. Pkt. 10¢.



*Marguerite Carnation.*

**Cobea Scandens.**

A rapid climber that will cling to any rough surface; valuable for covering trellis, arbors, etc.; large bell-shaped purple flowers. Pkt. 10¢.



*Triumph of the Exposition.*

**Centaurea Cyannis (Bachelor's Button).**

Blue; a favorite everywhere; fine for cut flowers. 5¢.

**Cleome Pungens (Giant Spider Plant).**

This beautiful plant succeeds anywhere from seed sown in the open ground; it blooms profusely during the entire summer; grows to a height of three feet, and is never out of bloom until killed by frost. Pkt. 5¢.



*Centaurea Cyannis.*



*Cosmos.*

**Cosmos.**

These beautiful free-blooming plants should be in every garden. They form large bushes, which in the Autumn are literally covered with the large, single daisy-like blossoms. The colors are pure white, pink and red. Plant seed in the open ground early in the spring.

**Dwarf Early Flowering "Dawn"**—A beautiful white sort, coming into bloom in July and continues in flower until killed by frost. Pkt. 10¢.

**Giant Flowering Mixed**—Pkt. 5¢.

*Dahlia.***Chilian Glory Vine.**

A beautiful annual climber, which, when trained to a trellis or wall, makes an effective showing throughout the Summer. The bright, orange-colored flowers are borne in clusters. Pkt. 10¢.

*Cypress Vine.***Cypress Vine.**

A neat, rapid growing climber, with delicate, finely cut, fern-like leaves, and star-shaped, red and white blossoms. Mixed colors. Pkt. 5¢, oz. 30¢.

**Dahlias.**

**Large Flowering, Single**—The beautiful flowers are easily grown from seed, and bloom the first season. The plant makes a strong, compact bush, and the white, yellow and red blossoms are produced in great numbers. The bulbs may be stored over Winter in a cellar. Mixed colors. Pkt. 10¢.

**Double Daisy.**

Easily raised from seed sown in the Spring; bloom from April to June.

**Giant Mixed**—Colors red, pink and white. Pkt. 10¢.

**Dianthus, or Pinks.**

**Double**—Annual; mixed. Pkt. 5¢.

**China, or Indian Pinks**—Fine double; mixed. Pkt. 5¢.

**Double Imperial**—Variegated colors. Pkt. 5¢.

**Single Heddeewigi**—Large, single flowers; all colors. Pkt. 5¢.

**Queen of Holland**—Large, single, white flowers. The plants grow one foot high, and bloom profusely from early Summer until frost. Pkt. 10¢.

**Sweet Scented Clover.**

An attractive annual, with bright golden yellow leaves. Pkt. 5¢.

**Escholtzia, California Poppy.**

Profuse flowering plants, blooming from June until frost. Large, single flowers; mixed colors. Pkt. 5¢.

**Fox Glove. (Digitalis).**

An old-fashioned flower, of stately growth; highly ornamental; large, cup-shaped flower; height three feet. Pkt. 5¢.

*China or Indian Pink.***Four O'Clock.**

Well known annuals, of easy culture; mixed colors. 5¢.

**Feverfew. (Matricaria).**

Bushy annual garden plants, bearing clusters of perfectly double, white flowers; fine for cutting. Pkt. 10¢.

**Forget-Me-Not.**

Bright blue, star-shaped flowers; blooms the first year from seed if sown early. Pkt. 5¢.

**Early Flowering**—An extremely early sort; blooms in eight weeks from sowing; fine for pots or borders. Pkt. 10¢.



*Forget-Me-Not.*

**Gaillardia.**

Excellent plants for bedding; blooms the entire Summer; brilliant colors; two feet; new, double; mixed. 5¢.

**Globe Amaranth.**

An everlasting flower; also called Bachelor's Button; succeeds everywhere; mixed colors. Pkt. 5¢.

**Godetia.**

**Gloriosa**—A bed of these brilliant red flowers produces a brilliant effect. Pkt. 5¢.

**Grevillea Robusta. (Silk Oak).**

A beautiful and graceful plant, with finely cut foliage, resembling a fern; easily raised from seed. Pkt. 10¢.

**Gourds.**

Rapid growing climbers, bearing attractive and curious fruits of various shapes and colors; many of them are highly ornamental; mixed sorts. Pkt. 5¢.

**Heliotrope.**

**Lemoine's Giant**—A new race of this popular flower, with immense clusters of lavender, purple and white blooms. Pkt. 10¢.



*Heliotrope.*

**Hibiscus.**

**Manihot**—A new Japanese variety of rare beauty; plants reach a height of two feet from seed sown early in the Spring, and bloom profusely from August until frost. The large saucer-shaped flowers are of a creamy, white color. Pkt. 10¢.

**Hollyhock.**

**Allegheny**—The plants are hardy, and the flowers double as a rose and of many rich colors; remain a long time in bloom. Pkt. 10¢.

**Japanese Variegated Hop.**

A valuable new climber, of very rapid growth. The bright, green leaves are splashed and mottled with silvery white. It flourishes in the hottest weather, and is not molested by insects of any kind. Highly ornamental. We consider this one of the best climbers we have ever seen. Pkt. 10¢.



*Japanese Variegated Hop.*

**Larkspur.**

**Giant Hyacinth, Flowered**—Mixed colors. Pkt. 5¢.

**Lobelia.**

— Valuable for pots, hanging baskets, etc., or for borders and masses in the open ground.

**Crystal Palace**—The finest blue. Pkt. 5¢.

**Mesembryanthemum, Tri-Color**—Dwarf trailing plants of great beauty, blooming the whole Summer; height six inches; mixed. Pkt. 5¢.



**Marigold.**

**African**—Large yellow and orange colored flowers; mixed. Pkt. 5¢.

**French**—Of dwarf habit; flowers large and perfectly double; mixed. Pkt. 5¢.

**Mina Lobata. (Mexican Climber).**

A rapid and luxuriant Summer climber. The flowers are borne in clusters of ten to twenty, and are of a bright crimson color. Pkt. 10¢.

*Mina Lobata.***Mignonette.**

**Bismarck**—A fine variety for pot culture. Giant spikes of deliciously fragrant flowers. Pkt. 10¢.

**Grandiflora**—The common sort. Pkt. 5¢.

**Momordica. (Balsam Apple).**

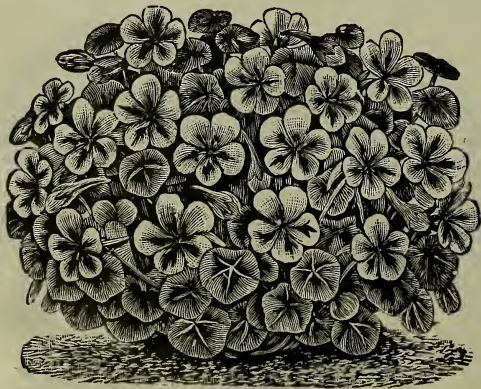
A good climber, with curious ornamental fruits. Pkt. 5¢.

**Morning Glories.**

**New Japanese**—A rapid climber, with large flowers of an endless variety of colors, markings and shades. They are of as easy culture as the old Morning Glory, and are worthy of a prominent place in every garden. All colors, mixed. Pkt. 5¢.

**Tall Climbing**—Mixed. Pkt. 5¢.

**Dwarf, or Bedding Morning Glory**—Height one foot: mixed. Pkt. 5¢.

*Nasturtium.***Moon Vine.**

This valuable climber surpasses all others in vigorous and rapid growth. It flowers only at night, or on dark, cloudy days. The blooms are six inches in diameter, and are borne in large numbers. Pkt. 5¢.

**Nicotiana Affinis.**

Tuberose, flowered, sweet-scented Tobacco. Pkt. 5¢.

**Nasturtiums.**

Next to Sweet Peas, these are unquestionably the most popular of Summer flowers. They are of very easy culture, and bloom freely the entire season.

**Tall Mixed**—Pkt. 5¢, oz. 20¢.

**Dwarf Mixed**—Pkt. 5¢, oz. 20¢.

**Pansies.**

**Fine Mixed**—A grand collection, including all shades and colors, striped and spotted. Pkt. 5¢.

**Giant Mixed, Superb Strain**—This collection contains only the very largest flowers, of most beautiful colors; mixed. Pkt. 10¢.

**Black Prince**—Rich, velvety black. Pkt. 5¢.

**Bright Purple**—Pkt. 5¢.

**Meteor**—Peculiar brown red; fine bedder. Pkt. 5¢.

**Emperor**—Dark purple, with red and golden yellow edge, marked with a bronze face. Pkt. 5¢.

**Golden Queen**—Beautiful golden yellow; very free blooming. Pkt. 5¢.

**Snow Queen**—Pure white. Pkt. 5¢.

**Petunia.**

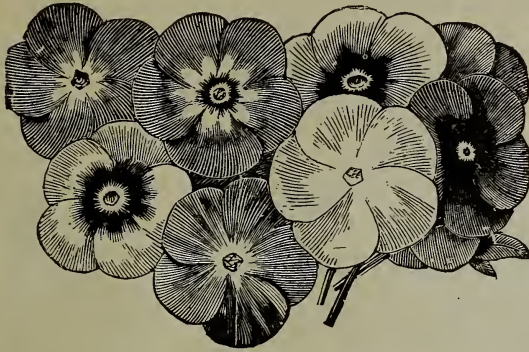
**Single Flowering, Mixed**—Very free blooming, and fine for bedding. Pkt. 5¢.

**Giants of California**—Mammoth, single flowers, with wide, yellow throats. Pkt. 20¢.

**Double Ruffled**—All colors and markings; beautifully fringed double flowers. Pkt. 20¢.

**Phlox Drummondii.**

**Grandiflora**—No flower can surpass the Phlox in brilliancy, or variety of color, or freedom of bloom. Mixed. Pkt. 10¢.  
**Dwarf**—Grows only six inches high; valuable for bedding. Pkt. 10¢.



*Phlox Drummondii.*

**Physalis Franchetti.**

**Giant Japanese Winter Cherry**—A very showy and attractive annual, of strong, branching habit, growing about two feet high. The branches are studded with large, bright red, cherry-like fruits, each enclosed in a large balloon-like calyx, which is at first green, but changes to a bright crimson. Pkt. 10¢.

**Portulaca.**

One of our best hardy annual plants, of easy culture. It delights in a sunny situation, and blooms continuously during the Summer. The flowers are of richest colors.

**Single Mixed**—Pkt. 5¢.  
**Double Mixed**—Pkt. 10¢.

**Poppies.**

**Shirley**—Single or semi-double, of rich and varied colors, from white to deep crimson; flowers large, and will last several days when cut. Pkt. 5¢.

**Tulip, Flowered**—A magnificent single flower; grows about fourteen inches high, and produces from fifty to sixty large, brilliant scarlet blossoms. Pkt. 5¢.

**Fairy Blush**—Large, white flowers, beautifully fringed and tipped with light pink; perfectly double. Pkt. 5¢.

**Cardinal**—Enormous double, glowing scarlet flowers. 5¢.

**Paeony Flowered Double White**—Pkt. 5¢.  
 One pkt. each of the above five varieties, 20¢.



*Shirley Poppy.*

**Ricinus Zanzibarensis.**

**Giant Castor Bean**—A giant ornamental plant, of remarkably rapid growth, reaching a height of twelve to sixteen feet in a single season. The giant leaves and the brilliantly colored stems produce a grand effect. Pkt. 10¢.

**Rose.**

**Dwarf Everblooming**—These beautiful small roses are easily grown from seed, and bloom the first season; excellent for pot culture or bedding out of doors. 15¢.

**Salvia.**

**Free Flowering Scarlet**—This we consider one of the best and most effective of Summer bedding plants. The plants are covered with the long spikes of intensely scarlet flowers from June until frost; height two feet. Pkt. 10¢.



*Dwarf Everblooming Rose.*

**Scabiosa.**

Summer plants suitable for the border, producing double flowers of great beauty and in a great variety of colors; fine for bouquets.

**Large Flowering Double Mixed**—Pkt. 5¢.

**Sunflower.**

**Double Chrysanthemum, Flowered**—Grows seven feet high, and blooms profusely all Summer. The bright golden yellow flowers are perfectly double, and so perfect in form that they resemble long stemmed double Chrysanthemums. Pkt. 10¢.

**Scarlet Flax.**

One of the most showy and effective bedding plants; color, bright scarlet. Pkt. 5¢.



*Salvia.*

## SWEET PEAS.

The seed should be sown as early in the Spring as the ground can be worked. As soon as the flowers have reached their full development they should be cut, as the plants will stop blooming if allowed to run to seed.

### The Best Dozen Varieties.

- Aurora**—Salmon and white stripe; blossoms large and one of the prettiest of the stripes.
- Black Knight**—Very deep maroon.
- Blanche Burpee**—A pure white, slightly hooded. Is more graceful and of better form than Emily Henderson. We consider this the best white.
- Countess of Radnor**—(New Countess) Lavender standard and light blue wings.
- Emily Eckford**—Rosy purple standard and bluish purple wings changing to almost blue when open a day. Quite distinct and very pretty. Blends nicely with Countess of Radnor.
- Extra Early Blanche Ferry**—Rose pink standard and white wings. It is two or three weeks earlier than the old Blanche Ferry, but in all other respects it is the same, and is still very popular, especially with florists.
- Lady Mary Curry**—Bright orange pink; very bright and showy, and the best of all this shade, of which there are eight.

- Lovely**—Deep rose at base of standard and wings, shading to pale pink and blush at edges. It is large and has a vigorous vine.
- Lottie Eckford**—White ground, shaded and edged with light blue and mauve. Is one of the prettiest.
- Mrs. Eckford**—Pale primrose yellow. The best of this shade and superior to Primrose in size and form.
- Navy Blue**—Bluish purple standard, navy blue wings; new and distinct, very blue and the best dark blue yet introduced.
- Prima Donna**—Light but bright blush pink. A very attractive and pretty shade of pink and one of the best of Sweet Peas.
- Royal Rose**—Standard deep rose shading with lighter pink; very light pink wings; very large blossoms, in fact, one of the very largest. Is a very pretty variety and is superior to Apple Blossom, which it resembles. Any of the above per pkt. 5¢, oz. 10¢.
- Best Large Flowering Mixed**—Prepared from a well studied and carefully arranged formula and contains sixty of the newer and very best varieties. Pkt. 5¢, oz. 10¢, 2 oz. 15¢, ¼ lb. 20¢, lb. 50¢.
- Cupid Sweet Peas**—This new and beautiful race grows only six inches high and makes a broad, compact bush. The flowers are fully as large as those of the tall sorts. For flower beds or for pots it is sure to become very popular.
- White Cupid**—Pkt. 5¢, oz. 10¢.
- Pink Cupid**—Pkt. 5¢, oz. 15¢.

One pkt. each of the above fifteen varieties for 50c.

### Stocks.

**Large Flowering Double Ten-Weeks-Stock**—  
Pkt 5¢.

### Sweet William.

All colors, mixed, pkt. 5¢.

### Sweet Sultan.

- Giant Marguerite**—Pure white. Excellent for cut flowers. Pkt. 10¢.
- Odorata**—Giant blue; sweet scented. Pkt. 10¢.
- Giant Yellow**—Pkt. 5¢.

### Violet.

**Large Blue**—Sweet scented. Pkt. 10¢.



Violet.



Verbena.

### Verbenas.

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

- New Mammoth**—Mixed colors. Pkt. 10¢.
- Defiance**—Intense bright scarlet. Pkt. 10¢.

### Vinca, or Perriwinkle.

A very satisfactory Summer blooming bedding plant. Large single flowers and glossy foliage.

- Pink**—Pkt. 5¢.
- White**—Pkt. 5¢.

### Zinnia.

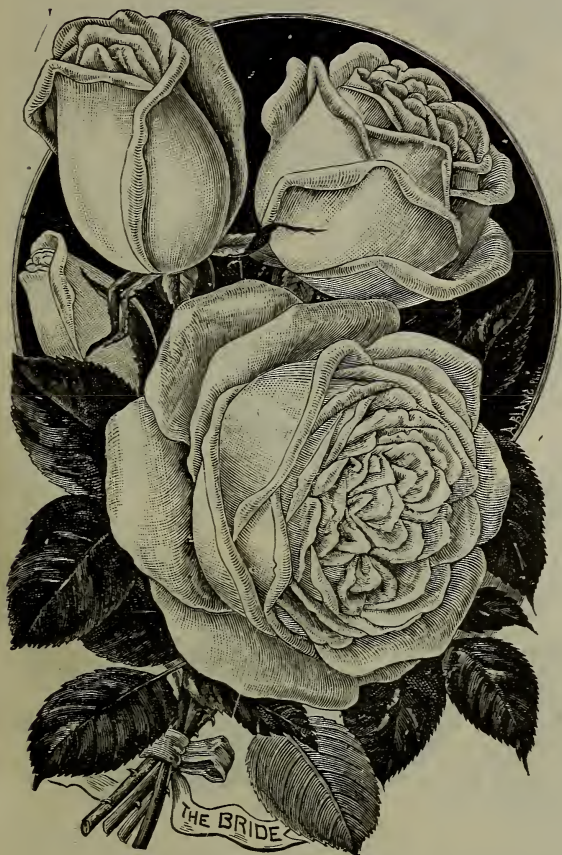
A very showy and brilliant annual, of easy culture. Stands the heat of Summer well, and succeeds in any common garden soil. Mixed colors. Pkt. 5¢.

### Zea.

**Japanese Variegated Corn**—A handsome foliage plant, resembling corn, with beautiful green and silvery white striped leaves. Pkt. 5¢.

# PLANT DEPARTMENT.

## 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 unequaled 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, and bloom early in the Summer, and when in rich soil soon cover any arbor or porch.

Owing to the increasing demand for two-year-old Roses, we now have a fine stock of large, strong plants. These are for immediate effect, and will give much better satisfaction than the small mailing plants, which are usually so small that they do not bloom until the end of the season, if they bloom at all.

We offer strong, well-grown two-year-old plants of the following varieties:

**Perles, Wootens, Hermosa, Pink Clothilda Soupert, White Soupert, Mermet, Bride, Meteor, Kaiserin Augusta Victoria; White, Pink and Striped La France.**

Each, 35¢ by express only.

### THE BEST DOZEN EVER-BLOOMING ROSES.

**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. It 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.

**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.

**Clothilda Soupert**—This novelty introduces a new and remarkable class of bedding 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.

**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.

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

**Golden Gate**—White, yellow and rose. A magnificent variety, with extra large, full, finely formed flowers: buds long and beautiful. The color is a rich, creamy white, delicately tinged with golden yellow, with petals tinted with clear rose, making altogether a rose of rarest and most indescribable beauty. Blooms freely and continuously.

**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 palest 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 Gontier**—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.

Each 10¢; \$1.00 per doz.

# ROSES.

## THE TWELVE BEST ROSES FOR OUT-DOOR BEDDING.

**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 would be sure to include it in the six. It is pearly white, sometimes tinted with fawn.

**Clothilde Soupert**—This is the most famous pot and bedding Rose (Polyantha Tea). Its charming coloring, shading from pearly white to purest rose, double blossoms, delightful fragrance, wonderful vigor and freedom of bloom combine to make it a most beautiful rose.

**New Yellow Soupert, Mosella**—A lovely new addition to the Soupert family, and has its free-flowering habit. The color is a white tint on beautiful light yellow ground. A great addition to our Summer Bedding Roses.

**Pink Soupert**—We find this bright pink Rose a very free-flowering variety, much resembling Hermosa, but more double. The habit of the plant is almost identical with C. Soupert.

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

**Etoile de Lyon**—One of the finest yellow Tea Roses for outside planting, and one of the hardest 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, a deep chrome yellow.

**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.

**Kaiserin Augusta Victoria**—Color, a soft, pearly white, fragrant; the perfectly shaped flowers are borne in profusion on long, graceful stems, rendering it valuable for cut flowers, so free blooming that every shoot is invariably crowned with a magnificent flower; much the finest of its class, and succeeds splendidly out of doors.

**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.

**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.

Price, each 10¢, per doz. \$1.00.

## THE TWELVE BEST 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.

**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.

**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 Levet**—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 habit, fragrance, etc., there is none better. Color, dark red.

**Madam C. Wood**—Hybrid—One of the best hybrids. Flowers large, well formed and of a deep, rosy crimson.

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

**Marshall P. Wilder**—Flowers very large, are perfectly double and of good substance; color, bright cherry red, shading to crimson. The plant is 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**—Deep, shining pink. Flowers often five inches in diameter, and the buds always develop fine, perfect Roses. It is a good, strong grower; almost thornless stems which often attain six to seven feet in one season.

Small Plants, each 10¢; doz. \$1.00. Strong Two-Year-Old Plants, each 25¢; doz. \$2.50; Large Plants, by express, only 35¢.

# 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, and perfectly hardy. Desirable for out-door culture.

**Cumberland Belle**—New Climbing Moss Rose—A 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. The original sport the first season attained a height of over fifteen feet and had one hundred and eighteen buds and flowers on it at one time. 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 50¢.

**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.

Except where noted, each 15¢.



*Cumberland Belle.*

## Hardy Climbing Roses.

**Crimson Rambler**—It has an enormously vigorous growth, throwing up shoots of eight to ten feet in one season; besides is perfectly hardy. Tied down to grow as a bush rose or trained as a climber it covers itself with 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. Great display can be made with them for mantel and table decorations.

**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, and borne in pyramidal clusters. Truly, a beautiful sight to behold.

**Pink Rambler**—Similar in habit to the White and yellow Ramblers, 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.

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

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

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

**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.

Each 15¢; per doz. \$1.00.

Strong two-year-old plants, by express, each 25¢; per doz. \$2.50.



FROM A PHOTOGRAPH  
OF PLANT  
SIX FEET HIGH  
TRAINED TO A STAKE.

*Crimson Rambler.*

## 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, bluish pink at tips, changing to white.

Each 15¢. The four varieties, 50¢.

## POLYANTHA ROSES.

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.

**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 light rose with touches of yellow, and passes to peachblow with silvery white shadings.

**Madam Cecil Brunner**—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 40¢.



*George Pernet.*

## ORNAMENTAL PLANTS.

**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**—A most beautiful novelty. Foliage marbled and blotched cream and yellow; bright purplish red flowers, with a rich metallic lustre. 15¢ each.

**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**—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.

10¢ each except where noted; \$1.00 per dozen.



*Abutilon. Souvenir de Bonn.*

**Araucaria Excelsa (Norfolk Island Pine).**

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

*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.

**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.

**Ornamental Asparagus.**

**Asparagus Sprengeri**—Perhaps the best known plant introduced in years. Especially useful to grow as a pot plant for decorative purposes or for planting in ferneries or suspended baskets. It grows freely the whole year around. As it withstands dry atmosphere it makes an excellent house plant. A vigorous grower, producing sprays four or five feet long of fresh, green, feathery foliage. Useful for bouquets, wreaths or sprays, remaining perfect for weeks after cutting. Strong plants, 20¢.

**Ageratum.**

**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, giving the flower a pretty variegated appearance. One of the most distinct bedding plants introduced for years. 10¢ each.

**Mexicanum Variegatum**—This is a decided novelty in Ageratum. Its foliage is distinctly variegated, which makes it very attractive and odd. It comprises all the blooming qualities of the old Ageratum. 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. 10¢ 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 Guttata**—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. 15¢ 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. 15¢ each.

**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. 15¢ each.

**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. 15¢ each.

**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¢ each.

*Ageratum, Princess Pauline.*



*Begonia. Gigantea Rosea.*

**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.

**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.

**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 dozen, except where noted.

**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 20¢ each.



*Begonia, Manicata Aurea.*



**Begonia Rex.**

A class of begonias grown for their foliage. Leaves 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.

## 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.*

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

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

**Lizzie McCowan**—This grand Carnation is a cross between Hinzie's White and Peter Henderson. A splendid grower, producing very large pure white flowers.

**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 vermillion; 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, larger than *Portia*.

**Wm. Scott**—Delicate light pink, finely fringed petals. 10¢ each, \$1.00 per doz.

## CANNAS.



President McKinley.

## Two Grand New Cannas.

**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. 25¢ 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. 25¢ each; the two new Cannas for 40¢.

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

**Florence Vaughn**—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 four and one-half 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.

**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.

**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.

**Victor Hugo**—Large, dark green foliage, edged with purple. Flowers very large, of a bright dazzling scarlet.

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

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

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

**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.

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

## Orchid-Flowered or Italian Cannas.

**Austria**—Pure canary yellow; fine large open flowers, with but few traces of reddish brown dots in the center of the two inside petals. 20¢ each.

**Italia**—Is of a bright orange-scarlet, with a very broad golden-yellow border; the flowers, which are produced on massive stems about sixteen inches long, are set well above the foliage; the foliage is large and heavy. 20¢ each.

Each of the above, 15¢, except where noted.

# 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.

**Glory of the Pacific**—A very fine new variety. The flowers are large, and borne on long, stiff stems. Color, a delicate pink.

**Ivory**—A splendid dwarf white of great substance and durability. Even the smallest plants produce large flowers.

**Lady Fitzwygram**—One of the very earliest of all white Chrysanthemums. The flowers are pure white, incurving and feathery. Of easy culture.

**Mrs. O. P. Bassett**—Early Yellow—One of the most valuable novelties of last year; what Robinson is among whites, its yellow sport, Mrs. Bassett, is among yellows. Every other early yellow will have to hustle out of the way when this grand sort comes in. Large and round, and a beautiful yellow, with elegant foliage. This variety is a boon to cut-flower growers. 15¢ each.

Except where noted, 10¢ each; \$1.00 per doz.

## Mid-Season Varieties.

**C. McCormack**—A beautiful red and gold variety. The foliage is very heavy, and of a rich, dark green color. The flowers are incurved; the under side is yellow and the upper side an attractive red.

**Eugene Dailledouze**—The grandest of all mid-season yellows. Enormous size, of gracefully incurved shape. Petals very broad and of good substance, fine for exhibition cut blooms, tall grower.

**Golden Wedding**—The grandest full large yellow. Flowers are of immense size, growing into almost a perfect ball. Very desirable.

**Geo. W. Childs**—Very large, full and double, flowers of deepest rich velvety crimson; dark green foliage; good grower.

**Harry L. Sunderbruch**—Bright yellow, extra large size; excellent for pots and cut flowers.

**John Collins**—Immense, large flat flowers of beautiful silvery bronze and ashes of roses color; very pretty and novel.

**Mrs. H. McTwombly**—Dwarf in habit, free flowering, stiff stems; color, white. Good for all purposes.

**Middle. Theresa Roy**—A grand white that cannot be too highly praised, as it gives general satisfaction.

**Mrs. W. P. Raynor**—Splendid for pots. A large, flat, white flower, slightly reflexing towards stem. A Japanese variety.

**Major Bonnefon**—Soft clear yellow, very full, globular shaped flower, six to seven inches across, crowded with fine incurved petals. This is an ideal Chrysanthemum in every respect; one that is sure to please, and a prize winner wherever exhibited.

**Nyanza**—Grandest of all the incurving red and gold varieties. The easiest doer in this color.

10¢ each; \$1.00 per doz.



## Late Varieties.

**Autumn Glory**—A tall growing variety, bearing immense flowers of a beautiful shade of salmon pink.

**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**—Late yellow. Very large and of good habit; free blooming. The flower is almost sphere-shaped; color, a beautiful yellow shading to bronze.

**Louis Boehmer**—A beautiful majenta pink; one of the well known Ostrich Plumes.

**Maud Dean**—Can not 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.

**Merry Christmas**—This grand, late white is a valuable addition to the list. It is pure in color, large in size, and very full. The outer petals are slightly reflexed, the center incurving.

Except where noted, 10¢ each, \$1.00 per dozen.

**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.**

**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.**

**Brilliant**—Bronzy crimson, dark veins and shadings, golden edges.

**Countess de Minnehoix**—Very large leaves, chocolate center, rippled edges; very fine.

**Hero**—Chocolate maroon, almost black.

**Harry Harold**—Purplish green border with pink center; an improved Crescent.

**Louise Christina**—Beautiful white and yellow center, laced edges; a grand variety.

**Flambeau**—Richly colored, exceedingly attractive. The leaves have a broad surface of rich velvety maroon on which is displayed a feathery bar of bright magenta, bordered by a narrow edge of olive.

**Golden Bedder**—A distinct variety, with bright golden yellow foliage.



*Coleus.*

**Mrs. Gedes**—Splendid foliage, eight to ten inches long variegated with carmine, pink and green.

**Mrs. Hunt**—Ground color, and center of leaf a bright crimson, with a deep chocolate border, edged with bright green and yellow.

**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 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¢.

# 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.

## 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¢.



Double Dahlias.

## 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 been brought together.

- Asia**—Of a delicate peach color; very distinct.  
**Cochineal**—Brilliant crimson.  
**Fire King**—Dazzling scarlet of compact habit.  
**Formosissima Picta**—Orange color, with bright scarlet stripes.  
**Henry Patrick**—A fine white variety, of large size.  
**Honorä**—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.  
**Nymphae**—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 Semler**—White, tipped with purple.  
**Dandy**—Crimson purple; small and pretty.  
**Dr. Schwebbs**—Fine, rich crimson scarlet.  
**Deutscher Turnergruss**—Crimson scarlet, edge white.  
**Grace**—Cerise, shaded violet.  
**Gem of Liliputs**—Dark scarlet.  
**Guiding Star**—One of the very finest whites.  
 15¢ each; complete set for 75¢.

## 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.

**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 fern for general use. It grows and thrives in most any situation.

**Pteris Serrulata**—Hardy, attractive and good for planting in shaded, moist locations.

**Pteris Argrea**—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 cutting purposes is unexcelled.

**Nephrolepis Bostoniensis**—Boston Fern—This new variety is without doubt the very best for vase planting or pot culture. It is a great improvement on the old Sword Fern. The leaves are long and graceful. Its easy culture and rapid growth makes it one of the most satisfactory of all house plants. 20¢ to \$1.50 each.

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

## 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¢.



Sword Fern.

## 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.



*Fuchsia Phenomenal.*

### Double.

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

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

**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. G. 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.

**Speciosa**—Bright crimson, sepals blush.

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.

**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 any one at first glance would think it purple.

**Director W. Schule**—Large, semi-double flowers of madder red.

**Firenzi**—Velvety red, rich and glossy. For a dark red it cannot be beat.

**Grand Chancellor Faidherbe**—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.

**Glorie de France**—Flowers large and double, rosy white, with dark 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.

**Mrs. Chas. 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.



*Geranium. Princess d'Anhalt.*

**Double—Continued.**

- S. A. Nutt**—Rich, dark crimson; trusses large and well formed.
- Villa de Blonday (F.)**—An 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 grower, flower a rich dark red; good bloomer.
- Black Prince**—Resembling above, but not as strong a grower; flower larger.
- Gracie**—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 a 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. Goddard**—Velvety purplish 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 strong 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. Livingstone**—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.
- Variegated Rose Scented**—A sport from the rose scented variety; leaves bordered with white, sometimes assuming a pinkish tinge; very showy. 15¢ each, except where noted.

**Geraniums with Variegated Foliage.**

- Corinne**—Clear, golden yellow foliage, flowers double, a 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; a 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. Seleri**—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, and 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 doz.

*Ivy-Leaf Geranium.***Double Ivy-Leaved Geraniums.**

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 Choisel**—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. It 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.
- St. Louis Red**—The only scarlet of a clear color; strong and good bloomer. 10¢ each; \$1.00 per doz.

**HELIOTROPES.**

Nothing can take the place of the Heliotrope in a bouquet, 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.
- Madam 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 doz., except where noted.

**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 petals stained deep crimson; an extra fine variety, making fine specimens.

**Double Sulphur**—Very prolific bloomer, flowers medium size.

**Lutea Plena**—Double orange, most distinct in appearance.

**Ruba 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; very odd.

15¢ each; \$1.50 per doz.

**HYDRANGEAS.**

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.

**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.

**IPOMEA NOCTIFLORA—Moon Flower.**

A free growing climber, suitable for covering arbors, verandas, decayed trees, etc. Flowers large, pure white, five inches in diameter. Very fragrant, and open at night and on cloudy days. 10¢ each; \$1.00 per doz.

**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.

**Delicatisima**—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.

**Innocence**—Dwarf, light sulphur, changing to pure white.

**Ignis**—Of compact growth; a brilliant fiery red, very free flowering.

10¢ each; 75¢ per doz.

**OTHAETE 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. 25¢ to 50¢ 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 Veitchii**—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. \$1.00 each.

**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-in. pots, each \$2.00; 6-in. pots, each \$2.50; 6-in. pots, extra strong plant, \$3.00.

**Kentia Belmoreana**—An exceptionally good hardy palm. 5-in. pots \$2.00; 6-in. pots \$2.50; 6-in. pots, extra strong plant, \$3.00.

**Kentia Fosteriana**—Resembles above, but of stronger growth, with broader, heavier foliage.

**Latania Borbonica**—Fan Leaf Palm—This popular variety is too well known to need any description. 5-in. pots, each \$2.00; 6-in. pots \$2.50; 6-in. pots, extra strong plant, \$3.00.

**PELARGONIUM.**

This class is better known as "Lady Washington Geraniums." 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 doz.

**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 doz.

**PETUNIAS, DOUBLE.**

*Double Petunia.*

Few plants have been 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 often continue 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.

**Invincible**—New fringed white, with purple center.  
10¢ each; \$1.00 per doz.

**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 doz.

**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¢ doz.

**SWAINSONIA GALEGIFOLIA ALBA.**

A native of Australia, of very graceful habit. The vines trained up on the side of a window or 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.

**SALVIAS. (Flowering Sage.)**

Very popular bedding plants, blooming from July until cut down by the frost.



*New Salvia.*

**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 a 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, New Salvia**—The first genuine novelty we have had in Salvia, the foliage being of a beautiful 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. 15¢.  
10¢ each, except where noted.

**TRADESCANTIA.**

The following varieties of Tradescantia, often called Wandering Jew, have beautifully 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 stripes.  
10¢ each.

**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 doz.

**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 doz.



*Verbena. Blue Belle.*

**VIOLETS.**

**THREE FINE NEW VARIETIES.**

**Admiral Avellan**—A French variety with distinct reddish purple flowers; entirely new from anything yet introduced. 15¢ each.

**California**—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 doz.

**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. 10¢ each.

**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>Impatiens Sultana</b> —One of the prettiest flowering plants.....	10¢	—
<b>Amaranthus</b> —Joseph's Coat—Three sorts....	5¢	.50	<b>Jasminum</b> —Grandiflorum—A valuable Winter blooming plant.....	15¢	—
<b>Balsam</b> —Mixed.....	5¢	.50	<b>Kenilworth Ivies</b> —A neat and delicate plant.....	10¢	—
<b>Cuphea Platycentra</b> —Segar Plant—and Hys-sopifolia.....	10¢	1.00	<b>Lemon Verbena</b> —Valued for its fragrant leaves.....	10¢	1.00
<b>Coxcombs</b> —All colors mixed, Ready May 1st.....	5¢	.50	<b>Manettia Vine</b> —Excellent climber.....	10¢	—
<b>Centaura Gymnocarpa</b> —Fine for hanging baskets.....	5¢	.50	<b>Mesembryanthemum</b> —Ice Plant.....	10¢	1.00
<b>Dianthus</b> —Summer Garden Pinks—All shades of color.....	5¢	.50	<b>Phlox Drummondii</b> —All colors.....	5¢	.50
<b>Hoya Carnosa</b> —Wax Plant—An excellent climbing plant.....	.25¢ to 50¢	each	<b>Poinsettia Pulcherrima</b> —A tropical plant....	15¢	—
			<b>Smilax</b> —Climber.....	10¢	1.00
			<b>Vincas</b> —Trailing sorts.....	10¢	1.00
			<b>Zinnias</b> —All colors mixed. Ready May 15.....	5¢	.50

For Novelties in Plants and Summer Flowering Bulbs, see front pages of this Catalogue.

# 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. 25¢ each, 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 doz.



**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.

**Henrie**—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 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 doz.

## 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¢.

**Dicentra 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.

## Paeonias.

Magnificent hardy plants, almost rivaling the rose in brilliancy of color and perfection of bloom. They thrive in almost any 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.

**Spirea**—Dwarf shrub, with white flowers, blooming throughout the season. 20¢ each.

**Snow Ball**—This shrub is well known; flowers in June. 25¢ each.

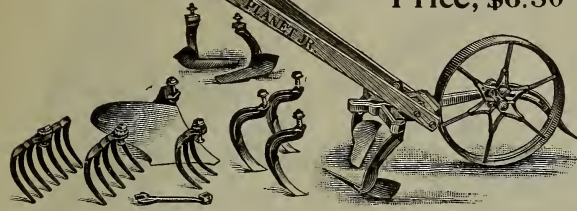
**Weigelia**—One of the most conspicuous shrubs; flowers pink, and the leaves indozined creamy white. 25¢ each.

SEED DRILLS, CULTIVATORS, ETC.

“PLANET JR.” No. 15

Single Wheel Hoe,  
Cultivator, Rake  
and Plow.

Price, \$6.50



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: two hoes, three cultivator teeth, two rakes, one plow. Price..... \$5.50

No. 18—The same implement with one pair hoes only. Price..... 3.25

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. SEE CUT.

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 \$9.50.

“PLANET JR.”

No. 2.

Drill only.

Price, \$7.00



The “PLANET JR.” No. 4

Combined Hill Dropping Seeder  
and Single Wheel Hoe

Price, complete, . . \$11.00  
as a drill only, 8.00



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.

“PLANET JR.” No. 12.

Double Wheel Hoe,

Cultivator and  
Plow.

Price, \$6.50



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 \$4.50.

Complete Catalogue of “Planet Jr.”  
Implements mailed free.

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 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. The handles can be easily adjusted.

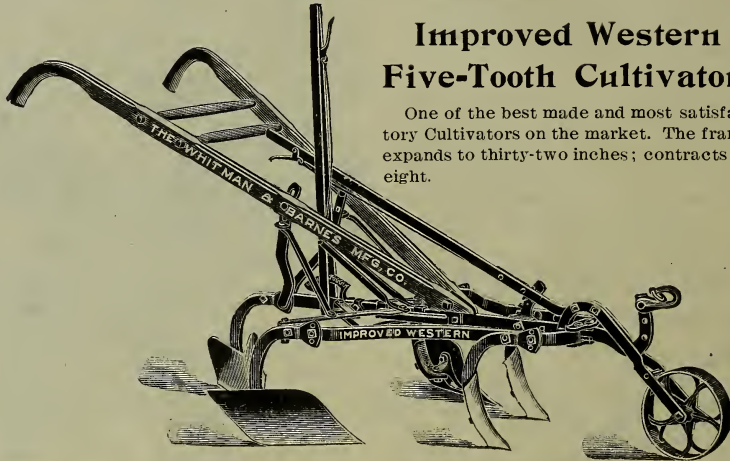


### "Diamond" Double Wheel Cultivator.

Price, complete,  
**\$6.00**

### "Diamond" Single Wheel Cultivator.

Complete with Hoeing and cultivating Attachments. Price..... **\$5.00**



### Improved Western Five-Tooth Cultivator.

One of the best made and most satisfactory Cultivators on the market. The frame expands to thirty-two inches; contracts to eight.

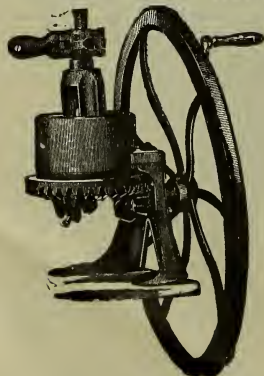
Without Wheel, WheelLever and Horse Hoe Attachments. **\$4.50** Price, complete..... **\$6.50**

### Mann's Popular Bone Cutters.

Nothing Will Make Hens Lay  
Like 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.



#### PRICE LIST.

	Weight.	Price.
No. 1 C.—(With Crank Handle).....	30	\$ 7.50
No. 1 B.—(With Balance Wheel).....	55	10.00
No. 1 B. M.—(With Balance Wheel, mounted on Iron Stand).....	80	13.00
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

# BROADCAST HAND SEEDERS

For Sowing all kinds of  
Clover and Grass Seeds,  
Wheat, Oats, Hemp,  
Rye, Etc.

## LITTLE GIANT SEED SOWERS.

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, 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. 1, Each \$1.25

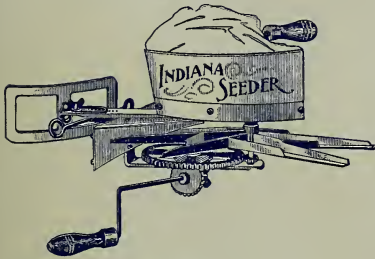


No. 3, Each \$1.75

**THE INDIANA SOWER**—The Cheapest Crank Seeder on the Market—It will sow Wheat or Rye 50 ft. at a round. Buckwheat 45 ft. Flax, Clover, Timothy and Millet 30 to 36 ft. It will sow Grass Seeds from 15 to 30 ft. Runs so easily and smoothly that the weight of the handle will run it. All steel, light and strong, each \$1.25.

**THE GRANGER**—Sows on an average six acres per hour at common walking gait. A high class Seeder that will do the work perfectly. Price, each \$2.50.

**IMPROVED SWITZERLAND SOWER**—A light, simple, durable, efficient and reasonable-priced apparatus that is always ready. Price, each \$1.00.



## SPRAYING PUMPS.

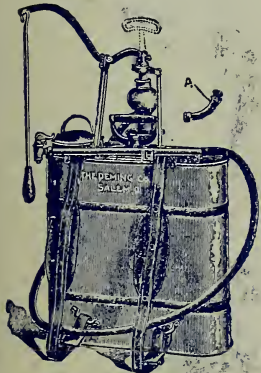
### DEMING BARREL SPRAY PUMP

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 furnish a wooden base upon which the pump rests, so that all 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—Pump only. Price \$6.50.

**Outfit A**—As above, with 12½ feet of ½-in. hose, Bordeaux nozzle and pole connection. Price \$9.00.

**Outfit B**—As above, with two 12½-ft. sections of ½-in. hose, Bordeaux nozzles and pole connection. Price \$12.50.



No. 675

### SUCCESS KNAPSACK SPRAYER.

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.

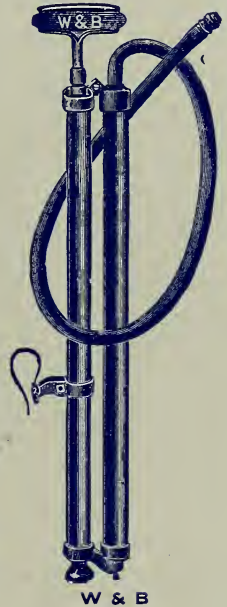
No. 675. Price \$12.00.

### 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.

### THE "W. & B." SPRAY PUMP.

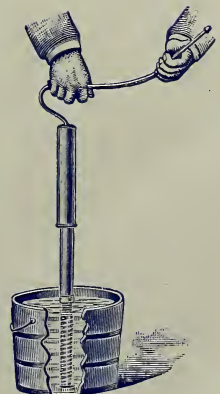
Is made of brass, and is therefore impervious to the action of acids and liquids, and will not rust nor corrode. Pump is placed directly in water or other liquid, insuring a perfect suction. The pump can be used for washing windows, buggies, etc., and for general spraying purposes. Price \$3.00.



W & B



No. 550



Crescent

# MANGELSDORF BROS. CO.



HOME PRINT ATCH. KS.

HOBERT Des.

## ATCHISON KAN.