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RETURN TO POMOLOGY

MAR 4 1916

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I. N. Kramer & Son

Seedsman and Florists



1916

CEDAR RAPIDS, IOWA

Cut Flower Department



We would call the attention of our patrons to our present facilities of furnishing seasonable choice cut flowers at all times. We also furnish and execute in the most modern and artistic manner all kinds of designs for table, house or church decorations for any desired purpose. With our large and varied stock of flowers, competent artists and long experience we confidently place our work in competition with the best in the land. All orders in-

trusted to us will be executed promptly in the latest styles and at reasonable prices. Prices vary according to size. The following is a partial list of those most used, larger sizes made to order:

- Anchors, Wreaths and Crosses, flat, \$3.00 to \$20.00 each.
- Anchors, Wreaths and Crosses, standing, \$5.00 to \$20.00 each.
- Harp and Lyres, standing, \$5.00 to \$20.00 each.
- Broken Columns, \$8.00 to \$25.00 each.
- Blanket or Casket Spread, \$15.00 to \$75.00.
- Cross and Crown, \$8.00 to \$15.00 each.
- Casket Sprays for covering casket, \$15.00 to \$75.00.
- Broken Wheel, \$6.00 to \$20.00 each.
- Floral Rope, fine for draping around casket, price \$1.25 per foot.
- Gates Ajar, \$10.00 to \$25.00.
- Gates Ajar with White Dove, \$15.00 to \$30.00 each.
- Sickles on Easel with Sheaf Wheat, \$5.00 to \$12.00 each.
- Sheaf Wheat tied with ribbons and flowers, \$2.00 to \$10.00 each.
- Sheaf Wheat, plain, \$1.00 to \$6.00.
- Cycas Palm Leaves, tied with ribbons and flowers \$7.00 and \$10.00 each.
- Baskets in all styles filled with choice flowers, 50c to \$10 each.
- Brides Bouquets, \$3.00 to \$10.00 each.
- Brides Shower Bouquet, \$5.00 to \$25.00.
- Hand Bouquets, 50c to \$5.00 each.
- Triangle, \$5.00 to \$10.00 each.
- Odd Fellows' Designs, \$6.00 to \$15.00 each.
- Stars and Hearts, \$2.50 to \$9.00 each.
- Pillows, \$5.00 to \$25.00 each.
- Pillows with White Dove, \$10.00 to \$25.00 each.
- Sickles, \$3.00 to \$6.00 each.
- Bouquets (Gents' Buttonhole), 5c to 25c each.
- Ladies' Corsage Bouquets, 50c to \$3.00 each.

CHOICE CUT FLOWERS

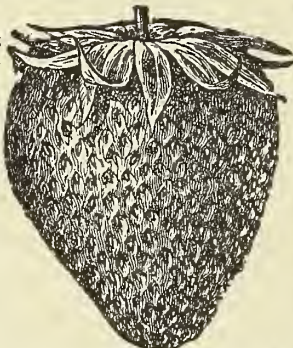
We have choice cut Roses and Carnations at all seasons of the year at market prices, which are subject to change without notice. Lilies, Hyacinths, Tulips, Narcissus, Daffodils, Chrysanthemums, Violets, etc., in their season.

Assorted boxes of loose flowers from 50 cents up to any price desired.

Notice—All flowers shipped by express unless otherwise ordered and at purchaser's expense. We do not recommend sending flowers by mail and will do so on orders only. If to go by prepaid express or by mail, postage or express charges must be added to cost of flowers, otherwise same will be deducted from amount received. Telephone and telegraph charges must be paid by sender. We pack all orders securely in best possible manner and deliver in good condition and on time to express company or postoffice, after which our responsibility ceases. **We will positively not be responsible for delays or injury in transit, as we have no control whatever over the express and railroad companies or the U. S. mail.**

Everbearing Strawberries

PROGRESSIVE—Entirely new and pronounced by all the best of the everbearing strawberries. It combines the qualities of a good spring as well as a summer and fall bearing variety and is a true everbearing in every sense of the word, bearing from spring till killed by frost in the fall. It resembles the Dunlap in plant habit of growth and hardiness. Fruit is of good medium size with slight neck. Color deep red inside and out, quite firm, quality rich and sweet. Very productive being so persistent in fruiting that a single plant often has as high as 50 to 150 blossoms, green fruit and ripe fruit on at one time. With a sufficient amount of moisture to keep the plants growing a liberal supply of fertilizer and good thorough cultivation throughout the season, the results will far surpass your most sanguine hopes. We know this from our own experience, in fact our last year's experience convinces us more than ever that the **PROGRESSIVE** is one of the best and most profitable strawberries known either for market or home use. Planted in April or May a good crop can be had the first season. Our planting last April produced a crop of berries at the rate of over 3,000 quarts per acre besides producing a heavy crop of the finest plants we ever grew. The best results however are obtained by the hill culture 8,000 to 15,000 quarts



per acre can be grown in this way the first season. Compare this to no crop the first season from the old spring bearing varieties. If you are a lover of strawberries, the finest of all small fruits, by all means plant the Progressive. A dozen or two plants will get you nicely started but owing to the greatly reduced price and to make it worth while our advice is plan at least 100 or if you are exceedingly fond of them plant 200, you can then have an abundance and still have some to give to your friends. For the home garden plant 15 to 20 inches apart in the row with rows 2 to 3 feet apart. For field culture plant 20 inches apart in the rows and rows 4 feet apart. For hill culture plant about 12 inches apart in the row with rows 2 feet apart, with this method do not allow runners to grow. Price, field grown plants, 60c per dozen; 25 for \$1.00; 50 for \$1.75; 100 for \$3.00 postpaid. By express, 50c per dozen; 25 for 90c; 50 for \$1.60; 100 for \$2.75. Pot plants ready about August 1st for fall planting, \$1.25 per dozen; 25 for \$2.00; 50 for \$3.75; 100 for \$7.00 postpaid; by express, \$1.00 per dozen; 25 for \$1.75; 50 for \$3.00; 100 for \$5.00. We do not have field grown plants in the fall. Special prices given on large quantities.

EVERBEARING STRAWBERRIES FROM SEED—Strawberries are easily grown from seed but do not always come true to name of variety from which seed is saved. However, the results obtained in watching the development of nature in producing so great a variety from the original is very interesting and highly instructive as well as profitable and will more than repay for the trifling expense and labor required. The seed offered is saved from the new Everbearing Strawberry, the Progressive. Try them. Price, pkt. 15c.

STRAWBERRIES

SENATOR DUNLAP—Considered the best and most satisfactory of the standard varieties. Price, postpaid 35c per dozen; by express 25c per dozen; \$1.00 per 100; \$5.00 per 1,000.

I. N. KRAMER & SON

No. 318 Third Avenue

Store—Telephone 265—Residence 418

Cedar Rapids, Iowa

If you are not interested in Seeds and Plants, kindly hand this Catalogue to your neighbor.

General List of Novelties and Leading Standard Varieties in Garden Seeds

All Quotation Subject to Change Without Notice

READ THIS.—For convenience we quote Peas, Beans and Sweet Corn by the pound only and give in the cultural directions the approximate number of pounds required to plant an acre.

At prices quoted we pay the postage or express on all vegetable and flower seeds regardless of quantity ordered. We, however, reserve the right to send either way as the size and nature of the order may demand.

If you wish to pay the transportation charges send list of seed wanted and we will make special quotations.

All our seeds have been tested to prove their vitality, and none are sold that are of poor germination. However, we do not guarantee or warrant seeds in any way, as failure of seeds to germinate and crops to mature may result from causes over which we have no control or that no human being can avert. If you are not satisfied or if not accepted on these terms seed must be returned within ten days after receipt and money will be refunded.

Terms cash. Make remittances by Money Order, Registered Letter, Bank Draft, or Express Order. One and two cent stamps accepted for less than \$1.00.

ASPARAGUS SEED

Culture—Sow in March or April, in rows 1 foot apart. When two years old transplant into permanent beds. Set the plants in rows from 2 to 4 feet apart and 15 to 20 inches in the row, and cover about 4 inches deep. On approach of winter cover with manure or straw. One ounce will sow 40 feet of drill.

BONVALLET'S GIANT—Very large early and productive. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

COLUMBIAN MAMMOTH WHITE—Large white or light green stalks. Lb. 75c; ¼ lb. 20c; oz. 10c; pkt. 5c.

PALMETTO—Very large, early and productive. Lb. 75c; ¼ lb. 20c; oz. 10c; pkt. 5c.

CONOVER'S COLOSSAL—Green, of large size. Lb. 75c; ¼ lb. 20c; oz. 10c; pkt. 5c.

ASPARAGUS ROOTS. See Vegetable Plants

BEANS

Bush or Snap. Green Sorts

Beans are very scarce and prices on all varieties are as follows except where otherwise given and include prepayment of postage or express by us.

Culture—About first of May sow in rows 2 inches deep and 18 inches to 2 feet apart; beans 3 inches apart. Sow every two weeks for a succession until September. One pound to 50 feet of drill; 90 lbs. per acre.

STRINGLESS GREEN POD—NEW—Round pod. Pkt. 10c; ¼ lb. 20c; ½ lb. 30c; lb. 40c.

DWARF HORTICULTURAL—Fine shell bean. Pkt. 10c; ¼ lb. 15c; ½ lb. 25c; lb. 40c; 3 lbs. or more 35c per lb.; 10 lbs. or more 30c per lb.

LARGE WHITE MARROW, OR MOUNTAIN—Large, clear white, oval. Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; lb. 30c; 3 lbs. or more 25c per lb.; 10 lbs. or more 20c per lb.

IMPROVED EARLIEST VALENTINE—Very early. Pkt. 10c; ¼ lb. 20c; ½ lb. 25c; lb. 35c; 3 lbs. or more 30c per lb.; 10 lbs. or more 25c per lb.

IMPORTED NAVY, OR BOSTON PEA BEAN—Early and prolific. Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; lb. 30c; 3 lbs. or more 25c per lb.; 10 lbs. or more 20c per lb.

NEW BEAN

TIPARY—A new white field bean, the most prolific variety in existence, resembles White Navy except that they are smaller and more flattened. They cook like navy beans, except they are thinner skinned, soak up quicker and swell more in cooking, also richer in flavor. They have great drought resisting qualities being especially recommended for dry soils and climate, also excellent for green manure in place of cow peas. Use 12 to 15 lbs. per acre. Try them. Pkt. 10c, ¼ lb. 20c; ½ lb. 30c, 1 lb. 50c.

WAX BEANS

WARDWELL'S KIDNEY WAX—Early, large flat pod. Pkt. 10c, ¼ lb. 20c; ½ lb. 30c; lb. 50c.

RUSTLESS GOLDEN WAX (CURRIES)—Said to be rust proof, fine quality, early. Pkt. 10c; ¼ lb. 20c; ½ lb. 30c; lb. 50c.

DWARF BLACK WAX—Very early. Pkt. 10c; ¼ lb. 20c; ½ lb. 30c; lb. 50c.

DWARF GOLDEN WAX—Very productive. Pkt. 10c; ¼ lb. 20c; ½ lb. 30c; lb. 50c.

CHALLENGE BLACK DWARF WAX—The earliest round pod. Pkt. 10c; ¼ lb. 20c; ½ lb. 30c; lb. 50c.

DAVIS WAX—Long and flat. Pkt. 10c; ¼ lb. 20c; ½ lb. 30c; lb. 50c.

BUSH LIMA BEANS

BURPEE'S BUSH LIMA—Large and flat but later than Dreer's. Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; lb. 35c; 3 lbs. or more 30c per lb.; 10 lbs. or over 25c per lb.

DREER'S (KUMERIE, or THORN-BURN'S) BUSH LIMA—Beans short and thick. Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 35c; 3 lbs. or more 30c per lb.; 10 lbs. or more 25c per lb.

POLE BEANS

Culture—After settled warm weather, set 4 to 8 foot poles in rows 4 feet apart, the poles being 3 feet apart in the row. Around each hill plant 5 to 8 beans 2 inches deep. When well started, thin to 4 plants and see that they all climb around the pole in the same way. One lb. to 75 hills. 24 to 30 lbs. per acre.

KENTUCKY WONDER, or OLD HOMESTEAD—Long flat fleshy pod. Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; lb. 35c; 3 lbs. or more 30c per lb.; 10 lbs. or more 25c per lb.

NEW EARLY GOLDEN CLUSTER WAX—Medium early, flat pods. Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; lb. 35c; 3 lbs. or more 30c per lb.; 10 lbs. or more 25c per lb.

"KING OF THE GARDEN" LIMA—Large, of high quality. Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; lb. 35c; 3 lbs. or more 30c per lb.; 10 lbs. or more 20c per lb.

HORTICULTURAL CHANBERRY—Medium long pods. Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; lb. 35c; 3 lbs. or more 30c per lb.; 10 lbs. or more 20c per lb.

DUTCH CASE KNIFE—Large podded, white seeded. Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; lb. 35c; 3 lbs. or more 30c per lb.; 10 lbs. or more 20c per lb.

SCARLET RUNNER—A favorite both as snap bean and for its flowers, which are bright scarlet; seeds broad and kidney-shaped. Pkt. 10c.

LAZY WIFE—Pods very broad, thick, fleshy and entirely stringless. Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; lb. 35c; 3 lbs. or more 30c per lb.; 10 lbs. or more 25c per lb.

BEETS

Culture—The soil should be rather light and thoroughly enriched with manure. Sow in spring as soon as the ground becomes fit, in rows about 4 foot apart and 1 inch deep. For main crop sow first week in May; for winter sow in June. Thin to 5 or 6 inches. One ounce to 50 feet of drill. Sow 5 lbs. per acre.

NEW BEET, "CHICAGO MARKET"—Early. Turnip shape, good size, blood-red throughout. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.50.

CROSBY'S EGYPTIAN—The Earliest Beet in the Market. Red, almost black. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.50.

DEWING'S EARLY BLOOD TURNIP—Excellent for summer and winter use. Lb. \$1.25; ¼ lb. 40c; oz. 15c; pkt. 5c.

EDMUND'S EARLY BLOOD TURNIP—Very sweet and tender. Lb. \$1.25; ¼ lb. 40c; oz. 15c; pkt. 5c.

DETROIT DARK RED TURNIP—Deep red. One of the best. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.50.

ECLIPSE—Early, globe-shaped. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

HALF LONG BLOOD—Best for winter use. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

LONG SMOOTH—

DETROIT DARK RED—A well known winter sort. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

MANGEL WURZELS AND SUGAR BEETS

Culture—Sow in rows 2 feet apart, 2 inches between seeds, thinning later to 12 to 15 inches. For stock feeding. Long varieties do best in deep soil; round sorts in sandy soil. Five or six pounds will sow an acre.

SUGAR BEETS

VILMORIN'S IMPERIAL WHITE SUGAR—An improved French variety. Lb. 50c; ¼ lb. 20c; oz. 5c.



LANE'S IMPROVED SUGAR—Very productive and sweet. Lb. 50c; ¼ lb. 20c; oz. 5c.

WANZLEBEN—One of the best, a heavy yielder. Oz. 5c; ¼ lb. 20c; lb. 50c.



MAMMOTH LONG RED

MANGEL WURZEL BEET

IMPROVED MAMMOTH—LONG RED—Enormously productive. Lb. 50c; ¼ lb. 20c; oz. 5c.

GOLDEN TANKARD—The best yellow mangel. Lb. 50c; ¼ lb. 20c; oz. 5c.

SWISS CHARD BEET, or SUMMER SPINACH—Used for greens. For description see page 6. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

BRUSSELS SPROUTS

Culture—The seed should be sown in April or May, and the plants cultivated like cabbage; the heads are improved by frost. An ounce will produce 2,000 plants.

This plant is allied to the cabbage, producing small heads from the sides of the stalk, which are in perfection for use in autumn after early frosts.

IMPROVED DWARF—A fine strain. ¼ lb. 60c; oz. 20c; pkt. 5c.

BROCCOLI (Sparzel Kohl)

Culture—Same as Cauliflower. Ounce will sow a bed 40 feet square.

This plant resembles Cauliflower, but is harder and of less delicate flavor.

PURPLE CAPE—The popular sort. Oz. 30c; pkt. 10c.

CABBAGE

Culture—Sow in hot-beds in February. Transplant in March or April about 20 inches apart, in rows 2 feet wide. For second early crop, sow seeds of early kinds in April and plant out in May. For a late crop, sow early in May and plant out in June the plants 2 and the rows 3 feet apart. One ounce will produce 1,000 to 2,000 plants.

KRAMER'S SELECT EARLY JERSEY WAKEFIELD—The best, very early, pointed heads. ¼ lb. \$1.25; oz. 35c; pkt. 10c.

EARLY JERSEY WAKEFIELD—Same as above except that it is not so carefully selected. ¼ lb. \$1.25; oz. 30c; pkt. 5c.

LARGE JERSEY WAKEFIELD—Larger and a trifle later than above sort. ¼ lb. \$1.00; oz. 30c; pkt. 5c.

EARLY SPRING CABBAGE—Very early, round flat heads. Pkt. 10c; oz. 30c; ¼ lb. \$1.00.

COPENHAGEN MARKET—Early round heads. Pkt. 10c; oz. 40c; ¼ lb. \$1.25.

HENDERSON'S EARLY SUMMER—Second early, flat heads. ¼ lb. 75c; oz. 30c; pkt. 5c.

HENDERSON'S SUCCESSION—About a week later than the Early Summer, but double the size. ¼ lb. \$1.00; oz. 30c; pkt. 5c.

EARLY FLAT DUTCH—¼ lb. 75c; oz. 25c; pkt. 5c.

ALL HEAD EARLY—Flat, second early. ¼ lb. \$1.00; oz. 30c; pkt. 5c.



SELECT EARLY JERSEY WAKEFIELD

THE HOUSER CABBAGE—Very late and one of the hardest heading. Pkt. 10c; oz. 40c.

KRAMER'S SELECTED PREMIUM FLAT DUTCH—Large flat heads, one of the best. ¼ lb. 85c; oz. 30c; pkt. 5c.

GLORY OF ENKUIZEN—Medium early, globe shaped. Pkt. 10c; oz. 30c; ¼ lb. \$1.00.

FOTTLER'S IMPROVED BRUNSWICK DRUMHEAD—Best Early Drumhead. Head large. ¼ lb. 75c; oz. 25c; pkt. 5c.

IMPROVED AMERICAN SAVOY—Best Savoy. ¼ lb. 75c; oz. 25c; pkt. 5c.

MAMMOTH ROCK RED—This is the best red cabbage. Pkt. 5c; oz. 30c; ¼ lb. \$1.00.

BURPEE'S SUREHEAD—Large, round, flattened heads. Pkt. 5c; oz. 30c; ¼ lb. 85c.

IMPROVED DANISH BALLHEAD CABBAGE—Round as a ball, of good size, solid and very fine grained. Pkt. 10c; oz. 30c; ¼ lb. 80c.

DUTCH WINTER, or HOLLANDER—It is the hardest heading, finest grained and best keeper of any cabbage known. ¼ lb. 80c; oz. 30c; pkt. 10c.

CABBAGE PLANTS

We grow these in large quantities and can furnish them at lowest rates. For prices see "Vegetable Plants."

USE SLUG SHOT for Cabbage Worms. It kills them. Post-paid. Lb. 20c; 5 lbs. 75c.

CAULIFLOWER

For Plants of Cauliflower see End Vegetable Seed List

Culture—For Spring and early Summer crop sow in March or early in April in hot-bed, transplant to cold frame when sufficiently

large, and to open ground as soon as danger of frost is over. For late crop sow at same time as for late Cabbage. One ounce of seed will produce 1,000 plants.

DANISH SNOWBALL CAULIFLOWER—The earliest and best equally good for late planting. Pkt. 20c; ¼ lb. 75c; oz. \$2.50.

HALF EARLY PARIS—Largest for forcing. Oz. 85c; pkt. 5c.

LARGE EARLY ERFURT—Good for second early and late. Oz. 75c; pkt. 5c.

ALGIERS—One of the largest and best for late use. Oz. 75c; pkt. 5c.



Danish Snowball Cauliflower

CARROTS

Culture—A well-enriched sandy loam is the best for this crop. Market-gardeners sow in rows about 18 inches apart. One ounce will sow 100 feet of drill. Four pounds per acre.

EARLY CHANTE-NAY—Early red, medium size stump rooted. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.50.

OX HEART, or GUERANDE—Stout stump rooted, good quality, early. Pkt. oz. 10c; ¼ lb. 40c; lb. \$1.25.

DANVER'S—Half long, best for general crop. Pkt. 5c; oz. 10c; ¼ lb. 40c; lb. \$1.25.

NANTES' EARLY HALF-LONG SCARLET—Very early. Pkt. 5c; oz. 10c; ¼ lb. 40c; lb. \$1.25.



Oxheart

STOCK CARROTS

IMPROVED LONG ORANGE—Late heavy yielder. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

LARGE WHITE BELGIAN—Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.

LARGE YELLOW BELGIAN—Like above, except in color. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.

SWEET CORN

Culture—Sugar Corn requires a good soil and a warm situation. Begin for first early by planting the early varieties about May 1, and for a continuous supply all summer make plantings about two weeks apart, from May 1 until late July, first planting early varieties, then later ones. Plant in rows 3 feet apart each way. One pound for 125 to 150 hills. About 12 pounds in hills for an acre.

EARLY IOWA—NEW—Small, very early, fine quality. Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; lb. 30c; 3 lbs. or more 25c per lb.; 10 lbs. or more 20c per lb.

MALAKOFF—Earliest real sweet corn in existence. Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; lb. 30c; 3 lbs. or more 25c per lb.; 10 lbs. or more 20c per lb.

PEEP O'DAY—Extremely early, but small. Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; lb. 30c; 3 lbs. or more 25c per lb.; 10 lbs. or more 20c per lb.

GOLDEN BANTAM—In our opinion this is the sweetest of all. Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; lb. 30c; 3 lbs. or more 25c per lb.; 10 lbs. or more 20c per lb.

NEW CORN

BANTAM EVERGREEN—The first successful cross between Golden Bantam and Stowell's Evergreen. It has the Bantam sweetness and is claimed by some to be even sweeter. In size it is almost as large as Evergreen Mid-season in maturing and considering size and quality is unexcelled for either home use or market. Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; lb. 30c.

MAMMOTH WHITE CORY—Very early, medium size. Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; lb. 30c; 3 lbs. or more 25c per lb.; 10 lbs. or more 20c per lb.

NEW EARLY CHAMPION—The largest early variety. Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; lb. 30c; 3 lbs. or more 25c per lb.; 10 lbs. or more 20c per lb.

PERRY'S HYBRID—There is no better second early. Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; lb. 30c; 3 lbs. or more 25c per lb.; 10 lbs. or more 20c per lb.

EARLY EVERGREEN—High quality, medium to late. Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; lb. 30c; 3 lbs. or more 25c per lb.; 10 lbs. or more 20c per lb.

COUNTRY GENTLEMAN—High quality, small deep grains. Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; lb. 30c; 3 lbs. or more 25c per lb.; 10 lbs. or more 20c per lb.



Mammoth White Cory

STOWELL'S EVERGREEN—The standard late sort. Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; lb. 30c; 3 lbs. or more 25c per lb.; 10 lbs. or more 20c per lb.

STOWELL'S EVERGREEN—Eastern grown. Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; lb. 30c; 3 lbs. or more 25c per lb.; 10 lbs. or more 20c per lb.

POP CORN

WHITE RICE—The most popular variety grown. Lb. 30c; ½ lb. 20c; pkt. 10c.

MAPLEDALE PROLIFIC—The most prolific variety grown. Quality fine. Lb. 30c; ½ lb. 20c; pkt. 10c.

NEW POP CORN

JAPANESE IMPERIAL HULLESS or Imperial White Rice. A new variety from Japan of superior quality. Can be planted 30 per cent closer than other varieties. Stalks 4 to 6 feet high producing 2 to 5 ears per stalk. Ears 2½ to 5 inches long and average 2 inches in diameter, same size at each end of ears. Kernels long and slim, about the same shape and size as Rice and is hullless with from 600 to 1,500 kernels to the ear. Very early and productive and pops as soon as in condition for gathering. Pkt. 10c; ¼ lb. 20c; ½ lb. 30c; lb. 50c.

CRESS, or PEPPER GRASS



Cress, or Pepper Grass

CURLED—Extensively used as a small salad; the leaves while young have a warm, pungent taste. Sow rather thick in shallow drills and at short intervals during the season. One ounce will plant 200 feet of row. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

WATER CRESS

Highly esteemed for table use. Can be grown in shady position, anywhere where there is a sufficient supply of fresh pure water. Oz. 40c; pkt. 10c; 3 for 25c.

CORN SALAD

This is a hardy winter salad, the small leaves being served like lettuce during the cool fall and early winter months. It is used also for garnishing meat dishes in the same manner as parsley and cress. It does not succeed during warm weather, and the seed should be sown thinly in drills during August, September and October to supply fresh leaves during the cool fall and winter months. It is quite hardy, and after cool weather sets in can be protected by a thin mulch of soft hay or straw. One ounce will plant 50 feet of row.

LARGE ROUND-LEAVED—Per pkt. 5c; oz. 10c; ¼ lb. 25c; per lb. 70c.

CHERVIL

DOUBLE CURLED—Lb. \$2.00; ¼ lb. 60c; oz. 20c; pkt. 5c.

CHICORY

LARGE ROOTED—Lb. \$1.50; ¼ lb. 40c; oz. 15c; pkt. 5c.

WITLOOF-CHICORY, or FRENCH ENDIVE—The principal use of Witloof now is as a winter salad and it is most delicious served with French dressing and eaten like Cos lettuce. The seed should be sown in the open ground not later than June, in drills 12 to 18 inches apart, using 1 oz. to 100 feet of row, thinning out the plants so that they will stand not closer than 3 inches. The plant forms long parsnip-shaped roots and these should be lifted in the fall, cutting off the leaves and then store in soil in a cool place until wanted for forcing. The roots should be planted in a trench 16 to 18 inches deep and placed upright about 1½ to 2 inches apart, which will allow the neck of the root to come within 9 inches of the level of the trench. The trench should be filled with a light soil, and if a quicker growth is desired, this can be accomplished by a mulch of fresh manure about 2 feet deep. It requires about one month to force the roots and the heads are cut off with a small portion of the neck of the root attached. Per pkt. 10c; oz. 40c; ¼ lb. \$1.50.



WITLOOF-CHICORY

CELERY



For Celery, Pepper and Tomato Plants, see End of Vegetable List

Culture—Sow in a finely prepared seed-bed, not over ¼ inch deep and keep the bed moist. Transplant to rows 3 to 5 feet apart and 6 to 8 inches apart in the row. After plants have grown to full size bank up with earth on each side of row. For winter use take up before severe freezing, trim off all outer leaves and plant close together in a trench or in cool cellar, keep roots

moist and tops dry. Good plants may be set out as late as middle of August. One ounce will produce 4,000 plants. One pound of seed producing sufficient plants for an acre.

NEW GIANT PASCAL—Very large, good keeper. ¼ lb. \$1.00; oz. 25c; pkt. 10c.

GOLDEN SELF BLANCHING—Dwarf, rich golden yellow. Oz. \$1.50; pkt. 10c.

WHITE PLUME—Dwarf, early, good quality. ¼ lb. \$1.00; oz. 30c; pkt. 5c.

DWARF GOLDEN HEART—The most popular variety of all. ¼ lb. \$1.00; oz. 30c; pkt. 5c.

GIANT GOLDEN HEART—Rich golden, large size, excellent quality. ¼ lb. \$1.00; oz. 30c; pkt. 10c.

CELERIAC

(Knollen Sellerie)

GIANT PRAGUE—The roots are almost globe-shape, very even and without rootlets, except on the under part. They are usually double the size of those of other varieties and the leaf stalks are stouter. ¼ lb. \$1.50; oz. 40c; pkt. 5c.



CELERIAC—GIANT PRAGUE

CUCUMBERS

Culture—An ounce will plant about 50 hills. Sow about first of May in turned-over sods or small pots, which can be bedded in the soil in the frames, and use little bottom heat. Transplant to open ground in 3 or 4 weeks, plants 3 to 4 feet apart each way, 4 strong plants to each hill. Two to three pounds per acre.



Improved Long Green Cucumber

IMPROVED LONG GREEN—Large, of superior quality. Lb. \$1.25; ¼ lb. 35c; oz. 10c; pkt. 5c.

KRAMER'S IMPROVED ARLINGTON WHITE SPINE—One of the earliest, extra quality and large. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

JAPANESE CLIMBING CUCUMBER—May be grown on fences, poles or trellises; fine for pickles or slicing. ¼ lb. \$1.00; oz. 25c; pkt. 10c.

EVERGREEN WHITE SPINE—Long dark green of finest quality. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

WESTERFIELD CHICAGO PICKLE—Fine for pickles; medium length, pointed at both ends. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

IMPROVED EARLY WHITE SPINE—Fine for slicing or pickles. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

GREEN PROLIFIC, or BOSTON PICKLING—The best small pickling variety. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

LEMON CUCUMBER—A novelty of a new and entirely distinct type. If you are fond of cucumbers, and want one that will almost melt in your mouth, try our Lemon. Nearly round in shape, exceedingly tender, crisp and sweet. Fine for pickling either ripe or green. Price per pkt. 10c; 3 pkts. 25c.



IMPROVED NEW YORK PLANT

EGG PLANT

Culture—Sow the seed in hothed about March 1, transplant to 4 inches apart, and when the plants grow thick, transplant to 8 inches apart. Set in the field about May 20th. One ounce produces about 1000 plants.

NEW YORK IMPORTED—The standard market variety. Oz. 40c; pkt. 10c.

ENDIVE

Culture—For early use, sow in May, in rows 10 inches apart.



ENDIVE.

GREEN CURLED WINTER—Fine for late use. ¼ lb. 50c; oz. 20c; pkt. 10c.

GOURDS

DISHCLOTH GOURD—This remarkable plant derives its name from the peculiar lining of its fruits, which is of a spongy, tough and durable texture, which renders it very valuable as a natural dishcloth. Pkt. 5c.

SUGAR TROUGH GOURD—They grow to hold 4 to 10 gallons each, have thick shells, very light but durable, having been kept in use as long as 10 years, and are useful as baskets, etc. Oz. 25c; ½ oz. 15c; pkt. 5c.

DIPPER GOURD—Valuable for household purposes. They make dippers of various sizes, which will last for years. If the vines are trained on trellises, the handles will grow straight, otherwise they curve. Pkt. 5c.

WHITE NEST EGG—Also called Japanese Nest Egg Gourd; resembles in color, shape and size the eggs of hens, and do not crack, and are not injured by cold or wet, and therefore make the best nest egg. Pkt. 10c; 3 for 25c.

GARLIC

The Garlic is the most pungent in taste and has the strongest odor of all the onion family. It is largely used in the south of Europe, where it is esteemed for flavoring soups, stews, etc. The root or bulb is composed of many small bulbs, called "cloves," which are planted in the spring. Bulbs, per pound, postpaid 30c.

HERBS. Varieties with a * are Perennial

	Pkt.		Pkt.
Anise	5	*Hyssop	5
*Balm	5	*Lavender	5
Bene	5	*Pennyroyal	10
Borage	5	*Rosemary	5
*Caraway	5	Rue	5
Catnip or Catment	5	Saffron	5
Coriander	5	Sage, oz. 15c	5
Chives	10	Summer Savory	5
Dill, pound \$1.25	5	Sweet Marjoram	5
*Fennel	5	*Thyme	5
*Henbane	5	Winter Savory	5
*Hop	10	*Wormwood	5
Horehound	5		

KALE, or BORECOLE

This is a popular boiling-green for fall, winter, and early spring use, resembling cabbage in flavor. The plant is entirely hardy in well-drained soil and can be grown easily from seed planted during the summer and fall months. The plants are usually cut off for use when the leaves are 6 inches or more in length, but with the fine curled varieties the leaves can be gathered for use when of good size.

DWARF GREEN CURLED—Very hardy; should be treated like spinach. ¼ lb. 40c; oz. 15c; pkt. 5c.

KOHLRABI, or TURNIP CABBAGE

Culture—Set plants 8 inches apart in rows. For later use, sow seed in rows and thin out. One ounce will sow a drill about 200 feet.

EARLY WHITE VIENNA—Flesh white and tender. ¼ lb. \$1.00; oz. 30c; pkt. 5c.
EARLY PURPLE VIENNA—An excellent sort, a little later than the white. ¼ lb. \$1.00; oz. 30c; pkt. 5c.



Kohlrabi

LEEK

Culture—Sow as early in spring as practicable, in rows a foot apart, and cover one-half inch deep. When 6 to 8 inches high, set 10 inches apart each way, as deep as possible. Ground can hardly be too rich. One ounce will sow 100 feet of drill.



Leek

LARGE MUSSELBURGH—Of enormous size, leaves large and broad. ¼ lb. 60c; oz. 25c; pkt. 5c.

LETTUCE

Culture—For early crop, seed outdoors in September or transplant to cold frames as soon as large enough to handle, and winter like early cabbage. Sow in a well protected frame in February, and in hot beds in March. For home use, sow in rows a foot apart in early spring; thin plants to a foot apart. One ounce will produce about 1,500 plants.

BIG BOSTON—Large heads; smooth leaves. Per pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

MAY KING LETTUCE (Novelty)—Fine solid heads, yellowish-green, tinged with brown. Pkt. 10c; ½ oz. 15c; oz. 25c.

BLACK SEEDED SIMPSON—Does not head. The most popular of all leaf varieties. ¼ lb. 40c; oz. 10c; pkt. 5c.

WHITE CABBAGE—A good summer head variety; of good size. ¼ lb. 40c; oz. 10c; pkt. 5c.

FERRY'S PRIZE HEAD—Leaves tinged brown. ¼ lb. 40c; oz. 10c; pkt. 5c.

WHITE SEEDED TENNIS BALL, or BOSTON MARKET—Early; small heads, smooth leaves. Lb. \$1.25; ¼ lb. 35c; oz. 10c; pkt. 5c.

IMPROVED HANSON—Large, firm heads, resembling a cabbage. ¼ lb. 40c; oz. 10c; pkt. 5c.

GRAND RAPIDS FORCING—Extra fine heavy leaf Lettuce. ¼ lb. 50c; oz. 15c; pkt. 5c.

WHITE COS—Head conical shaped. ¼ lb. 40c; oz. 10c; pkt. 5c.

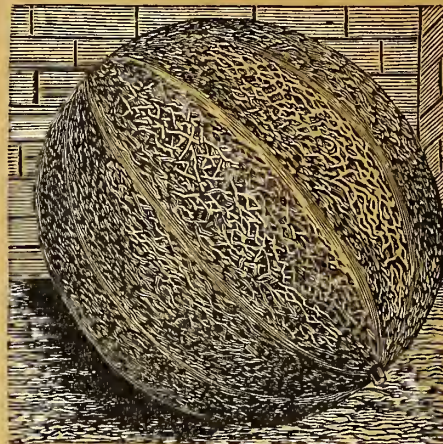


MUSK MELONS

Culture—The hills should be 3 to 6 feet apart each way, according to richness of soil. Mix well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant 8 to 10 seeds in each hill early in May; thin out to 3 or 4 plants to the hill. One ounce for 60 hills. Two and one-half pounds per acre.

NEW MUSK MELON, PAUL ROSE—About five inches in diameter, flesh very thick; deep salmon, sweet and melting. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.35.

ROCKY FORD, IMPROVED GEM—Small, well netted, green fleshed. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.



TIP TOP MUSK MELON—Yellow-fleshed, of the very highest quality. Lb. \$1.50; ¼ lb. 50c; oz. 15c; pkt. 5c.

EARLY HACK-ENSACK—Medium size, flesh light green. Lb. \$1.25; ¼ lb. 40c; oz. 10c; pkt. 5c.

CHICAGO MARKET—Globe shape, densely netted; flesh light green. Lb. \$1.50; ¼ lb. 40c; oz. 15c; pkt. 5c.

OSAGE MELON—Skin dark green, slightly netted; rich salmon. Oval, medium sized. Lb. \$1.50; ¼ lb. 40c; oz. 10c; pkt. 5c.

EARLY NUTMEG—Green fleshed, highly scented. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

NETTED GEM—One of the best. Lb. \$1.20; ¼ lb. 35c; oz. 10c; pkt. 5c.

MELON PEACH

This particular new vegetable grows on a vine like a melon. They also make splendid mangoes. For sweet pickles, pies or preserving, they have no equal. They are very early, hardy and productive. Pkt. 10c; 3 for 25c.

WATER MELONS

Culture—Select rich, deep sandy loam, well worked and highly manured. Plant when all danger of frost is over, in hills 5 to 6 feet apart each way. Scatter a dozen seeds to a hill, thin to 3 or 4 plants. When they have 4 or 5 rough leaves, pinch off the ends of the main shoots. One ounce to 30 hills. Four pounds per acre.



Cole's Early

HALBERT HONEY—Long, dark green, finest quality. Per pkt. 5c; oz. 15c; ¼ lb. 30c; lb. \$1.00.

TRUE ICE CREAM or PEERLESS—Medium early, medium size. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

McIVOR'S WONDERFUL SUGAR MELON—Oblong. Very large and sweet. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

TOM WATSON—Immense size, two feet long and one foot in diameter, and weigh 50 to 75 lbs. Rind dark green, thin but strong; flesh rich red and best quality. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

COLE'S EARLY—Small, round, striped, very early, best quality. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

SWEET HEART—Large, round, light green. Lb. 85c; ¼ lb. 25c; oz. 10c; pkt. 5c.

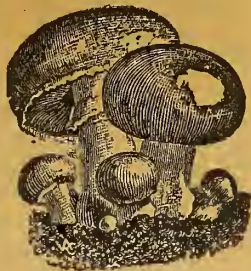
KLECKLEY'S SWEET—Large, oblong, dark green. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

COLORADO CITRON—¼ lb. 25c; oz. 10c; pkt. 5c.

WINTER WATER MELON—Round, light green, very sweet. Flesh red. Kept cool will keep as long as Hubbard squash. Pkt. 10c; ¼ oz. 15c; oz. 25c; ¼ lb. 60c; lb. \$2.00.



MUSTARD
WHITE—Best for salad and general use. Lb. 65c; ¼ lb. 20c; oz. 10c; pkt. 5c.
NEW CHINESE MUSTARD—Large leaves, used like spinach. Lb. 65c; ¼ lb. 20c; oz. 10c; pkt. 5c.



Mushrooms

MUSHROOMS
 One brick is sufficient to plant about 9 square feet. Price per brick, 35c; 5 bricks \$1.50, postpaid.
 Hints on Mushroom Culture by Dr. B. M. Dugger free with every order.

ONIONS

Culture—A crop of onions can be grown in any good soil, manuring for 2 years previously, if possible. Sow the seed in shallow drills, 1 foot apart, and thin to about 2 inches apart in the row. Cultivate frequently to keep down the weeds. Use 4 to 5 pounds of seeds to the acre.

YELLOW GLOBE DANVERS—The standard medium yellow. Lb. \$3.00; ¼ lb. 80c; oz. 25c; pkt. 5c.



PRIZETAKER, THE GENUINE—Enormous size, globe shaped, very mild. Lb. \$2.75; ¼ lb. 75c; oz. 25c; pkt. 5c.

WHITE QUEEN—Small, early, white; used for pickling. Lb. \$3.00; ¼ lb. 80c; oz. 25c; pkt. 5c.

SOUTHPORT WHITE GLOBE—Globe-shaped, good keeper. Lb. \$4.50; ¼ lb. \$1.25; oz. 35c; pkt. 10c.

RED WETHERSFIELD—The standard sort, large flat. Lb. \$3.00; ¼ lb. 80c; oz. 25c; pkt. 5c.

SOUTHPORT RED GLOBE—Fine quality, heavy yielder. Lb. \$3.00; ¼ lb. 80c; oz. 25c; pkt. 10c.

WHITE WELCH ONION—For Green Onion—This does not form a bulb but puts out shoots (see illustration). The plant is perennial and can remain in the ground for years with but slight protection. Sow either in the spring or fall. Pkt. 10c; ½ oz. 15c; oz. 25c.



White Welch Onion

ONION SETS

Prices are based on the present market rates and are subject to change according to the market without notice. Lowest market prices, however, will be given on application at any time. At bushel, peck and half peck prices, the buyer pays the express or freight; at pint and quart prices, we pay the postage.

WHITE MULTIPLIER—Very early, often producing as many as twenty bulbs in a single cluster from a bulb planted; used for green onions or for pickling. Pt. 20c; qt. 35c.

YELLOW BOTTOM SETS—Pt. 20c; qt. 35c.

EGYPTIAN, or PERENNIAL ONIONS—This variety never forms a large bulb; their value lies wholly in their special adaptability for producing green onions for spring or fall use, especially the former. Perfectly hardy. Top set, pt. 20c; qt. 35c.



Okra, or Gumbo

OKRA, or GUMBO

Used for soups. Sow in May in shallow drill, thin out to 1 foot apart in the row. The plants generally grow 3 to 4 feet in height and produce the edible pods at each leaf-joint on the stalk. The pods should be gathered while young and tender and before any of the woody fiber appears. Okra pods should be cut from the plants as soon as they are large enough for use, and if there is any surplus the pods can be

dried for winter use, threading them on strings and hanging them up in a cool place to dry. One ounce will plant 100 feet of row.

WHITE VELVET—Lb. 60c; ¼ lb. 20c; oz. 10c; pkt. 5c.

PEPPER

Culture—Sow in hot bed in April, and in warm, settled weather transplant outdoors 18 inches apart in rows 3 feet apart, or when all danger of frost is past, sow in the open ground and thin. One ounce will produce about 1,500 plants.

MAGNUM DULCE—The largest, very mild and sweet. Pkt. 10c; ½ oz. 30c; oz. 50c.

LARGE BELL, or BULL NOSE—Medium size, early red mango. ¼ lb. 90c; oz. 25c; pkt. 5c.

SWEET MOUNTAIN, or MAMMOTH—Similar to the Bull Nose, but larger and milder. ¼ lb. 90c; oz. 25c; pkt. 5c.

RUBY KING—Large and productive. ¼ lb. 90c; oz. 25c; pkt. 5c.

CAYENNE LONG RED—Pungent. ¼ lb. 90c; oz. 25c; pkt. 5c.

CELESTIAL—Creamy white, changing to scarlet. Oz. 25c; ½ oz. 15c; pkt. 5c.

RED CHILI—Small, bright red peppers. Oz. 30c; pkt. 5c.



PARSLEY

Culture—Soak seeds in water 24 hours before planting. Sow early, in rows 1 foot apart, cover half an inch deep; thin to 3 or 4 inches apart, or transplant and cut back frequently. 1 ounce to 100 feet of drill. 5 pounds per acre.

DOUBLE CURLED—Lb. \$1.00; ¼ lb. 35c; oz. 10c; pkt. 5c.

CHAMPION MOSS CURLED—Extra fine. Lb. \$1.00; ¼ lb. 35c; oz. 10c; pkt. 5c.

HAMBURG ROOTED—Also called German Parsley. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.



Parsley

PARSNIPS

Culture—Sow early in spring, in drills 15 inches apart and ½ an inch deep, in a rich soil; thin out to 6 inches apart in the rows. One ounce will sow 200 feet of drill.

HOLLOW CROWN, or LONG SMOOTH—Large, long, heavy croper. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

IMPROVED GUERNSEY—Shorter but thicker than Hollow Crown. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.



Spanish Peanut

PEANUTS

Culture—Sow in May in light soil in drills 3 feet apart placing the nuts 6 to 8 inches apart.

SPANISH—Are small but very early and productive. Pkt. 10c, ½ lb. 25c, lb. 45c.

MAMMOTH VIRGINIA—Larger and later than the above. Pkt. 10c; ½ lb. 25c; lb. 45c.



Parsnip

PEAS

Culture—For market, sow in single rows 1 inch apart and 2 to 3 inches deep, rows from 2 to 4 feet apart. In garden, sow in double rows 6 to 8 inches apart. Begin sowing extra-early varieties as soon as the ground can be worked in March; for a succession, every 2 weeks until June. One pound to 50 feet of drill. 90 to 120 pounds per acre.

Price of all varieties—Pkt. 10c; ¼ lb. 15c; ½ lb. 20c; lb. 30c; 3 lbs. or more 25c per lb.; 10 lbs. or more 20c per lb.

NOTT'S EXCELSIOR—The standard dwarf early wrinkled peas, best quality.

30 in. **ALASKA**—Best extreme early smooth pea.

At quoted prices we pay postage or express on Flower and Vegetable Seeds regardless of quantity ordered.

9 in. **BLISS' AMERICAN WONDER**—Very dwarf, early, high quality.

10 in. **EXTRA EARLY PREMIUM GEM**—Very dwarf and prolific.

Second Early Sorts

HORSFORD'S MARKET GARDEN—Dwarf, medium size pods, very productive.

For General Crop and Late Use

48 in. **TELEPHONE**—Very large, quality the best.

DWARF TELEPHONE, or "**DAISY PEA**"—15 to 18 inches high, very productive, and of superior quality.

24 in. **STRATAGEM**—Large pods, high quality.

60 in. **CHAMPION OF ENGLAND**—Very late.

CANADA FIELD PEAS—See field seeds.

48 in. **LARGE WHITE MARROW-FAT**.

28 in. **DWARF GRAY SUGAR**—Edible podded when young.



PUMPKINS

Culture—Sow in good soil in May, in hills 8 to 10 feet apart each way; or in fields of corn about every fourth bill. Avoid planting near other vines. One ounce to 15 hills; one pound to an acre.

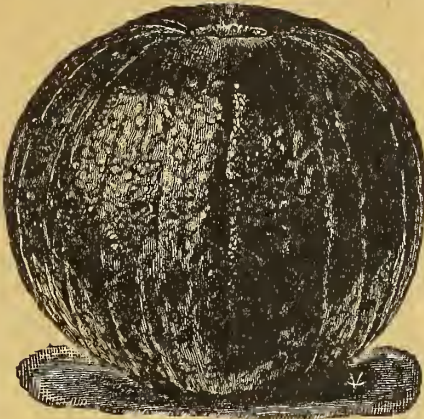
LARGE FIELD—Lb. 50c; ¼ lb. 15c; oz. 5c.

SUGAR—A small high quality pie pumpkin. Lb. 75c; ¼ lb. 20c; oz. 10c; pkt. 5c.

MAMMOTH PRIZE—And mammoth size. Lb. \$1.80; ¼ lb. 60c; oz. 20c; pkt. 10c.

LARGE CHEESE, or KENTUCKY FIELD—Cheese-shaped; yellow fleshed. Lb. 75c; ¼ lb. 20c; oz. 10c; pkt. 5c.

NEW PIE PUMPKIN "CALHOUN"—Medium size and high quality. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.



Sugar Pie Pumpkin

RADISH

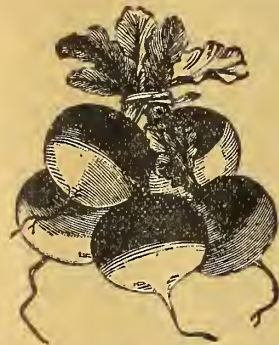
Culture—Radishes delight in light, rich, mellow soil. For very early use, sow in a gentle hot bed in January, and continue sowing every 2 weeks in drills 10 inches apart, thinning to 2 inches apart. One ounce will sow 100 feet of drill. Eight to 10 pounds per acre.

KRAMER'S EARLY SCARLET GLOBE, White Tip—The best and quickest of the Scarlet White Tips. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

SCARLET TURNIP, White Tipped—The most popular radish grown. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

NEW "ICICLE" RADISH—Long white, very early, crisp and sweet. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.

CRIMSON GIANT GLOBE—A clear bright crimson; Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.



Radish

EARLY SCARLET GLOBE—Very early. Lb. 85c; ¼ lb. 25c; oz. 10c; pkt. 5c.

IMPROVED CHARTIER RADISH—Fine quality. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

SCARLET CHINA WINTER—A good winter sort. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

LONG WHITE STRASBURG or HOSPITAL RADISH—Large, half long, white. Good summer radish. Lb. 75c; ¼ lb. 20c; oz. 10c; pkt. 5c.

LONG SCARLET SHORT TOP—Extra early. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

LONG BLACK SPANISH—Large winter variety. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

FRENCH BREAKFAST—Early; oval shape; scarlet, tipped white. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.



RHUBARB

RHUBARB

VICTORIA—Large and tender. ¼ lb. 50c; oz. 25c; pkt. 5c.

LINAUS—A well known market variety; early. ¼ lb. 50c; oz. 25c; pkt. 5c.

RHUBARB ROOTS—See Vegetable plant list.

SALSIFY

Culture—It succeeds best in light, well-enriched soil. Sow early and quite deep, about 1 inch. The roots are perfectly hardy and may remain out all winter, but should be dug early in spring. One ounce for 75 feet of drill. Ten pounds per acre.

MAMMOTH SANDWICH ISLAND—Very large. ¼ lb. 75c; oz. 20c; pkt. 5c.

SPINACH

Culture—Sow in early spring in drills a foot apart, every 2 weeks for a succession, and thin out for use. For fall use, sow in August, for winter in September. Cover with straw or leaves in winter. 1 ounce will sow 100 feet of drill. 12 lbs. per acre in drills.

EXTRA LARGE ROUND L'V'D—Lb. 50c; ¼ lb. 20c; oz. 5c.

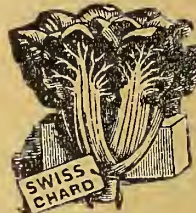
LONG STANDING—New, slow going to seed. Lb. 50c; ¼ lb. 20c; oz. 5c.

BLOOMSDALE or SAVORY LEAVED—Lb. 50c; ¼ lb. 20c; oz. 5c.



SPINACH

SWISS CHARD BEET, or SUMMER SPINACH—Superior to the common beet for greens and equal to spinach. Sown early in the spring, in rows 16 inches apart, and the seedlings afterwards thinned out to 6 inches in the rows, it makes rapid growth of leaves, and is fit for use for greens sooner than any other variety. For summer use we consider it much superior to spinach, because it can be cut throughout the entire summer and fall, when no spinach is to be had. It is of almost the same flavor and it is much easier to wash and prepare for the table, a fact which every housewife knows how to appreciate. Later the leaves grow very large, with broad, flat, beautifully white, wax-like stems and mid-ribs, which may be cooked like Asparagus, or made into most attractive pickles. Lb. \$1.50; ¼ lb. 45c; oz. 15c; pkt. 5c.



SWISS CHARD

SQUASH

GIANT WHITE SUMMER CROOKNECK SQUASH—High quality. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

NEW RED or GOLDEN HUBBARD SQUASH—Fine quality. Lb. \$1.25; ¼ lb. 35c; oz. 10c; pkt. 5c.

MAMMOTH WHITE BUSH—Scalloped; very early and productive. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

"THE DELICIOUS"—Medium size; high quality winter Squash. Per pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.25.

GOLDEN BUSH—Scalloped; good quality. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

SUMMER CROOKNECK—Early and prolific; quality good. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

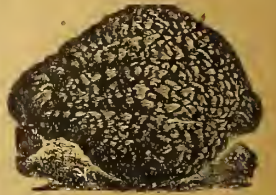
BOSTON MARROW—A standard sort of fine quality. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

MAMMOTH CHILI—The largest of all squashes. ¼ lb. 75c; oz. 25c; pkt. 5c.

VEGETABLE MARROW—The fruit is generally eaten when it is less than half grown, as the flesh is very tender and marrowy. It should always be used in a young state. Pkt. 10c; oz. 15c.

CHICAGO WARTED HUBBARD SQUASH—Lb. \$1.25; ¼ lb. 40c; oz. 10c; pkt. 5c.

HUBBARD—Lb. \$1.25; ¼ lb. 40c; oz. 10c; pkt. 5c.



CHICAGO WARTED HUBBARD

At quoted prices we pay postage or express on Flower and Vegetable Seeds regardless of quantity ordered.

TOMATOES

Culture—Tomatoes do best on light, warm, not over-rich soil. Sow in hot beds from 6 to 8 weeks before they can be set outdoors; when the plants have four leaves transplant into shallow boxes or coldframes setting them 4 to 5 inches apart. Set outdoors as soon as danger from frost is over. The fruit will be better in quality if the vines are tied to trellis or stakes. One oz. for 1,500 plants; ¼ lb. for an acre.

JUNE PINK—Very early. Pkt. 10c; ½ oz. 25c; oz. 40c.
SPARK'S EARLIANA—By far the best and earliest large red tomato. Quite smooth. Price per pkt. 10c; oz. 30c; ¼ lb. \$1.00.
CHALK'S EARLY JEWEL—Early, smooth, bright red. ¼ lb. \$1.00; oz. 35c; pkt. 10c.
LIVINGSTON'S NEW GLOBE TOMATO—Pink or purple; one of the best and smoothest. Per pkt. 10c; oz. 35c.



ACME—Second early; pink, very smooth. ¼ lb. 75c; oz. 25c; pkt. 5c.

LIVINGSTON'S BEAUTY—Large, smooth, pink; best for main crop. ¼ lb. 75c; oz. 25c; pkt. 5c.

"PONDEROSA" IMPROVED—Solid and meaty. Very large, pink. Pkt. 10c; ½ oz. 20c; oz. 40c.

THE NEW STONE—Large, bright scarlet. ¼ lb. 75c; oz. 25c; pkt. 5c.

NEW DWARF CHAMPION—Dwarf; purple and very smooth. ¼ lb. 75c; oz. 25c; pkt. 5c.

YELLOW PEAR AND YELLOW PLUM—For preserves. Each, oz. 30c; pkt. 5c.

GOLDEN QUEEN—Large fine yellow. ¼ lb. 75c; oz. 25c; pkt. 5c.

GROUND CHERRY, STRAWBERRY or HUSK TOMATO—This distinct bush enveloped tomato is unequalled for canning, preserving, pies, etc. Dried in sugar as raisins or figs or to use in fruit cake they are unequalled. They have a strawberry flavor and produce fruit in great abundance. In sections devoid of fruit or liable to fail they are esteemed very highly; aside from being a great curiosity and very attractive, they sell first rate in market, and are rapidly becoming a great favorite. Fruit of a handsome golden color, the size of large cherries. Much esteemed by many to eat from the hand. Pkt. 10c; 3 pkts. 25c.



Ground Cherry

SWEDES, or RUTABAGAS

Culture—Same as for turnips; should be sown in May or early June in drills 2 feet apart.

CARTER'S IMPERIAL SWEDE—Yellow fleshed, purple topped. Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.

AMERICAN RUTABAGA—Yellow, fleshed; called "the best of Rutabagas." Lb. 75c; ¼ lb. 25c; oz. 10c; pkt. 5c.



PURPLE TOP STRAP LEAF.

PURPLE TOP GLOBE—Large size. Best quality. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

TWO NEW FRUITS BURBANK'S WONDERBERRY and the GARDEN HUCKLEBERRY Both of which are pronounced by thousands to be unexcelled for making pies, jams, and preserves or for canning.

WONDERBERRY—This is Burbank's latest production in new fruits, a luscious berry that may be grown and ripened from seed in any soil in 3 months. Fruit more like a great rich luscious blueberry than anything else. In size somewhat larger. Blue-black in color, fine in flavor and unsurpassed for eating raw, cooked, canned or preserved in any form. Quality is best when fully ripe. Like the grape, it should have time to ripen well after turning black. Berries will last two months on the plant after ripening, growing better all the time; will keep a month after being picked. It is exceedingly productive and continues to bloom, set and ripen berries in large quantities until late in the fall. Cultivate same as tomatoes. Directions for using on each package. Price, pkt. 15c.

GARDEN HUCKLEBERRY (Solanum Nigrum)—This new fruit can be grown from seed the first year and produces berries about

as large as an average size gooseberry, being about 4 times the size of the Wonderberry. The color is jet black, and when cooked is as palatable, and can scarcely be discerned from the real huckleberry. Plant seed in a box or pan in early spring, and when danger of frost is over plant out 2x4 feet. Cultivate same as tomatoes. Unlike the Wonderberry, this cannot be eaten raw, but the berries make better pies, jelly and sauce than the wild huckleberry. Can them for winter use or take up the vines just before frost, store away where they will not freeze, and delicious fresh fruit can be picked all winter, as they will keep nice for months. A most promising new fruit for dry, hot climates where ordinary small fruits do not do well. Directions for using on each package. Pkt. 15c.



Garden Huckleberry

Don't fail to try these wonderful new fruits. One packet each for 25c. Plants of either variety ready in May. See Vegetable Plants below.

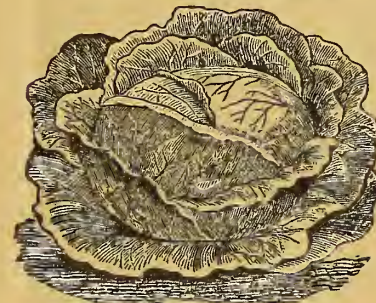
STRAWBERRIES FROM SEED—See page 2 of Cover

POTATO SEED—It is from these that ALL valuable new varieties of Potatoes are produced. Growing new and distinct Seeding Potatoes from the Seed-Ball Seed is intensely interesting. They will be the greatest curiosity of your garden. This seed will positively produce innumerable new kinds, colors, shapes, sizes, and qualities. The product will astonish you. Some may be of immense value and bring you a golden harvest. Every farmer, gardener, and bright boy should plant a few packets. You may be one of the lucky ones. Full directions on every packet. 15c.



POTATO SEED-BALLS.

VEGETABLE PLANTS



Vegetable plants sent by mail go at purchaser's risk.

This list is subject to change owing to damage from bad weather, insects, etc.

Plants will be ready as soon as the season is suitable for transplanting in the open ground.

EARLY CABBAGE PLANTS—Ready April 15. Early Jersey Wakefield, Henderson's Summer. Postpaid 15c doz.; 75c per 100. By express not prepaid 10c doz.; 60c per 100.

EARLY CAULIFLOWER—April 15 to June 20. Danish Snowball. Postpaid 20c doz.; \$1.25 per 100. By express not prepaid 15c doz.; \$1.00 per 100.

LATE CABBAGE—Ready June 10. Premium Flat Dutch, Surehead, Holland. Postpaid 15c doz.; 50c per 100. By express not prepaid 10c doz.; 40c per 100.

PEPPER—Large Belle, Ruby King, Cayenne. Postpaid 20c doz.; \$1.25 per 100. By express not prepaid 15c doz.; \$1.00 per 100.

GROUND CHERRY—Ready May 15. Postpaid 25c doz.; \$1.20 per 100. By express not prepaid 20c doz.; \$1.00 per 100.

EGG PLANT—Ready May 10. New York Improved. Postpaid 20c doz.; \$1.20 per 100. By express not prepaid 15c doz.; \$1.00 per 100.

TOMATO—Ready May 10. Acme, Beauty, Dwarf Champion, Earliana, Ponderosa. Postpaid 15c doz.; \$1.00 per 100. By express not prepaid 10c doz.; 75c per 100.

CELERY—Ready about June 1. Golden Dwarf, Giant Pascal, White Plume. Postpaid 15c doz.; 75c per 100. By express not prepaid 10c doz.; 50c per 100.

SWEET POTATO PLANTS—Ready May 15. Yellow Jersey and Red Jersey. Postpaid 50c per 100. By exp. not prepaid 40c per 100.

ASPARAGUS ROOTS—Conover's Colossal and Palmetto. Postpaid 35c doz.; \$1.50 per 100. By exp. not prepaid 25c doz.; \$1 per 100.

SAGE—Holt's Mammoth. Postpaid 15c each.

RHUBARB ROOTS—Victoria and Linnaeus—Postpaid each 25c; \$2.25 per doz. By express not prepaid 15c each; \$1.50 doz.

GARDEN HUCKLEBERRY—Postpaid 30c doz.; \$1.25 per 100. By express not prepaid 25c doz.; \$1.00 per 100.

WONDERBERRY—Postpaid 30c doz.; \$1.25 per 100. By express not prepaid 25c doz.; \$1.00 per 100.

CHIVES—Postpaid 25c per bunch.

At quoted prices we pay postage or express on Flower and Vegetable Seeds regardless of quantity ordered.

FLOWER SEEDS

Directions for Sowing, Etc.

To insure success, the conditions and requirements of the several species as to soil moisture, heat, light, etc., should be studied and then observed in culture. Below we give a few general directions for their culture.

The soil best adapted to most flowers is light, rich loam, containing enough sand to make it porous. If there is some clay with it, the color will be brighter. Make the surface as smooth and fine as possible, sow seed in rows, covering each sort of seed in proportion to its size (a good general rule being to cover twice the diameter of the seed) and press the soil down firmly over it. Do not plant seed when the ground is wet. Many varieties, such as Pansy, Verhena, Daisy, Hollyhock, and the fine greenhouse plant seeds, should be sown early in shallow boxes in the house, in soil consisting of equal parts of fine sand and rich mellow loam, well mixed together and sifted, to remove all gravel and lumps. Sow as before directed. Covering the box with glass, helps retain the moisture and keeps the temperature even. Be careful not to keep them too wet, and as soon as they are large enough to handle, transplant in boxes from 1 to 2 inches apart, where they are to remain until time to transplant to permanent beds. We will always be glad to answer any question from our customers, relative to the cultivation of any kind of plants.

Explanations of Abbreviations

A. Annual. B. Biennial. E. Blooming in spring and early summer. fl. pl. Double Flowers. G. Greenhouse or Pot plants. H. Hardy. Hh. Half Hardy. I. Blooming in mid-summer. L. Blooming in late summer and autumn. M. Seed should be sown in hot-beds or boxes, in March or April and transplanted in open ground in May or June, when there is no danger from frost. Varieties not marked M. should be sown in the open ground. O. Ornamental Leaved Plants. P. Perennial. T. Tender.

At prices quoted we pay the postage or express on all Flower and Vegetable Seed.

ABRONIA

Charming trailer, with Verbena-like heads of sweet scented flowers, blooming the whole season. Effective in beds, border, rock work and hanging baskets. H. A. Pkt. 5c.



ABRUS PRECATORIUS, or WEATHER PLANT

The wonderful Weather Plant (Abrus) of the West India Islands is now successfully cultivated in gardens. It has a very beautiful foliage and blossoms, and it is claimed that the state of weather may be told for some time in advance by the position the leaves assume. Seeds bright scarlet. Very beautiful and very hard. Soak them well in warm water before sowing. Pkt., 5c.



Abronia

ABUTILON

(Chinese Bell Flower)

A handsome greenhouse plant. Finest mixed. M. Pkt. 10c.

ACACIA

Elegant greenhouse shrubs, having fine ornamental foliage, and beautiful racemes of various shades of yellow globular flowers. Soak the seed in warm water before sowing. M. P. 6 to 10 feet. Mixed. Pkt. 5c.

ACONITUM (Monk's Hood or Wolf's Bane)

Will grow in any good garden soil, producing curiously shaped flowers in abundance. H. P. L. I. Pkt. 5c.



Abutilon

ACROCLINUM (See Everlasting)

ADLUMIA (Mountain Fringe) (See Climbers)



BLUE DAISY

ADONIS

Of easy culture, blood red or deep scarlet flowers and handsome foliage. Set the plants 1 foot apart. H. A. I. to L, 1 foot. Pkt. 5c.

AGATHA BLUE DAISY

CELESTIS—Sky-blue with a yellow disc; of easy growth and produces flowers all the year. Also a fine winter bloomer. Pkt. 100 seeds, 5c.

AGERATUM

Valuable plants for large beds or borders, and very useful where cut flowers are in demand; it blooms the whole summer; also good for winter, blooming in pots, succeeding in any soil. Indispensable for bouquets. Hh. A. Mixed. Pkt. 5c.

AGROSTEMMA

Very pretty, free bloomer adapted for making showy beds, clumps and edging, and fine for cutting. Can easily be transplanted, and should be set 5 or 6 inches apart. I. to L. H. A. 12 inches. Pkt. 5c.

ALYSSUM

LITTLE GEM—Grows 3 or 4 inches high, one of the best border plants, a great bloomer. Pkt. 5c.

ALYSSUM (Sweet)—Same as above except that it is taller. H. A. White. Pkt. 5c.



Amaranthus

AMARANTHUS

Grown exclusively for their foliage. The glowing effect produced by their mass of rich foliage, is scarcely equalled by any similar class of plants. T. A. 2 to 4 feet. Fine mixed. Pkt. 5c.

AMMOBIUM ALATUM

(See Climbers)

ANAGALLIS

Dwarf, compact plants adapted for basket, rock-work, edgings and small beds; succeeds best in light, rich soil in a sunny situation; covered with various shades of flowers all summer. Hh. A. M. Grandiflora—Mixed, pkt. 5c.



AQUILEGIA

Beautiful spikes of gay-colored flowers, producing abundantly the first summer until after frost, and also flowers well the second season. Mixed, pkt. 5c.

ANTIRRHINUM MAJUS GRANDIFLORA—New—Flowers magnificent and much larger than those of the old type. Pkt. 10c.

AQUILEGIA (Columbine)

A very showy class with curiously shaped blossoms in great variety of colors. Double—in finest mixture, pkt. 5c. Single—All colors mixed, pkt. 5c.

ASPARAGUS

PLUMOSUS (Asparagus Fern)—One of the prettiest house plants. Well known to all. Pkt. 5 seeds, 10c; 25 seeds 35c.



ANTIRRHINUM

SPRENGERI—Also called Emerald Feather and Abyssinian Parlor Fern—New—Handsome drooping pot or basket plant, very attractive, green feathery sprays with white flower following by red berries. Pkt. 15 seeds, 10c.

ASPERULA

Of dwarf habit, growing about 10 inches high, bearing numerous clusters of small sweet-scented flowers. I. to L. H. A.

AZUREA SETOSA—Light blue. Pkt. 5c.

ODORATA—Flowers white; foliage very sweet-scented. H. P. I. L. Pkt. 5c.



Asperula Odorata.

ASTERS

VIOLET KING—Very large the center being twisted, curled and incurved, completely covering the crown. Color, soft violet-lilac. Pkt. 10c.

LAVENDER GEM—Delicate lavender, deepening with age. Pkt. 10c.

ROYAL PURPLE—Large and full to center; color bright purple. Pkt. 10c.

HOHENZOLLERN—The finest type of the Giant Comet, or Os-trich Feather type of Asters. Borne on long stems, which makes them cut flowers par excellence. Mixed. Pkt. 10c.

VICK'S MIKADO PINK—This new Aster belongs to the Comet class. Petals narrow, long, reflexed and curled. A beautiful fluffy shell pink flower. Pkt. 15c.

At quoted prices we pay postage or express on Flower and Vegetable Seeds regardless of quantity ordered.



Aster

GIANT COMET ASTERS—Tall, flowers large with long twisted petals, extra fine. Mixed colors. Pkt. 10c.

NEW BRANCHING—The flowers are borne on very long stems and are of extraordinary size. Mixed colors. Pkt. 10c.

NEW BRANCHING—In white, pink, lavender and purple, each separate. Pkt. 10c.

TALL ASTERS—In great variety and many different classes. Mixed. Pkt. 5c.

DWARF ASTERS—In great variety and many different classes. Mixed. Pkt. 5c.

BACHELOR'S BUTTON

(See Centaurea Cyanus)

BALSAM (Lady's Slipper, or Touch-Me-Not)

DOUBLE CAMELIA FLOWERED—Fine. Mixed. Pkt. 10c.

BALSAM APPLE (Momordica)

A very curious trailing plant, with ornamental foliage and golden yellow fruit, which opens when ripe, showing the seed and its carmine interior. 10 feet. H. A. 1. L. Pkt. 5c.

BALLOON VINE

(See Climbers)

BEGONIA VERNON

As a Begonia for outdoor bedding this has no equal. Very free bloomer, does equally well in sunshine or shade. When grown in full sun the foliage takes on a beautiful bronze hue. Pkt. 10c; 3 for 25c.

BARTONIA

AUREA—Downy, thistle-like foliage. Flowers a beautiful golden yellow. Height 2½ feet. H. A. 1. Pkt. 5c

TUBEROUS ROOTED BEGONIA

As bedding plants there is nothing to equal the New Tuberos Rooted Begonia. They bloom equal to the Geranium, but with a form and variety of colors and shadings equal to the Rose. M. 1. G. Single choice mixed, pkt. 20c. Double choice mixed, 40c.



Snowball Daisy

BELLIS PERENNIS

(English Daisy)

Very pretty double red and white flowers; desirable for borders. Thrives well in shady places. 4 inches. Hh. P. E.

BEST DOUBLE—Mixed. Pkt. 10c
LONGFELLOW—Dark rose. Pkt. 10c.

NEW SNOWBALL DAISY—Long stem, free bloom and large double flowers, snow white. Pkt. 10c.

BOCCONIA JAPONICA

Most effective for lawn decorations. Foliage large and finely cut, for specimen plants it can hardly be surpassed. T. P. 5 to 8 feet. Pkt. 10c.

BRACHYCOME (Swan River Daisy)

A dwarf, free-bloomer; excellent for baskets and edgings; blue flowers. Hh. A. L. 1 foot. Pkt. 5c.

BROWALLIA (Amethyst)

Flowers blue and white, very showy. Height 1½ feet. T. A. M. 1. Pkt. 5c.

THE NEW GIANT BROWALLIA

The most beautiful of all the Browallias. Dwarf with sky-blue flowers, very beautiful. Pkt. 60 seeds, 10c.

CACALIA (Tassel Flower)

Tassel-shaped flowers, growing in clusters. Mixed. 20 inches. H. A. 1. Pkt. 5c.

CALAMPELUS (See Climbers)

CALANDRINIA

Beautiful dwarf plants suitable for rock work. Succeed well in light, rich soil. H. A. 1. L.

GRANDIFLORA—Rich, rosy, pink; handsome. Pkt. 5c.

CALANDULA

(Pot Marigold). Very handsome free flowering plant producing a fine effect in beds and borders; succeeds in any garden soil. Height 1 foot. H. A. L. L.



CACALIA.

METEOR—Beautifully imbricated, double flowers, with stripes of deep orange on a pale yellow background. Pkt. 5c.

PRINCE OF ORANGE—Surpasses even Meteor in beauty. Pkt. 5c.

CALCEOLARIA

These belong to the showiest of the green-house plants. Their magnificent pocket-shaped flowers, produced in abundance, make them highly decorative. Seed should be sown in July and August. Greenhouse perennial.

HYBRID—Finest mixed. E. L. Pkt. 20c.

CALLIOPSIS OR COREOPSIS

Few annuals produce more striking or rich and varied colors



CALCEOLARIA.

numerous than these. The flowers are numerous and beautiful; remove the seed pods and they will remain in bloom much longer. H. A. L. Finest mixed. Pkt. 5c.

GOLDEN WAVE—Bright golden color, in flower from July to October. Pkt. 10c.

NEW GOLDEN COREOPSIS (Coreopsis Lanceolata)

A hardy herbaceous perennial, the finest of yellow flowers. A most beautiful plant. Pkt. 10c.

CAMPANULA

(Canterbury Bell)

Valuable for beds and borders. The perennial varieties, if sown early, will bloom the first season.

DOUBLE ANNUAL VARIETIES—In finest mixture. Pkt. 5c.

PERENNIAL VARIETIES—Many varieties mixed. Pkt. 5c.

CANARY BIRD FLOWER

(See Climbers)

CANDYTUFT (Iberis)

Universally known and cultivated. One foot. H. A. E. I.

Mixed Colors—Pkt. 5c.
SNOWFLAKE—Extremely free blooming new white sort. Pkt. 5c.



Candytuft, New Empress

NEW EMPRESS—One of the finest varieties in cultivation. Pkt. 10c.



Campanula

CANNAS

NEW FRENCH—The finest mixed varieties. Seed should be soaked in warm water, if sown early in a pot and transplanted into not too rich soil, the plants will bloom the same year. M. Pkt. 10c; 3 for 25c.

CARNATION

NEW DWARF MARGARET—A carnation that blooms the first year from seed. Free blooming. Mixed colors. M. 1. L. Pkt. 10c.

NEW GIANT MARGARET—Flowers very large, measuring 3 inches or more in diameter. All colors mixed. Pkt. 125 seeds, 15c.

MARGARET CARNATION

—Giant White—Flowers very large and double, pure white. Pkt. 50 seeds, 10c.

GRENNADIN—Dwarf, deep salmon-red. Pkt. 10c.

VIENNA DWARF—The best garden sort, which produces a large percentage of double flowers. Pkt. 10c.

CARNATION (Dianthus Caryophyllus)

The seed we offer is saved from the finest collection in Europe. Hh. P. 1. L. Fine double mixed. Pkt. 10c.

CASTOR OIL BEAN

A magnificent and highly ornamental plant of picturesque foliage and growth. H. A. O. M.

SANGUINEUS—One of the best. 5 feet. Pkt. 5c.

ZANZIBAR CASTOR BEAN—The largest and most showy of all kinds. Pkt. 10c.

CELOSIA (Coxcomb)

A highly ornamental annual with feathery flowers, valuable for bedding and house culture. 1 to 3 feet. Hh. A. M. 1. L.

PRESIDENT THIERS — (Glasgow Prize). This is the most dwarf of all Covcombs and bears large crimson combs. Pkt. 10c.

Tall Sorts—Splendid mixture. Pkt. 5c.
Dwarf Sorts—In great variety. Pkt. 5c.
OSTRICH FEATHER—Large crimson plumes, resembling an ostrich feather. Pkt. 10c; 3 for 25c.

CENTAUREA

CYANUS—Known as Bachelor's Button or Corn Beetle. 1½ feet. H. R. A. I. Various colors mixed. Pkt. 5c.
GYMNOCARPA—Dusty Miller. O. L. Hh. P. M. Pkt. 5c.
CYANUS—fl. pl. The new double Corn Flower. Mixed. H. A. I. Pkt. 10c.



President Thiers

NEW GIANT FRAGRANT CENTAUREA

(*Centaurea Imperialis*)
 Large beautiful fragrant flowers, will keep a week in water. All colors mixed. Pkt. 5c.

SWEET SULTAN

(*Centaurea Suaveolens*)
 Height two feet. Long stems with large double sulphur yellow flowers and sweet scented. Plant in a dry place. It blooms all summer. Pkt. 5c.

CENTROSEMA GRANDIFLORA (See Climbers)
CHRYSANTHEMUM
 No annual furnishes as many cut flowers as these. They bloom until fall and make lovely plants for heds, borders, etc.

CORONARIUM ALBUM—fl. pl.
 —Double White. 2 feet. Double Yellow. 2 feet. Each, pkt. 5c.

ECLIPSE—Large single flowers, 2½ inches in diameter, pure golden-yellow, with bright purplish scarlet ring on the ray florets, the disk being dark brown. Pkt. 10c.

CHRYSANTHEMUM MAXIMUM

(Or Large Ox-Eye Daisy)

Pure white, extra fine. H. P. Pkt. 10c.

CINERARIA HYBRID

(Cape Aster)

A favorite, attractive, free-flowering plant, blooming during the winter and spring months; perennials but do best treated as tender annuals. G. M. Choice mixed. Pkt. 25c.



Cineraria

CLARKIA

Very pretty flowers, very effective in masses; succeed under most any circumstances. Many colors. H. A. I. L. Pkt. 5c.

CLEOME PUNGENS

(Giant Spider Plant)

Four to five feet high, producing long and curious spikes of flowers of bright rose color, with long antennae like stamens, giving a very graceful and cloud-like effect. T. B. E. to I. Pkt. 10c.



HYBRID COLEUS.

COBEA SCANDENS

(See Climbers)

COLEUS

Commonly called foliage plants. M. G. 1 to 3 feet. FINE. Mixed. Pkt. 10c.

COLLINSIA

Free flowering hardy annuals, with flower spikes 18 inches high, flowers are borne in clusters about the stalk. Sow seed in open ground. E. I.

BICOLOR—Purple and white. Pkt. 5c.

COSMOS

This plant is of strong growth, having elegant foliage, and for fall blooming has no superior. Flowers 3 inches across. Planted in pots and brought inside to flower like Chrysanthemums, they are grand. The colors are of various shades, from pure white to purple crimson. M. H. A. L. Mixed, all colors. Pkt. 5c.

WOODSIDE EARLY FLOWERING—The earliest flowering variety in cultivation. Mixed colors. Pkt. 15c each.

COSMOS—“White Pond Lily”—A most chaste and lovely flower, large size. Pkt. 10c.

COSMOS—“Pink Butterfly”—A magnificent new variety, the loveliest shade of pink imaginable. Pkt. 10c.

DWARF EARLY-FLOWERING COSMOS—“Dawn”—Flowers large and of a beautiful white with just a touch of delicate pink at the base of the petals. Pkt. 10c.

COWSLIP

A very free bloomer, early spring flower, useful for horders. H. P. 9 inches. Mixture of fine varieties. Pkt. 10c.



CYPERUS or UMBRELLA PLANT

Grows finely in water with rich soil or mud, throwing up long stalks with narrow leaves. Easily raised from seed. 10c.

CYCLAMEN

(*Persicum Giganteum*)

Well known and charming bulbous rooted plants, with beautiful foliage and handsome flowers. Universal favorite for the greenhouse or parlor and for winter and spring blooming. Hh. G. B. E. Finest mixed. Pkt. 25c.

CUPHEA (Cigar Plant)

A well known profuse winter and summer blooming plant. Hh. A. Pkt. 5c.



Cyclamen

CYPRESS VINES (See Climbers)

DAHLIA

Dahlias even if sown as late as May 20 will bloom the first year. Take up the roots as frost occurs in the fall and preserve in a dry, warm cellar. D. M. L.

Double Mixed—2 to 4 feet. Pkt. 10c.

Single Mixed—Pkt. 10c.

CACTUS FLOWERED—Double mixed, with twisted and curled petals; very fine. Pkt. 15c.

DAISY, Burbank's New Shasta

The most popular of the daisy family. Hardy perennial, flowers very large and white with yellow center. Pkt. 15c.

DAISY, DOUBLE ENGLISH—See Bellis Perennis.



DOUBLE DAHLIA

DATURA (Trumpet Flower)

Hardy annuals, with large, showy trumpet-shaped flower. 3 ft. **FASTOSA HUBERINA**—Mixed, double flowers. Pkt. 10c.

CORNUCOPIA—Flowers average 8 inches long by 5 inches across. White with purple exterior. Pkt. 10c.

DELPHINIUM (Larkspur)

A—Perennial Varieties

FORMOSUM—A bright blue, white center. M. 3 feet. Pkt. 5c.

NUDICAULE—Flowers bright orange red. M. Pkt. 10c.

B—Annual Varieties

DOUBLE DWARF VARIETIES—Finest mixed, 1½ feet. Pkt. 5c.

TALL ROCKET—Mixed, 2½ feet. fl. pl. 5c.

DIANTHUS—PINK

Beautiful class of Pinks, bardy, will flower the second season if not allowed to flower too freely the first; sow in hot-bed; transplant dwarf varieties 6 inches apart. A. A.

SINGLE CHINESE PINK

They are showy, handsome flowers and bloom all summer. Pkt. 10c.

CHINENSIS—(China or India Pink)—Superb double varieties. Mixed. Pkt. 5c.

IMPERIALIS (Imperial Pink)—Double. Mixed colors. Pkt. 5c.

HEDDEWIGI—Finest mixed; single. Pkt. 5c.

Dianthus Heddewigl, fl pl

HEDDEWIGI—fl. pl. Double Japan Pink. Splendid mixture. Pkt. 5c.



SNOW QUEEN PINK

This is an extra fine selection of the large flowering double, white Japan Pink. Flowers large and resemble white carnations. Pkt. (150 seeds) 10c.

DIGITALIS (Foxglove)

Flowers thimble-shaped and spotted. Height 3 feet. H. P. I. Pkt. 5c.

ESCHOLTZIA (California Poppy)

An exceedingly showy class of plants, bearing a profusion of rich yellow flowers. Sow the seeds where the plants are wanted to bloom; thin to 6 inches apart. H. A. E. to L. Many varieties mixed. Pkt. 5c.

"Rosy Morn"—new

The rosy, white petals are delicately channeled or fluted with tiny folds radiating from the center and richly adorned with a soft primrose-yellow hue, very beautiful. Pkt. 10c; 3 for 25c.



FOXGLOVE.

BUSH ESCHOLTZIA, or HUNNEMANNIA

A most beautiful plant or sbrubby bush; flowers three inches across, on stems 12 inches long. Color clear bright yellow. Pkt. 10c.

EUPHORBIA (Snow on the Mountain)

A native of the west. Foliage is beautifully veined and margined white. 1 1/4 feet. H. A. I. Pkt. 5c.

EUPHORBIA HETROPHYLLA (Mexican Fire Plant)

Grows 1 to 3 feet high, with smooth, glossy leaves which become dark fiery scarlet. A most attractive object on the lawn.



ESCHOLTZIA.

Easy to cultivate. Pkt. 10c.

FORGET-ME-NOT (Myosotis)

Pretty little favorite, with lovely clusters of fine, delicate flowers. They succeed best in a damp, shaded situation, but thrive well in any garden soil. Height, 9 inches. H. P. E. I.

ALPESTRIS—Blue. Pkt. 5c.

VICTORIA—Large, bright azure blue, with yellow centers borne in dense umbels. The plants grow about 5 to 6 inches high. Pkt. 10c.

RUTH FISCHER—New. Very bardy, producing large clusters of pure blue flowers. Excellent for outdoor planting or pot culture. Pkt. 25c.

"STAR OF LOVE"—A new hybrid with lovely dark sky-blue flowers, of dwarf, compact growth. Pkt. 10c.



For. Get. Me. Not.

FREESIA

REFRACTA ALBA—These pretty bulbous plants with their sprays of very fragrant and pure white flowers, can be raised from seed and made to bloom the first year. The beauty and delicate fragrance of these flowers will repay the care given. G. B. L. M. Pkt. 10c.

FUCHSIA

These bloom the first year from seed if planted early. Double and single mixed. Pkt. 20c.

GAILLARDIA (Blanket Flower)

PICTA LORENZIANA—This new double variety produces large globular heads of various color in great abundance throughout the entire summer. H. A. Pkt. 5c.

HARDY PERENNIAL GAILLARDIAS—Hardy perennial; flowers large, very numerous, excellent for cutting and of the most brilliant shades of orange, crimson, scarlet and vermilion. Mixed. I. L. Pkt. 10c.

GERANIUMS

Splendid mixed. Planted early, bloom the first summer. M. Pkt. 10c.



Gaillardia

GILLIA

Free blooming dwarf plants, valuable for mixed beds, rock-work, etc. H. E. I. Mixed colors. Pkt. 5c.

GLAUCIUM (Horn Poppy)

LUTEUM—Very low plant, valuable for edging and massing; leaves silvery white, beautifully recurved; flowers yellow, bell-shaped. 2 ft. M. H. P. I. L. Pkt. 5c.



GLOXINIA

A tender perennial, growing about 5 feet high, with very beautiful and graceful foliage. It is one of our most elegant ornamental plants for the greenhouse and for table decorations, combining the delicate foliage of a fern with the stately grace of a palm. M. Pkt. 10c.

GYPSOPHILA, or ANGEL'S BREATH

An annual plant that should be in every garden, for it thrives everywhere and furnishes the loveliest material for all kinds of bouquets. The tiny little flowers are borne in abundance on long, graceful, branching stems, which lend a most graceful light appearance. Pkt. 5c.



Mammoth Flowered Heliotrope

MALLOW MARVELS—New. The most beautiful and showy of all hardy hibiscus. Pkt. 20c.

HOLLYHOCK

Old fashioned favorite which should be in every garden. Seed should be sown in June and July to have flowering plants the next summer. Height, 4 to 9 feet. H. P. I. L. M.

Finest Mixed—Double, 10c.

ALLEGHENY FRINGED HOLLYHOCK—A new and improved type. Flowers 3 to 5 inches in diameter, finely fringed and curled. Pkt. 10c.

NEW ANNUAL HOLLYHOCKS—Bloom from Seed the First Year. Plants started from seed sown in March or April in the house or hot-bed, transplanted in May into their permanent place, will bloom in August and continue until late in the fall. The flowers are double, semi-double or single. Pkt. 10c.

ICE PLANT (Mesembryanthemum)

Suitable for rock work, hanging baskets, etc.; foliage thick and fleshy, and of a frosty wax-like appearance. T. A. M. L. Pkt. 5c.

IMPATIENS SULTANI (or Zanzibar Balsam)

A perennial Balsam from Africa. Rosy carmine flowers. One of the most distinct and beautiful plants of easy culture. G. P. I. L. M. Pkt. 10c.

JACK-AND-THE-BEAN-STALK VINE

(*Purseraria Thunbergina*) Chinese Kudzu. If you wish a vine that will grow everywhere plant the Chinese Kudzu. It will flourish where nothing else can. Foliage large and dense. Pkt. 15c.



Gillia

M. E. to O. L. A. G.

GODETIAS

Dwarf; flowers handsome, brilliant, and produced in profusion. Choice mixed, pkt. 5c.

GREVILLEA ROBUSTA (Silk Oak)

A tender perennial, growing about 5 feet high, with very beautiful and graceful foliage. It is one of our most elegant ornamental plants for the greenhouse and for table decorations, combining the delicate foliage of a fern with the stately grace of a palm. M. Pkt. 10c.

HELIOTROPE

MAMMOTH FLOWERED—Blossoms from seed the first year. Flowers large and handsome. Pkt. 10c.

HELIANTHUS (Sunflower)

Well known class of plants of stately growth; flowers sometimes enormous size and brilliant color. Height of 4 to 8 feet. The new dwarf kinds are very showy and popular; every garden should have them. H. A. I. L. Mixed. Pkt. 5c.

HELICHRYSUM (See Everlastings)

HIBISCUS

Showy, ornamental annuals, large flowers. I. L. **CRIMSON EYE—Flowers large, white,** with a crimson eye. Pkt. 10c.

MALLOW MARVELS—New. The most beautiful and showy of all hardy hibiscus. Pkt. 20c.



ICE PLANT.

At quoted prices we pay postage or express on Flower and Vegetable Seeds regardless of quantity ordered.

JOB'S TEARS

An old fashioned but valuable remedy for sore throat, goitre and teething babies, when the seed is strung on linen thread and worn around the neck as a chain, are said to be a sure cure. Also used to advantage in basket making and raphia work. Per oz. 5 cts.; (2 ozs. make a chain); ¼ lb. 15 cts.; lb. 50 cts.



Job's Tears

KENILWORTH IVY

One of the most beautiful basket or vase plants; thrives best in moist, shady place. Pkt. 10c.

KOCHIA SCOPARIA, or SUMMER CYPRESS

Plants globe-shape. Early in fall the ends of the shoots are thickly set with small, bright scarlet flowers, the bushy plants resembling balls of fire. Pkt. 10c; 3 pkts. for 25c.



KOCHIA.

LATHYRUS (Everlasting Pea)

Very ornamental, free flowering plants, growing in any soil. Useful for covering trellises, verandas, etc. 5 feet. H. P. I. Mixed. Pkt. 5c.



Lathyrus, or Kew-verb Ivy

Very ornamental, free flowering plants, growing in any soil. Useful for covering trellises, verandas, etc. 5 feet. H. P. I. Mixed. Pkt. 5c.

LINUM (Flowering Flax)

Most attractive bedding plants, making a mass of dense brilliant red. Height 2 feet. Hh. A. I. L. **GRANDIFLORA COCINIUM**—Scarlet, splendid color. Pkt. 5c.



LOBELIA

A beautiful class of mostly dwarf growing plants. Their delicate drooping habit and the profusion of their charming little flowers render them exceedingly fine for vases, baskets, bedding or edgings. H. A. M. E. Mixed colors. Pkt. 5c.

A beautiful class of mostly dwarf growing plants. Their delicate drooping habit and the profusion of their charming little flowers render them exceedingly fine for vases, baskets, bedding or edgings. H. A. M. E. Mixed colors. Pkt. 5c.



Lobelia

CRYSTAL PALACE COMPACTA—The best bedding variety; bright blue. Six inches. Pkt. 5c.

LUPINUS (Sun Dials)

Long spikes of richly colored pea-shaped flowers. H. A. E. to L. Fine mixed. Pkt. 10c.



Lupinus.

MAURANDIA (See Climbers)

MIRABILIS, or MARVEL OF PERU (Four O'Clock)

Flowers are produced in clusters on the summit of the stems. The roots can be preserved during the winter like Dahlias. L. Finest mixed. Pkt. 5c.

MARIGOLD (Tagets)

A well known, half-hardy annual, of easy culture, with rich beautifully colored flowers. The African is the tallest and most striking in large beds, while the French is adapted for small beds, or as a foreground to taller plants. L. L.

AFRICAN—Mixed varieties. Pkt. 5c. **FRENCH DOUBLE**—Mixed dwarf. Pkt. 5c.

MIGNONETTE

(Reseda) **PARSON'S WHITE**—Distinct, almost white. Pkt. 5c.

MACHET—Dwarf, large flowering. H. A. I. L. Pkt. 10c.



Mignonette Machos

ish-white flowers. The leaves close and drop when touched or shaken. T. A. M. 1¼ feet. Pkt. 5c.

MIMULUS

The Mimulus, or Monkey Flowers, are fine for baskets or verandas. Fine mixed. H. A. I. L. Pkt. 10c.

MUSCHATUS (Musk Plant)
Pkt. 5c.

MOONFLOWER

WHITE Ipomoea Noctiflora — White

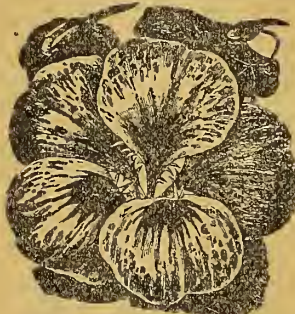


flowers 5 to 6 inches in diameter; the **MIMULUS** flowers open at dusk, or earlier on cloudy days, at which time they are deliciously fragrant. Start the seed in the house and set out as early as safe in the spring. Pkt. (15 seeds), 10c.

MORNING GLORY

(See Climbers)

NASTURTIUMS—Dwarf
KRAMER'S SPECIAL MIXTURE OF DWARF NASTURTIUMS—This collection is made up from the best named varieties and are sure to please. Pkt. 10c; oz. 25c.



DWARF VARIETIES—Mixed. Pkt. 5c; oz. 20c. **NEW LILLIPUT NASTURTIUM**—Flowers small, of rare beauty, and produced in great abundance. Pkt. 5c. **DWARF CHAMELEON**—Very dwarf; exquisite mixture. Pkt. 10c.

TALL NASTURTIUMS

KRAMER'S SPECIAL MIXTURE OF CLIMBING NASTURTIUMS—In our Special Mixture of this popular flower will be found all the choicest colors. The combinations of which are simply superb. Pkt. 10c; oz. 25c.



Nicotiana

NICOTIANA (Tobacco Plant)

AFFINIS—Height 2 feet. Flowers pure white, very fragrant. M. Hh. A. I. L. Pkt. 5c.

NIGELLA HISPANICA

(Love in a Mist)

Free blooming plant with blue flowers and very graceful foliage; grow in any garden. Height, 1 foot. H. A. E. I. Pkt. 5c.

NIGELLA, MISS JEKYLL

Fine fern-like foliage, beautiful blue flowers. Pkt. 10c.



AURORA—Deep chrome yellow, blotched and veined with bright carmine. Pkt. 5c.

EMPRESS OF INDIA—Very dark leaves and crimson flowers. Pkt. 5c.

KING THEODORE—Bluish green foliage, flowers velvety crimson; fine bedder. Pkt. 5c.

GOLDEN KING—Brilliant yellow. Pkt. 5c. each.

GOLDEN CLOTH—Foliage of a bright golden yellow, flowers intense scarlet. Pkt. 5c.

MADAME GÜNTHER'S HYBRIDS—New Climbing Nasturtiums—For richness and variety of colors these have no superior. Pkt. 10c; oz. 25c.

SCARLET STRIPED, CRIMSON, LIGHT YELLOW—Each separate. Pkt. 5c.

TALL VARIETIES—Mixed. Pkt. 5c, oz. 20c.

LOBB'S NASTURTIUM—For brilliancy of flowers, height of vines and rapidity of growth they excell. Mixed. Pkt. 5c.

NEMOPHILA (Love Grove)

Dwarf growing annuals, with a neat, compact habit of growth and colors strikingly beautiful. A. A. E. to L. ½ foot. Mixed. Pkt. 5c.

NICOTIANA SANDERAE

An intensely glowing rosy-carmine, extra fine. 10c.



Nicotiana Sanderæ



Nolina

NOLONA Very pretty annual; trailing habit, with Morning Glory like flowers, well adapted for rock-work. H. A. L. Mixed colors. Pkt. 5c.

Nycteria Capensis

A sweet-scented little plant with star-shaped flowers. Ht. 6 in. Hb. P. 1. L. M. Pkt. 5c.

ONEOTHERA (Evening Primrose)

Derives its name from the fact that it opens its flowers just before the sun goes down. H. A. 1. L. Mixed. Pkt. 5c.



OXALIS

OXALIS

Showy little plants suitable for rock-work, rustic baskets and greenhouse; 6 in. Hb. P. 1. L.

ROSEA—Rose colored, good bloomer. Pkt. 5c.

PANSIES

We make a specialty of Pansies, and stock from which seed is saved, is selected from the best varieties obtainable, and we claim our Pansies are second to none in this country.

GIANT CASSIER—Large heavy blotches, blue and white being the predominant colors. Pkt. 20c.

GIANT BUGNOT—Petals blotched running out in delicate rays to edge. Mixed. Pkt. 15c.

IMPROVED GIANT TRIMARDEAU—Very large; mixed. Pkt. 10c; 3 for 25c.

GIANT TRIMARDEAU—In separate colors, white, yellow, purple, black and striped. Each per pkt. 10c.

GIANT PARIS—Very large, mixed colors. Pkt. 15c.

CHOICE MIXED—Pkt. 10c.

CHICAGO PARK MIXTURE—Pkt. 5c.

KRAMER'S 20TH CENTURY "GIANT PANSY MIXTURE"



PERILLA

Excellent bedding plant with deep bronze foliage; very distinct and ornamental. Hb. A. 1. O. M. Height 15 inches. Pkt. 5c.

PENTSTEMON

Flowers half pendant, bell-shaped and marbled in beautiful bright shades. They should be planted in rich, open soil, and protected during the winter. H. P. 1. L.

FINEST HYBRIDS—A splendid mixture. Pkt. 10c.

THE CHRISTMAS PEPPER

Covered with bright scarlet fruit borne above the foliage, will last for months, very beautiful. Pkt. 10c.



New Petunia, "Snowball"



The Christmas Pepper

PETUNIA

NEW PETUNIA, "Snowball"—A very dwarf Petunia, with beautiful satiny white flowers. Price per pkt. 10c.

HOWARD'S STAR PETUNIA

Crimson maroon, veined violet, with a five-rayed star of light bluish pink. Pkt. 10c.

FINEST MIXED—A very choice strain. Pkt. 10c.

GOOD MIXED—Many colors. Pkt. 5c.

DWARF INIMITABLE—Cherry-red marked with a clear, white star. Pkt. 10c.

SUPERBISSIMA MIXTURE—These are among the finest of the Petunias; the flowers are from 4 to 6 inches in diameter. Pkt. 25c.

FRINGED SORTS (Fimbriata)—A superb strain of finely fringed flowers. Pkt. 25c.

DOUBLE PETUNIAS

This is a mixture of the best large flowering and fringed double Petunias. Seed is saved from plants grown in pots, carefully fertilized, and will produce grand flowers. Of course everyone knows that only a certain percentage of double flowers may be expected from seed, but our mixture will produce from 20 to 30 per cent of doubles, while the remainder will be choice, large single flowers. The weaker seedlings should be carefully saved, as these invariably produce the finest double flowers. Pkt. (50 seed) 30c.



Phlox—Drummondii

PHLOX

PHLOX—Drummondii—Many colors. Mixed. Pkt. 5c.

GRANDIFLORA SPLENDENS—Giant flowered. Finest mixed. Pkt. 250 seeds, 10c.



Phlox—Star of Quedinburg

DOUBLE FLOWERING PHLOX—Flowers are double and semi-double. Pkt. 10c.

PHLOX—Star of Quedinburg—Very attractive. Many colors mixed. Pkt. 10c.

DWARF PHLOX (Phlox Drummondii Nana Compacta)—Very dwarf, excellent border plant. Mixed. Pkt. 10c.

HARDY PHLOX (Phlox Decussata)—These rank among the finest herbaceous perennials for beds and borders; mixture of finest sorts. Pkt. 10c.

PHYSALIS FRANCHETI

CHINESE LANTERN PLANT (Ground Cherry Tomato)—A novelty of sterling merit, introduced from Japan. It is of striking appearance, producing bright red fruits, which are enclosed in a semi-transparent calyx or leafy capsule, about 3 inches in length and from 7 to 8 inches in circumference; bright orange scarlet in color when nearing maturity. Should be treated in the same way as tomatoes, to which it is related, and will make a fine display during fall months. Pkt. 5c.



PLATYCODON GRANDIFLORA

A hardy perennial plant from Japan which produces all summer an abundance of star-shaped flowers 3 inches across, last a long time. Pkt. 10c.

POLYANTHUS

These rank undoubtedly among the prettiest of plants for borders, rockeries, etc. When once established they grow in any common soil, but succeed best in rich soil and position somewhat moist and shaded. 1 ft. H. P. E. to L. Mixed, 10c.

POPPIES, Single

DANEBOG—Brilliant scarlet with silvery white spot on each petal forming a white cross. Pkt. 5c.

NEW PEACOCK—Vivid scarlet and cherry crimson with glossy zone near base of petal. Pkt. 5c.

SINGLE—All colors and varieties mixed. Pkt. 5c.

SHIRLEY—Silk or Ghost Poppy—Shades of terra cotta and combinations of this with pink and scarlet render them one of the most beautiful varieties. Pkt. 10c; 3 pkts. 20c.

POPPIES, Double Varieties

FAIRY BLUSH POPPY—Improved double-fringed flowers, white, tipped with rose. Pkt. 10c.

DOUBLE—All colors and varieties mixed. Pkt. 5c.

PAEONY FLOWERED—Flowers in size and color equal to Paeonies. Mixed. Pkt. 5c.



Peony Flowered

KRAMER'S MIXTURE OF POPPIES

This beautiful mixture of double and single varieties embraces everything in the line of Poppies that is showy, handsome, brilliant and effective, in single, semi-double and double annual and perennial sorts. Pkt. (500 seeds), 10c.

At quoted prices we pay postage or express on Flower and Vegetable Seeds regardless of quantity ordered.

POPPY, NEW ORIENTAL HYBRIDS

A fine collection of the best of this beautiful hardy variety. Pkt. 20c.

POPPY, ICELAND, NEW HYBRIDS

The loveliest of all Poppies, embracing a great variety of colors. Pkt. (1000 seeds), 15c.

ADMIRAL POPPY

Single paeony flowered, pure white with a broad band of brilliant scarlet around the top. Pkt. 10c.

PORTULACA

In brilliancy and beauty of color Portulacas are unrivaled. They delight in sunny situations and light soils, where they rapidly cover the ground, each plant covering a space of about 15 inches in diameter; 6 inches. T. A. I. L. Finest single mixture. Pkt. 5c.

DOUBLE ROSE FLOWERED MIXTURE—Unsurpassed for brilliancy of color and of great beauty. Pkt. 10c.



Single Portulaca

PRIMULA

The Chinese Primrose is one of the finest pot plants for winter and spring blooming in the house or conservatory; very profuse flowering being in almost constant bloom all winter. Green house perennial.

FIMBRIATA, ALBA AND RUBBA—M. Mixed. Pkt. 25c.

OBCONICA—A beautiful blooming Primrose, bearing on long stems, heads containing 10 to 15 flowers. In bloom nearly the whole season. Mixed. M. Pkt. 10c.



Primula Obconica

MEXICAN PRIMROSE

(*Oenothera Rosea*)

Of a spreading habit, flowers three inches across. They are useful for pots and outdoor. Will thrive in almost any location. M. T. E. to L. Pkt. 10c.

PRIMULA FOBESI—The "Baby Primrose"

One of the prettiest of pot plants. It begins to bloom in three months after sowing, and continues to produce flowers for ten months in succession. The flowers are very graceful, not quite half an inch across, and are a most pleasing rose color with a yellow eye. They are borne on erect stems 10 to 12 inches high, in tiers. Pkt. (100 seeds) 10c.

PYRETHRUM (Feverfew)

AUREUM (Golden Feather)—Beautiful golden-leaved bedding plant. O. M. Pkt. 5c.

QUEEN ANNE'S SWEET SCENTED POCKET MELON

This is a great curiosity and useful fruit. Grows on trellises, makes a pretty vine, and very showy fruit which has a delicious perfume; carried in the pocket or laid on mantel or table imparts a delicious fragrance; served with sugar makes a dainty dessert. Pkt. (20 seeds) 10c.

RHODANTHEA (See Everlastings)

RICINUS (Castor Oil Bean) (See Castor Oil)

ROSE NEW DWARF POLYANTHA

They bloom in four months after sowing. A very dwarf and profuse bloomer producing single, semi-double and double flowers in clusters. Pkt. 15c.

SALPIGLOSSIS

A class of highly ornamental autumn flowering plants with beautiful veined and tinted-shaded flowers rendering them effective in beds and borders. A choice annual. Height 1 1/2 ft. Hh. H. **GRANDIFLORA**—Finest mixture of new large flowering varieties. Pkt. 5c.

NEW EMPEROR

SALPIGLOSSIS

A very fine improvement on the older type in its increased size of flowers, their improved shape and large variety of colors. Pkt. (250 seeds, 15c.

SALVIA

CLARA BEDMAN—About 2 1/2 feet high with long spikes of brilliant scarlet flowers. Pkt. 10c.

SALVIA SPLENDENS—(Scarlet Sage)—A hedge of these beautiful Salvias is a sight to behold. They are a blaze of color the whole summer and fall. Pkt. 5c.

ZURICH—This is the earliest blooming of the Flowering Sage. Dwarf



Salpiglossis

and compact, flowers bright scarlet. Pkt. 20c.

"FIREBALL" (Flowering Sage)—One of the best dwarf varieties, early flowering. Pkt. 15c; 2 pkts. 25c.

SANVITALIA

Dwarf growing free flowering plants; excellent for small beds or rock-work. Double golden-yellow flower. H. A. I. L. 1/2 foot. Pkt. 5c.

SCABIOSA (Morning Bride, or Sweet Scabius)



Salvia Spendens

One of the handsomest border plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets, etc. H. A. I. L. 1 to 2 feet. Mixed colors. Pkt. 5c.

SNOWBALL SCABIOSA—Flowers 2 inches in diameter, of purest snow white; very double. Pkt. 10c.

SCHIZANTHUS, or BUTTERFLY FLOWER

SCHIZANTHUS HYBRIDUS GRANDIFLORA

—The Poor Man's Orchid—Literally covered with beautiful, orchid-like flowers. It grows well if sown in the open ground in May, where it is to bloom. Pkt. 10c.



Sedum

SEDUM (Stone Crop)

A dwarf little plant, growing freely on rock-work, vases, old walls, etc. Height 3 inches. H. A. I. M. **Coeruleum**—Blue. Pkt. 5c.

SILENE (Catch-Fly)

A beautiful early free-blooming plant, adapted for beds, borders or ribbon gardening; of easy culture, growing in any garden soil. H. A. E. I. 1 foot. Mixed. Pkt. 5c.

SOLANUM

JERUSALEM CHERRY—Very beautiful

producing in abundance bright colored fruit about the size of a cherry. C. P. I. L. M. Pkt. 10c.

STOKESIA CYANEA

A rare and beautiful hardy perennial, easily raised from seed and will flower the first year if sown early. Handsome lavender-blue aster-like flowers. Pkt. 15c.

STOCK—TEN WEEK

One of the most important of our garden favorites, and is unsurpassed either for brilliancy of color, fragrance, profusion and duration of bloom. H. A. A. E. I. M.

DWARF GERMAN—15 inches. Mixed. Pkt. 10c.

FIRE FLAME—Pkt. 10c.

SNOWFLAKE STOCK—The earliest flowering White. Pkt. 10c.

SWEET PEAS

SOW VERY EARLY AND COVER ABOUT FOUR INCHES DEEP

Prices, except where noted, pkt. 5c; oz. 15c.

AURORA—SPENCER—Color, flaked and striped bright orange salmon, and white ground. Pkt. 10; oz. 25c.

APPLEBLOSSOM — SPENCER — Bright rosy pink. Pkt. 10c; oz. 25c.

EMILY HENDERSON—Snow white.

MISS BLANCHE FERRY—White and pink.

PRIMA DONNA—A beautiful light rose pink.

GLADYS UNWIN—A beautiful pale rosy pink, one of the finest.

MRS. WALTER WRIGHT—One of the largest and finest of the lavender colored varieties.

BLACK NIGHT—Deep maroon.

DAINTY—White with pink edge; unique.

DOROTHY ECKFORD—The grandest pure white; giant flowered.

EARLIEST OF ALL—Ten days earlier than Blanche Ferry. White and pink.

FLORA NORTON—Beautiful rich light lavender.

COUNTLESS OF SPENCER—Very pale pink, darker edge. Pkt. 10c; oz. 25c.

GEORGE HERBERT—Standard rosy magenta, wings deep carmine. Pkt. 10c; oz. 25c.

PRIMROSE—SPENCER—Primrose. Pkt. 10c; oz. 30c.

WHITE—SPENCER—Pure white. Pkt. 10c; oz. 40c.

LORD NELSON—Deeper and richer than Navy Blue.

NORA UNWIN—Giant white. Pkt. 10c; oz. 25c.

KING EDWARD VII—Best dark rich red.

HON. MRS. E. KENYON—The best yellow to date.



Sweet Pea

SPECIAL

KRAMER'S MAMMOTH MIXTURE OF SWEET PEAS

This is one of the most complete and thoroughly up to date mixtures in existence. It is mixed from a carefully prepared formula which is revised each year. The daintiest colors of all the Spencers, Large Flowering and Unwin types as well as darker combinations make a garden planted with these a continued joy and surprise. Lb. \$1.50; ½ lb. 85c; ¼ lb. 60c; oz. 45c; pkt. 5c.

ECKFORD'S MIXED—The superb English strain, famous in Europe and America. Pkt. 5c; oz. 45c; ¼ lb. 50c; lb. \$1.25.

SWEET WILLIAM

(Dianthus Barbatus)

SINGLE GIANT FLOWERED—An improvement on older sorts, both in variety of colors and size of flowers and trusses. Pkt. (100 seeds) 10c.

DOUBLE GIANT FLOWERED—Same as above except that the flowers are double. Pkt. (100 seeds) 10c; 3 pkts. 25c.



Sweet William

THUNBERGIA (See Climbers)

TORRENIA FOURNIER

Large sky-blue flowers with 3 indigo-blue spots and a bright yellow throat; especially suitable for porch culture. T. A. I. L. M. Pkt. 10c.

VERBENA

MAYFLOWER—A lovely delicate pink and delightfully fragrant, resembling the Arbutus or Mayflower. Pkt. (75 seeds) 10c; 3 for 25c.

MAMMOTH FLOWERED—Flowers nearly twice the size of the ordinary sorts, very brilliant colors and large, distinct eyes. Mixed. Pkt. 5c.

MAMMOTH—White, scarlet and purple. Each, pkt. 5c.

VINCA

Ornamental, free-blooming plants; they flower from seed, if sown early, the first season, continuing until frost; or they may be potted and kept in bloom through the winter. 2 feet. T. P. I. L. M. Mixed. Pkt. 10c.

SWEET VIOLETS

V. BLUE—The old-fashioned sorts. Pkt. 5c.

VIRGINIA STOCKS (Cherianthus Meritimus)

Very pretty free-flowering plants; red flowers. H. A. E. I. Pkt. 5c.

WALL FLOWER (Gold Lack)

Flowers borne in dense spikes, large, deliciously fragrant, rich colors. Great favorite, especially with the Germans. T. P. E. to L. M.

SINGLE—Mixed. Pkt. 5c.

DOUBLE—Branching sort. Extra mixed. Pkt. 10c.

WILD FLOWER GARDEN

Our Wild Flower Garden Mixture consists of many varieties of beautiful easy-growing flowers, producing a constant and varied bloom the whole season, for sowing in shrubbery, under trees and on which no care will be bestowed, or even for sowing in exposed situations where wildness is preferred to order and precision. The mixture comprises mignonette, candytuft, larkspur, marigolds, poppies, foxgloves, and many other garden favorites, which will flower successfully and yield an abundance of bloom. Large pkt. 10c; ½ oz. 20c.



Double Wallflower.

WILD CUCUMBERS

(See Climbers)

XERANTHEMUM

(See Everlastings)

ZINNIA

ALBA—Double; pure white. Pkt. 5c.

ELEGANS—fl. pl.—Finest double varieties, mixed; large flowering. Pkt. 5c.

DOUBLE LILLIPUT—About 15 inches high; very beautiful double flowers. Pkt. 10c.



Double Lilliput Zinnia.

VINES AND CLIMBERS

ADLUMIA (Mountain Fringe)

An attractive climbing plant with pale green foliage, bearing small pink and white blossoms in abundance. H. B. I. to L. 10c.



Adlumia

BALLOON VINE

(Love in a Puff)

A pretty, rapid growing climber, very ornamental; thrives best in a light soil in a warm situation; 5 feet; flowers white. H. H. A. I. L. Pkt. 5c.

CANARY BIRD FLOWER

One of the most charming climbers, bearing an abundance of yellow fringed flowers; 10 feet. H. H. A. I. L. Pkt. 10c.

CENTROSEMA GRANDIFLORA

Hardy perennial vine; rare beauty; blossoms early in June from seed sown in April; bears in greatest profusion inverted pea-shaped flowers 1½ to 2¼ inches in diameter, color ranging from rosy velvet to reddish purple, broad feathered, white mark in center; large buds and backs of flowers pure white. Pkt. 10c.



COBOEA SCANDENS.

COBOEA SCANDENS

Handsome, bell-shaped, purple flowers. 20 feet. T. P. M. L. to L. Pkt. 10c.

CYPRUS VINE

A most beautiful well-known climber. T. A. I. L. Mixed. Pkt. 5c.



Cyprus Vine

DOLICHOS

(Hyacinth Bean)

A fine climber with edible seeds; flowers white, purple or lilac. Height 10 feet. H. A. I. L. Mixed. Pkt. 5c.

GOURDS—ORNAMENTAL

Handsome climbers of rapid growth, producing fruit of peculiar and various forms. Tender annuals. Many sorts in finest mixture. 5c.

CHINESE BOTTLE GOURD

Used by the Chinese for carrying water; very useful. Pkt. 15c.

JAPAN HOP

(Humulus Japonica)

JAPONICUS—(Japan Hop)—Rapid summer climber, in 3 or 4 weeks attaining a height of 20 to 30 feet. It is one of the best plants for covering verandas, trellises, etc. Pkt. 5c.

JAPONICUS FOL. VAR.—(Variegated Leaved Japan Hop). Leaves rich green,

blotched and marked with white and gray. Pkt. 10c.

LATHYRUS

(Everlasting Pea)

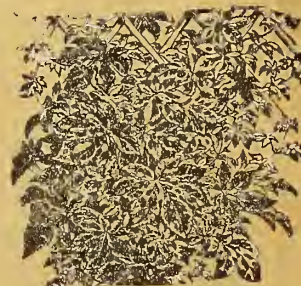
Very ornamental free flowering plants, growing in any soil. Useful for covering trellises, verandas, etc. 6 feet. H. P. I. Mixed. Pkt. 5c.

MAURANDIA

An elegant climbing perennial; flowers produced in profusion. Fine mixed. Pkt. 10c.

MOON VINE

White. Pkt. 10c.



Variegated Japan Hop

WILD CUCUMBER

Quickest climber known for covering verandas, etc., never suffering from heat. Ah. A. I. Pkt. 10c. See cut page 16.

MORNING GLORY

THE JAPANESE IMPERIAL MORNING GLORIES—They are unsurpassed for beauty of flowers and foliage, freedom of bloom, and rapidity of growth. Pkt. 10c; 3 pkts. for 25c.

NEW DOUBLE—About 80 per cent of the seed may be expected to produce double flowering plants. Pkt. 10c.

MORNING GLORY—(Convolvulus Major)—A well known climber, free-flowing; succeeds in almost any situation; height 15 feet. H. A. I. L. Fine mixed. Pkt. 5c.



Japanese Imperial Morning Glories

ers with dark glossy



Smilax

SMILAX

Perennial tuberous-rooted climber; foliage, small white flowers; one of most desirable green-house climbers. M. Pkt. 10c.



Smilax

THUNBERGIA

Beautiful climbers for greenhouse or garden. Profuse bloomer; handsome foliage and flowers. Height 4 feet. Hh. A. I. L. Mixed, all colors. Pkt. 5c.

for after treatment or results. Please remember this. Do not delay a day, week, or month, but notify us promptly and we will rectify or make good any just claim. Orders for plants to be sent by mail will be held till we consider it safe to send without danger of freezing. If ordered mailed earlier they will go at your risk. Express rates have again been greatly reduced and we recommend that all plants be shipped in this way as they can be shipped at any time with perfect safety. When shipped by express the earth goes with every plant; in this way the roots are not disturbed and plants arrive in better condition than when sent by mail as the earth is removed when packing for mail. When plants are received, especially those sent by mail, they should be potted, in as small pots as possible, watered and kept in partial shade for a few days till plants start to grow. Do not over-water, as it would do more harm than good.

EXTRA SPECIAL

For an order of 5 plants or more at postpaid prices you may deduct 15 per cent, or for an order of 10 plants or more you may deduct 20 per cent from amount when remitting. This offer does not include anything except plants listed as postpaid.

Keep your plant orders separate from seed orders and write only one item on a line.

ABUTILONS

GOLDEN FLEECE—Beautiful yellow; free bloomer. Postpaid 15c; by mail 10c.

ECLIPSE—A pretty trailing variety; foliage beautifully marked with deep green and yellow. Flowers deep orange and yellow with crimson throat; fine for vases or large hanging baskets. Postpaid 20c; by express 15c.

ERECTA—Flowers stand up erect instead of hanging pendulous as in other varieties. Color, a beautiful orange pink; very attractive. Postpaid 15c; by express 10c.

SNOW STORM—Pure white. Postpaid 15c; by express 10c.

FIRE KING—Fine fiery red flowers. Postpaid 15c; by express 10c.

SOUV. DE BONN—Green leaves distinctly edged with white. Flowers gold and yellow veined with scarlet. Postpaid 15c; by express 10c.

SAVITSI—Dwarf grower, leaves green with a broad, clear, pure white band; very beautiful. Postpaid 20c; by express 15c.



Abutilon Savitsi

EVERLASTING FLOWERS

These are not only very ornamental during the summer, but very pretty for winter decoration; lasting for years when cut and dried. All of these will grow in common garden soil.



ACROCLIN-EUM

Mixed, 5c.

AMMOBIUM

White, on long stems. Pkt. 5c.



Wild Cucumber

GOMPHRENA, or GLOBE AMARANTH

Clover-like heads, mixed, 5c.

GOMPHRENA or GLOBE AMARANTH.

HELICHRYSUM

All colors mixed; splendid for bouquets; can be dyed any color. 5c.

RHODANTHE

Mixed; very pretty sort. 10c.



Xeranthemum

XERANTHEMUM

Double; mixed. 5c.



Ornamental Grasses

ORNAMENTAL GRASSES

These are most useful for winter bouquets. Easily grown in any soil. Pkt. 10c; 3 for 20c.

FLOWERING AND ORNAMENTAL PLANTS

We pay the postage on the first or small size plants unless otherwise quoted. This is the only size we send by mail. All large plants or plants not quoted as prepaid will be shipped by express at purchaser's expense. No plants shipped by freight except at the risk of purchaser. We do not guarantee plants or shrubs of any kind to grow but do guarantee safe arrival when shipped either by express or mail. If received in bad order or if there has been any mistake we must be notified at once, otherwise we will not be responsible, as we positively will not be responsible

ACHYRANTHUS

These plants are valuable mainly as ribbon lines or border plants where high colors are wanted. Three varieties. Price postpaid 15c; by express 10c; 75c doz.

AGAPANTHUS

UMBELLATUS (Blue Lily of the Nile)—Clusters of bright blue flowers on long flower stalks. Postpaid 60c; by express 50c.

ACALYPH (Shrubby Coleus)

Grand bedding plants, used in finest park beds; leaves attractive as an autumn maple.

MILONIANA—New. The leaf is narrow, notched and very sharp pointed. The color is bright green, bordered with creamy white; short jointed and a very rapid grower. Postpaid 20c; by express 15c.

MACAFEANA—Brownish red leaf; makes an elegant lawn bed. Postpaid 25c; by express 20c.

MARGINATA—Same color, rose border. Each postpaid 25c; by express 20c.

SANDERS or **CHENILLE PLANT**, which see.

AGERATUM

Fine winter or summer flowering plants, well adapted for bouquets or cut flowers, etc.; of easy culture. Blue or white, postpaid 15c; by express 10c each; \$1.00 per dozen.

ACHANIA MALAVISCUS

The upright flowering Fuschia; fine bedding and house plant; brilliant scarlet flowers. Postpaid 20c; by express 15c to 25c.

ACHILLEA (See Hardy Plants)

ALTERNANTHEA

No plants are so well adapted to carpet bedding as these. As the dwarf habit admits of pruning, they can thus be kept low and bushy. Postpaid 15c; by express 10c each; 75c per doz.

PARYCHOIDES MAJOR—Bronze, tipped with red; the brightest and most showy of all.

AUREA NANA—Yellow and green.

AGATHEA BLUE DAISY

CELESTIS—The showy, daisy-like flowers of this little plant are handsome and very desirable for cutting. Flowers light blue, disc yellow. Postpaid 15c each; by express 10c each.



Agathea

ALMONDS

(See Hardy Plants)

ALOYSIA CITRADORA

LEMON VERBENA—A well-

known plant, the value of which consists in the delightful fragrance of the foliage; indispensable for bouquets. Postpaid 15c; by express 10c each.

ALYSSUM SWEET

Postpaid 15c each; by express 10c each.
DOUBLE—Pure white and very double.
TOM THUMB—Dwarf; never higher than 6 inches.

AMARYLLIS

JOHNSONII—An interesting class of bulbs, desirable for growing in pots; showy flowers, very attractive, handsome; dark red ad with white stripe. Postpaid 60c; by express 50c and \$1.00 each.

AMOMUM MELEGUETTA

Belongs to the ginger family; produces cardomon seeds of commerce; growth resembles miniature Cannas; very pretty pot plant; fragrant. Postpaid 30c; by express 25c.

AMPELOPSI (See Hardy Plants)

ANTHERICUM

REPENS VITATUM VAR—A beautiful plant for hanging baskets and vases. Foliage of a bright green beautifully striped and margined with creamy white on the leaves. Postpaid 30c; by express 25c.



ARAUCARIA EXCELSA.

AQUILEGIA (See Hardy Plants)
ARAUCARIA EXCELSA
 Norfolk Island Pine)

This beautiful plant resembles the pine somewhat in appearance, though much finer in texture; it is particularly adapted to table decoration. It is most unique in appearance, the branches being arranged in neat, symmetrical whorls. Plants 6 to 7 inches high, with 2 to 3 whorls, postpaid \$1.75; by express \$1.50 each; plants 12 to 14 inches high, with 3 to 4 whorls, \$2.00 each; 10 to 20 inches, 4 whorls, \$3.00.

ARISTOLOCHIA

(See Hardy Plants)

ARTILERY PLANT

(See Pilea)

ASPARGUS PLUMOSUS
 (Climbing Lace Fern)

Fine and lace-like foliage, very beautiful. Postpaid 15c; by express 10c, 25c, 50c and \$1.00 each.

ASPARGUS SPRENGERI

An elegant basket or vase plant with fresh green feathery foliage. Postpaid 15c; by express 15c, 25c, 50c and \$1.00 each.



Asparagus Sprengeri

ASPIDISTRA VARIEGATA

One of the best winter plants, standing dust and gas well; leaves 8 to 12 inches long and 4 to 6 inches wide; deep green, distinct creamy white stripes; splendid for ferneries or wardenian case. Postpaid 50c; by express 50c, to \$3.00 each.

BARBERRY

(See Hardy Plants)

BEGONIAS
 Rex Varieties

One of the most beautiful ornamental leaved house plants, of which we have many choice varieties. Postpaid 30c; by express 25c to \$1.00 each.



Aspidistra

BRIDAL WREATH (See Spires in Hardy Plants)

BOUGAINVILLE GLABRA SANDERINA

(New)—Beautiful plant, producing in great profusion its dazzling rosy-crimson flowers. Begins to bloom when quite small—a continuous free blooming plant that should be in every collection. Postpaid 25c; by express 20c, 50c and \$1.00 each.

BRUGMANSIA

(**GHOST FLOWER, or ANGEL'S TRUMPET**)—Mammoth sweet-scented, pure white, trumpet-shaped flowers 8 to 12 inches in length. Price, postpaid 30c; by express 25c.

BOSTON IVY (See Ampelopsis in Hardy Plant Lists)

BIGNONIA, or Trumpet Creeper (See Hardy Plants)

BLANKET FLOWER (See Gaillardia, Hardy Plants)

BLEEDING HEART (See Dielytra in Hardy Plants)

FLOWERING BEGONIA

In great Varieties, Postpaid 20c each; by Express 10c, 15c, 25c and \$1.00 each.

BEGONIAS—Tuberous Rooted—Flowers ranging through all shades of crimson, scarlet, rose, orange, etc. Excellent for bedding purposes, especially in a shady situation. Single varieties, dry bulbs. Postpaid 15c; by express 15c each, \$1.50 per dozen. Started bulbs, 25c each.

CALLAS

AETHIOPICA, or LILY OF THE NILE—Postpaid 25c; by express 25c, 50c and \$1.00 each.

RICHARDIA ALBA MACULATA—(Spotted Calla) — Beautiful spotted leaves, pure white shaded with violet inside. It is a delicious plant and should be kept dry in winter and started in the spring like a Dahlia. Postpaid 15c; by express 10c to 75c each.

CALADIUM ESCULENTUM
 or Elephant Ear Plant

The leaves of this plant grow to an immense size, sometimes 2 feet wide and 3 feet long. Dry bulb, postpaid 15c, 25c and 50c each. Started bulb, by express 25c and \$1.00 each.

FANCY-LEAVED CALADIUMS

Leaves variegated, red, yellow, white, brown, green, etc. Many choice varieties mixed. Dry bulbs, postpaid 25c. Started bulbs, by express 50c to \$1.00 each.



Fancy-Leaved Caladiums

CANNAS



Canna

The great size of truss and flowers which are produced in various shades of yellow and red combined with the large and stately foliage of green or bronze make this one of the most beautiful lawn plants. As a background for other plants or used alone they produce a pleasing and artistic tropical effect not found in any other plant. When ordering, state color of flower and foliage wanted, also tall or dwarf growing, and we will send you choice selection from our large collection of standard varieties.

Started bulbs, postpaid 20c; by express 15c ea., \$1.50 doz.

CARNATION

Of this popular flower we have only the best varieties in red, white, light pink and dark pink. When ordering state color wanted.

Price of small plants for spring delivery only, postpaid, 15c; by express 10c each.

Price of large plants for fall delivery only, by express, 25c each.

CENTAUREA GYMNOCARPA

An elegant border plant with silvery gray foliage, also fine for vases and baskets. Postpaid 15c; by express 10c and 75c per dozen.

CESTRUM

PARQUI — (Night Blooming Jasmine)—Small, greenish-white blooms, with a delightful odor, which is dispensed freely during the night only. Postpaid 30c; by express 25c each.



Carnation

EXTRA SPECIAL—15 and 20 per cent discount on plants by mail. See page 16.



Chenille Plant

CHAEONSTEMMA HISPIDA

Free-flowering, star-shaped and pure white, about 1/4 of an inch in diameter. Postpaid 15c; by express 10c, 15c and 25c each.

CHENILLE PLANT
(*Acalypha Sanderi*)

The spikes, which appear in pairs from the axils of the leaves, grow from 1 to 2 feet in length. They are of bright crimson color, drooping and mixing with the green foliage with charming effect. For bright and curious effect it has no equal. Postpaid 30c; by express 25c.

CHINESE MATRIMONY VINE
(See Hardy Plants)

CHRYSANTHEMUM

We eliminate the long list of varieties as it is often confusing and hard to decide which to order. Our list is large and comprises all sizes and shades of color known in chrysanthemums. When ordering state which you want, large, medium or small



flowering, also color and will make selection which is sure to please. Postpaid, 15c each; by express, 10c; \$1.00 per dozen. For fall delivery can furnish only large flowering plants. By express 50c to \$3.00 each, according to size.

COBEA SCANDENS

A remarkably rapid climber, often attaining a height of 60 feet in a season, with beautiful foliage, and producing large purple, bell-shaped flowers in great profusion during the fall months. Postpaid 20c; by express 15c and 25c.

COCOLOBA PLATYCLADA

Curious, flat-stemmed, fern-like plant. Fine for baskets. Postpaid 15c; by express 10c and 25c.

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 sweet potato. The vine is a beautiful, rapid grower, producing sweet-scented flowers. Postpaid 15c; by express 10c; 75c per dozen.

CLEMATIS (See Hardy Plants)

CLERODENDRON

BALFOUR—Bright scarlet flowers, with creamy white calyx; a profuse bloomer, young plants a foot high often bearing several clusters. A strong and rapid grower; can be grown with success as a pot plant in the house or planted as a summer climber in the garden. Postpaid 30c; by express 25c.



Cinnamon Vine

The best of all ornamental foliage plants for summer bedding; fine for edging large beds or massing by themselves. Very tender and should not be planted until all danger of late frost is over. Postpaid 10c; by express 10c each; 75c per dozen.

FANCY COLEUS

BRILLIANCY—The finest Giant Coleus ever offered. The color is a bright carmine, shading off to a deep maroon, the margins of the leaves bordered with yellow and green and having a rich velvety lustre; leaves very large, often 9 to 10 inches long. Postpaid 15c; by express 15c, 25c and 50c each.

TWO NEW CROTON-LEAVED COLEUS

ANNA PFISTER—Pointed leaves with deep scalloped edges, giv-

ing it a Croton-like appearance. Color bright golden-yellow, intermingled with green and crimson, very dwarf.

JOHN PFISTER—Same as above except color, which is a bright crimson edged and topped with gold.

Either variety postpaid 15c; by express 10c; 75c per dozen.

COLUMBINE (See Aquilegia under Hardy Plants)

COREOPSIS (See Hardy Plants)

CORNUS (See Hardy Plants)

CORONILLA GLAUCA

A vining plant bearing bright yellow pea-shaped flowers, which are very fragrant. Postpaid 20c; by express 15c.

CRAB (See Hardy Plants)

CUPHEA

CUPHEA LIAVAE—Flowers red, white and blue, fine for baskets, vases and a border plant. Postpaid 15c; by express 10c.

PLATYCENTRA (*Ladies' Gigar Plant*)—Very useful as a ribbon line or front border plant. Postpaid 15c; by express 10c.

CLEMATIS JACKMANII—See list of Hardy Plants.

CYCLAMEN

One of the finest winter blooming plants grown, and deserves to be cultivated more generally. The bulbs we offer are fine and of good strain. Postpaid 35c; by express 25c, 50c, \$1.00 and \$2.00 each.

CYPERUS ALTERNIFOLIUS (*Umbrella Plant*)

Postpaid 15c; by express 10c, 25c, \$1.00 and \$2.00 each.



Umbrella Plant.

DAHLIAS

Dry roots, red, white, pink, yellow and variegated. Small or divided roots, postpaid 25c; by express 20c; extra large undivided roots 50c.

DAISY

DOUBLE ENGLISH—Very double; pure white and pink flowers. Blooms freely and makes a fine plant for growing in beds alone or with pansies. Each, postpaid 15c; by express 10c; \$1.00 per doz.

BLUE DAISY (See *Agatha*)

MARGUERITE DAISIES (See *Marguerite*)

SHASTA DAISY (See *Hardy Plants*)

DAY LILY (See *Funkia* in *Hardy Plants*)

DELPHINIUM (See *Hardy Plants*)

DIELYTRA (See *Bleeding Heart* in *Hardy Plants*)

DIGITALIS (*Foxglove*) (See *Hardy Plants*)

DOGWOOD (See *Cornus* in *Hardy Plants*)

EUPHORBIA SPLENDENS

(*Crown of Thorns*)

This is a curious plant, having but few leaves, densely covered with spines an inch in length; blooms freely summer and winter; bright scarlet flowers with yellow center. Postpaid 25c; by express 25c, 50c, \$1.00 and \$3.00 each.

FORSYTHIA (*Golden Bells*)

(See *Hardy Plants*)

FARFUGIUM

GRANDE—Its large, circular leaves often nearly a foot across, thickly spotted with creamy white and yellow. Keep it in the shade. Postpaid 30c; by express 25c and 50c.

FERNS

OSTRICH PLUME FERNS—Long broad plume-like fronds. Postpaid 20c; by express 15c, 25c, 50c and \$1.00, \$2.00 and \$3.00.

TABLE FERNS—These are small ferns used for table fern dishes, a combination of the different varieties. Make a most beautiful ornament. In great variety. Postpaid 20c; by express 15c each.

BOSTON SWORD FERN—Long, broad, drooping fronds. Each, postpaid 20c; by express 15c, 25c, 50c, \$1.00 and \$2.00



Sword Fern—Cordats Compacts

NEPHROLEPIS-SCOTTII—Of much dwarfer and busbler growth than the Boston Fern. Price, postpaid 20c; by express 15c, 25c, 50c and \$1.00. Extra large \$3.00 to \$5.00.

FEVERFEW

LITTLE GEM—Double white. Postpaid 15c; by express 10c, \$1.00 per dozen.

FORGET-ME-NOT

Charming blue flowers. Each, postpaid 20c; by express 15c.

FOXGLOVE (See Digitalis in Hardy Plants)

FICUS

ELASTICA—(Indian Rubber Tree)—Very large, smooth leathery leaves; evergreen, foliage; generally esteemed as one of the finest house plants grown, plants growing to a large size and producing enormous green leaves. Postpaid 50c; by express 50c and \$1.00. Large plants, \$3.00 to \$10.00.



Ficus Elastica

FUCHSIAS

TRAILING QUEEN—

Branches spread out and droop downward, continuing this way until the vines are 4 ft. or more in length. Corolla deep velvet purple, changing to crimson; buds, tubes and sepals rosy scarlet. Postpaid 20c; by express 15c, 25c and 50c.

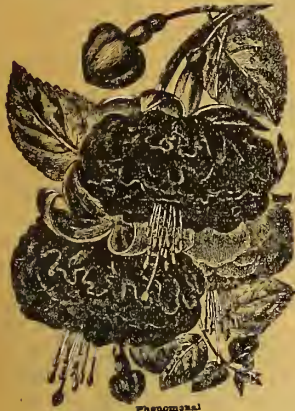


TRAILING QUEEN FUCHSIA

NEW FUCHSIA AUTUMN LEAVES—Drooping habit. The foliage coloring is wonderful and best described by its name. Long streamers of green, red, bronze and gold, terminating with its beautiful clusters of rosy-scarlet flowers blending in perfect harmony, is magnificent. Postpaid 25c; by express 20c.

SUNRAY—A novelty in the Fuchsia family. Very different from the other varieties in that their beauty lies in the foliage, from which it gets its name. All the colors of the sunset, clear yellow golden bronze and red are combined in the most effective way to make a pretty foliage plant. Each, postpaid 25c; by express 20c.

MRS. E. G. HILL—The grandest white Fuchsia ever grown. The tube and sepals are a bright reddish crimson, corolla white, extra large and very double. Same as Phenomenal except color. Postpaid 20c; by express 15c each.



MRS. E. G. HILL

PHENOMENAL—The largest Fuchsia grown. Tube and sepals bright coral red, corolla, richest violet. Postpaid 20c; by express 15c.

GEM OF LAVINGTON—Large single corolla; rosy carmine tinted violet. Postpaid 15c; by express 10c.

SPECIOSA—Fine bluish rose tube and sepals, reddish corolla good for winter blooming. Postpaid 15c; by express 10c.

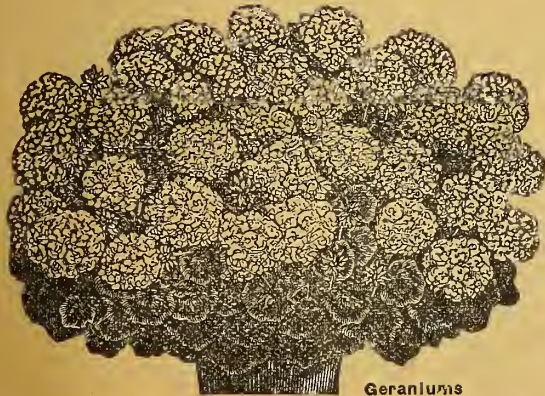
GUIDING STAR—Sepals bluish; corolla purple. Postpaid 15c; by express 10c.

LITTLE BEAUTY—Dwarf growing. A most free-blooming variety, seldom without flowers. Sepals carmine, corolla deep lilac. Single, postpaid 20c; by express 15c.

FUNKIA DAY LILY (See Hardy Plants)

GAILLARDIA (Blanket Flower) (See Hardy Plants)

GERANIUMS



Geraniums

EXTRA SPECIAL—15 and 20 per cent discount on plants by mail. See page 16.

The most popular of all bedding plants. The great variety, richness of color and profuse blooming qualities are unequalled. Our collection contains the best in double and single. Order by color. Price, postpaid 15c; by express 10c, 15c, 25c and 50c each.

FRAGRANT GERANIUMS—Postpaid 15c; by express 10c each.

SKELETON—Rose scented.

ROSE—Rose scented.

MRS. TAYLOR—Foliage scented; flowers scarlet.

OAK LEAVED—Leaves marked with black. Resembles the leaf of oak tree.

VARIEGATED GERANIUMS

VARIEGATED—Rose scented. Postpaid 25c; by express 20c.
MOUNTAIN OF SNOW—Silver variegated leaves. Flowers single; bright scarlet. Postpaid 15c; by express 10c.

HAPPY THOUGHT—Large yellow blotches in center of leaf, with an outer bank of green at the margin; flowers rich magenta rose. Postpaid 15c; by express 10c.

MAD. SALLEROI—(Silver Variegated)—Very compact; fine for massing or bordering; 10 inches. Leaves very small, of a peculiar green, edged pure white. Postpaid 15c; by express 10c.

MRS. POLLOCK—(Golden Tricolor)—Bronze scarlet zone. Postpaid 25c; by express 20c.

BRONZE—Red zone on a fine yellow ground. Postpaid 15c; by express 10c.

WILLIAM LANGGUTH—(New Silver-Leaved)—Beautiful deep green foliage with broad, pure snow-white band. Most free-flowering of all its class. Flowers double, bright red, large. Postpaid 25c; by express 20c.

IVY LEAVED GERANIUM

Postpaid 15c; by express 10c, 15c, 25c.

GALILEE—Flowers very large and double, fine rose color.

JOAN OF ARC—The flowers are perfectly double and white.

CHARLES TURNER—Best bloomer. Color, light scarlet with soft rose tint. Two upper petals veined maroon-crimson.

NEW PELARGONIUM

EASTER GREETING—Flowers large and free; bright amaranth red, each petal marked with a large black blotch. This variety is distinct, and remarkable on account of its long blooming season, not only producing its prime crop very early in the spring, but ordinarily continuing throughout the summer and fall. Very beautiful. Postpaid 35c; by express 30c, 50c and \$1.00 each.

PANSY GERANIUM

A very beautiful and popular variety of Pelargonium with medium size flowers. Postpaid 25c; by express 20c, 35c and 50c each.

GLADIOLUS

Well known summer blooming Bulbs

EXTRA FINE—Mixer varieties; light shades. Postpaid 5c, 60c per dozen; by express 5c, 50c per dozen.

CHOICE MIXED—A mixture of light and dark shades. Postpaid 5c, 50c per dozen; by express 5c, 40c per doz.

GLADIOLUS AMERICA—Soft lavender pink. Postpaid 10c, 85c; per dozen; by express 10c, 75c per dozen.

MRS. FRANCISKING—Color light scarlet. Postpaid 10c, 85c per dozen; by express 10c each, 75c per dozen.

AUGUSTA—Pure white, blue anthers. Postpaid 5c, 60c per dozen; by express 5c, 50c per dozen.

BREUCHLEGENSIS—Intense fiery scarlet. Postpaid 5c, 60c per dozen; by express 5c, 50c per dozen.

GLECHOMA HEDERACEA-VAR

A variegated form of the common Ground Ivy which is prettily marked with pure white on a bright green ground; excellent for hanging baskets and fine cemetery planting. Postpaid 15c; by express 10c and 25c.



Glechoma Hederacea

GLOXINIAS

These are among the most showy and beautiful of all our summer bulbous green-house plants; the rosette of velvet green leaves is surmounted with a cluster of trumpet-shaped flowers; the coloring is exquisite, in shades of blue, scarlet, rose, crimson, and white. Mixed colors. Dry bulbs, postpaid 15c; started bulbs, by express 25c each.

GOLDEN BELLS (See Forsythia in Hardy Plants)

GOLDEN GLOW (See Rudbeckia in Hardy Plants)

GYNURA AURANTIACA (Velvet Plant)

Velvet Plant seems an appropriate name. Leaves and stems entirely covered with purple hairs. Any change of position appears to alter the color of the foliage. Price postpaid 25c; by express 20c.

HELIOTROPE

Price, postpaid 15c; by express 10c, 15c, 25c and 50c each.

CHIEFTAIN—Rich velvet. Best winter bloomer.

MAD. BLONAY—The best; nearly pure white; dwarf; very free bloomer.

HIBISCUS

PEACHBLOW (New)—Charming rich, clear pink, with a small and deep crimson center; an entirely new and a most beautiful shade. Postpaid 20c; by express 15c.

COOPERI TRICOLOR—A handsome foliage plant, white, pink, dark red and green mottled. A plant of rare beauty. Postpaid 25c; by express 20c.

MINATUS SEMIPLenus—Semi-double flowers of a brilliant vermilion scarlet. Postpaid 20c; by express 15c.

HOLLYHOCKS (See Hardy Plants)

HONEYSUCKLE (See Hardy Plants)

HYDRANGEA

OTASKA—Very beautiful variety; large clusters of bluish-pink flowers. Postpaid 25c; by express 20c, 50c, \$1.00 and \$2.00 each.

HARDY HYDRANGEA
(See Hardy Plants)

IRIS (See Hardy Plants)

IMPATIENS

SULTANA—Beautiful plant, producing waxy, bright flowers of rosy scarlet almost continuously, winter and summer; suitable for either pot or garden culture. Of compact growth; almost a perpetual bloomer. Each, postpaid 15c; by express 10c, 15c and 25c.

IPOMEEA (See Moonflower)

IVY

ENGLISH—A well known variety; hardy with protection. Postpaid 15c; by express 10c to 50c.

ENGLISH IVY, Variegated—A variegated variety of the well known English Ivy, leaves green and yellow; makes a handsome vine when well grown. Postpaid 20c; by express 15c to 25c each.

GERMAN—Foliage light green; rapid grower. Postpaid 15c; by express 10c and 25c.

JASAMINE

MAID OF ORLEANS—A very attractive new sort with good sized double flowers, blooming profusely all summer; shining pale green foliage; very fragrant. This variety is much more easily grown than the Cape Jasmine and is in every way more desirable. Each postpaid 30c; by express 25c; large plants 50c.

NEW DWARF JUSTICIA

If pinched back occasionally it makes a very dwarf, stocky plant, frequently covered with 20 or 30 large pink flower heads. Postpaid 25c; by express 20c.

LANTANA

Strong growing, very free flowering, bedding, or pot plants, and standing the sun well. Being quite tender, they should not be planted in the ground until the weather becomes warm and settled.

ORANGE, LAVENDER, YELLOW and WHITE. Postpaid 15c; by express 10c each.

BEAUTIFUL WEEPING LANTANA

Graceful drooping habit, with dark green foliage, producing a cluster of flowers at each leaf. The flowers are a most delicate, clear, brilliant, rosy-lilac color. Postpaid 15c; by express 10c.

LARKSPUR (See Delphinium in Hardy Plants)

LEONOTUS (Lion's Tail)

A magnificent species of green-house evergreen shrubs, producing brilliant scarlet flowers. Postpaid 15c; by express 10c.

LEMON

AMERICAN WONDER—In this wonderful Lemon we have the rich, glossy leaves like the Dwarf Orange, which are so easily kept clean. Its blossoms are waxy white, like a Tuberosa, and as fragrant as orange blossoms, producing fruit 5 times as large as the ordinary lemon. The Wonder Lemon must take a place in every good collection of house plants. Postpaid 30c; by express 25c, 50c and \$1.00 each.

LEMON VERBENA (See Aloysia)

LILACS (See Hardy Plants)

LILIES

The Lily is one of the most admired of flowers. Most varieties are hardy and can be planted spring and fall. Plant 3 to 8 inches deep and give a winter covering of straw or coarse manure.

AURATUM—(Gold Banded)—A Japan Lily with immense blooms of white and gold; considered by many the finest Lily. Hardy. Postpaid 30c; by express 25c.

SPECIOSUM ALBUM PRAECOX—Pure white Lily, petals reflexed, center embellished with fine long fringe; finest white variety; hardy. Postpaid 50c; by express 45c.

SPECIOSUM RUBRUM, or ROSEUM—One of the bardiest varieties with flowers red and white, the red varying from a delicate rose to a bright crimson; very fragrant. Postpaid 30c; by express 25c.

LILY OF THE VALLEY (See Hardy Plants)

CLIMBING LILY OF THE VALLEY

(*Withania Origanifolia*)—Also catalogued by some as "Salpiceroa." Grows 20 to 30 feet in height. White flowers similar to those of the Lily of the Valley. Postpaid 20c; by express 15c.

LOBELIA

One of the best and most showy vase and basket plants; also fine hedders and excellent for ribbon lines; dwarf and free blooming; flowers blue. Postpaid 15c; by express 10c; \$1.00 per doz.

DOUBLE LOBELIA—Rich blue and very double. Postpaid 20c; by express 15c.

LOPESIA ROSEA

Fine flowering plants, blooming continually from November to April. Fine for cut flowers. Postpaid 15c; by express 10c.

MANETTA VINE (Bicolor)

Tuhular flowers from 1 to 2 inches in length, flame color tipped with bright yellow; the contrast with the vivid green glossy foliage is startling, making the plant an object of rare beauty. Postpaid 20c; by express 15c.

MADERIA VINE

A favorite climbing plant. Tubers, each, postpaid 5c and 10c; by express 5c and 10c each; 50c and \$1.00 per dozen according to size.

MARGUERITE DAISY

QUEEN ALEXANDRA—New Giant Marguerite Daisy. 2½ to 3 inches in diameter, very beautiful cut foliage. Postpaid 15c; by express 10c, 15c and 25c each.

WHITE—Best white, having a ray of white petals around a salmon disc. Splendid for cut flowers. Postpaid 15c; by express 10c, 15c and 25c each.

MRS. F. SANDERS—Flowers very large and pure glistening white. Double, semi-double and single flowers are often found on the same plant. Very beautiful. Postpaid 15c; by express 10c, 15c and 25c each.

MATRIMONY VINE—Chinese (See Hardy Plants)

MULBERRY, Weeping (See Hardy Plants)

MOONFLOWER (Ipomea)

WHITE AND PURPLE—Each, postpaid 20c; by express 15c.

MINNEAPOLIS VINE

PILOGYNE SAUVIS—It is the quickest, densest, neatest climber we know of. Flowers small, white, and emit the much pleasing musk scent. Postpaid 20c; by express 15c.

DOUBLE YELLOW NASTURTIUM

Yellow with a rich crimson-feathered blotch on each segment. Postpaid 20c; by express 15c each.

OTAHEITE ORANGE

(Dwarf Orange Tree)

A strong but dwarf grower producing in abundance delicious scented flowers, followed by the beautiful small size golden oranges. Very ornamental. Postpaid 30c; by express 25c; large plants \$1.00.

OXALIS

Beautiful bulbous-rooted winter and spring flowering dwarf plants; an excellent basket plant, desirable for pot culture. White or pink. Postpaid 15c; by express 10c each; \$1.00 per dozen.

ORTGIESI, or GOLDEN STAR—Constantly loaded with clusters of bright golden flowers in forms of stars; foliage ornamental, upper surface being a dark olive-green, while the under side is a shining metallic crimson purple. Postpaid 25c; by express 20c.

PAEONIES (See Hardy Plants)

PALMS

COCOS PALM—The most elegant and graceful of all the smaller Palms. Plants 8 inches high, postpaid 60c; by express 50c each.

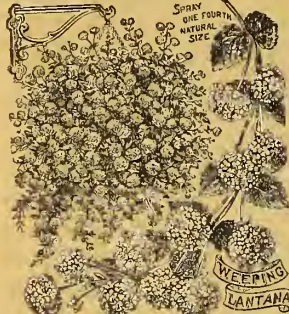
LATANIA BARBONICA—Of easy culture and rapid growth. Large, broad, fan-shaped, glossy dark green leaves. Fine plants with 3 to 4 leaves, 8 to 10 in. high, postpaid 60c; by express 50c. Large plants \$1.00 to \$5.00 each.



Hydrangea



English Ivy



WEeping LANTANA



OTAHEITE ORANGE



Latania

KENTIA BELMOREANA — The most popular parlor Palm we grow. Fine plants with 3 leaves, 10 inches high, postpaid 60c; by express 50c. Large plants \$1.00 to \$5.00 each.



Kentia Belmoreana

PANSIES

The most popular of all the early spring blooming plants. A fine collection, postpaid 10c each; by express 5c each; 60c per dozen.



Pansies

PERISTOPHE

AUGUSTIFOLIA — Dwarf; green, with yellow; variegated leaves; extensively used for massing or edging in ribbon beds. Postpaid 20c; by express 15c.

PHILADELPHUS

or Mock Orange
(See Hardy Plants)

PHLOXES, Hardy (See Hardy Plants)

PILEA (Artillery Plant)

SEMPIFOLIA—The well-known Artillery Plant. Postpaid 15c; by express 10c and 25c.

PINKS, Hardy (See Hardy Plants)

PLUM (Purple Leaved) (See Prunus, Hardy Plants)

POINSETTIAS

PULCHERIMA, or CHRISTMAS FLOWER—Tropical plant of gorgeous beauty, the bracts of leaves that surround the flower being in well-known specimens 1 foot in diameter and of the most dazzling scarlet. Postpaid 30c; by express 25c and 50c.

POPIES, Hardy (See Hardy Plants)

PRUNUS (Purple Leaved Plum) (See Hardy Plants)

PURPLE FRINGE

(See Rhus Cotinus in Hardy Plants)

PRIMULA

CHINESE PRIMROSE—This is the best and most worthy plant we cultivate for winter flowers, blooming continually from October until June, one plant producing several hundred flowers in a season. Single White or Pink—Postpaid 20c; by express 15c and 25c each.

FORBESI or BABY PRIMROSE—A most beautiful, lavender rose. Postpaid 20c; by express 15c, 25c and 50c each.

RHUS COTINUS (Purple Fringe or Smoke Tree) (See Hardy Plants)

RIVINIA HUMILIS

A beautiful little plant with racemes of snow-white flowers followed by scarlet berries; in bloom and fruit the entire year. 15c, 25c.

ROSES

Prices on all varieties, unless otherwise noted, postpaid 15c; by express 10c each.

AMERICAN BEAUTY—Flowers and buds very large; color, a deep glowing carmine, with rich fragrance. Postpaid 25c; by express 20c.

BRIDESMAID—Fine, clear, dark pink.

CLOTHILDE SOUPERT—Very prolific. Flowers borne in sprays, double, pearl white, shading to a center of rosy pink. A grand bedding variety.

CLIMBING METEOR—Grows 10 to 15 feet high, blooms almost constantly. Of a rich, dark, velvety crimson.

CLIMBING CLOTHILDE SOUPERT—A beautiful shell pink, produced in clusters.

GRUSS AN TEPLITZ—Unquestionably the finest brilliant red, hardy, ever-blooming garden rose.

KAISERINE AUGUSTA VICTORIA—A deliciously fragrant large white rose; a constant bloomer.

KILLARNEY—Brilliant, sparkling pink; extra large and fragrant.

HERMOSA—Pink; very double.

LA FRANCE—Peach color shaded pink or silvery rose; one of the most fragrant roses grown.

MY MARYLAND—A very choice summer rose of a bright salmon pink with pale edges. It is very free to bloom and is remarkably fragrant.

PERLES DES JARDINS—Richest yellow; large size, perfect form and tea-fragrance.

WHITE KILLARNEY—Very large, long pointed buds; fragrant.

RICHMOND—Scarlet-crimson, pointed buds and tall, erect stems; handsome dark foliage; one of the most successful roses for the garden.

THE NEW ROSE—BABY RAMBLER, or the Everblooming Dwarf Crimson Rambler Hardy. The greatest bedding and forcing rose in existence. Perfectly hardy, about 24 inches high, most prolific

and constant blooming rose known. Color, bright glowing scarlet. Postpaid 20c; by express 15c, 25c and 50c. Extra large size, \$1.00 to \$2.00 each.

WHITE BABY RAMBLER

"SCHNEEWITTCHEN"—Identical with the red Baby Rambler except in color, which is a pure white. Postpaid 25c; by express 20c.

MEMORIAL ROSES

Fine for cemetery planting. Each postpaid 20c; by express 15c. Two-year, postpaid 60c; by express 50c.

TRIUMPH—Pure white, sweet scented.

SOUTH ORANGE PERFECTION—Soft bluish pink at tips.

PINK ROAMER—Single, bright rose pink.

UNIVERSAL FAVORITE—Double flowers.

ROSA WICHUARIANA—Flowers pure white, single, with yellow center.

RAMBLER, or CLIMBING ROSES

All varieties postpaid, each 20c; by express 15c. Two-year, postpaid 60c; by express 50c.

DOROTHY PERKINS—As hardy as Crimson Rambler and same habit of growth. Color a most beautiful shell pink, very double and produced in clusters.

CRIMSON RAMBLER—The most popular and one of the best climbing roses, immense clusters of bright crimson flowers.

YELLOW RAMBLER (Thalia).

WHITE RAMBLER (Thalia).

PINK RAMBLER (Euphrosyne).

PHILADELPHIA RAMBLER.

PRAIRIE QUEEN—Dark pink.

For prices see above.



Crimson Rambler

NEW ROSE

CLIMBING AMERICAN BEAUTY—Same color, size and fragrance as American Beauty with the addition of the climbing habit. It is claimed that one plant of this new rose will produce twenty times as many flowers as the American Beauty. Small plants, postpaid 35c; by express 25c. 2-year-old postpaid, \$1.00; by express 75c each.

RUGOSA ROSES

The most hardy of all roses with dark, rich leathery foliage, producing large fragrant single and semi-double flowers in profusion throughout the summer, followed by orange-red and scarlet hips or seedpods. Pure white and red. Each, postpaid 60c; by express 50c.

HYBRID, PERPETUAL, or REMONTANT ROSES

Very hardy but need protection during the severest weather; fine collection of best varieties; price large 2-year-old plants, postpaid 60c; by express 50c each; \$5.00 per dozen.

ANNA DE DEESBACH—Bright rose.

BARONESS ROTHSCHILD—Pink.

FISHER HOLMES—Deep crimson.

FRAU KARL DRUSCHKI—White, also called the White American Beauty.

GEN. WASHINGTON—Bright crimson.

MD. PLANTIER—Pure white.

MAGNA CHARTA—Deep pink.

MARSHALL P. WILDER—Bright carmine red.

MRS. JOHN LANG—Bright pink.

PAUL NEYRON—Deep rose.

ULRICH BRUNNER—Cherry crimson.

PERSIAN YELLOW—Deep golden yellow.

HYBRID TEA, or EVERBLOOMING ROSES

Hardy with good protection and are continuous bloomers. Price all varieties, postpaid 2-year-old dormant plants 60c; by express 50c each; \$5.00 per dozen.

AMERICAN BEAUTY—The queen of all roses. Rosy carmine.

CLOTHILDE SUPERT—White shading to rose pink.

HERMOSA—Bright pink.

GRUSS AN TEPLITZ—Brilliant red.

LA FRANCE—Bright satin pink.

KILLARNEY—Pink.

WHITE KILLARNEY—White.

KAISERINE AUG. VICTORIA—White.

RICHMOND—Red.

MOSS ROSE

Exquisite fragrance with delicate moss covered buds. Red, white and pink. Each postpaid 60c; by express 50c each.

RUSSELLIA

ELEGANTISSIMA (New)—Especially adapted for hanging baskets, vases or window boxes. Coral-red. Each, postpaid 20c; by express 15c.

RUDBECKIA (Golden Glow)

(See Hardy Plants)



Russelia Elegantissima

SELAGINELLA

A beautiful low-growing moss-like plant. Fine for ferneries or planting in moist places. Each, postpaid 35c; by express 25c and 50c.

AMELLA—New. Much superior to any other Club mosses, growing with stiff and erect frond 6 to 8 inches high; bronze green. Postpaid 35c; by express 25c and 50c.

EXTRA SPECIAL—15 and 20 per cent discount on plants by mail. See page 16.

SHASTA DAISY (See Hardy Plants)

SMILAX

A beautiful climbing plant with small almost round glossy green leaves. Postpaid 15c; by express 10c.

SNOWBALL (See Viburnum in Hardy Plants)

SALVIAS

Price, all varieties, postpaid 15c; by express 10c, 15c and 20c each.

MRS. C. N. PAGE—Dwarf and compact; literally covered with long spikes of bright scarlet flowers. Begins blooming in July.

NEW SALVIA ST. LOUIS—Grows 2½ feet high, forming immense vivid scarlet flower spikes, 12 to 16 inches in length. Salvia planted 12 to 18 inches apart, and allowed full development make a brilliant hedge resembling a row of miniature flowering trees.

SANSEVIERA ZEYLANICA

Long, thick, fleshy, lance-shaped leaves, with very dark green foliage, marked crosswise with bars of white. Postpaid 35c; by express 25c, 50c and \$1.00.

SANTOLINA

Foliage finely cut and of silver gray color; valuable for edgings and ribbon beds. Each postpaid 15c; by express 10c; per doz. 75c.

SAXIFRAGA SARMENTOSA

Generally known by the name of Strawberry Geranium. It makes one of the neatest basket plants when well grown, requiring shade and moisture. Postpaid 20c; by express 15c and 25c.

SMOKE TREE (See Rhus Cotinus in Hardy Plants)

SPIREA (See Hardy Plants)

STREPTOSOLEN

JAMESONI—Resembles in growth the Browallias; the flowers are lobed, nearly 1 inch in diameter, opening bright orange and passing to a rich, deep cinnabar red. Postpaid 20c; by express 15c and 25c.

STROBILANTHES

It surpasses the finest Coleus, which plant it resembles in exquisite colorings of the leaves. Postpaid 20c; by express 15c and 25c.

SYMPHORICARPUS, or Waxberry (See Hardy Plants)

TRADESCANTIA

A beautiful class of plants for hanging baskets, known by the name of Wandering Jew. Postpaid 25c; by express 10c.

TRITOMA (See Hardy Plants)

TUBEROSE

DOUBLE PEARL—Very dwarf, growing 18 inches to 2 feet high. Postpaid 10c; by express 5c; 60c per dozen.

UMBRELLA PLANT (See Cyperus)

VIBURNUM (Snowball) (See Hardy Plants)

VELVET PLANT (See Gynura Aurantiaca)

VERBENA

MIXED—Mammoth Postpaid 15c each; by express 10c; 75c per doz.

VIOLETS

Single Sweet-scented, Double Blue and Double White—Each, postpaid 15c; by express 10c each.

VINCA

RUNNING or GRAVE MYRTLE—Small, dark, glossy green leaves; flowers purple; hardy. Postpaid 15c and 25c each; by express 10c and 20c each.

MAJOR VARIEGATA—A beautiful variegated trailing plant, admirably adapted for hanging baskets and porch boxes; glossy green, broadly margined with creamy white; flowers blue. Postpaid 15c; by express 10c to 50c each.

WANDERING JEW

(See Tradescantia)

WAXBERRY or Winterberry (See Symporicarpus in Hardy Plants)

WEIGELIA and **WISTERIAS** (See Hardy Plants)

HARDY PLANTS AND SHRUBS

ACHILLEA. Milfoil or Yarrow

THE PEARL—One of the very best white flowered plants for the border. Postpaid 20c; by express 15c.



ALMONDS

FLOWERING—Double White and Double Rose. Each, postpaid 60c; by express 50c.

AMPELOPSIS

VEITCHII—(Boston Ivy)—Very attractive vine clinging to rock or wood. Foliage tinted in the fall with scarlet and crimson. It is quite hardy, but some protection of straw may well be used immediately around the plant in winter. Postpaid 20c, 35c, 60c; by express 15c, 25c, 50c.

AQUILEGIA

OR COLUMBINE—Postpaid 20c each; by express 15c; \$1.50 per dozen. Extra large size 25c and 50c.

ARISTOLOCHIA

SIPHO—(Dutchman's Pipe Vine)—A rapid-growing climber, bearing singular brownish-colored flowers, resembling in shape a pipe. Leaves very large. Extra strong plants, by express \$1.00.

BIGNONIA

RADICANS—(Trumpet Creeper)—Clusters of large, trumpet-shaped crimson orange flowers. Each, postpaid 60c; by exp. 50c.

BARBERRY

PURPLE LEAVED—Foliage and fruit of a violet purple color. By express 25c; 5 for \$1.00. Large size 50c each.

BARBERRY VULGARIS—Fine for hedges. By express 25c each.

BARBERIS THUNBERGII (Japanese Barberry)—One of the most beautiful shrubs in cultivation, either for bedding or general purposes. Foliage turns a brilliant crimson in the fall. Fruit bright scarlet.

	By express,	Each	Doz.	100
2-year size, 1 to 1½ feet.....	15c	\$1.50	\$12.00	
3-year size, 2 feet	30c	\$2.50	\$20.00	
4-year size, 2½ feet	50c	\$4.00	\$30.00	
2-year size, 1 to 1½ feet, postpaid 25c each.				
Specimen plants, each	75c			\$1.00.

BLANKET FLOWER (See Gaillardia); **BLEEDING HEART** (See Dielytra); **BRIDAL WREATH** (See Spirea); **CHINESE MATRIMONY VINE** (See Matrimony)

CLEMATIS

JACKMANI—Intense violet purple, distinctly veined. Postpaid \$1.00; by express 75c.

HENRYI (Bangholm Belle)—Large pure white. Very hardy. Postpaid \$1.00; by express 75c.

CLEMATIS PANTICULATA—The best of all hardy climbers. Of rapid growth; perfectly hardy; thousands of sweet scented flowers on a single plant. Postpaid, 1 yr. 30c, 2 yr. 60c, 3 yr. \$1.00 each; by express 1 yr. 25c, 2 yr. 50c, 3 yr. 75c each.

COLUMBINE (See Aquilegia)

COREOPSIS

LANCEOLATA GRANDIFLORA—A mass of golden yellow from June to October. 2 feet high. Postpaid 20c; by express 15c each; \$1.50 per doz.

CORNUS (Dogwood)

SIBERICA (Red Siberian Dogwood)—(B.) A rare and remarkable variety with bright red bark in winter. By express 25c and 50c each.

CRAB

BECHTEL'S DOUBLE FLOWERING—The most beautiful of all the flowering Crabs for this locality. Perfectly hardy. Trees of medium size are covered in early spring with large, beautiful double, fragrant flowers of a delicate pink color. By express \$1.25.

DAISY, Hardy (See Shasta Daisy)

DELPHINIUMS (Hardy Larkspur)

FINE BLUE—Postpaid 20c each; by express 15c each; \$1.50 per dozen.

DIELYTRA, or BLEEDING HEART

Graceful sprays of heart-shaped, pink and white flowers, blooming in May or June. Postpaid 50c; by express 35c.

DIGITALIS (Foxglove)

Old-fashioned summer-flowering perennial. Postpaid 20c; by express 15c each; \$1.50 per dozen.

DOGWOOD (See Cornus)

FORSYTHIA

(**GOLDEN BELL**)—The flowers are drooping, golden yellow, and appear very early in spring before the leaves. By express 25c and 50c each.



FUNKIA JAPONICA

(DAY LILY)—Pure white fragrant flowers. Postpaid 50c; by express 40c.

BLUE DAY LILY—Hardy. Postpaid 30c; by express 25c.

GAILLARDIA

GRANDIFLORA—Center dark reddish brown, petals vary from scarlet-orange to crimson. 2 feet. Postpaid 20c; by express 15c; doz. \$1.50.

HIBISCUS

HARDY HERBACEOUS HIBISCUS—Grows five to eight feet high; flowers five to six inches in diameter, salmon-pink, shaded to crimson in center. Postpaid 35c; by express 25c.

HOLLYHOCKS

One of the most popular hardy plants we have. very effective background for other plants. Postpaid 25c; by exp. 15c; doz. \$1.50.

HONEYSUCKLE

SCARLET MONTHLY TRUMPET—Bright trumpet-shaped flowers. Postpaid 35c, large size 60c; by express 25c; large size 50c.

HALLIANA—A constant bloomer; flowers pure white, changing to yellow; very fragrant. Postpaid 35c; large size 60c; by express 25c, large size 50c.

BUSH HONEYSUCKLE

(LONICERA TARTARIA)—A shrub of spreading habit, with beautiful flowers and bright-colored fruit. Two colors, White or Pink. Strong bushes, 2 to 3 feet, by express each 50c.

HYDRANGEA

PANTICULATA GRANDIFLORA—Absolutely hardy. Flowers in large clusters, color white, changing to rose. Each, postpaid 35c; by express 25c; large size 50c. Tree form, by express \$1.00 each.

NEW HYDRANGEA ARBORESCENS GRANDIFLORA, FORMA NOVA

(SNOWBALL HYDRANGEA)—Extra fine. The snow-white blooms are of largest size. By express 50c and \$1.00 each.

IRIS

JAPANESE IRIS—Our collection consists of the very choicest. Choice mixed varieties, postpaid 35c; by express 25c; 12 for \$2.00.

GERMAN IRIS—Another good old flower, as handsome as an Orchid. Mixed varieties. Postpaid, each 15c; by express 10c each; 12 for \$1.00.

German Iris, Separate Colors, postpaid 20c; by express 15c each; \$1.50 per dozen.

LARKSPUR (See Delphinium)

LILACS

Great clusters of fragrant flowers, white and lilac. Small size, postpaid 50c; by express 25c. Large size, 50c and \$1.00.

LILY OF THE VALLEY

Prefers shady situation. Postpaid 10c, 75c per doz.; by express 10c, 60c per doz.

MATRIMONY VINE (Lycium Chinese)

Bright purple flowers, which are succeeded by brilliant scarlet berries nearly an inch long. Postpaid 35c; by express 25c; large size 50c.

MULBERRY

TEAS' WEeping—The most beautiful weeping tree of recent introduction. Trees 6 to 8 feet, with 3-year-old beads, by express each \$2.50.

PAEONIES

Double large flowering in red, white and pink, fine two eye roots. Each, postpaid 50c; by express 35c; 3 for \$1.00.

FIFTY NAMED VARIETIES—A fine collection of the best varieties, postpaid 75c each; by express 60c.

PHILADELPHUS

CORONARIUS, or MOCK ORANGE—Tall growing, with large clusters of sweet-scented, pure white flowers. By express 50c, \$1.00, \$2.00 each.

PHLOXES

HARDY, or PERENNIAL—The ease with which it is cultivated, entire hardiness, their extended season of blooming and varied and beautiful color of flowers make them very desirable. In variety, 1 yr. plants postpaid 30c; by express 25c each; \$2.50 per dozen.

PINKS

HARDY GARDEN, or SCOTCH—Splendid for borders and cemetery planting. Large clumps. Each, postpaid 35c; by express 25c.

POPPIES HARDY (Papaver Orientale)—Nothing can equal these in gorge-us effect. Postpaid 20c each; by express 15c each; \$1.50 per dozen.

PRUNUS PISSARDI—(Purple leaved Plum.) (A.) The finest purple-leaved small tree or shrub. Leaves when young are lustrous crimson, changing to a dark purple. By express 50c each.

PRIVET (Amurense)

Extensively used for hedges. Leaves dark green. Large size, 2 to 3 feet, for immediate effect, by express 30c each; \$3.00 per doz.; \$20.00 per 100.

POLISHI—First imported to this country by the Iowa State College. Considered the hardiest variety in existence. 2 yr. plants, 18 to 24 inches, postpaid 50c; by exp. 40c; \$30.00 per 100.

RHUS COTINUS

(PURPLE FRINGE, or SMOKE TREE)—Exceedingly ornamental. 3 ft., by express 50c.

RIBES, or FLOWERING CURRANT

ALPINUM. (B.) Fragrant golden-yellow flowers and deep scarlet fruit. 2½ feet. Bushy. By express 50c.

AUREUM. (B.)—(Yellow Flowering, or Missouri Currant.) 3 to 4 feet. By express 50c.

ROSES, Hardy (See Roses)

RUDBECKIA

GOLDEN GLOW—Four to five feet high, producing numerous stems, which are laden with double golden-yellow flowers. Each, postpaid 25c; by express 15c.

SHASTA DAISY

BURBANKA—Very large, purest white. Postpaid 20c; by express each 15c; 12 for \$1.50.

SPIREA

NEW HARDY SPIREA, Van Houttel, also called Bridal Wreath. Pure snow-white flowers, borne in clusters all over the plant. Postpaid 50c; by express 25c, 50c, \$1.00 and \$2.

ANTHONY WATERER (B.)—A fine, hardy, perpetual-blooming variety for the lawn with rose red flowers. 1 ft., postpaid, 50c; by express 25c. 1 to 1½ ft., bushy, 50c.

SYMPHORICARPUS

(ST. PETER'S WORT, or WAXBERRY)—Very ornamental when covered with white berries in fall and winter. By exp. 50c each.

VULGARIS. (B.)—(Indian Currant.) Foliage, flowers and fruit small; fruit purple, hangs all winter. By express 50c.

TRITOMA

(RED-HOT-POKER PLANT; FLAME FLOWER, or TORCH LILY)—Pfitzer (The ever-blooming Flame Flower.) Not hardy in our northern states and would advise taking up in the fall. Each, postpaid 35c; by express 25c.

TRUMPET CREEPER (See Bignonia)

VIBURNUM STERILIS

Old-Fashioned Snow-Ball. By express 50c and \$1.00 each.

WAXBERRY (See Symphoricarpus)

WEIGELIAS

Flowers borne in clusters thickly all along their branches. White, Pink and Red, by express 50c each.

SIEBOLDI VARIEGATA—Green margined with creamy white; flowers clear rose. By express 75c each.

WINTERBERRY (See Symphoricarpus)

WISTARIAS

ALBA—Flowers white, in drooping racemes. Postpaid 60c; by express 50c each.

MAGNIFICA—Dense clusters of purple-lilac flowers. Postpaid 35c; by express 25c each. Large plants 50c each.

SMALL FRUITS

SHOULD BE SENT BY EXPRESS

BLACKBERRIES

SNYDER—The old reliable. Postpaid 10c each; by express 60c per doz.; \$3.00 per 100.

CURRANTS

FAY'S NEW PROLIFIC—The best large Red Currant. 2-year-old, each postpaid 35c; by express 25c; doz. \$2.50.

CHERRY—Most popular sort. 2-year-old, each postpaid 30c; by express 20c; dozen \$2.00.

WHITE DUTCH—Similar to Red Dutch, except in color. 2-year-old, each postpaid 30c; by express 20c; dozen \$2.00.

Fine 4 and 5 year old plants of the above varieties, 50c each.

GOOSEBERRIES

DOWNING—Largest of our native gooseberries; 2-year-old, postpaid 35c each; by express 25c each; doz., \$2.50; 100, \$15.00.

INDUSTRY—Large size, pale red. 2-year-old, postpaid 35c each; by express 25c each; dozen, \$2.50; 100, \$15.00.

EXTRA SPECIAL—15 and 20 per cent discount on plants by mail. See page 16.



Japanese Iris



Hardy Phlox



Rudbeckia Golden Glow



GRAPES

CONCORD—Best general crop grape; 2-year-old, each postpaid 25c; by express 20c; dozen \$1.75.

MOORE'S EARLY—Very early, 2-year-old, each postpaid 25c; by express 20c; dozen \$2.00.

DELAWARE—Small, light red, 2-year-old, postpaid, each 30c; by express 25c.

NIAGARA—Fine, white, 2-year-old, postpaid, each 25c; by exp. 20c; doz. \$2.00.

RASPBERRIES

IMPROVED ALTON—This we consider by far the best Red Raspberry yet introduced. Fruit very large dark red of succulent quality and unsurpassed flavor. Very hardy and a heavy cropper. 25c each postpaid; by express 20c each; \$2.00 per doz.; \$15.00 per 100.

CUMBERLAND—Coal black, extra large and productive. Postpaid 10c each; by express 10c; 75c per doz.; \$5.00 per 100.

THE KANSAS—One of the best black caps. Postpaid 10c each; by express 10c; 50c per dozen; \$2.50 per 100.

CUTHBERT—Bright red, very large, extremely prolific. Postpaid 10c each; by express 10c; 50c per dozen; \$2.00 per 100.

GREGG—Large black cap. Postpaid 10c each; by express 10c; 50c per dozen; \$2.00 per 100.

STRAWBERRIES (See page 2 of cover)

FARM SEEDS

DISCLAIMER—While we exercise the greatest care to have all seeds pure and reliable, we do not give any warranty express or implied. If the purchaser does not accept the seeds on these terms and conditions, they must be returned at once, and the money that has been paid for them will be refunded.

I. N. KRAMER & SON.

Prices subject to market change without notice. Bags extra, 25c each, unless otherwise noted. Write for special prices on large quantities. All farm seeds go by express or freight at your expense unless otherwise noted.

BIRD SEED

MIXED BIRD SEED—Per lb., 35c, postpaid; by express lb. 25c.
MILLET and HEMP—Each, per lb., 20c, postpaid; 10c per lb., by express.

CANARY and RAPE—Postpaid 35c lb.; by express 25c lb.
MAMMOTH RUSSIAN SUNFLOWER—Pkt. 5c; lb. 25c, postpaid.

BUCKWHEAT

NEW JAPANESE—Large, productive and early. Price, postpaid, lb. 25c; by express, 10 lbs. or more, 8c per lb.; 25 lbs. or more 6c per lb.; 50 lbs. or more, 5c per lb.; bags extra 25c.

SUDAN GRASS

A new grass possessing wonderful drought-resisting qualities, at the same time responding quickly to good culture, with plenty of moisture producing immense crops of first quality hay, being superior to millet and said to be equal to timothy. It is an annual, belonging to the cane or sorghum family. The stems are about as thick as a lead pencil and grow 7 to 9 feet high and under favorable conditions as many as 100 stalks from a single root. Sow 4 to 6 pounds per acre in rows 18 to 24 inches apart and cultivate. Pkt. 10c; ¼ lb. 15c; ½ lb. 25c; lb. 35c, postpaid; by express 20c per lb.; 10 lbs. or more 15c lb.

EARLY AMBER CANE

The best and most profitable fodder plant in existence for feeding stock of all kinds. Can be grown anywhere from Manitoba to Mexico, on any good corn ground. It is claimed that as high as 50 tons of the green fodder have been grown per acre. Sow in May or June, 100 lbs. per acre for best results. It is a profitable crop also to grow for the seed, which is excellent for feeding poultry. Extra select seed, Linn county grown, per lb. 25c; 3 lbs. 60c, postpaid. By freight, 10 lbs. or more, 15c per lb.; 25 lbs. or more, 10c per lb.

Price of southern grown seed, lb. 20c; 3 lbs. for 50c, postpaid; by freight or express, lb. 10c; 10 lbs. or more 6c per lb.; 25 lbs. or more at 5c per lb.; 50 lbs. or more at 4c per lb.

KAFFIR CORN

One of the best forage plants. Sow in rows 3 feet apart, 3 to 5 pounds of seed to the acre. Postpaid, pkt. 5c; lb. 20c; 3 lbs. 50c; by express, 10 lbs. 50c; 100 lbs. \$3.00.

COW PEAS

A highly fertilizing and valuable fodder. Plant in thoroughly pulverized soil. Do not sow until the soil has become thoroughly warm. Postpaid, pkt. 10c; lb. 25c. By express, lb. 15c; 10 lbs. or more 12c per lb.; 25 lbs. or more, 8c per lb.

EXTRA SPECIAL—15 and 20 per cent discount on plants by mail. See page 16.

CANADA FIELD PEAS

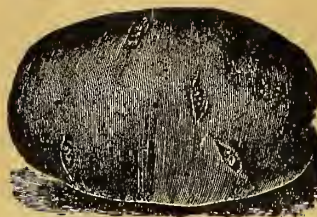
Excellent for feeding stock. Sow broadcast 120 lbs. per acre or with oats 60 lbs. Postpaid, lb. 25c; by express lb. 15c; 10 lbs. or more 10c per lb., 25 lbs. or more 7c per lb. Write for prices on larger lots. Bags extra, 25c each.

SOJA BEAN, or SOY BEANS

One of the most nutritious of all vegetable products, and nearly equal to clover for fertilizing. The best of all substitutes for coffee yet found. Sow 30 lbs. per acre broadcast or 8 lbs. per acre in drills 3½ feet apart and 1½ feet between the plants, dropping 2 or 3 in a hill. Postpaid, pkt. 10c; ½ lb. 20c; lb. 30c.

DWARF ESSEX RAPE

The most valuable green feeding plant known for sheep and hogs. Sown broadcast use 5 lbs. and if in drills, 2 lbs. to the acre. True Dwarf Essex Rape, pkt. 10c; ¼ lb. 15c; lb. 30c, postpaid. By freight or express, lb. 20c, 10 lbs. or more 15c per lb. Be sure and get the genuine. Bags extra, 25c each.



Improved Early Ohio.

the necessary qualities for extra early or late use.

RURAL NEW YORKER NO. 2—Large and smooth variety of excellent quality; white skin and flesh, with few and shallow eyes.

IRISH COBBLER—A chunky large white netted early potato. Said to be earlier and of better quality than Early Ohio.

SIR WALTER RALEIGH—Claimed to be an improvement on Rural New Yorker No. 2.

WHITE OHIO—Same as Improved Early Ohio except color.

SEED SWEET POTATOES

YELLOW JERSEY—By express lb. 10c; 10 lbs. or more 8c per lb.; 25 lbs. or more 6c per lb.

SEED FIELD CORN

Requires 7 to 9 lbs. to plant an acre.

Good seed corn is one of the problems this season; perhaps no time in the history of the country has it been of such moment as now. For the benefit and protection of our many patrons as well as ourselves we have spent much time and money and have tested many samples of corn and have succeeded in procuring a fine lot of Reid's Yellow Dent, crop 1914, grown near Sioux City. We, as well as others, have made repeated tests of this lot with results showing growing tests of 90 to 93 per cent. This we consider excellent in view of the fact that of all other tests, all of which were claimed to be of high germination, our tests show that only 30 or 32 per cent would actually grow.

We also have a nice lot of Yellow Dent and Calico corn on the ear, crop 1915. This stock we cured by steam heat and is absolutely dry. We have tested every ear, taking four grains from each ear; every ear which had even one grain that did not grow was thrown out. This gives us 100 per cent corn as far as it is possible to know. In appearance it is perhaps not up to standard, part of it being small, shriveled, light weight, and partially colored next to the cob, but according to our growing test there can be none better. Owing to light weight this stock will plant much farther than corn of normal weight. Weighs 40 to 50 lbs. per 100 ears.

There is much corn being offered with the claim of high quality and low price, while in fact much of it is practically worthless for seed and would be dear as a gift. Our advice is test the seed you expect to plant and know for yourself just what you are planting. See that the seed not only germinates, but that it actually grows. Do not delay ordering till planting time. Order early and we will allow you ten days after receiving the seed in which to test. If not found to be satisfactory, return it promptly and we will refund your money.

The above tests are not given as a guarantee but are simply facts as we have them. For this reason, to safeguard you as well as ourselves, we insist that you take our advice and test as we positively will not be responsible in any way after you plant the seed.

Prices—Reid's Yellow Dent, crop 1914, as described above, shelled and graded, 20c per lb.; 3 lbs. for 50c, postpaid. By express or freight, 15c per lb.; 10 lbs. or more, 12c per lb.; 25 lbs. or more, 10c per lb.

Yellow Dent and Calico, as described above, crop 1915, on the ear, 15c per ear, postpaid. By express or freight, 25c per lb.; 10 lbs. or more, 20c per lb.

Above prices subject to change after April first without notice.



Sugar Cane, Early Amber

GRASS AND CLOVER SEED

Prices subject to change without notice. Write for price in quantity

KRAMER'S LAWN GRASS MIXTURE—(One pound for 300 to 400 square feet of lawn). Finest quality. Postpaid per lb. 45c; by express lb. 40c; 10 lbs. or more 35c per lb.

BLUE GRASS—Best quality. Postpaid per lb. 35c; by express lb. 30c, 10 lbs. or more 25c per lb.

WHITE CLOVER—Best quality postpaid lb. 65c; by express 60c; 10 lbs. or more 55c per lb.

BROMUS INERMUS—Brome Grass

Very productive even on poor soil and of good quality. Should be sown early in the spring using 20 to 25 lbs. per acre if sown alone, or if with alfalfa use 12 lbs., with 8 lbs. alfalfa. Per lb. 30c; 3 lbs. 75c, postpaid; by express 20c per lb.

RED TOP—Fancy clean seed. Postpaid lb. 40c; by express lb. 35c.

ORCHARD GRASS—Postpaid 35c; by express lb. 30c.

TIMOTHY or HERD'S GRASS—Postpaid lb. 25c; by express lb. 20c.

MILLET, GERMAN OR GOLDEN—Postpaid lb. 25c; by express lb. 10c.

MEDIUM RED CLOVER—Postpaid lb 35c; by express lb. 30c.

WHITE DUTCH CLOVER—Postpaid 65; by express lb. 60c.

MAMMOTH CLOVER—Postpaid lb. 35c; by express lb. 30c.

ALFALFA, or LUCERNE—Postpaid 35c; by express lb. 30c.

ALSIKE, or SWEDISH—Postpaid 35c; by express lb. 30c.

INSECT DESTROYERS

LIQUID INSECTICIDES CANNOT BE SENT BY MAIL

FIR TREE OIL SOAP—For thrip, red spider, black and green fly, mealy bug, worms and slugs. Per ½ lb. tin 25c; by mail 35c.

WHALE OIL SOAP—One of the most effective and cheapest remedies. Per lb. postpaid 35c; by express 25c.

TOBACCO SOAP—For washing and syringing plants, trees, etc.; a valuable preparation. Per ½ lb. box 25c; by mail 35c.

ARSENATE OF LEAD—The best of all arsenical insecticides; does not burn the foliage and is sure death to all leaf-eating insects. Lb. 25c by express.

BORDEAUX MIXTURE—(Liquid)—For all fungous diseases. By adding water it is ready for use. 1 pt. 50c; 1 gallon \$1.25.

PARIS GREEN—For potato bugs and other eating insects. ½ lb. 20c; 1 lb. 40c.

HAMMOND'S SLUG SHOT—Destroys bugs on potato, tomato, and egg plants, cabbage lice and worms, flea beetles and striped bugs on melons, squash, turnips, onions, etc.; canker worms on fruit and ornamental trees. Death to the rose bug and cut worm. Apply with duster or bellows. Price lb. postpaid 20c; by express lb. 15c; 5 lbs. 40c; 100 lbs. or more at 6c per lb.

CHASE'S KNOXWEED—Kills dandelions, and other noxious weeds. A few drops applied in the heart or center of the weed and it dies. Package sufficient for an ordinary sized lawn 50c by express only.

FERTILIZERS

PURE BONE MEAL—Analysis Ammonia, 3 or 4 per cent; Bone Phosphate 45 to 55 per cent. Per lb. postpaid 20c; by express 10c; 5 lbs. 40c; 25 lbs. \$1.25.

BOWKER'S PLANT FOOD—A first-class plant food. Small size package 15c; by mail 25c; large size package 25c; by mail 40c.

WALKER'S EXCELSIOR PLANT FOOD—Large box containing sufficient for 25 plants one year 30c, or postpaid 40c; small package 20c, postpaid 30c.

LAWN FERTILIZER—An excellent fertilizer for either lawn or garden, applied either in the spring, summer or fall, at the rate of one pound to forty square feet. Price per lb. postpaid 15c; by express 10c; 5 lbs. 40c; 100 lbs. \$3.00.

NITRATE OF SODA—Should be sown broadcast, and it is very important to sow it evenly. Two or three pounds on a square rod will be beneficial. Price per lb. postpaid 25c; by express 15c; 5 lbs. 60c; 10 lbs. 90c; 25 lbs. \$2.00; 100 lbs. \$7.00.

THE LOWELL SPRAYER

The glass sprayer will not corrode or rust, and if accidentally broken can be replaced at once with a Mason fruit jar. Price, each 75c by express.

THE FOUNTAIN SPRAYER

One of the best compressed air sprayers on the market. The tank has a capacity of 3 gallons and is tested to an air pressure of 50 lbs. to the square inch, carried in one hand like a satchel, and the spray can be started or stopped by a thumb lever operated by the same hand that carries the sprayer. Price, galvanized tank, \$5.00; brass tank \$7.00.

LITTLE GIANT BUCKET PUMP

The best hand pump made, working parts solid brass, throws continuous stream, either solid or as a mist. Can be used for white-washing. \$3.50.

THE PLANTER SEED CORN GRADER—The simplest, most perfect and rapid hand grader made. \$1.50.

IRON CEMETERY CUT FLOWER VASES—First size 50c, second size 75c.

IRON RESERVOIR, LAWN AND CEMETERY VASES—In many styles. Send for descriptive list.

PLANT TUBS

UNION CYPRESS—These Tubs are made of ¾-inch cypress, which insures their keeping for years without rotting. Measurements are outside of tub. 11½ inch diameter, \$1.00; 13½, \$1.25; 14, \$1.65; 16, \$2.00; 19, \$3.00; 22, \$3.75.

PLANT STANDS—Half round with arch, \$5.50; larger size \$7.00. Straight shelves \$4.50, larger size, \$7.00.

TRELLISES

FAN-SHAPED—18-inch, 20c; 24-inch, 25c; 30-inch, 30c; 3½ feet by 21 inches wide, 50c.

INCUBATORS, BROODERS AND POULTRY SUPPLIES—By express or freight only at purchaser's expense unless otherwise quoted.

We handle four makes of incubators and brooders, the Mandy Lee, Buckeye, Klondike and the Queen. Send for any or all of the catalogues giving full descriptions, do so at once and get posted on the best machines made.

"TYGOS" THERMOMETERS—Can be used in any incubator. 75c postpaid.

THERMOMETERS—For Mandy Lee incubators. 85c postpaid; for brooders 60c.

MANN BONE CUTTER—No. 5-B for bench use \$8. No. 7, \$12.

AUTOMATIC SAFETY CAPONIZING SET—No. 10, full illustrated directions with every set. Postpaid \$3.50.

MANDY LEE EGG TESTERS—Postpaid 35c.

PETTY'S POULTRY PUNCH—Postpaid 35c.

"MONEY BACK" POULTRY PUNCH—Considered one of the best punches on the market. Price, postpaid 35c.

IMPROVED CHAMPION LEG BANDS—The oldest and most popular band on the market. It is made in one piece, adjustable to fit any leg. Made of aluminum. Prices 12 15c, 25 25c, 50 40c, 100 75c, postpaid.

GOLD FISH—Shipped by express at purchaser's expense and risk. Very interesting and universal favorites of golden red color. Prices 10c, 15c, 25c, 35c, 50c and \$1.00 each, according to size. Extra choice, two or three-color specimens, when obtainable, \$1.00 each. The 25c size (5 for \$1.00) is the most popular. The largest size is only suitable for ponds or fountains.

SHIPPING BUCKETS—For fish, 15c each.

PREPARED FISH FOOD—Food for all kinds of gold fish. Price 10c box; \$1.00 per dozen, postpaid.

CABOMBA, or AQUARIUM MOSS—This is the prettiest plant in existence, for growing in aquariums. Bunch of 10 stems 25c postpaid.

GLASS FISH GLOBES—These are neat, cheap, and consequently more popular than the large aquariums. 1 qt. 25c, 2 qt. 40c, 3 qt. 50c, 4 qt. 60c, 6 qt. 75c, 8 qt. \$1.00, 12 qt. \$1.25, 16 qt. \$1.75, 24 qt. \$3.00.

AQUARIUMS—Strong, iron-frame tank. Capacity about 2½ gallons, price \$4.00; 6 gallons \$5.50; 9 gallons \$6.50; 12 gallons \$8.

PLANET JR. DRILLS AND CULTIVATORS—No. 4 Combined Drill and Cultivator, \$11.00; No. 8, Horse Hoe and Cultivator, \$9.00. Send for descriptive catalogue.

NOYES' HAZELTINE, EXCELSIOR AND LANG'S HAND WEEDERS—Each 25c; if by mail 30c.

SELF-WATERING FLOWER BOXES—Neat, convenient and practical window and porch boxes made entirely of metal and guaranteed not to leak. The boxes has a reservoir in the bottom, which, when filled with water will supply plants with moisture for ten days by means of sponges inserted in the false bottom of the box. No. 0, 16 in. window box, \$1.00; No. 2, 25 in., \$1.75; No. 7, 35 in., \$2.50; No. 23, 45 in. porch box \$3.75; No. 25, 53 in. \$4.25.

RAT CORN

A new and scientific discovery. Kills rats and mice with no odor. It mummifies them and they simply dry up. Harmless to human beings and live stock.

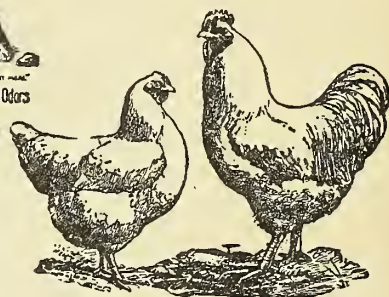
RAT CORN

25c, 50c and \$1.00 per can, postpaid.



WHITE ROCKS

Eggs from first pen, \$5.00 per setting of 15.
Eggs from second pen \$3.00 per setting of 15.
Utility eggs, \$1.50 per setting of 15.



SINGLE COMB WHITE LEGHORNS

Bred from 200 to 264 egg hens imported direct from Tom Barron of England. This strain is noted for large size and egg producing qualities, being veritable egg machines.

Pens are graded according to size and individual qualities of birds.

Price—First pen, per setting of 15 eggs, \$10.00.

Second pen, per setting of 15 eggs, \$5.00.

Third pen, per setting of 15 eggs, \$3.00; 2 settings, \$5.50; three settings, \$7.50; 4 settings, \$9.00; 5 settings or more, \$2.00 per setting.

Eggs from the original imported hens, \$15.00 per setting.

We still have a few cockerels for sale at \$5.00 each.

