

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

6297 Hill St. Tracy Ca.

SEEDS

1911

LIBRARY
U.S. Department of Agriculture,
Washington, D. C.



W.E. DALLWIG



34
JUNEAU
AVE.,



KRUS
SEED CO.
MILW.

MILWAUKEE, WIS.

INDEX

Abutilon	46
Achillea	81
Adonis	46
Ageratum	46
Almond Flowering	90
Althaea	90
Alyssum	46, 67
Amaryllis	70
Ammobium	53
Ampelopsis	84
Anemone	81
Anise	41
Annuals, Mixed	66
Aquilegia	46, 67, 81
Asparagus	12
Asparagus, Ornamental	46
Asperula	41, 47
Asters	47
Auricula	47, 82
Balloon Vine	68
Balsam	48
Barley	43
Beans	12
Beets	13
Begonias	47, 70
Bellis	52, 67, 81
Berberis	90
Bignonia	84
Blackberries	94
Bleeding Heart	81
Bocconia	81
Bone Meal	3, 99
Borage	41
Browallia	48
Brussels Sprouts	13
Buckwheat	43
Bulbs	70-77
Cabbage	15, 16, 17
Caladium	70
Calceolaria	48
Calendula	57
Calla	48
Callopsis	48
Campanula	48, 67, 81
Canary-bird Flower	68
Candytuft	48, 49
Canes, Bamboo	100
Cannas	70, 71
Canterbury Bell	48, 67, 81
Caraway	41
Carnation	51, 67, 81
Carrots	19, 20
Cauliflower	16, 18
Celery	19, 20
Celeriac	20, 21
Celosia	48, 51
Centaurea	49, 51
Chard, Swiss	39
Chervil	41
Chionanthus	90
Chrysanthemums	52
Cineraria	52
Cinnamon Vine Roots	71
Clematis	84, 85, 87
Clovers	43
Cobaea	68
Cockscomb	48, 51
Coleus	52
Columbine	46, 67, 81
Coreopsis	48, 67, 81
Cornflower	51
Corn, Field	42
Corn Salad, or Fetticus	21
Corn, Sweet	21, 22
Cornus	90
Cosmos	50, 52
Cress	16
Crinum	71
Cucumber	23
Cultivators	3rd page cover
Currants	94
Cyclamen	52
Cyperus	53
Cypress Vine	68
Dahlia	73-77
Daisy	49, 52, 67, 81
Dandelion	41
Delphinium	55, 56, 67, 81
Deutzia	91
Dianthus	51, 53, 67, 81
Dibbles	99
Digitalis	67, 81
Dolichos	68
Dracaena	53
Duster, Little Giant	99
Eggplant	24
Elder	92
Endive	24
Eschscholtzia	53
Eulalia	81
Everlastings	53
Farm Seeds	42, 43
Fennel	41

Ferns	81
Fertilizers	99
Flower Seeds, Culture of	44-69
Flower Seeds, General List of	46-69
Flower Seeds, Tables	45
Flower-pot rolling stands	100
Flower tubs	100
Flower vases	100
Forage seeds	42, 43
Forget-me-not	54
Forks	99
Forsythia	91
Four o'clock	54
Foxglove	67, 81
Fringe	90
Fruits, small	94
Fruit Trees	93
Funkia	81
Gaillardia	54, 67, 81
Gladiolus	71
Glazing points	99
Gloxinia	72
Godetia	54
Gomphrena	53
Gooseberries	94
Gourds, Ornamental	68
Grafting wax	99
Grapes	94
Grass seed mixture	3
Grass seeds	43
Gypsophila	56, 67, 81
Helianthus	56, 81
Helichrysum	53
Heliotropium	55, 56
Hemerocallis	81
Herbs	41
Hesperis	67, 81
Heuchera	81
Hibiscus	56, 67, 81
Hoes	3rd page cover
Hollyhock	56, 67, 81
Honeysuckle	87, 91
Hotbeds	8
Humulus	68
Hunnemannia	53
Hyacinthus	71
Hydrangea	91
Iberis	48, 49, 31
Ice Plant	56
Implements	3rd page cover
Insecticides	99
Introductory	1, 2
Ipomoea	68
Iris	79, 82
Jack and the Bean Stalk	87
Japanese Morning-glory	69
Japan Quince	90
Kale or Borecole	24, 26
Kochia	56
Kohlrabi	24, 25
Knives	99
Kudzu Vine	87
Labels	99
Larkspur	55, 56, 67, 81
Lawn grass seed	3
Leek	24
Lettuce	26, 27
Lilac	91
Lilies	72
Lily of the Valley	72
Lines, Garden	99
Linum	56
Lobelia	56, 67, 81
Lophospermum	69
Love-in-a-mist	57
Lupinus	56
Lychnis	67, 81
Madeira Vine	73
Mangel-Wurzels	15
Marigold	57
Mastica	99
Mastica machine	99
Matricaria	54
Matrimony Vine	87
Maurandia	69
Melons	28
Mesembryanthemum Ice Plant	56
Mignonette	57
Millets	43
Mimosa	56
Mimulus	56
Mina Lobata	69
Mock Orange	91
Momordica	69
Monarda	81
Moonflower	68
Morning-glory	69
Mushroom spawn	41
Musk Melon	28
Musk plant	56
Myosotis	54, 81

Nasturtiums	58
Nicotiana	57
Novelties	4-7
Oats	43
Gkra.	28
Onions	29-31
Ornamental Trees	93
Pansy	59
Parsley	32
Parsnip	32
Passiflora	69
Peanut	32
Peas	32, 33
Peonies	82, 83
Pepper	32
Perennial Plants	78-83
Perennials, Seeds of	67
Petunia	60
Phlox	60, 67, 79, 82
Philadelphus	91
Physostegia	82
Pinks	53
Planet Jr. implements	3d page cover
Plant Stakes	100
Platyodon	82
Poppy	53, 61, 67, 80, 82
Portulaca	61
Potatoes	34
Poultry Supplies	95-98
Powder gun	99
Primrose	62
Pruners, Tree	100
Prunus	91
Pumpkin	34
Pyrethrum	54, 82
Radish	35, 38
Raffia	99
Rape	42
Raspberries	94
Reels	99
Rhubarb	38
Rhcinus	62
Rosemary	86-88
Rose	41
Rudbeckia	62, 82
Rutabaga	38
Rye	43
Salpiglossis	63
Salsify, or Vegetable Oyster	38
Salvia	63
Salsifiosa	63, 67, 80, 82
Scorzonera	38
Sedum	63
Seed Sowers	3d page cover
Shears	100
Shrubs	89-92
Silene	63
Slug Shot	99
Smilax	69
Snapdragon	62
Snowball	92
Snowberry	92
Sorrel	38
Spinach	39
Spiraea	92
Spray pumps and sprayers	98, 99, 100
Sprinklers	100
Squash	39
Stocks	65
Strawberries	94
Sugar Beets	14
Sunflower	38, 42
Sweet Peas	64, 65
Sweet Sultan	49, 51
Sweet William	63
Thermometers	97, 100
Tabacco seed	39
Tomato	40
Trees	93
Tritoma	82
Trowels	100
Tuberose	73
Turnip	40
Valeriana	82
Vegetable Seeds	12-41
Vegetables, Culture of	8
Vegetable seed tables	9-11
Verbena	66
Veronica	82
Viburnum	92
Vines, from seed	68, 69
Vines, Hardy	84-87
Violets	66, 82
Wallflower	66
Watermelon	28
Weeders	100
Weigelia	92
Wheat	43
Wistaria	87
Yucca	82
Zea	66
Zinnia	66

Will H. Jones

Some New Departures

The average seed catalog presents a bewildering array of varieties, many out of date, or superseded by better and improved types, all of which tend only to confuse the private planter who is expected to choose from needlessly long lists, and he is as likely to choose the wrong or inferior sorts as the better.

To simplify matters for the planter, we have carefully revised our catalog, and present only such varieties as years of experience have proven of true worth. In choosing from this list, you cannot go wrong. We have done the weeding out and left only tested sorts for your choice.

Of course we can furnish you any standard variety, and if you have a preference for any sort not here cataloged, we can supply it to you.

Our sole object in this revised and reduced list is to make selection easier for you. Why should we expect you to wade through a list of say 30 varieties of Peas, when a list of 10 varieties will cover all your possible needs and greatly reduce the probability of selecting the wrong sort? Or 25 sorts of Lettuce when one-half that number will answer your requirements? And so on through the whole list; we have narrowed the selection for you and believe our choice, based on years of experience, will meet with your entire approval.

PLANTING TABLES

Another new feature which will doubtless meet with the enthusiastic approval of many amateur gardeners consists of carefully prepared Planting Tables for Vegetables giving a mass of information readily at hand; also lists of Annual Flowers for various purposes, tables of Hardy Perennials arranged according to season of bloom, and lists of shrubs classified under various heads, such as:— Shrubs with Showy Fruit, Shrubs whose Bark Colors Attractively in Winter, Shrubs Suitable for Hedges, etc.



Announcement



IN PRESENTING this our annual Catalog, we desire to thank our many friends and patrons for the generous support and encouragement that has been given us in the past. Great advances have been made in Horticulture in recent years, and it has been our constant endeavor to keep pace with these, and to procure, as soon as introduced, every novelty at home and abroad that promises to be worth of cultivation. We have purposely omitted from this catalog many varieties which have been either found inferior, or have been superseded by improved strains or varieties. Our descriptions and illustrations are conservative—nothing exaggerated. Many of our illustrations are direct from photographs of the grown product.

SEED BUYING

comes but once a year for most home gardens and should not be decided on the mere claim of cheapness, for the matter of saving a few cents is but a trifle as compared to the loss of labor, ground, and perhaps the entire crop, with much disappointment added, when seeds are bought for low prices rather than on merit.

We handle absolutely nothing which we do not believe to be the best obtainable, and we know that we have unsurpassed advantages for the procurement of the best seeds at a cost which will enable us to offer them to our customers at the lowest prices at which well-grown and selected seeds true to name can be furnished; but we do not claim to compete in prices with those made by irresponsible and hazardous growers and dealers whose sole effort is to secure the lowest priced seeds regardless of quality; such seeds are not cheap, but dear at any price.

We take all possible care to supply only such stock as will, under proper conditions, produce satisfactory results. Still seeds of the best quality will sometimes fail, due to causes entirely beyond our control, such as: sowing too deep or too shallow, in too wet or too dry soil; insects of all descriptions destroying the plants as soon as, or before, they appear above the ground; cold or dry air may check the growth of young plants or destroy them entirely, and a great many other contingencies may arise to prevent the best seeds from giving satisfaction. For all these reasons it is impossible to guarantee seeds, and we must therefore disclaim all responsibility as to results obtained from any seeds, bulbs, or plants we send out.

WE GIVE NO WARRANTY, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, PRODUCTIVENESS, OR ANY OTHER MATTER OF ANY SEEDS, BULBS OR PLANTS WE SEND OUT AND WE WILL NOT BE IN ANY WAY RESPONSIBLE FOR THE CROP. IF THE PURCHASER DOES NOT ACCEPT THE GOODS ON THESE TERMS, THEY ARE AT ONCE TO BE RETURNED

General Directions to Correspondents

Our Terms are strictly Cash with the order. Our goods being of First Quality, and very low in price, we must request our customers to ask no indulgence from us in the way of time.

How to Send Money. We prefer that remittances be made by Postal Money Order or Express Money Order. The rates charged for money orders are now so low that this is the best way to remit. They are CHEAP and ABSOLUTELY SAFE. Postage stamps in small amounts are taken as cash, but they must be sent so they will not stick together. If personal checks are sent, the cost of exchange should be added. Letters containing cash should always be registered.

Free Delivery. We deliver free to any post-office in the United States all flower and vegetable seeds by the packet or ounce. 8 cents per pound should be added for larger quantities, if wanted by mail. If beans, corn and peas are wanted by the pint or quart please add to remittance at the rate of 8 cents per pint and 15 cents per quart. Plants, shrubs, fertilizers, insecticides and sundries are at all times excluded from free delivery.

Packing. No charge is made for boxes or packing, nor for delivery to Freight Depots or Express Offices in Milwaukee. We charge only for two-bushel cotton bags at 20 cents each.

Name and Address. Please remember to write very plainly your NAME, POST-OFFICE, COUNTY and STATE; also give street number and P. O. Box if any; also NEAREST EXPRESS OFFICE.

Prompt Delivery. We try to ship all orders the same or the next day after receipt, but during the busy season slight delays may sometimes occur; for this we ask the indulgence of our customers.

Market Gardeners and Truckers, Public Institutions and others who need seeds in larger quantities, will on application, be supplied with a **Special Price List.**

German Catalog upon Request

Deutscher Katalog auf Verlangen

D
Di
De
De
Di
Di
Di
De
Di
E
El
Et
Es
Et
Ev
F
Fe

Quarts Pints Pounds Ounces Packets

NAMES OF ARTICLES WANTED.

PRICE

\$ Cts.

Amount Brought Forward,

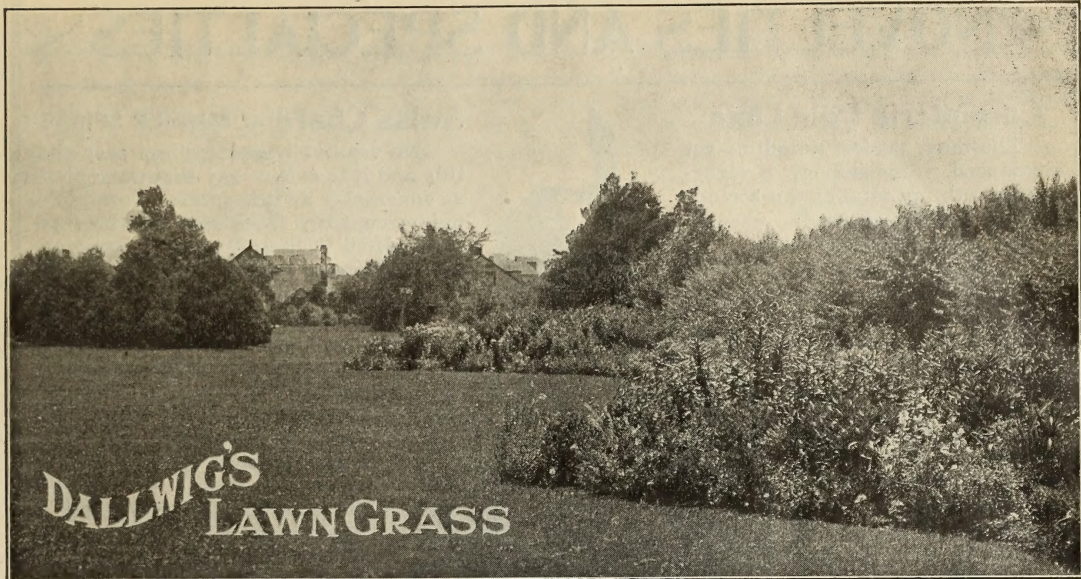
SPECIAL NOTICE:

We shall esteem it a great favor if you will give us in the spaces below the NAMES AND ADDRESSES of any Friends or Neighbors among your acquaintances, interested in gardening. We wish to send them our SEED CATALOG.

NAMES

POST-OFFICE

STATE



There is nothing which adds more to the external attractiveness of a home than a beautiful lawn. Anyone can have it. It will grow in the back yard of a city house as well as in the front. It will grow in the village as well as in the meadow or on the hillside. It is the world-wide covering of the earth as beautiful as flowers, more durable, less costly, nature's own blanket over the rocky soil. Little trouble to prepare the soil to receive the seed, always a fair certainty of its growing, and when established a thing of beauty and a joy.

There exists no reason for unsightly or bare spots in yard or lawn, no reason except indifference to the beautiful. Put down grass seed wherever it is wanted and you will be amply repaid in the satisfaction of having beautified your grounds.

The Lawn Grass Mixture which we offer should not be compared with the cheaper preparations advertised. Our prescription is of the best chosen varieties as respects color, texture and permanency, and will in the shortest time possible produce a beautiful, dwarf, compact turf, which will endure the summer heat, and insure a rich, deep green sward throughout the season. In making up this mixture, we are extremely careful to use only the very best quality seed, which has been thoroughly re-cleaned, the light seeds and chaff being removed, and only clean, heavy, pure seeds retained. Much low priced grass seed is always offered, but close examination will generally reveal the fact that this consists largely of chaff, or of the coarse growing, cheap varieties of grasses which are not adapted for fine lawns. Anyone who purchases cheap, badly mixed Lawn Grass will soon realize that it was a poor investment, as the error will stand out for years in glaring ugliness.

QUANTITIES TO USE AND PRICES

1 pound for 400 square feet of lawn, \$.30	25 pounds for one-fourth acre of lawn, \$ 5.75
5 pounds for 2000 square feet of lawn, 1.25	50 pounds for one-half acre of lawn, 11.00
10 pounds for 4000 square feet of lawn, 2.40	100 pounds for one acre of lawn, 21.00

For renovating old lawns use about half of above quantities.

LAWN GRASS FOR SHADED PLACES. This mixture is especially prepared for use in shaded places, under trees, etc. Prices same as above.

WHITE CLOVER. Best grade, per pound 35c. 10 pounds \$3.25.

BONE MEAL FOR LAWNS

Lawn grass is a heavy feeder and will not thrive and hold its beautiful dark green color and velvety appearance unless it receives a sufficient supply of suitable food. Because few appreciate this fact is the reason there are so many poor, rusty lawns. Stable manure is unpleasant to handle, ill-looking and full of waste material. It contains weed seeds, and it often takes years to eradicate the weeds, causing an unnecessary amount of labor. All these objections are obviated by the use of our Pure Bone Meal.

QUANTITIES TO USE AND PRICES

5 pounds for 200 square feet, \$.25	50 pounds for 2000 square feet, \$1.60
10 pounds for 400 square feet, .50	100 pounds for 4000 square feet, 2.50
25 pounds for 1000 square feet, .90	200 pounds for 8000 square feet, 4.50

NOVELTIES AND SPECIALTIES

Carpinteria Pole Lima

The most perfect pole lima yet introduced. Vine strong, of vigorous growth, producing an abundance of fine large pods, usually closely filled with four beans of largest size, and much thicker than the average pole lima. Color of the bean is distinctive in having a decided greenish tint, an indication of fine quality. Are very thin skinned, extremely tender and of especially fine flavor. A splendid bean for the home and for market garden.

Packet 10c, pt. 25c, qt. 50c
Postage 10c pint, 15c quart

Fordhook Bush Lima Bean

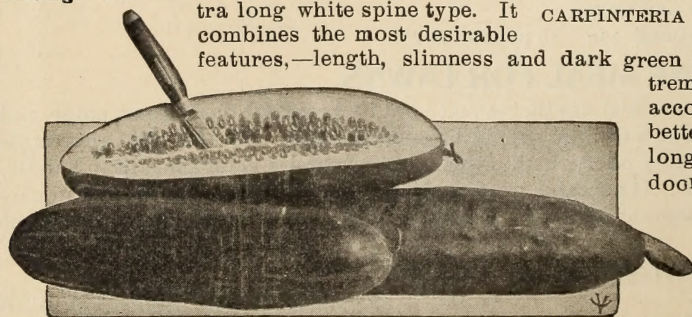
The only stiffly erect bush form of the potato lima. Branches freely, but with all the branches held upright. It bears tremendous crops. The plump, well-filled pods are twice as large as those of the Dreer's are, and the beans are also twice the size. Tender, juicy and sweet, resembling in flavor the finer varieties of the large flat lima.

Packet 10c, $\frac{1}{2}$ pint 15c, pint 25c, quart 40c, $\frac{1}{2}$ peck \$1.25
Postage extra.

Davis

Perfect Cucumber. Nothing better for slicing. The most popular cucumber of the extra long white spine type. It combines the most desirable

features,—length, slimness and dark green color, at the same time being extremely vigorous and productive. On account of its remarkable vigor it is a better blight resister than the other long sorts. Both for indoor and outdoor planting.



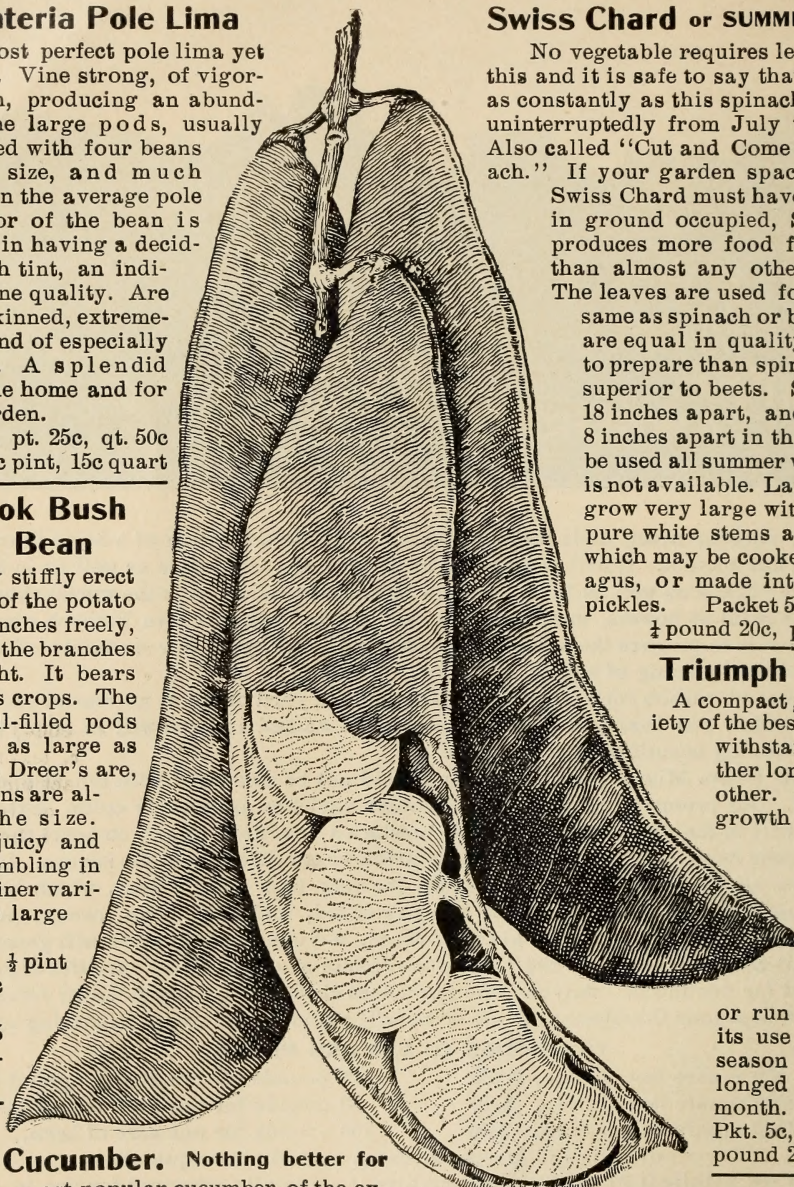
Swiss Chard or SUMMER SPINACH

No vegetable requires less care than this and it is safe to say that none yields as constantly as this spinach, producing uninterruptedly from July until winter. Also called "Cut and Come Again Spinach." If your garden space is limited, Swiss Chard must have a place, for in ground occupied, Swiss Chard produces more food for the table than almost any other vegetable. The leaves are used for greens the same as spinach or beet top; they are equal in quality and easier to prepare than spinach, and far superior to beets. Sow in rows 18 inches apart, and thin out to 8 inches apart in the rows. Can be used all summer when spinach is not available. Later the leaves grow very large with broad, flat pure white stems and mid-ribs, which may be cooked like asparagus, or made into very good pickles. Packet 5c, ounce 10c, $\frac{1}{2}$ pound 20c, pound 50c

Triumph Spinach

A compact growing variety of the best quality that withstands hot weather longer than any other. The habit of growth is prostrate instead of upright. The leaves are thick and warty, and do not quickly wilt or run to seed. By its use the spinach season may be prolonged by a whole month. Pkt. 5c, $\frac{1}{2}$ pound 10c, pound 25c.

CARPINTERIA POLE LIMA



WINTER RELIANCE CELERY. This very desirable variety is considered the most attractive in color and the best in quality of any of the late keeping sorts. The plant is compact, dwarf growing, with solid heart and habit of growth very well adapted for late keeping. When ready for the late market the color is a light creamy yellow, very handsome. Its quality is unsurpassed by that of any variety of its class and is decidedly superior to most of the older long keeping sorts.

The "Hoodoo" Musk Melon

The Hoodoo is the ideal basket and crate melon; the fruits average 1½ pounds, are thickly netted, as hard as a bullet, of very handsome appearance. Flesh very thick, of fine firm texture, rich orange color and sweetest flavor.

Packet 5c, ounce 20c,
¼ pound 50c

Musk Melon Milwaukee Market

Originated as a cross between the old Surprise and a Gem melon. Our strain of it has been improved by careful selection, and we think for a fine home melon and a market-wagon variety it has no superior. The melon is a light green in color, nearly round with only slight sutures, flesh salmon color, wonderfully sweet, with almost no stringiness. As a home garden melon we consider this variety ideal.

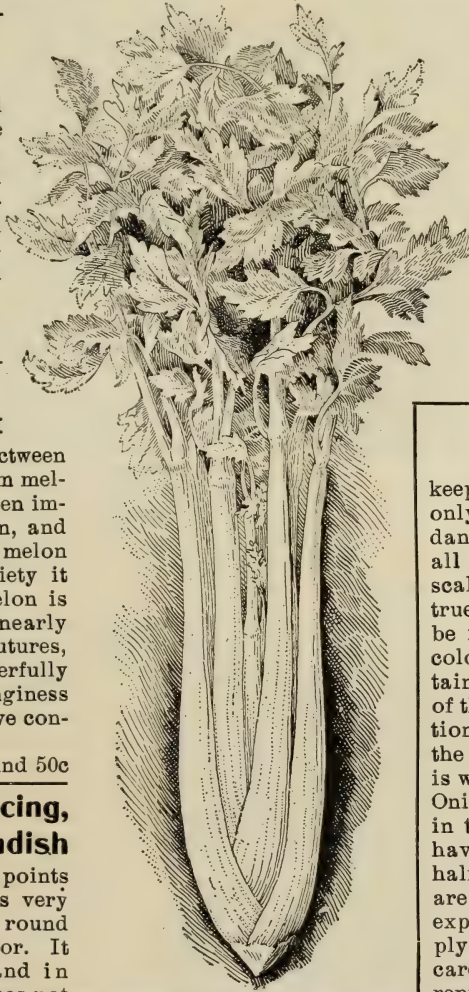
Pkt. 5c, ounce 15c, ¼ pound 50c

Scarlet Turnip Forcing, "Giant Butter" Radish

This new sort has many points of excellence. It produces very large radishes, uniformly round and of a vivid scarlet color. It keeps crisp and tender and in spite of its large size it does not become hollow and pithy. It has a very small tap-root and short leaves, which make it a valuable forcer. On account of its very large size the seed should be sown deeper, and the plants thinned to stand further apart in the rows than ordinary sorts. Pkt. 10c

Early Detroit Tomato. The largest and best in shape of the early purplish pink tomatoes. Vine vigorous and very productive. Fruit exceptionally uniform in size, nearly globe shaped heavy, firm, smooth and well adapted for shipping.

Packet 5c, ounce 30c, 2 ounces 50c



WINTER RELIANCE CELERY

Ailsa Craig Onion

One of the largest of onions. It is a very handsome, oval shaped variety with pale straw-colored skin. For exhibition purposes it is unexcelled. To attain its largest size, it should be sown early in hotbeds, and later transplanted. Very productive, a good keeper, of mild acceptably pungent flavor.

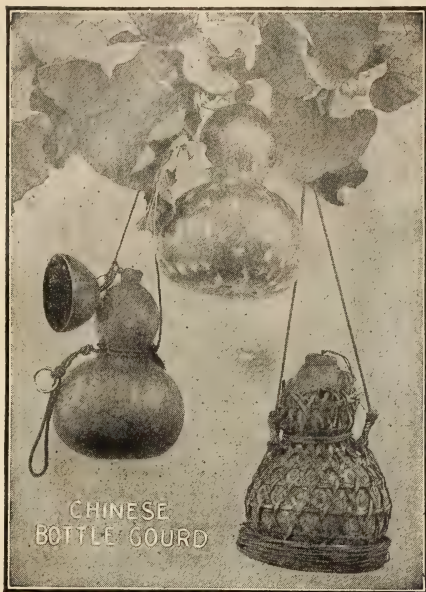
Packet 5c, ounce 30c,
¼ pound \$1.00

ONION SEED

No vegetable is harder to keep true than the Onion. Not only are there the ordinary dangers from crossing, but if all conditions are not ideal, scallions or plants without true bulbs are very likely to be formed. Moreover, good color and shape are never attained without many seasons of the most painstaking selection; otherwise the shade in the case of reds and yellows is weak and pale, making the Onions much less attractive in the market. Our growers have been breeding onions for half a century and the results are all that the most exacting expert could desire. Our supply is produced from bulbs carefully selected from stocks representing the offspring of numberless generations each the best of its time and kind. In uniformity and excellence of color and shape, and in evenness of maturing there are few Onions in the world equal to those grown from our seed. There is none better.

THOROUGHbred SEEDS

We sell thoroughbred seeds. There are no better produced anywhere in the world. They cost us much more than ordinary seeds but are cheap at any price. Does it not seem to you good policy to plant only thoroughbred seeds from the most successful and most extensive plant breeders in the world?



The Chinese Bottle Gourd

Many of the visitors to California seed farms are very much interested in the gourds which the Chinese laborers use for carrying their tea to the field. Nearly every man carries his own bottle of tea tied to his back with a strip of bamboo, and he seems to think as much of his own gourd as if it were a silver pitcher. Some of them are ingeniously covered with wicker work, and all of them are provided with a wooden cork and a bowl made from the top of the gourd, attached with a stout cord to the neck of the bottle.

Packet 5c

New Spencer Sweet Peas

BLANCHE FERRY SPENCER. The well-known pink and white variety in the Spencer type.

Packet 10c, ounce 40c

E. J. DEAL. A mammoth white Spencer with a well defined band of carmine at the edge. A most charming flower of fine form and substance. Quite distinct and well fixed to type.

Packet 15c

MIRIAM BEAVER. In shape, size, graceful arrangement on the stem and free blooming, it is in all respects the same as Countess Spencer. Its novelty is

Packet 10c

its color, a glowing but soft apricot, tinted, shaded and suffused with lemon.

OTHELLO SPENCER. This beautiful new Sweet Pea of the true Spencer type will appeal to those having a preference for the darker colors. The flowers come uniformly true to type, being beautifully waved or crinkled both in standard and wings. The color is a rich deep maroon, contrasting well with the many lighter shades.

Packet 10c, ounce 40c

For other varieties of Spencer Sweet Peas see page 64



PEONY DAHLIA, QUEEN EMMA

Fine New Dahlias

Jack Rose.—The floral sensation of the season, and the greatest Dahlia acquisition. The flowers, of the decorative type, are very large, measuring 6 inches across, with a full high center; the outer petals reflex to the stem as the flower fully expands. Its color is that of the universal favorite "Jack Rose" (General Jacqueminot) from which it derives its name; that rich velvety crimson that cannot be found elsewhere—that brilliantly rich color that appeals so strongly to every one.

Strong roots, each 50c

Delice.—The finest pinkcolored Decorative Dahlia, excellent in form, perfect in type, superb yet delicate in coloring it must appeal at once to every lover of flowers. Color bright pink, suffused with lavender-pink.

Strong roots, each 50c

Peony Dahlia Queen Emma

—This new class of Dahlias has created a sensation at flower shows in Europe. The extra long, wiry stems are crowned with flowers composed of sev-

eral rows of petals surrounding a conspicuous yellow disc. The petals are curiously curved, giving the flower the form of a semi-double peony. We predict a glorious future. Queen Emma is of a charming shade of Mallow or Hollyhock pink, the inner petals banded with gold. Each 25c



COSMOS, LADY LENOX

COSMOS, LADY LENOX

GIGANTIC ORCHID-FLOWERING

An orchid-flowering Cosmos having gigantic blooms of delightful shell-pink color. A strong and vigorous grower, attaining a height of 6 to 7 feet; the flowers may be cut with any length stem up to 5 feet.

Packet 10c

Godetia, "Crimson Glow"

This splendid new Godetia forms a compact little bush about 9 inches in height completely smothered with flowers of the most dazzling intense crimson. A bed of this variety produces a vivid effect the intensity of which it is impossible to describe, and to be fully appreciated it must be seen growing.

Packet 10c

Lupin "Pink Beauty"

Easy of culture, graceful in bearing, splendid for cutting, free in blooming, and delicate in color, this new annual is destined to become one of the most popular garden flowers.

Packet 10c

Dimorphotheca Aurantiaca

An extremely showy annual from Namaqualand, South Africa, of very easy culture. The plants are of neat branchy habit, grow about 12 to 15 inches high and are exceedingly profuse in flowering. Its Marguerite-like blossoms, $1\frac{1}{2}$ inches in diameter, show a unique glossy rich orange-gold, with a dark-colored disc surrounded by a black zone. Well adapted for groups or borders; produces its pretty flowers very early after being planted out in sunny situations.

Packet 10c

DIMORPHOTHECA
AURANTIACA

Escholtzia Thorburni

The grandest of all Escholtzias. In habit it is the same as the California Escholtzia, commonly called California Poppy, but it is decidedly distinct in its coloring, which might almost be described as being barbaric in splendor. The unopened buds on outer side of petals are of the richest deepest possible crimson, toning down on the inner side to bright flame-color and molten-gold. The flowers are larger than those of other Escholtzias and are borne with equal profusion.

Packet 10c

SWEET WILLIAM

JOHNSON'S GIANT. An extraordinary novelty the individual flower being of the size of half-a-dollar. Besides this the range of colors includes shades which are not to be found in other strains and the peculiar and delicate markings on the flowers are most attractive.

Packet 10c

SWEET WILLIAM

EVERBLOOMING HYBRID. This beautiful Dianthus is a cross between the China Pink and Sweet William, combining the free and continuous blooming qualities of the former with the hardiness of the latter. Color velvety crimson-scarlet. Blooms from seed first year. Pkt. 10c

SALVIA, ZURICH. One of the best introductions of recent years. Compact and rather dwarf of growth; produces flower spikes as early as July, and stays in bloom until killed by frost, increasing in brilliancy and size as its growth progresses.

Packet 10c



GENERAL LIST OF

Standard Vegetable Seeds For Market and Home Gardens.

ALL STANDARD VARIETIES OF REAL VALUE may be found in this department. We exclude everything worthless; omit the endless number which are out of date; avoid misleading descriptions, and do not offer same varieties under different names. It has ever been our endeavor as seedsmen to make **Highest Quality** the first consideration and then to fix our prices as low as **Good, Reliable Seeds** can be sold. Department and other stores sometimes offer seeds in packets at seemingly low prices. Examination will show that the packets though bright and attractive, are small, often containing less than one-fourth as much as one of ours, and trial will often demonstrate that, even if the seeds have sufficient vitality to come up, the product will be unsatisfactory. The use of poor seeds **always** results in disappointment and loss. The best is **always** the cheapest. We offer you the very best seeds which can be produced, and at the lowest prices consistent with the highest quality.

All Seeds, except where noted, 5 cents per packet; half packets at 3 cents each.

GENERAL CULTURAL DIRECTIONS

To secure a good crop of vegetables, three things at least are necessary; viz., a suitable soil, pure seed and clean culture. A rich, sandy loam is the best, but a fair degree of success may be secured from any soil which can be made rich and friable. If the soil be stiff, it should be gradually mellowed by the free use of barnyard manure, or, if convenient, by the addition of sand. If wet, or inclined to hold an excess of moisture, it should be underdrained.

Rich soil and liberal manuring will avail little without thorough preparation. The soil must be made friable by thorough and judicious working. The ground should be frequently hoed, to kill the weeds and keep the soil mellow, and the proper time to hoe is just when the weeds appear above ground. Not only should every weed be removed as soon as it appears, but the crust which forms after a rain should be broken up and the ground stirred as soon as it is dry enough to permit it. The more frequently and deeply the soil is stirred while the plants are young, the better, but as they develop and the roots occupy the ground, cultivation should be shallower until it becomes a mere stirring of the surface.

Much time may be gained by starting certain kinds of plants in a hot-bed. The construction of these is so simple and the expense so slight that everybody should have one. We give below brief

DIRECTIONS FOR MAKING A HOT-BED

The best material that is easily available is fresh horse manure, containing a liberal quantity of straw bedding. The manure should be forked over, shaken apart, and if dry, watered and allowed to stand a few days and then be forked over again, piled and allowed to heat a second time, the object being to get the whole mass into a uniform degree of fermentation, and as soon as this is accomplished it is fit for use.

When everything is ready, the manure is placed in the pit, carefully shaking out and spreading each forkful and repeatedly treading down the manure so as to make the bed as uniform as possible in solidity, composition and moisture. Unless this is carefully done, one portion will heat quicker than the other and the soil will settle unevenly, making it impossible to raise good plants.

The manure should be packed to a depth of about two feet. Then put on the frame and sash. The heat will soon rise to 100 degrees or more, which is too hot to sow the seed; but in two or three days it will subside to 90 degrees or a little less, when the soil may be put on to the depth of 6 or 8 inches. The soil should be light and friable, and care should be taken that it is dry. Fresh manure should be carefully packed around the outside of the frame to the very top.

Air must be given every mild day by raising the sashes at the back. Water with tepid water whenever necessary, and during cold nights and snowstorms keep covered with mats or board shutters. The details of management, however, must be learned by experience, but may be easily acquired by anyone who gives the matter careful attention, keeping constantly in mind the essentials given above.

OUR SEED Please show this SEED CATALOG to your friends, and if you should receive an **CATALOG.** extra copy, be kind enough and hand it to some neighbor interested in seeds. We would be glad to send a copy free to any of your friends likely to want seeds. An order this season, no matter how small, secures our catalog for the next as soon as issued.

Ready Reference Planting Tables for Vegetables

The dates mentioned in these tables are, of course, only approximate. They can never be exact, varying with the season and latitude. In planning the vegetable garden, it is advisable to make a diagram on paper. Provide for a succession, as a good deal of the ground can be made to produce two and three crops. March is the time to sow seeds in the hotbed. Hardy vegetables may be planted outdoors between March 15th and April 1st for early crop; for main crop sow outdoors April 15th. Tender vegetables should not be sown in the open ground until May 15th.

NAME	WHEN TO PLANT		DEPTH TO PLANT (inches)	HILL OR DRILL	DIST. APART (thinned)	DIST. BETW. ROWS	SUCCESSION CROPS	GENERAL INFORMATION
	Early Crop	Main Crop						
Asparagus		April	Seeds 2 Roots 6	D	6	12	None	Yield third year. Two year old roots yield following year. Cultural directions with each order
Beans, dwarf	May	To Aug.	2	H or D	3 to 6	18	Lettuce Endive	Sow every two weeks for a succession.
Beans, pole		May 15	2	H	36	36		Plant seed with eye down. Set poles before planting seed. For early crop start in pots.
Beets	March 15	To Aug. 1	1½	D	6	12	Egg Plant Cauliflower	Use Egyptian for extra early, Crosby's for early Detroit for main crop, Egyptian for late.
Brussels Sprts.		May-June	½	D	12	24		Cultivate same as late cabbage. Not good until touched by frost.
Cabbage	Feb.-March indoors	May-June outdoors	½	D	20	30	Corn Salad	Likes cool, moist, rich ground.
Carrot	April	June-July	½	D	4 to 6	12		Give deep, sandy loam; sow every two weeks.
Cauliflower	Mar 1 indoors	May	½	D	18	30		Prefers a rich, moist soil and cool weather. Tie outer leaves together when plants 4 or 5 in. across
Celery	Feb. indoors	April	Just cover	D	6 to 8	24		Transplant twice; wants rich, moist soil.
Celeriac	Feb. indoors	April	Just cover	D	6 to 8	24		Celeriac is a large rooted celery; eat the root.
Chard, Swiss	April	May-Aug. 1	1½	D	8 to 10	18		Leaf used like spinach, midrib like asparagus; commence cutting when leaves are 6 inches high.
Chervil		April-May	½	D	4	12		Used like parsley.
Corn	May 1	June-July	1½	H	36	36	Turnip Radish	Requires thorough cultivation; plant three kinds
Corn Salad	Aug.-Sept.	April-May	¼	D	4 to 6	6		Lives all winter if protected with straw or leaves; used as salad.

NAME	WHEN TO PLANT		DEPTH TO PLANT (inches)	HILL OR DRILL	DIST. APART (thinned)	DIST. BETW. ROWS	SUCCESSION CROPS	GENERAL INFORMATION
	Early Crop	Main Crop						
Cress, Garden	April	June	¼	D	3	6	Various	Make repeated sowings.
Cucumber	March indoors	May 15 To July 15	½	H	36	36		For very early crop start a few plants in pots. Use Slug Shot to kill beetles.
Egg Plant	March indoors		½	H	36	36		Must not be set out until ground is warm.
Endive	May	July-Aug.	¼	L	10	12		Make two sowings. For winter use store in cellar
Garlic, sets		April	1		6	10		
Horse Radish		May	2		12	24		
Kale		May	½	D	12	18		Grows anywhere. Treat like cabbage. Not good until touched by frost.
Kohlrabi	April	June	½	D	6	12	Lettuce Beans etc.	Dallwig's Star of the Market is the very best.
Leek	March indoors	April-May	½	D	4	10		Thin when 4 inches high, and transplant when 8 inches high.
Lettuce	Feb.-March indoors	Apr.-Sept.	¼	D	8	12	Repeat or various	Black Seeded Simpson for a loose leaved sort. Sow several varieties of head lettuce.
Marjoram		April-May	¼	D	8	12		Used for seasoning.
Melon, Musk	April indoors	June	1	II	48	48		Use Slug Shot to kill bugs.
Melon, Water		June	1	II	48	48		Use Slug Shot to kill bugs.
Mushroom		Aug.-April	2		6	6		Use Pure Culture Spawn. Complete cultural directions with each order.
Mustard		April-May	½	D	1	6	Sow again	Used as salad; sow every two weeks.
Okra	March	May	1½	D	18	18		Young seed pods used stewed and in gumbo soup
Onion	March		¼	D	6	12		Deep, rich loam is best; keep clear of weeds. For very early use sets, or sow White Welsh in fall.

NAME	WHEN TO PLANT		DEPTH TO PLANT (inches)	HILL OR DRILL	DIST. APART (thinned)	DIST. BETW. ROWS	SUCCESSION CROPS	GENERAL INFORMATION
	Early Crop	Main Crop						
Parsley, Curled	March	May	½	D	6	12	Cut all summer	Sprinkle with hot water after sowing; will start more quickly.
Parsley, Root	March	May	½	D	6	12		Roots stored like Carrots; used in soups.
Parsnip		April	½	D	6	12		Roots may remain in the ground.
Peanuts		April	2	H	6	12		Light, sandy soil.
Peas	March	May-Aug.	3	D	6	24	Corn, celery, cabbage	Plant a number of sorts for a succession.
Pepper	March indoors		½	D	12	18		
Potato	April	May	3	H	12	24	Turnip	Spray with Bordeaux and Paris Green.
Pumpkin		May-June	1½	H	60	60		Plant between Corn; do not plant near Melons or Squashes.
Radish	March	Apr.-Sept.	½	D	2-4	8-12	Various crops	Sow every ten days; plant a variety. Light, fine soil for quick growth.
Rhubarb		Sept.	½	H	24	24		Plants may be set in spring or fall; set 4 in. deep
Sage		May	½	D	8	12		Used for seasoning.
Salsify		April	1½	D	6	12		Dig and store like carrots.
Scorzonera		April	1½	D	6	12		This is the Black Salsify.
Spinach	March-April	May-Oct.	1	D	6	12	Sow again	Sow very frequently for a succession.
Squash		May-June	1½	H	36	48	Beans after Summ. Squash	May be planted in corn.
Tomato	Feb.-March indoors	April	½		36	36		For early crop grow Earliana, for midseason Beauty, for late Matchless.
Turnip	April	July-Aug.	½	D	4	12		

ASPARAGUS SEED

Cultural directions furnished with each order, if requested.

Columbian Mammoth White.—Shoots are white and remain so without earthing or blanching. It is strong in habit, throws very large and numerous shoots.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c

Conover's Colossal.—A standard variety, of large size, tender and of excellent quality.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c

ASPARAGUS ROOTS. If desired by mail, add 50c per 100 for postage.

Columbian Mammoth White.— } 2-year-old plants. Per dozen 15c,
Conover's Colossal.— } per 100 \$1.00

ASPARAGUS KNIVES.—

Each 35c

BEANS | DWARF or BUSH

WAX PODDED VARIETIES

WARDWELL'S KIDNEY WAX.—One of the best early wax beans. It is almost entirely free from rust. The pods are long and showy, very tender, and of excellent quality, and assume a rich golden color.

DAVIS WAX.—AN EXCEEDINGLY HARDY, PRODUCTIVE, WHITE SEED-ED WAX BEAN. All of the pods are very long, straight and hand-

somewhat. The vine is vigorous, bearing near the center many clusters of pods.

MICHIGAN WHITE WAX.—Briefly described, this is a white seeded Golden Wax, but in several vital features superior to that excellent variety. The vine is a little larger, more robust and vigorous; foliage a little heavier. The light golden, comparatively broad pods are produced in great abundance and are uniform in size and color.

HODSON WAX.—The plants are well loaded with long, straight, handsome pods, which somewhat resemble those of the Davis Wax, but are plumper, straighter and longer; brittle and tender.

Currie's Rust Proof.—Early and productive, of excellent quality, and entirely free from rust.

Improved Golden Wax.—Strong in growth, attractive in appearance, a very excellent and exceedingly popular variety.

PRICE OF ALL WAX BEANS:

Packet 5c, $\frac{1}{4}$ pint 10c, pint 15c, quart 30c, $\frac{1}{2}$ peck \$1.00, peck \$1.75

GREEN PODDED VARIETIES

Stringless Green Pod.—Early, productive, perfectly round, fleshy, 5 to 6 inches in length, and entirely stringless.

Extra Early Refugee.—Has all the good qualities of the Late Refugee and is ready for market at least 10 days earlier.

LATE REFUGEE, OR 1000 TO 1.—The pods are round, green, waxy, absolutely stringless, and extra fine in flavor. The variety most largely used for pickling.

ABOVE SORTS: Pkt. 5c, pint 13c, quart 25c, $\frac{1}{2}$ peck 75c, peck \$1.40

Broad Windsor.—Pkt. 5c, pint 15c, quart 30c, $\frac{1}{2}$ peck \$1.00, pk. \$1.85

FORDHOOK BUSH LIMA.—The only stiffly erect bush form of the Potato Lima. Both pods and beans are twice the size of the Dreer's Bush Lima. Packet 10c, $\frac{1}{4}$ pint 15c, pint 25c, quart 40c, $\frac{1}{2}$ peck \$1.25

POLE BEANS

IMPORTED GIANT SWORD.—A splendid variety, vigorous and productive, bearing long, wide, showy green pods in large clusters.

$\frac{1}{4}$ pint 10c, $\frac{1}{2}$ pint 15c, pint 30c, quart 60c

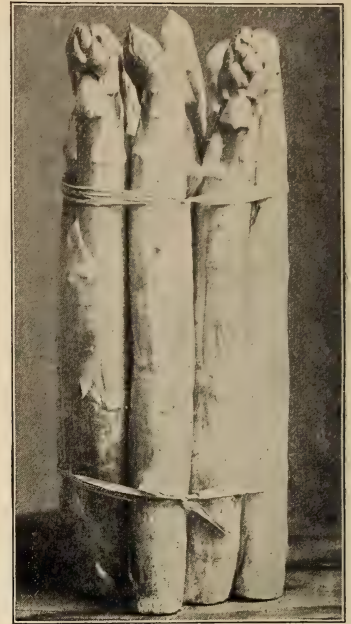
Flageolet Wax.—Early and tender; very productive. Price as above.

Kentucky Wonder.—Long fleshy pod entirely stringless; fine quality

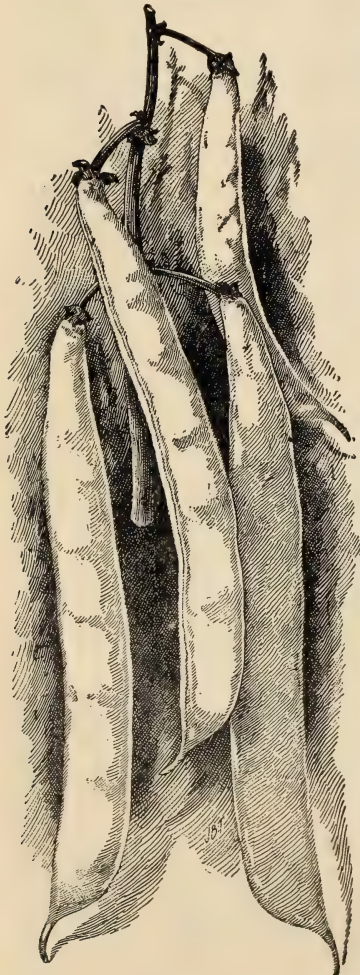
Scarlet Runner.—Favorite both as snap bean and for its flowers.

ABOVE TWO SORTS: Packet 5c, $\frac{1}{4}$ pint 10c, pint 15c, quart 30c

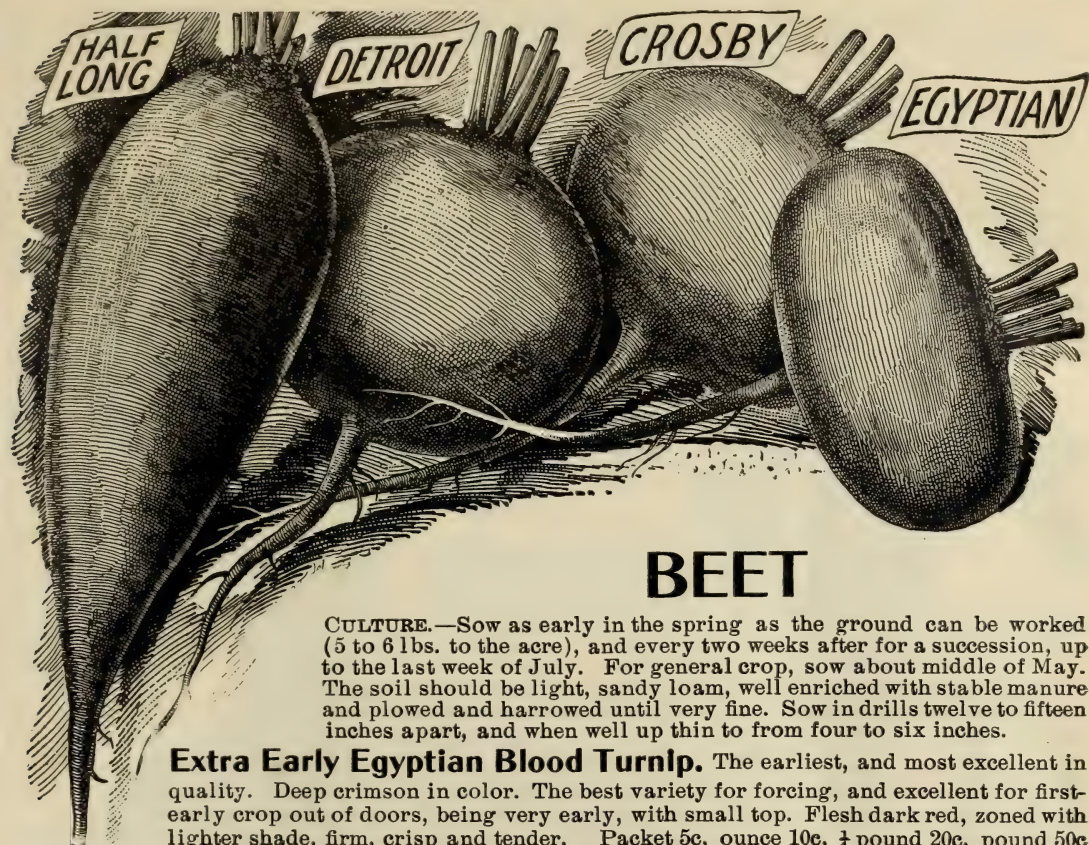
NOTE:—If by mail, add 4c per half pint, 8c per pint, 15c per quart,



ASPARAGUS, COL. MAM. WHITE



MICHIGAN WHITE WAX BEAN



BEET

CULTURE.—Sow as early in the spring as the ground can be worked (5 to 6 lbs. to the acre), and every two weeks after for a succession, up to the last week of July. For general crop, sow about middle of May. The soil should be light, sandy loam, well enriched with stable manure and plowed and harrowed until very fine. Sow in drills twelve to fifteen inches apart, and when well up thin to from four to six inches.

Extra Early Egyptian Blood Turnip. The earliest, and most excellent in quality. Deep crimson in color. The best variety for forcing, and excellent for first-early crop out of doors, being very early, with small top. Flesh dark red, zoned with lighter shade, firm, crisp and tender. Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c, pound 50c

Crosby's Egyptian. A selection from that standard market beet, Extra Early Egyptian Blood Turnip, retaining the earliness of the parent stock and having added thickness, giving it a more handsome shape. Very small tap root, deep rich color, splendid quality, and very rapid growth. Much in demand by market gardeners for forcing.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c, pound 60c

Detroit Dark Red Turnip. Its small, upright growing tops, early maturing, and splendid shape and color of the roots make it popular with everyone. Leaf-stems and veins dark red, blade green; roots globular or ovoid, and very smooth; color of skin dark blood-red; flesh deep vermilion-red, zoned with a darker shade; very crisp, tender and sweet, and remaining so for a long time.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c, pound 60c

Chicago Market. A most perfect dark blood-red kind. Even the leaves of every beet are of the darkest glossy red, almost black. It is of turnip shape, first-class in size, smooth, with small tops and fine small tap root.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c, pound 60c

Half Long Blood.—Rich dark red, very sweet and tender.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c, pound 60c

Brussels Sprouts

Brussels Sprouts are little cabbages which spring in considerable numbers from the main stem. They have a very delicious flavor, and should be more generally planted.

Packet 5c, ounce 15c, $\frac{1}{4}$ pound 50c





Mangel-Wurzel and Sugar Beet.

GROWN FOR FEEDING STOCK

THE VALUE of Mangels for stock feeding cannot be over-estimated. The results from their use are clearly seen in the improved health and condition of animals, the increased flow and quality of milk from cows, and the saving in fodder. Mangels yield enormously if the soil is rich, and can be grown at trifling cost. *Everyone who keeps even one cow should grow a patch of Mangels for winter feed.*

Sugar beets are not as heavy yielders as Mangels, but they are of better quality, abounding in saccharine matter. For sugar producing purposes these beets are grown exclusively in Europe and in some localities in our own country.

Culture. Both Mangels and Sugar Beets require deep, well enriched soil. Sow in May or June in rows 18 inches to 2 feet apart, and 3 to 18 inches in the rows. As soon as frost occurs, dig the crop. About 4 pound are required for an acre.

SUGAR BEET. *Vilmorin's Improved.*— In this variety we have



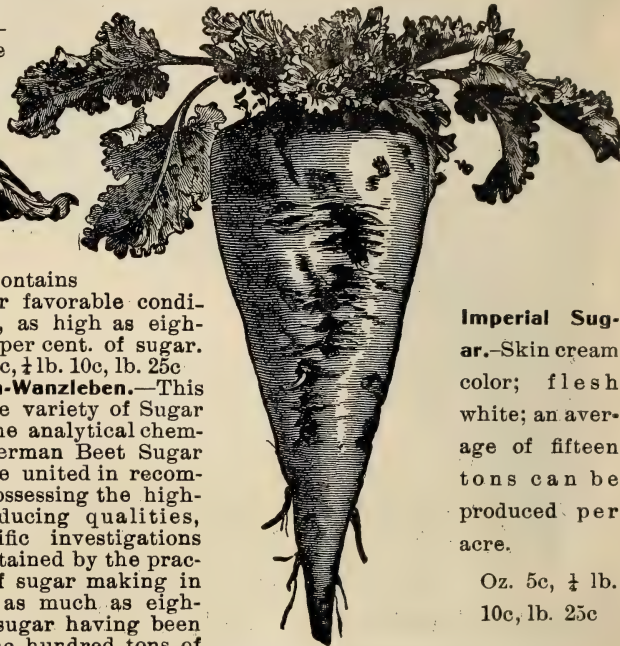
VILMORIN'S.

one of the richest sorts in cultivation, not only that, but it will do better on new lands, suffer less from any excess of nitrogen, and will keep the best of any. Yields from ten to sixteen tons per acre,

and contains under favorable conditions, as high as eighteen per cent. of sugar. Oz. 5c, $\frac{1}{4}$ lb. 10c, lb. 25c

Klein-Wanzleben.—This is the variety of Sugar Beet which the analytical chemists of the German Beet Sugar Factories have united in recommending as possessing the highest sugar-producing qualities, which scientific investigations have fully sustained by the practical results of sugar making in the factories, as much as eighteen tons of sugar having been made from one hundred tons of roots of this variety.

Oz. 5c, $\frac{1}{4}$ lb. 10c, lb. 25c



KLEIN-WANZLEBEN

Imperial Sugar.—Skin cream color; flesh white; an average of fifteen tons can be produced per acre.

Oz. 5c, $\frac{1}{4}$ lb. 10c, lb. 25c

Giant Feeding Sugar Beet, or Half Sugar Mangel

By the same system of careful selection and breeding which accomplished so much with the Sugar Beet, there has been established in the **Giant Feeding Sugar** a strain of beets which, while giving nearly as large a yield of easily grown and harvested roots as a crop of Mangels, supplies a food of very much higher nutritive value. The roots for feeding purposes are really more valuable, pound for pound, than those of the very best strains of sugar beet and the yield under equally favorable conditions is more than double. The roots are of light bronze green color, grow partly out of the ground, and because of this and their shape the crop can be harvested and stored easily and at less expense than any other root crop. Ounce 5c, $\frac{1}{4}$ pound 10c, pound 25c

See illustration opposite.



ROOT CROPS FOR FARM STOCK

It is not what an animal eats but what it digests and assimilates, that is of benefit to the owner. When fed on a ration containing something green or fresh, appetite is stimulated; the digestion is improved and the general health and restful content greater. Root crops, in addition, contain high quantities of nutritive sugar, and are a necessity in rations of growing and fattening animals.



MANGEL-WURZEL.

MAMMOTH LONG RED.—A very productive variety, used for cattle feeding. It is of immense size and an excellent keeper.

Ounce 5c, ¼ pound 10c, pound 25c, 5 pounds \$1.00

GOLDEN TANKARD.—The best type of intermediate Mangel; small top, broad shoulders, smooth skin, very solid flesh, golden stem. Admits of close planting, and will be found a heavy producer.

Ounce 5c, ¼ pound 10c, pound 25c, 5 pounds \$1.00

Champion Yellow Globe.—More easily handled than the mammoth sorts. Fine cattle feeding roots.

Ounce 5c, ¼ pound 10c, pound 25c, 5 pounds \$1.00

Large Oberndorf Red.—Grows to a large size, rounded on top and flattened underneath, almost entirely overground. Heaviest cropping and finest of all globes. Ounce 5c, ¼ pound 15c, pound 40c

Large Oberndorf Yellow.—Differs from the above in color only. Ounce 5c, ¼ pound 15c, pound 40c

CABBAGE

CULTURE.—For very early use sow in January or February in hotbeds; prick out when plants are strong enough into other hotbeds; or sow in cold frames in March, transplant to the open ground when danger from killing frosts is past, in rows 2 feet apart, and 18 inches apart in the rows. For a succession, sow in open ground the last of March or early in April. The autumn and winter varieties sow in April or early May, in shallow drills, 3 or 4 inches apart; transplant into rows 2½ feet apart, and 2 feet apart in the rows. Cabbage succeeds best in a fresh, rich soil, well manured, and deeply dug or plowed.

Cabbages should be hoed every week and the ground stirred as they advance in growth, drawing up a little earth to the plants each time until they begin to head, when they should be thoroughly cultivated and left to mature. Loosening the roots sometimes retards bursting of full grown heads.

Of late years many crops of early cabbage have been destroyed by maggots at the roots. The best remedy seems to be to remove the earth from around the stem and apply kerosene emulsion. The cabbage worms which destroy the leaves and heads may be killed by dusting with Slug Shot.

EARLY CABBAGE

EARLY JERSEY WAKEFIELD

THE EARLIEST AND HARDEST

HEADING OF EXTRA EARLY

CABBAGES

Among the many extra early varieties there is none better adapted to American methods of culture and the American market than Early Jersey Wakefield. The plants are very hardy, not only to endure frost, but also unfavorable conditions of soil and moisture. It is safe to ship the heads younger than would be possible with most varieties, and at the same time they will remain in condition for use longer than ordinary early sorts. The leaves are thick, short and of fine quality. The best sort for very early setting. We offer a stock from



EARLY JERSEY WAKEFIELD CABBAGE

Carefully bred and selected plants, which is much superior to that ordinarily sold.

Packet 5c, ounce 25c, ¼ pound 75c

Pkt. Oz. ¼lb.

EARLY SPRING. —Becomes solid enough for use almost as early as Jersey Wakefield. Similar in form to Flat Dutch. Short stem, compact head.....	05	20	60
CHARLESTON, OR LARGE WAKEFIELD. —Larger than the Jersey Wakefield, a little later, and the head not quite so pointed.....	05	20	60
Henderson's Early Summer. —Is about 10 days later than Jersey Wakefield. May be classed among the best large second early cabbages; round heads.....	05	20	60
Succession. —About one week later than Henderson's Early Summer, but somewhat larger.....	05	20	60
All Seasons. —It is as good for late market or winter as for early. Stands hot sun and dry weather well.....	05	15	50

LATE AUTUMN AND WINTER CABBAGE HOLLANDER CABBAGE--Select

This variety came originally from Europe. The plant is very vigorous, rather compact growing, with a longer stem than most American sorts, and is exceedingly hardy, not only in resisting cold, but dry weather as well. The head is made up of very thick, broad leaves which overlap each other more than most sorts. It is very solid, and stands shipment so well that it arrives at its destination in very attractive condition. In quality, it is one of the best, being very white, crisp and tender. We have given a great deal of attention to this variety and offer seed which we believe will produce a crop of more uniformly typical heads than can be grown from seed offered by any other dealer.

Packet 5c, ounce 25c, ¼ pound 75c, pound \$2.75

LONG KEEPING.—A very handsome and extremely hardy cabbage; has proved to be one of our best winter sorts. The heads are of good marketable size, not quite so large as those of Flat Dutch, but very hard, round, fine-grained, and will weigh one-fourth more. Packet 5c, ounce 25c, ¼ pound 75c
Large Late Flat Dutch.—Standard large, late, flat variety. Packet 5c, ounce 15c, ¼ pound 50c

RED CABBAGE. Dallwig's Early Dark Red. By far the best medium-sized and surest heading early red cabbage. Color a deep, rich red. Many successful market gardeners choose this for their entire crop, pronouncing it the best of all. Pkt. 5c, oz. 25c, ¼ lb 75c

Large Red Hollander. The best late red cabbage. The heads are very solid, of the richest deep blood-red, of good size, fine-ribbed and with few outer leaves. It matures medium late and is a splendid keeper. Packet 5c, ounce 25c, ¼ pound 75c

Mammoth Rock Red.—The heads are as large as the Early Summer, very solid, and of dark red color.

Packet 5c, ounce 20c, ¼ pound 60c

SAVOY CABBAGE

Early Dwarf Ulm.—One of the earliest and sweetest of the Savoys. Heads round and solid; leaves small, thick, fleshy, of fine deep green color, and of most excellent quality.

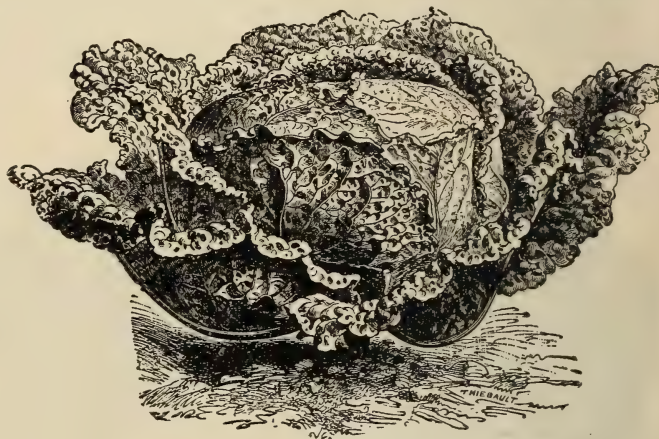
Packet 5c, ounce 15c, ¼ pound 50c

Blumenthaler.—Early, yellow, curled.

Packet 5c, ounce 15c, ¼ pound 50c

Large Late Vertus.—Late green curled. An excellent variety of fine flavor; heads large and showy.

Packet 5c, ounce 15c, ¼ pound 50c



SAVOY CABBAGE, LATE GREEN CURLED VERTUS

CAULIFLOWER

For spring and early summer use, sow about March 1st, in hot-bed, and transplant to cold frame when sufficiently large, and to the open ground as soon as ground is warm enough. For late autumn crop sow in the early part of May and transplant in June. In dry weather water freely, and as they advance in growth hoe deep and draw earth to the stem. When heading tie outside leaves loosely over the heads to protect from the sun.

Haage's Earliest Dwarf. The best sort for forcing as well as for outdoor culture. It is exceedingly early and hardy and is the surest to make a solid, compact, large, pure white head, as it is remarkably drought and heat resisting. Packet 15c, ½ ounce 85c, ¼ ounce \$1.50

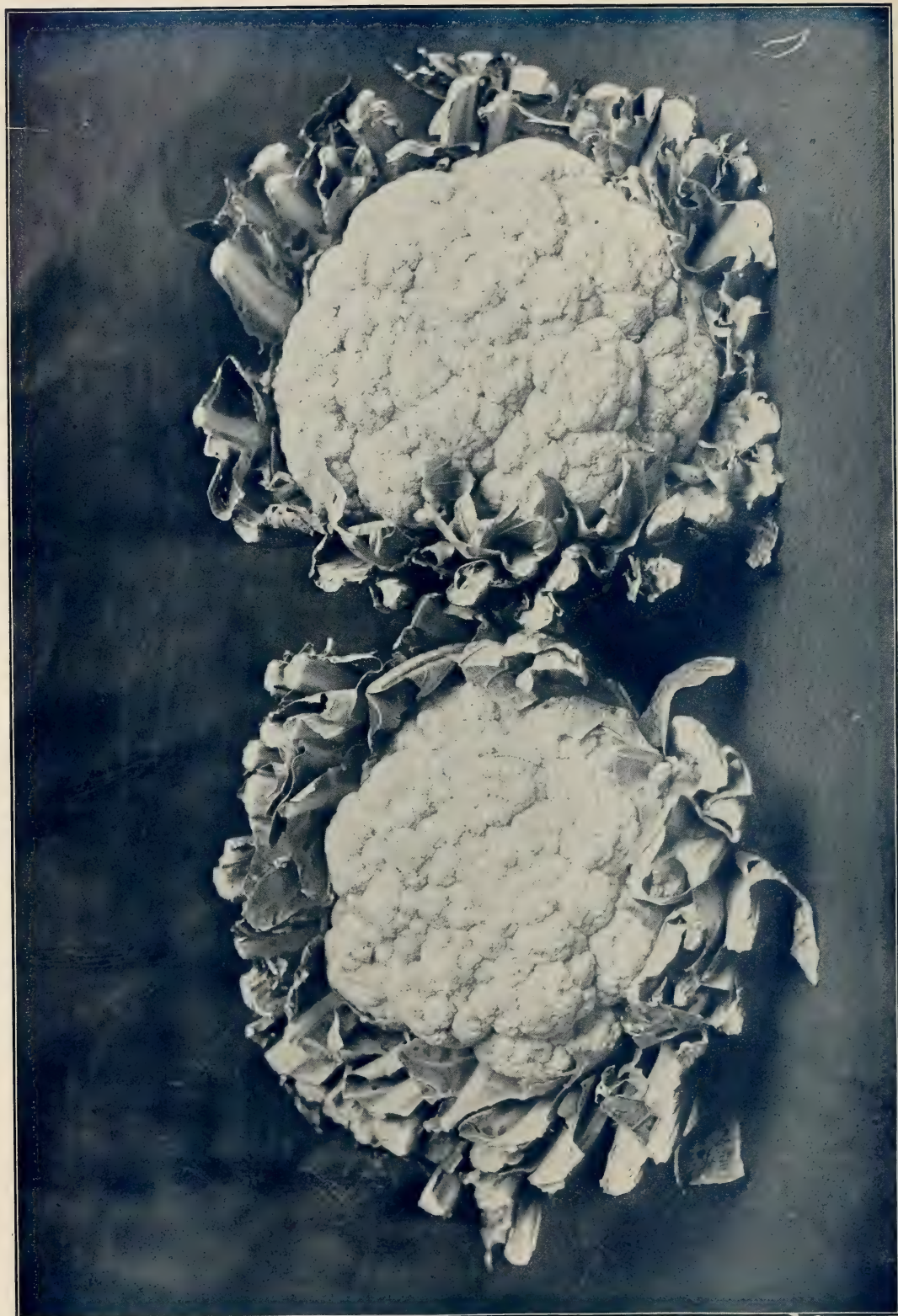
Extra Early Dwarf Erfurt. Long the standard of highest excellence, and not surpassed by any variety for field culture. Large, firm, pure white. Plant short-jointed with narrow erect leaves. Our stock of this is the very finest obtainable anywhere. Packet 10c, ½ ounce 60c, ¼ ounce \$1.00

EARLY SNOWBALL.—Admirable in all good qualities; extra early, good size, pure white, dwarf in habit, with few outside leaves. Packet 10c, ½ ounce 50c, ¼ ounce 75c

CRESS. CURLED, or PEPPER GRASS.—This small salad is much used with lettuce, to which its warm, pungent taste makes a most agreeable addition. It may be sown very early, but repeated sowings are necessary to secure a succession. Packet 5c, oz. 10c, ¼ lb 20c



HOLLANDER CABBAGE—SELECT.



CAULIFLOWER, EXTRA EARLY DWARF ERFURT

CARROT

One ounce 100 feet drill; 3 lbs. per acre. For early crops sow as soon as ground can be worked, in drills $\frac{1}{2}$ inch deep, and one foot apart (3 feet for field culture), from middle of May until first of July, thinning four to eight inches according to varieties. Keep your plants well cultivated.

HALF LONG SCARLET NANTES.—(Stump Rooted). Roots cylindrical, smooth, bright orange.

Early Half Long Scarlet Carentan.—The skin is smooth, flesh red, and without any core or heart.

SELECTED CHANTENAY OR MODEL.—This special strain of Chantenay Carrot is grown from selected, perfect roots only. It will run more uniform in shape and color than any other strain. It is the best early bunching Carrot, stump-rooted, smooth, deep color, and fine grained. A heavy cropper.

See illustration from photograph.

OX HEART OR GUERANDE.—It is intermediate as to length between the half-long varieties, (such as Danvers) and Scarlet Horn, but much thicker, attaining a diameter of from three to four inches at the top. It is of fine quality for table use. Flesh fine grained bright orange, and sweet.

SELECT ORANGE DANVERS HALF LONG.—This strain of Danvers Carrot is selected with greatest care. It runs remarkably true to the correct type, which is of deep orange color, of medium length, and tapering uniformly to a blunt point. Sweet, crisp, tender.

ABOVE SORTS: Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c
Large White Belgian and Large Yellow Belgian.—These grow to a very large size, and are excellent for stock feeding.

Pkt. 5c, oz. 8c, $\frac{1}{4}$ pound 20c, pound 50c

OX HEART CARROT



CELERY

Celery can be successfully grown in any good garden soil, by using plenty of well rotted manure with a liberal sprinkling of coarse salt worked into it. It delights in low, moist, rich bottom land. 1 oz. to 2000 plants
Golden Self Blanching.—Close habit, compact growth and straight vigorous stalks. The ribs are perfectly solid, crisp, brittle, and of delicious flavor, surpassed by no other variety, while it has the decided merit of self-blanching to a very remarkable degree. The heart is large, solid and of beautiful rich golden yellow color.

Pkt. 5c, ounce 30c, $\frac{1}{4}$ pound \$1.00

White Plume.—Naturally white, so that it requires very little earthing up.

Evans' Triumph.—Large, white, crisp, brittle tender and fine flavored stalks. It is late, and requires the whole season to develop.

Winter Queen.—This is without doubt the most valuable variety of celery for winter and spring use ever introduced. Much stouter, thicker and heavier, with double the amount of heart of any known Celery. Blanches to a beautiful cream white. Ribs perfectly solid, crisp and of a delicious nutty flavor.

Above sorts—Pkts. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c.



CARROT, SELECT CHANTENAY



CELERY, WHITE PLUME



CELERIAC, LARGE SMOOTH PRAGUE

CELERIAC OR TURNIP ROOTED CELERY.

A popular German vegetable. The roots, which are used in salads or boiled like parsnips, have a pleasing celery flavor. Keeps well all winter. Give a light, rich, deeply worked soil.

Large Smooth Prague. This is unquestionably the largest celeriac, and the most popular with American growers. Produces large, smooth roots, almost globe shaped, and with very few side roots; the flavor and quality are excellent. Plants vigorous, with large, deep green foliage.

Packet 5c, ounce 15c, $\frac{1}{4}$ pound 50c

DELICATESS.—Produces perfectly smooth, oval-shaped roots without side roots. The flesh is snow-white, tender, and of most delicious flavor, and never rusts. This celery will produce good roots even on poor soil.

Packet 5c, ounce 25c, $\frac{1}{4}$ pound 75c



CORN SALAD

CORN SALAD

Broad Leaved.—(LARGE SEEDED). Used as a small salad throughout the Winter and Spring. Sow thickly in drills, cover slightly first of Autumn and sprinkle with straw on the approach of severe weather, or sow in cold frames; thus it is accessible even when deep snow prevails.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c

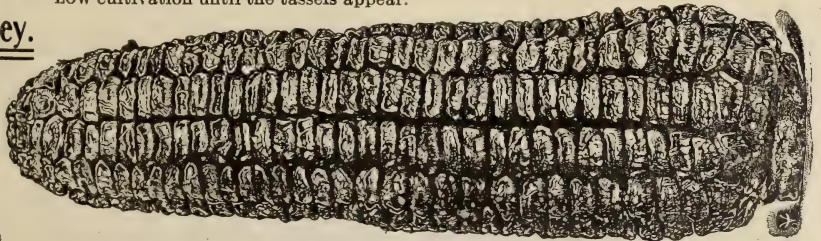
CORN. FOR TABLE USE. A rich, warm, aluvial soil is best, but excellent sweet corn can be raised on any good ordinary soil if it is deeply and thoroughly worked before planting. Give frequent and thorough but SHALLOW cultivation until the tassels appear.

Mammoth White Corey.

The Largest and Best
EXTRA EARLY SWEET CORN.

**NOTHING EARLIER,
NOTHING BETTER,
NOTHING LARGER,**

The ears are 12 rowed, much larger than the old Cory, and covered with large, white grains of good quality. **The Beauty and Quality of this variety give it ready sale even when the market is over stocked.** Gardeners should not fail to make their first plantings of this best of extra early sorts.



MAMMOTH WHITE COREY.

Packet 5c, $\frac{1}{2}$ pint 10c, pint 15c, quart 25c, 4 quarts 75c

**PEEP O'DAY CORN**

PEEP O'DAY.—The two points in which this corn is most remarkable are its extraordinary earliness and unparalleled sweetness, surpassing in these particulars any other known variety. By arranging the plantings a week or two apart, you may have this delicious corn throughout the entire season. It is wonderfully productive, stalks bearing from two to five ears each.

Packet 5c, $\frac{1}{2}$ pint 10c, pint 15c, quart 25c, 4 quarts 75c

GOLDEN BANTAM.—ONE OF THE EARLIEST AND BEST OF EXTREME-EARLIES. DELICIOUS IN FLAVOR. Exceptionally hard and firm, hence can be planted earlier than any other true Sweet Corn. Dwarf and sturdy, growing to a height of four feet, and bearing two and three good ears, five to six inches long, well filled to the extreme rounded tip with eight rows of broad yellow grains. As distinct in flavor from that of white varieties as in color,—being almost literally "sweet as honey".

Packet 5c, $\frac{1}{2}$ pint 15c, pint 20c, quart 40c, 2 quarts 75c, 4 quarts \$1.25

COUNTRY GENTLEMAN.—One of the finest sweet corns for private use. A short stalked, productive sort, frequently producing three ears to the plant. Ears large for so small a stalk; grain narrow and very deep, after form of shoe-peg. Highly recommended as one of the very best.

Packet 5c, $\frac{1}{2}$ pint 10c, pint 15c, quart 25c, 4 quarts 75c

Early Evergreen.—A valuable variety for market gardeners and the home garden. It ripens 10 days in advance of Stowell's Evergreen, and in quality is fully as good. Ears about 8 inches long with 12 or more rows of kernels, which are sweet and tender. Pkt. 5c, $\frac{1}{2}$ pt. 10c, pt. 15c, qt. 25c, 4 qts. 75c

**EARLY EVERGREEN CORN.**

Early Minnesota.—An old favorite variety of excellent quality; large white grains; extremely productive.

Packet 5c, $\frac{1}{2}$ pint 10c, pint 15c, quart 25c, 4 quarts 75c

Black Mexican.—A medium early variety which, on account of its deliciously sweet and fine grained quality, is becoming more of a favorite every year. For the home garden it is very desirable.

Packet 5c, $\frac{1}{2}$ pint 10c, pint 15c, quart 25c, 4 quarts 75c

Stowell's Evergreen.—The most popular late variety. Remarkably prolific, bearing large, finely flavored ears with deep kernels, white in color. Excellent for market.

Packet 5c, $\frac{1}{2}$ pint 10c, pint 15c, quart 25c, 4 quarts 75c

All of our Sweet Corn is hand-picked, all imperfect and under-sized seeds being carefully removed.

IF SWEET CORN IS WANTED BY MAIL, ADD 5 CENTS PER PINT, 10 CENTS PER QUART FOR POSTAGE.

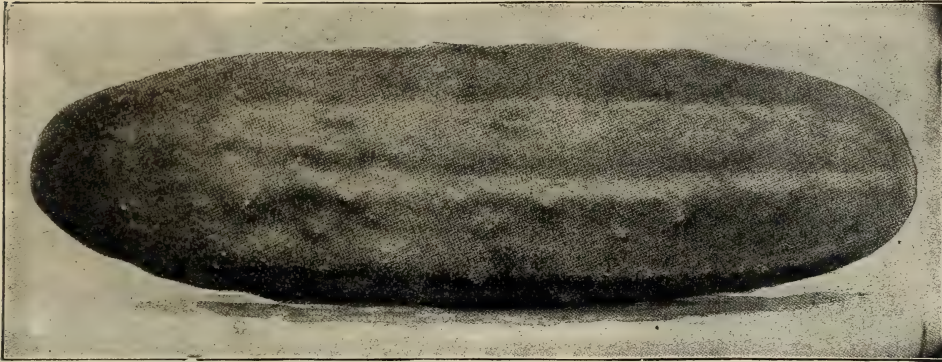
CUCUMBERS

The Cucumber is a tender annual and should never be planted in open ground unless settled weather arrives, for general crop about the middle of May. For pickles, plant from middle of June to the middle of July. By far the best results are obtained from plantings in warm, rich, sandy loam. Prepare hills 4 feet apart each way, and mix with the soil of each a shovelful of well rotted compost. Sow thickly, and when all danger of insects is past ("Slug Shot" is sure death to the striped cucumber beetle), thin out all but three or four of the stockiest vines in each hill. As the cucumbers attain a sufficient size, both the perfect and the imperfect specimens should be picked at once, as fruit left upon the vines to ripen soon destroys their vitality, and consequently their productiveness.

IMPROVED EARLY WHITE SPINE.—Uniformly straight and handsome dark green with a few white spines.

ARLINGTON WHITE SPINE.—A strain of White Spine especially recommended for fine shape, uniformity of size, and dark green color. Desirable sort for forcing.

EVERGREEN, OR LONG WHITE SPINE.—The vine is vigorous and productive. The fruit is long,



cylindrical, dark green, with white crisp and tender flesh. Always remains deep green color. Best slicing sort. Excellent for culture under glass.

Fordhook Famous.—

The fruit is perfectly

EVERGREEN WHITE SPINE

smooth and very dark green, 12 to 17 inches long, straight and solid. Flesh greenish-white, firm and crisp, an enormous cropper and a handsome table fruit, which never turns yellow.

IMPROVED LONG GREEN.—A standard sort for outdoor culture; dark green, firm and crisp, tender and very productive; of uniform size, about twelve inches long. We offer a carefully selected strain.



DAVIS PERFECT.—The best northern market cucumber of the extra long white spine type. Selected for length, slimmess and its dark green color. A vigorous grower and a prolific yielder, besides resisting blight longer than most. It is equally valuable for indoor, frame, and outdoor planting.

Nichol's Medium Green.—It is always straight and smooth,

NICHOL'S MEDIUM GREEN

dark green, tender and crisp.

Chicago Pickle.—Undoubtedly the best cucumber for pickles. Fruit of medium length, pointed at both ends, with large and prominent spines; color deep green.

Jersey Pickle.—Very crisp and tender. Said to "green" better than any other variety.

PRESSING PERFECTED PICKLING.—We believe this new cucumber is just what many picklers want, short pickles which will pack in bottles better than other varieties. The small cucumbers of this splendid new variety are short, cylindrical and blunt ended, making when packed in bottles, very handsome, showy pickles of the very best quality. The vines are vigorous, setting their fruit early and are very productive.

Burpee's Giant Pera.—Very smooth and straight; the skin is a beautiful medium green, perfectly smooth, free from spines, and retains its clear green color until ripe. They are very thick through, perfectly round, and from 15 to 18 inches long when matured. Packet 5c, ounce 15c, $\frac{1}{2}$ pound 35c

Japanese Climbing.—Ten to twelve inches long, of fine green color; extra long vine. Very prolific. Packet 5c, ounce 15c, $\frac{1}{2}$ pound 40c

All varieties of Cucumbers except where noted, packet 5c, ounce 10c, $\frac{1}{2}$ pound 30c, pound 90c



EGG PLANT.

EGG PLANT.

Should be sown, if possible in a hot bed, or in a warm light room in March and potted when two inches high. Plant in open ground about June 1. Carefully protect from intense sun, drought, weeds and potato bugs. Throughout its growth take every precaution to avoid chilling. Use *Slug Shot* if you notice potato bugs on your egg plants.

Thornless Round Purple.—This variety has about superseded all others both for market and private use. The large size and high quality of its fruit and its extreme productiveness make it the most profitable for market gardeners. It often reaches a weight of 12 pounds. It is nearly round, high-colored and the vine is thornless.

Per packet 5c, ounce 30c

Endive

A tender and delicious salad for fall and winter use. Comes in after lettuce is gone. Should be sown in June or July and when nearly grown the tips are tied together to blanch the heart and remove the bitter taste.



ENDIVE.

Dallwig's Yellow Curled.—A very beautiful sort in which the leaves are very light colored, even the outer ones being nearly white. Plant moderately dense with divided leaves.

Yellow Moss Curled.— **Yellow Broad Leaved.**—

Dallwig's Green Curled.—This is the hardest variety, and very desirable for the home and market garden. The deep green leaves are beautifully cut and curled, easily blanched and become very crisp and tender and fine flavored.

Green, Curled Edge.— **Green Moss Curled.**—
" **Broad Leaved.**— Per pkt. 5c, ounce 15c

KALE.

1 oz. to 1,500 plants. Seeds may be sown in a moderately rich soil, in an exposed situation, in April or May. In transplanting treat the plants like young cabbages. The center leaves are used as spinach, and are much improved by frost.

Dallwig's Dwarf Green Curled.—Plant low and compact, but with large leaves curled, cut and crimped until the whole plant resembles a bunch of moss. It would be well worthy of its cultivation simply for its beauty. One of the best sorts for use, and when grown and cooked is one of the most palatable of vegetables. (See half-tone plate 5).

Packet 5c, ounce 15c

KOHLRABI.

1 oz. to 1,500 plants. Grown for its turnip-shaped bulb which should be used when young and tender. It contains the flavor of Cabbage and Turnip and when properly prepared is one of the most delicious of vegetables. Sow in light, rich soil as early as possible, in drills 16 inches apart, and when well established, thin to 6 inches apart in row.



GIANT CARANTAN.

Dallwig's Star of the Market.—Much superior to Vienna. It is very early and the best for forcing as well as for outdoor culture. Bulb greenish-white, smooth, of finest texture and quality. Favorite Market Gardner variety. Pkt. 5c, oz. 20c

Early White Vienna.—A good market sort; flesh white and tender. Packet 5c, ounce 15c

Early Purple Vienna.—Differs from the above in color only. Pkt. 5c, oz. 15c

Large Late Green.—Hardy and late. | **Large Late Purple.**—
Packet 5c, ounce 15c | Packet 5c, ounce 15c

LEEK.

Sow very early in the spring, in drills six inches apart and one inch deep. Thin out to one inch. When about seven inches high, transplant them in rows twelve inches apart, and as deep as possible, but do not cover the young center leaves. Water thoroughly if dry when planted out. Draw up to them when they grow; rich soil is required.

Brabanter (Imported).—A large growing variety, with broad thick leaves. Packet 5c, ounce 10c

Giant Carantan.—A mammoth growing variety, often 3 inches in diameter, of excellent quality, becoming very white and tender. Pkt. 5c, oz. 10c

Musselburgh.—Grows to a large size. Flavor mild and pleasant. Pkt. 5c, oz. 10c



KOHLRABI, DALLWIG'S STAR OF THE MARKET



KALE, DALLWIG'S DWARF GREEN CURLED



LETTUCE, MAY KING

LETTUCE LOOSE LEAVED VARIETIES

One Ounce will Sow 150 feet of Row

Black Seeded Simpson.—One of the best and most popular varieties, as it is attractive, of excellent quality, and continues a long time in condition for use. Packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c

Grand Rapids.—The best sort for shipping. Stands more neglect in watering and ventilation, will grow more weight on the same ground and will stand longer after matured, than any other sort. Of handsome appearance, a strong grower, and not apt to rot, and will keep from wilting longer while exposed for sale than any other sort. The seed we offer is true Grand Rapids. Packet 5c, ounce 10c, $\frac{1}{4}$ pound 30c

Earliest Cutting.—Medium sized, early variety for cutting, keeps right on growing. Pkt. 5c, oz. 10c



BLACK SEEDED SIMPSON.



ERFURT MAMMOTH YELLOW.

variety. Very large, solid heads of yellowish-green color.

German Incomparable.—Very large and solid. Edges of leaves tinged brown. Of especial value on account of its long standing qualities.

Golden Spotted. Golden yellow beautifully spotted brown.

Mammoth Black Seeded Butter.—A selected strain with large, solid yellow heads. Favorite market gardener variety.

Packet 5c, ounce 15c, $\frac{1}{4}$ pound 45c

New Forcing.—The U. S. Department of Agriculture says in part of this Lettuce: "Highly recommended to market gardeners as an excellent forcing sort of the butter class. For a lettuce of its size no variety grew better at Washington than this one. For compactness, solidity, and fine form no variety is more desirable." Seed for Department tests was furnished by us. Pkt. 5c, ounce 15c, $\frac{1}{4}$ lb. 50c

May King.—Superior early heading sort. Light green head, inner leaves blanched to a rich golden yellow. Packet 5c, ounce 15c, $\frac{1}{4}$ pound 40c.

Salamander.—Good-sized compact heads; withstands drought and heat. Packet 5c, ounce 10c, $\frac{1}{4}$ pound 30c.

HEAD LETTUCE

Big Boston.—A splendid shipper, sure header, reliable, and hardy. Packet 5c, ounce 15c, $\frac{1}{4}$ pound 35c

Brown Head.—Bright brown, interspersed very strikingly with bright green in less exposed or in depressed parts. Buttery and tender. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c

Stonehead Golden Yellow.—Rich, golden-yellow. Heads rather small, but very compact and solid, and of superb quality. Packet 5c, ounce 20c, $\frac{1}{4}$ pound 60c

Stubborn Headed Yellow.—One of the best varieties for general use. Packet 5c, ounce 15c, $\frac{1}{4}$ pound 40c

Erfurt Mammoth Yellow.—Large and very firm. Leaves yellowish green bordered yellowish white. Quality excellent; delicate, sweet, buttery in flavor.

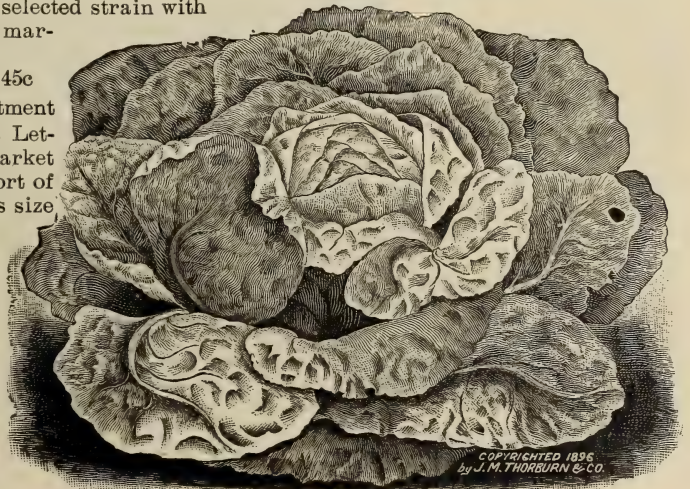
Packet 5c, ounce 20c, $\frac{1}{4}$ pound 65c

Dallwig's Defiance Summer.—Absolutely the best for summer use. Stands heat better than any other

Packet 5c, ounce 15c, $\frac{1}{4}$ pound 45c

Packet 5c, ounce 15c, $\frac{1}{4}$ pound 40c

Packet 5c, ounce 15c, $\frac{1}{4}$ pound 35c



MAMMOTH B. S. BUTTER.



WATER MELON

Extra Early.—Fine quality; very early and therefor suitable for northern climates; medium size; flesh bright red. Packet 5c, ounce 10c, ¼ pound 25c

Sweet Heart.—A popular shipping melon. Large, oval, very heavy; rind thin but firm. Flesh bright red, firm but very tender, melting and sweet. Packet 5c, ounce 10c, ¼ pound 20c

Preserving Citron.—A round melon used for preserving. Packet 5c, ounce 10c, ¼ pound 20c



ROCKY FORD.

MUSK MELON

Musk Melons thrive best in a warm, rich, sandy loam. After thorough spading or plowing make hills 5 feet apart each way, and mix with the soil of each 2 shovelful of well rotted compost. As soon as warm weather becomes established, plant 12 seeds in a hill; thin out when all danger from insects has passed, leaving 3 of the stockiest plants to a hill. Use Slug Shot to kill bugs.

Green-Fleshed Sorts

Champion Market.—Large, almost perfect globe, densely netted, light green, sweet flavored.

Early Hackensack.—Very sweet and juicy.

Montreal.—Large light green; late.

Netted Gem.—Thick-meated, fine luscious flavor; very early.

Netted Nutmeg.—Sweet green, very early.

Rocky Ford.—Has attained national fame for dainty appearance, excellent quality and delicacy of flavor. Flesh light green, exceedingly sweet, and fine grained.

YELLOW-FLESHED VARIETIES

Osage.—Exceedingly sweet and high-flavored. The most popular of all, and styled the "Queen of Melons". Slightly netted, medium sized and cocoanut-shaped. Flesh of rich salmon color.

Tip Top. **Tip Top in Quality** **Tip Top in Appearance** **Tip Top in Productiveness**
Sweet, juicy, finest flavor, firm (but not hard) fleshed, and edible even to the outside coating. The fruit is of large size, nearly round, evenly ribbed and moderately netted.

Paul Rose. **Handsome Shape** **Good Shipper** **Always of Good Quality**

The fruit is oval, about five inches in diameter. The firm flesh is a rich orange red color. The firm solid flesh and strong rind make it the best shipper we know of, while it is just the size for hotel and table use.

PRICES

ALL MELONS LISTED ON THIS PAGE

Packet 5c, ounce 10c, ¼ pound 30c



PAUL ROSE MELON.

MUSTARD

White London.—Best for salads. ¼ pound 10c, pound 20c

OKRA

Cultivated for its young seed pods which are used in soups or stewed and served like asparagus. The pods, when young and tender, may be sliced in sections and strung on a thread and hung up in the shade to cure; in this condition they can be used for soup at any time. Packet 5c, ounce 10c, ¼ pound 20c

ONION

OUR STOCK IS FULLY EQUAL TO ANY AND SUPERIOR IN QUALITY TO MOST THAT IS OFFERED.

A deep, rich loam is best suited to Onions. The ground should be heavily dressed with well-rotted manure, and plowed a moderate depth, taking a narrow furrow in order to more thoroughly mix the manure with the soil; if possible the plowing should be done in the fall. As early in the spring as the ground is in working order, harrow thoroughly and make as level as possible; sow thinly in drills, one-fourth inch deep and twelve inches apart. Keep the surface of the ground open, and free from weeds, but do not ridge up to the growing bulbs. One ounce will sow 100 feet of drill; 4 to 5 pounds per acre.



SOUTHPORT YELLOW GLOBE

of the largest size and nearly globular in form. Skin is yellowish-brown; flesh white, mild and tender. It is one of the best of the large sorts.

AILS CRAIG

One of the largest of onions. It is a very handsome oval shaped variety with pale straw-colored skin. Is very productive, a good keeper for so large an onion, and has a mild and agreeably pungent flavor. To attain largest size it should be sown early in hotbed and later transplanted. For exhibition purposes it is unexcelled—always giving under the same conditions larger and more shapely bulbs than the Prizetaker. Market gardeners who grow this, box them and compete successfully with the imported Spanish Onion.

Packet 10c, ounce 30c

Southport Red Globe

Of medium size, globe shaped with small neck, very deep rich red color, and of superior quality. A large producer and good shipper.

Packet 5c, ounce 20c



AILS CRAIG

Southport**Yellow Globe**

A large handsome globe-shaped yellow variety, very productive, of mild flavor. The outer skin is a beautiful pale yellow; the bulbs are good keepers, uniformly thin-necked, insuring thorough ripening.

Pkt. 5c, oz. 20c, ¼ lb 60c

Yellow Danvers.—A fine, productive, flat variety of medium size; skin straw colored, the flesh white, comparatively mild, and well flavored. An excellent keeper.

Packet 5c, ounce 20c

Large Yellow Strassburg.—A good keeper, valuable for shipping. Pkt. 5c, oz. 20c

GIANT ROCCA.—A large globe-shaped onion. The flesh is very sweet and mild. This variety ripens evenly and does well in both northern and southern climates. We offer the yellow variety.

Packet 5c, ounce 20c

Mammoth Yellow Spanish, or PRIZETAKER

A very handsome onion

Packet 5c, ounce 20c



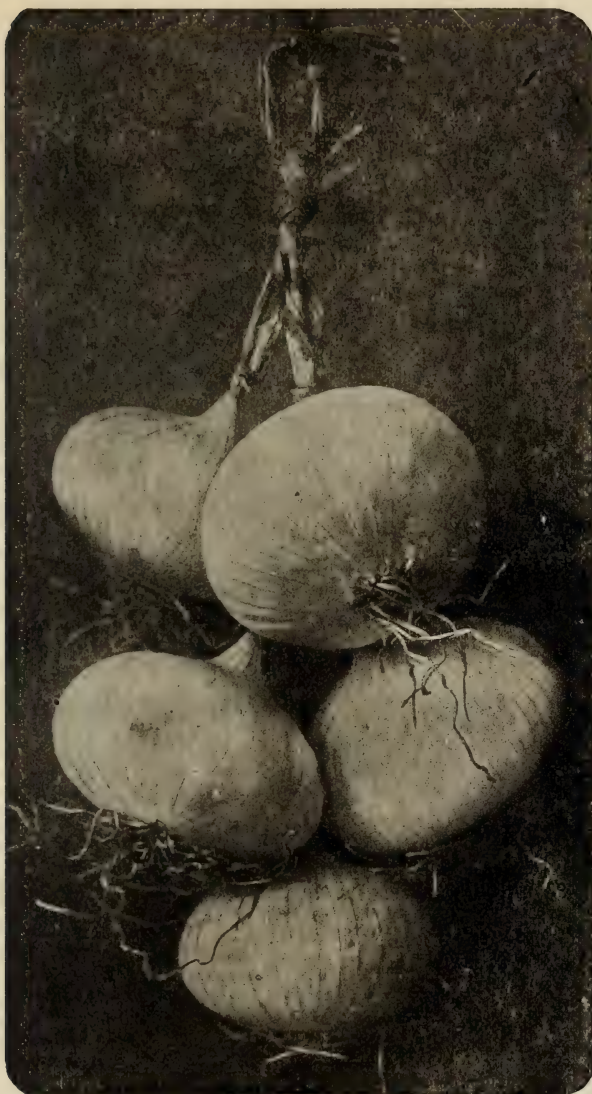
MICHIGAN YELLOW GLOBE ONIONS

MICHIGAN YELLOW GLOBE

PERFECT SHAPE BEST COLOR GREATEST YIELDER

The largest crops of onions are always produced on rich, black lands. On such soils it is found that a globe-shaped onion gives the largest returns, and to meet the demands of the professional onion grower located on such lands, we offer this variety. The bulbs are large, and uniformly spherical, with very small necks; of a rich orange-yellow color; enormous yielders and splendid keepers. No onion grower can afford to plant inferior seed, when such as this can be procured.

Packet 5c, ounce 20c, $\frac{1}{4}$ pound 60c



WHITE QUEEN

for pickling. They grow small and can be sown thickly. It is best to dry the onions as soon as dug.

EXCELSIOR PICKLING.—This is an early, small, round, hard variety, with an opaque, white skin. Crisp, tender, and very handsome.

Packet 5c, ounce 20c

Round White Silverskin Pickling.—Early, round variety, with opaque white skin. An excellent sort for bunching or pickling.

Packet 5c, ounce 20c

EARLY WHITE WELSH.—For Green Onions. This sort does not form a bulb, but is one of the best kinds for "Green Onions". The plants are perennial.

Packet 5c, oz. 20c



ONION SETS

Onion Sets may be planted as early in the spring as the condition of the ground will permit, and they will produce onions in the green state by June.

Set about 4 inches apart. One quart to 100 feet of drill. **Yellow, White and Red Sets. Multipliers. True Tops.**



EXCELSIOR PICKLING

ONION

CONTINUED.

Wethersfield Large Red.—Large, deep red flat variety. Productive, good keeper.

Packet 5c, ounce 20c

Southport White Globe.

Yields abundantly, producing handsome and uniformly globe shaped bulbs. The flesh is firm, fine grained, of mild flavor, and as a table variety its clear white color is exceptionally attractive. Our strain has no superior in uniformity and beauty of shape and color. Pkt. 5c, ounce 25c

WHITE PORTUGAL, OR SILVER SKIN.—One of the leading white sorts, of beautiful shape and very mild flavor. The bulb is flat in shape and matures early. It is a splendid variety both for family use and the market gardener, and is very largely used for sets on account of its fine shape, and also for its good keeping qualities. It is also extensively used as a pickling onion, for which purpose it seems to be finely adapted. Pkt. 5c, ounce 25c

Giant White Italian Tripoly.—A large, beautiful, pure white, flat onion of mild and excellent flavor. Will produce a somewhat larger bulb from seed than our White Portugal, but to attain full size the seed should be started very early in a hotbed and the plants set out in rich soil.

Packet 5c, ounce 20c

Mammoth Silver King.—A beautiful silvery onion, of great size and weight. Form a depressed globe. Fresh snowy white meat, delicate, sweet and tender. It matures early. Packet 5c, ounce 20c

Extra Early Bloomsdale Pearl.—Earliest of all, growing with rapidity of a summer radish. Pearly white, waxy, translucent, form flat and broad. Flavor very mild, indeed, it can be eaten raw almost with the freedom of an apple. On a very rich soil it will grow sometimes 5 and 6 inches across the top. Packet 5c, ounce 25c

White Queen.—A rapid growing variety of mild flavor; pure white, and splendid

Packet 5c, ounce 20c



PARSLEY.

Requires rich, mellow soil. The seed is slow in germinating, and should be sown as early in the spring as possible, in drills one foot apart. When the leaves become old and dull they may be cut off and the plant will start a new growth which will be brighter and better curled.

- Plain Parsley.**—Leaves longer than the curled. Pkt. 5c, oz. 6c, ¼ lb. 15c
- Early Moss Curled.**—Leaves beautifully curled, light green, extra fine for garnishing. Very compact. Packet 5c, ounce 8c, ¼ pound 20c
- Moss Curled Turnip Rooted.**— Packet 5c, ounce 10c, ¼ pound 25c



EARLY MOSS CURLED PARSLEY.

the ground. A heavy cropper.

Hollow Crown.—Smooth, tender and sugary. Packet 5c, ounce 10c, ¼ pound 20c

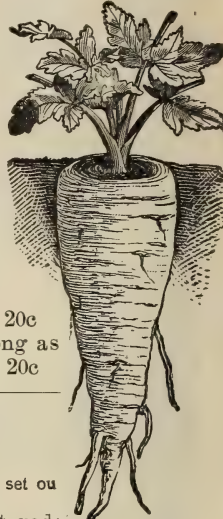
Magnum Bonum.—A smooth, productive variety of delicate flavor. Not as long as Hollow Crown, but somewhat thicker. Packet 5c, ounce 10c, ¼ pound 20c

- Early Turnip Rooted Sugar.**—
 - Long Smooth Turnip Rooted.**—
- The roots are used for flavoring soup.
Packet 5c, ounce 10c, ¼ pound 25c

PARSNIP

Sow as early in the spring as weather will permit in drills 15 inches apart, covering half an inch deep.

Improved Guernsey.—This is a half-long, wedge-shaped variety, broad at the shoulder, and easily taken out of Packet 5c, ounce 10c, ¼ pound 20c



PARSNIP.

PEPPER

Sow in hotbeds or boxes in the house, and set out about the last of May, in warm, rich soil.

Bell, or Bull Nose.—Large bright red; largely used for pickling.

Cayenne Long Red.—Fruit long, slender, bright red, very hot and pungent; productive.

Large Sweet Spanish.—The large red variety generally used for salad; very sweet and mild; bell shaped.

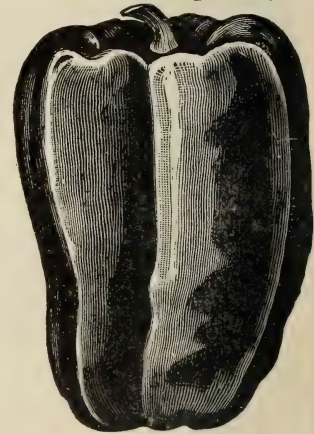
Ruby King.—A large variety of Sweet Spanish; very showy, symmetrical; of a bright ruby red color; best for stuffing.

ABOVE VARIETIES

Pkt. 5c, oz. 20c, ¼ lb. 60c

New Upright Sweet Salad.—Handsome, most productive and finest quality Pepper yet produced.

Large, smooth, thick fleshed, mild and very sweet. Bright scarlet in color. The



RUBY KING PEPPER.



LARGE BELL, OR BULL NOSE PEPPER.

fruit is borne upright, and held clear of the ground. Packet 10c

PEANUTS.

Mammoth Virginia.—The most profitable variety to grow, and more desirable than the common spreading kind, because more easily cultivated; very erect stems and upright foliage and the largest pods and kernels of any variety; also fewer imperfect pods. Packet 5c, ¼ pound 10c, pound 30c

PEAS.

Peas mature earliest in light rich ground; for the main crop a moderately heavy soil is best. Commence sowing the early sorts as soon as the ground can be worked, and continue for a succession every two weeks until August.

Prices do not include postage; if to go by mail add at rate of 15c per quart. All Peas 5c per Packet.

Landreth's Extra Early.

—Everywhere the standard for earliness, maturing for table forty-five days from germination and frequently, under peculiar conditions, in thirty-eight days. Vines 2 feet high, sticks not necessary. May be planted in August and still produce a crop. Per pint 13c, quart 25c

PEAS.

(Continued.)

Extra Early Market.—Since we introduced this pea some years ago we have thoroughly satisfied ourselves that this is the earliest and most even stock of White

Extra Early Peas in existence, maturing so well together that a single picking will secure the entire crop, making it the most valuable pea for the market gardener. Vines vigorous and hardy, *extremely prolific*, the pods being numerous, and well filled with peas of good size and delicious flavor. The seed is yellow.

Per pint 15c, quart 25c

Alaska.—Seven days earlier than most early sorts, of larger size and ten per cent more productive. Grow about 2 feet high and bear 4 to 7 long pods which are filled with medium-sized, bright green peas, of excellent flavor.

Per pint 15c quart 25c

American Wonder.—A popular dwarf, early, wrinkled pea.

Per pint 15c, quart 30c

Nott's Excelsior.—This is a very fine new extra early dwarf

The Best Early Dwarf Pea. wrinkled Pea, the pods average fully one-third larger than the *American Wonder*, and while perhaps not quite so early, by a few days, are all ready for picking at one time. Each pod contains six to eight large peas, which are of *unusually sweet* flavor. So closely are the peas packed in the pods that they are flattened against each other. A most desirable sort for the market gardener, and unsurpassed for the home garden.

Per pint 15c, quart 30c

"Thomas Laxton."—Even superior in earliness, hardiness and large size of pod to *Gradus* which is one of its parents. Notwithstanding its great earliness, the pods are fully as large as *Telephone* and well filled with large luscious peas. Height about 3 feet.

Pint 30c, quart 40c

GRADUS.—An Extra Early Wrinkled Pea.

The immense pods are as large as those of the *Telephone*, uniformly well shaped and handsome,

and more attractive than those of other first earlies. They ripen slowly and continue fit for use much longer than most varieties, making this by far the most desirable sort for the home garden. The peas are large, of splendid quality and beautiful color which they retain after cooking. **Every gardener should try it.**

Per pint 25c, quart 40c

Premium Gem.—An improvement upon the Little Gem, larger and more productive.

Pint 15c, quart 30c

TELEPHONE.—Vine vigorous, growing about four feet high, with large, coarse leaves.

Pods very large, filled with immense peas, which are tender, sweet and of excellent flavor. Notwithstanding the large amount of inferior and spurious stock which has been sold, no pea of recent introduction gained more rapidly in popularity than this, thus showing that it has sterling merit which gardeners appreciate. The stock we offer is prolific and has been carefully selected.

Pint 15c, quart 30c

Sugar Peas with Edible Pods

Imported Mammoth Tall Sugar.—An edible podded variety, growing about four feet high

Pods are very large, sweet and tender. The pods being edible, they should be used in the same way as wax beans. Pint 25c, qt. 50c

Imported Dwarf Sugar, Fuerst Bismarck.—Early, dwarf, 1½ feet high, fully a week earlier than any other sort. Pt. 25c, qt. 50c

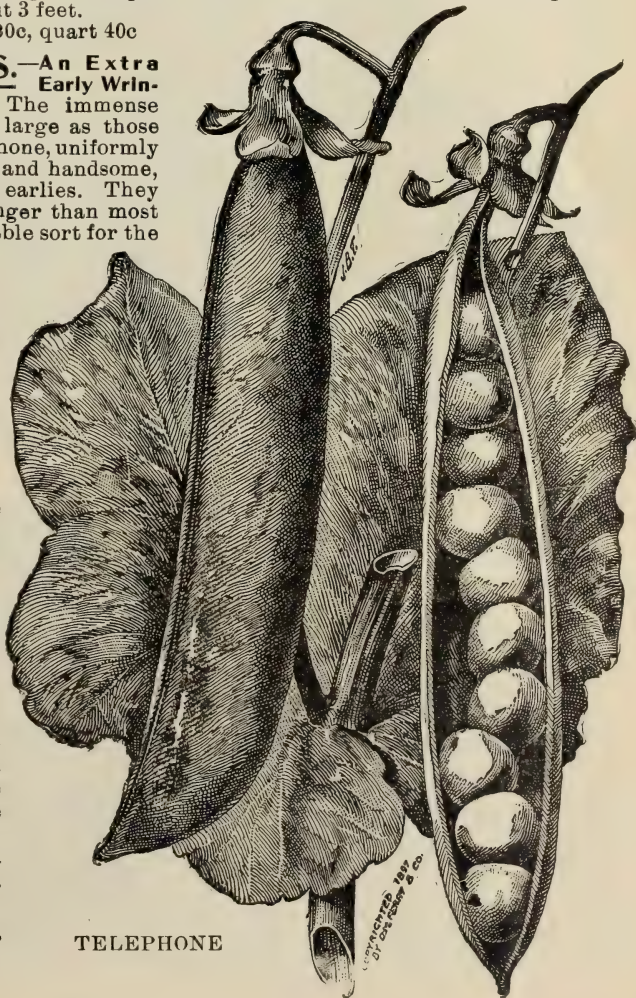
IF PEAS ARE WANTED BY MAIL, ADD 8 CENTS

PER PINT, 15 CENTS PER QUART POSTAGE.

TELEPHONE



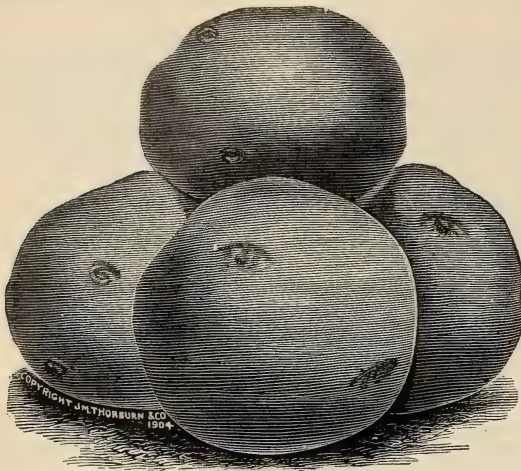
THOMAS LAXTON PEA.





POTATOES

—One peck will plant about 125 hills—



NOROTON BEAUTY

earlier than the Early Rose. Yet fully as productive as any main-crop or late sort. This combination of extreme earliness, productiveness and keeping qualities has never before been attained. It is handsome in appearance and more uniform in size and shape than any other variety. The tubers mature simultaneously, a fact which, combined with its extreme earliness, practically does away with danger from blight or disease or bugs. Its table qualities are superb, and it keeps longer than any other sort, early or late. It is the best all-around potato in existence.

WHITE OHIO



one third. They keep firm until late in spring.

Early Rose.—We claim for our stock of this well-known variety extra earliness and better yielding qualities than found in the average stock.

Sir Walter Raleigh.—Very productive late variety; white flesh of best quality.

Rural New Yorker No. 2.—Very few and shallow eyes; pure white flesh; immense yielder; fine quality; late.

PUMPKIN

Mammoth Tours.—A French variety of immense size. Pkt. 5c, oz. 10c

Sugar.—Small, round Pumpkin, with deep orange-colored skin, flesh sweet and sugary. Pkt. 5c, oz. 10c

Common Field.—Used for cattle feeding; very productive sort.

¼ pound 10c, pound 25c

Our seed potatoes are "Northern Grown" by expert cultivators, and have been selected for quality with the greatest care. Our revised list contains the cream only. Inferior sorts are eliminated. The tubers are large and free from disease.

Prices on Application.
White Ohio.—Identical in every way to the best type of old Ohio, except in color, which is a fine white. It has given the best of satisfaction in the past. For every locality where a White Potato is the popular market color this new Ohio is bound to be a winner.

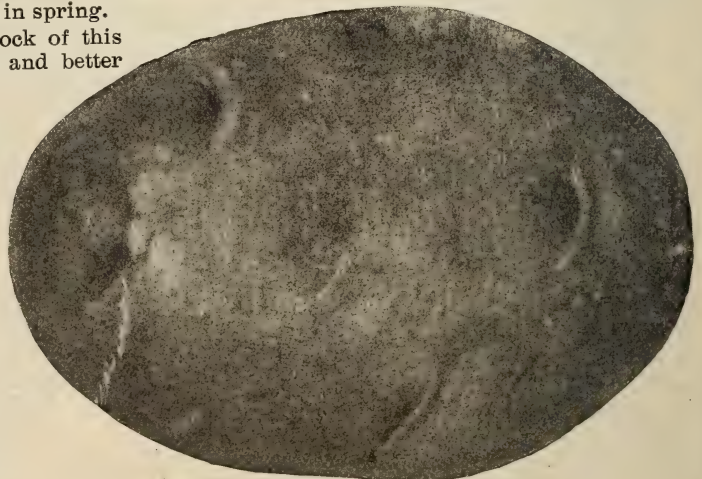
NOROTON BEAUTY

The Most Valuable Potato Ever Introduced

The earliest potato ever grown, being 16 days earlier than the Early Rose. Yet fully as productive as any main-crop or late sort. This combination of extreme earliness, productiveness and keeping qualities has never before been attained. It is handsome in appearance and more uniform in size and shape than any other variety. The tubers mature simultaneously, a fact which, combined with its extreme earliness, practically does away with danger from blight or disease or bugs. Its table qualities are superb, and it keeps longer than any other sort, early or late. It is the best all-around potato in existence.

Early Six Weeks.—Medium size, smooth, oblong, skin pink, flesh white, tubers grow close together in the hill, and grow so rapidly that under favorable circumstances they are fit for family use in 6 weeks from the time of planting; mature in ten or eleven weeks.

Improved Extra Early Ohio.—A special favorite with marketmen and the most profitable sort they can grow. In this improved type the tubers are much smoother and of better shape than the well known Early Ohio, while the yielding qualities are improved



IMPROVED EXTRA EARLY OHIO

RADISH.

For the first crop sow as early in the spring as the ground can be worked, and every two weeks for a succession. A warm, sandy loam will be most likely to afford them brittle and free from maggots. Sow in drills 10 to 12 inches apart. The winter varieties should be sown in July.

Early Scarlet Globe

Selected Stock

A small, round, turnip-shaped red radish, with a small top, and of very rapid growth. It is mild, crisp, juicy and tender. Bright scarlet color. Desirable both for forcing and outdoor planting. For home use should be sown every ten days or two weeks, in order always to have a fresh supply. Our stock of this important variety is the very best; selected with special care as to size, shape, color and earliness. Pkt. 5c, oz. 10c, 1/4 lb. 25c, lb. 65c

Dallwig's "20 Day"

Excellent for Forcing

Quick growth is one of the main essentials for a crisp and tender radish. This variety matures very rapidly, making it valuable both for forcing and for outdoor culture. The flesh is pure white, very crisp and of pleasant flavor; the skin is a most attractive bright scarlet. Very short-leaved. Form slightly elongated or cone-shaped.

Packet 5c, ounce 10c, 1/4 pound 25c, pound 75c

OUR RADISH SEED

Is saved from selected, transplanted roots, by seed growers of experience.

Scarlet Turnip, White Tipped.—Early deep scarlet with white tip; round. Packet 5c, ounce 10c, 1/4 pound 20c.

French Breakfast.—Olive shaped; scarlet with white tip. Showy and delicate. Packet 5c, ounce 10c, 1/4 pound 20c.

Earliest White Turnip.—Short top. Small, delicate, white bulbs; fine for forcing. Packet 5c, ounce 10c, 1/4 pound 20c.

Long Scarlet Short Top.—Long, straight, smooth, rich scarlet, a quick grower. Pkt. 5c, oz. 10c, 1/4 lb. 20c

Giant White Stuttgart.—Very large, heart shaped, white radish of quick growth. Packet 5c, oz. 10c, 1/4 lb. 20c.

Delicacy.—Very early, snow-white, tender. Fine for forcing or open ground. Packet 5c, oz. 10c, 1/4 lb. 20c.

Crimson Giant

This giant radish develops roots 2 inches in diameter and over an ounce in weight, without getting pithy or hollow. Notwithstanding its extraordinary size and weight, this is a splendid forcing sort, its pure white flesh remaining firm and crisp, and of the mildest flavor. Equally good for outdoors. Sow the seed thinly, to permit full development of the roots. Pkt. 5c, oz. 10c, 1/4 lb. 25c, lb. 75c

Icicle

Vies in earliness with the earliest forcing radishes. Roots of pure snowy, almost transparent whiteness, four inches in length and half an inch in diameter; they retain their crispness and fresh, mild flavor a long time. They are slenderly tapering, with but very few small leaves.

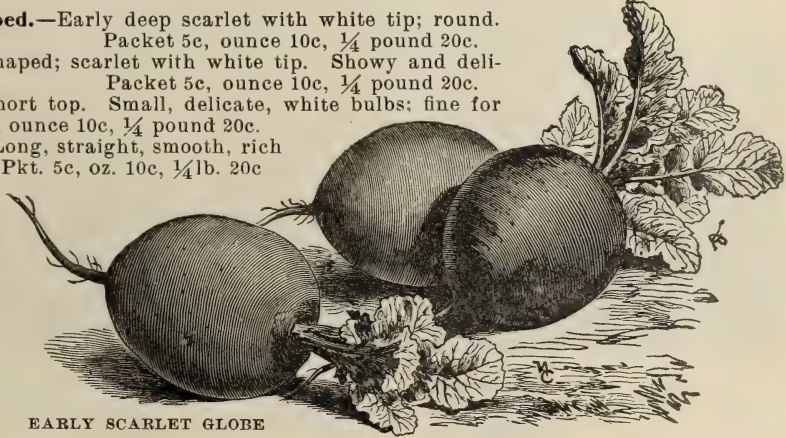
Packet 5c, ounce 10c, 1/4 pound 20c, pound 60c

DALLWIG'S OVAL SHAPED GOLDEN YELLOW

Skin rich golden yellow; flesh white, very crisp and tender. The roots are oval, smooth and handsome.

Packet 5c, ounce 10c, 1/4 pound 25c, pound, 65c

CRIMSON GIANT

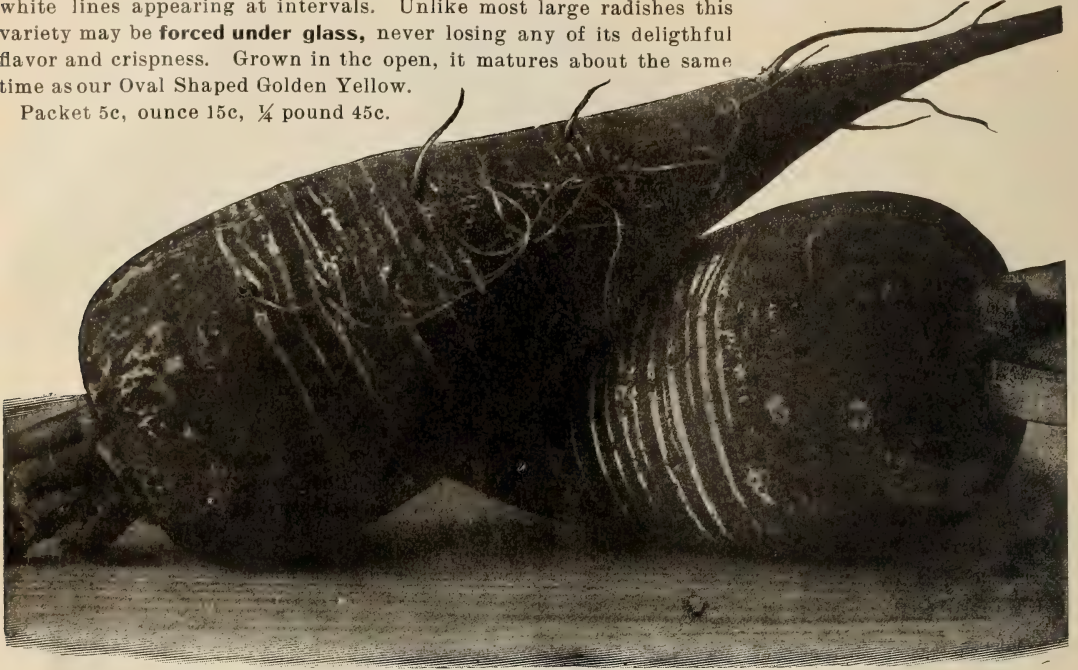


EARLY SCARLET GLOBE



Oval Shaped Gray-Black Summer No. 1. Smooth, solid, crisp and tender, never grows pithy. Equally fine for forcing or open air culture. A handsome radish of oval shape, and grayish-black color; on some soils the color is black, which is lightened, however, by the irregular white lines appearing at intervals. Unlike most large radishes this variety may be **forced under glass**, never losing any of its delightful flavor and crispness. Grown in the open, it matures about the same time as our Oval Shaped Golden Yellow.

Packet 5c, ounce 15c, $\frac{1}{4}$ pound 45c.



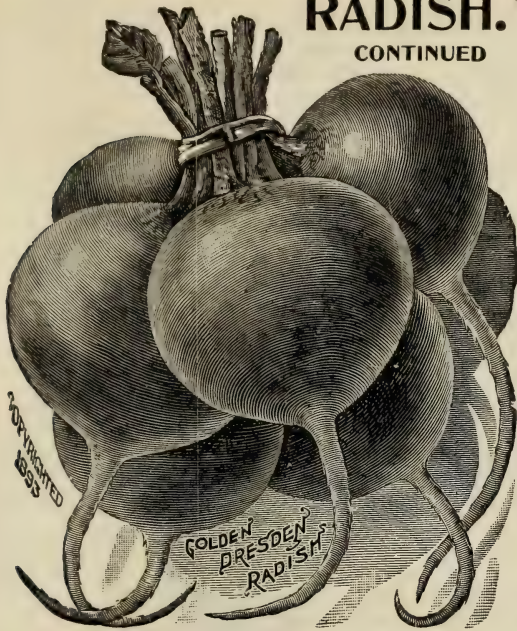
RADISH, OVAL SHAPED GRAY-BLACK SUMMER NO. 1



RADISH, WHITE DELICACY

RADISH.

CONTINUED

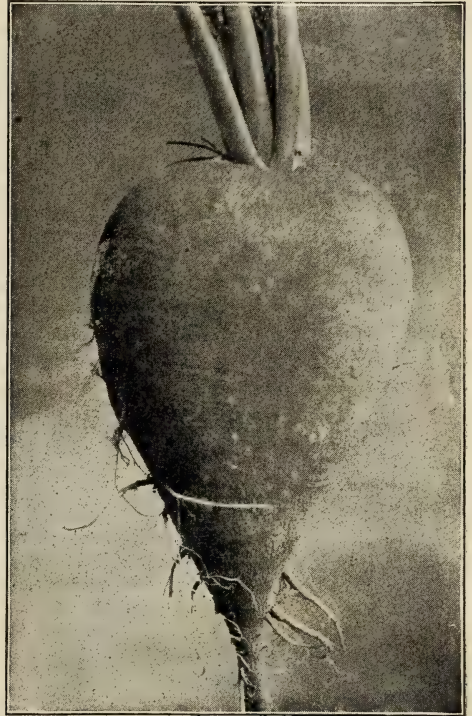


Golden Dresden. A valuable sort both for market and family use. It is of quick growth making radishes in twenty-eight days from germination. The roots are of medium size, round, smooth and have a clear golden skin. The flesh is white and of fine flavor.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c, pound 60c

Early Oval Shaped White Forcing.—A white radish very similar to our Oval Shaped Golden Yellow; equally valuable for forcing or open-air culture; crisp and tender flesh, and handsome shape.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c, pound 75c



OVAL SHAPED GRAY SUMMER NO. 2

White Strassburg. The roots are of handsome oblong, tapering shape; both skin and flesh are pure white. The flesh is firm, brittle and tender, and possesses the most desirable characteristic of retaining its crispness for a long time. It is excellent for summer use, as it withstands severe heat and grows very quickly. The seed can be planted throughout the summer, and fine large roots will be rapidly formed. Valuable for home use and for the market gardener.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c, pound 50c

White Munich. The excellence of this radish is found in the quite pronounced but nevertheless agreeable pungency of its flavor. It is very crisp and tender, and has an extremely smooth and fine grained skin with no tendency to throw out side roots. Its form is a tapering oval, and it grows to a very large size. It is suitable for forcing and outdoor cultivation. Packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c, pound 75c.



RADISH. WHITE MUNICH

Oval Shaped Gray Summer No. 2

No. 2.—This variety is in every respect equal to our No. 1.

It is somewhat later, lighter in color, and grows to a larger size. Like No. 1, it may be grown under glass as readily as outdoors, and is a valuable succession to the former. The skin is smooth, the flesh crisp, tender and of the finest flavor.

Packet 5c, ounce 15c, $\frac{1}{4}$ lb. 45c



HALF-LONG BLACK WINTER.

RADISH.

(Continued.)

WINTER RADISH.

Long Black Spanish.—Root oblong, black, of very large size and firm texture. Per packet 5c, ounce 10c, ¼ lb. 20c

Long White Spanish.—Valuable for winter use, of remarkably fine keeping quality. Per packet 5c, ounce 10c, ¼ lb. 20c

Round Black Spanish.—A turnip-shaped, black-skinned winter-keeping Radish. Per packet 5c, ounce 10c, ¼ lb. 20c

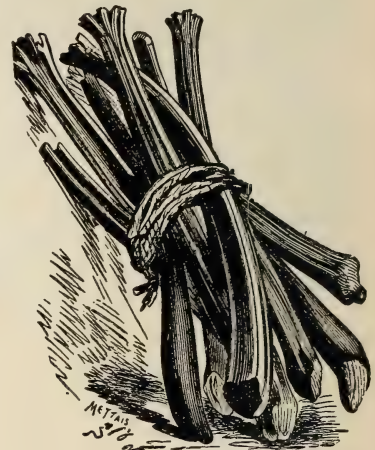
Half-long Black Winter.—Intermediate in shape between the Round and Long Black Spanish. Per packet 5c, ounce 10c, ¼ lb. 20c

Scarlet China Winter.—Scarlet and pink in color, tipped white. Per packet 5c, ounce 10c, ¼ lb. 20c

RHUBARB OR PIE PLANT.

Culture. A deep, rich soil is best for Rhubarb. Sow early in drills, eighteen inches apart and one inch deep; the spring following transplant, allowing each plant at least two feet square; each fall mulch with manure. Never allow to run to seed. One ounce makes about 600 plants.

Victoria.—Leaf stalks very tall and large. Skin thick and red-stained. Pulp quite acid. Very productive and profitable for market gardeners. Per packet 5c, ounce 15c, ¼ lb. 40c



VICTORIA RHUBARB.

RUTABAGA.

Culture. Sow the seed about a month earlier than turnips. They should be sown on ground enriched with well rotted manure, in drills two and one-half feet apart, and thinned to six to eight inches apart in the row. Keep the weeds thoroughly in check with the hoe or cultivator, and when the roots have grown full size,

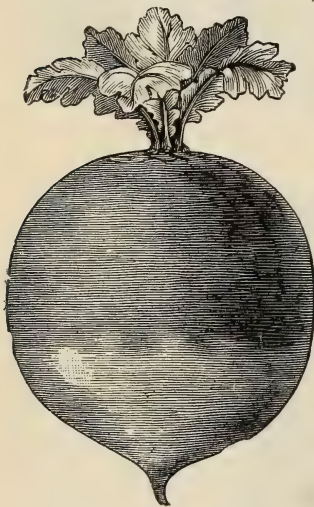
and before hard freezing weather, pull, cut off the tops and store in a root cellar or pit. Ruta Bagas are sometimes sown broadcast and let take their chances with the weeds and bugs, but this method is only successful on new clearing in which there is no weed seed.

The Bloomsdale Swede.—In foliage it is not superabundant (as is European Swede); the shape is nearly globular and without neck, the crown deep purple, the flesh is very rich yellow.

Per packet 5c, ounce 10c, ¼ lb. 20c

SORREL.—Sorrel is cultivated for its leaves, which possess a very fine flavor; boiled and served like spinach. It also makes a delicious soup.

Packet 5c, ounce 15c, ¼ pound 35c



RUTABAGA.

SALSIFI OR OYSTER PLANT.

Culture. Sow when the cherry is in bloom, in drills, in deeply dug and well manured ground. The drills should be eighteen inches apart. When the plants are up a few inches, weed and thin them so as to stand four or five inches from each other. Preserve in pits, the same as Carrots or Beets.

Sandwich Island.—A variety superior to the French sort producing smoother, larger, and more vigorous roots. Per packet 5c, ounce 15c, ¼ lb. 30c

Imported Scorzonera or Black Salsifi.—With the same culture three times the quantity can be grown on same area as Salsifi. It should be better known. The skin only is black. Per packet 5c, ounce 30c



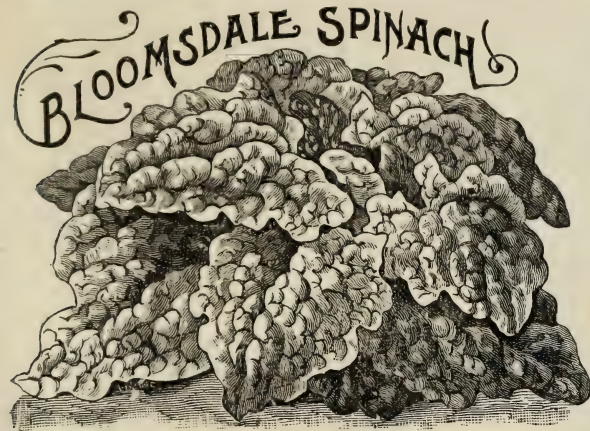
SALSIFI.

SUNFLOWER

Mammoth Russian.—Grows to double the size of the common Sunflower. Highly recommended for poultry; the best egg-producing food known. Per pound 8c

SPINACH.

BLOOMSDALE.—Curled, twisted and bloated to an unusual degree, giving the leaves an elasticity especially fitting them for distant shipments, while at the same time giving the crop large measuring qualities. Especially recommended for autumn sowing. Packet 5c, ¼ pound 10c, pound 25c



SWISS CHARD.

ROUND THICK-LEAVED.—The popular market variety; good for either fall or spring sowing; large thick, round leaves; an immense yielder. Packet 5c, ¼ pound 10c, pound 25c

TRIUMPH.—A large growing variety of the best quality that withstands hot weather longer than any other sort. By its use the spinach season may be lengthened a whole month. Is not only long standing, but is also superior in quality and size. Packet 5c, ¼ pound 10c, pound 25c

VICTORIA.—Heavy, broad, dark green leaves. A fine variety for spring sowing, being slow to run to seed. Packet 5c, ¼ pound 10c, pound 25c

Swiss Chard or Summer Spinach. "Cut and Come Again" Spinach. No vegetable requires less care than this, and it is safe to say that none yields as constantly as this spinach, producing uninterruptedly from July until winter. If your garden space is limited, Swiss Chard must have a place, for in ground occupied, Swiss Chard produces more food for the table than almost any other vegetable. The leaves are used for greens the same as spinach or beet tops, and are equal in quality to the former and far superior to the latter. Can be used all summer when spinach is not available. Later the leaves grow very large, with broad, flat, pure white stems and mid-ribs, which may be cooked like Asparagus or made into very good pickles. Pkt. 5c, oz. 10c, ¼ lb 20c, lb 50c



CHICAGO WARTED HUBBARD SQUASH

SQUASH. Few farmers appreciate the value of winter squash as food for stock, and we strongly urge trying a patch for this purpose. Plant when danger of frost is past in hills; put 6 or 8 seeds in a hill, thinning to 3 or 4 plants in a hill.

Giant Summer Crookneck.—Golden color, skin profusely warted, flavor superior.

Hubbard.—Flesh bright orange yellow, fine grained, very dry, sweet and richly flavored. Desirable for use throughout winter and spring.

Chicago Warted Hubbard.—Combines all the good points of the original Hubbard, with a rougher, harder, warted shell, making it especially valuable for shipping great distances.

PRICES

Packet 5c, ounce 10c, ¼ pound 25c

Tobacco.

When the plants are about 6 inches high transplant into rows, 4 or 5 feet apart each way, and cultivate thoroughly with plow and hoe.

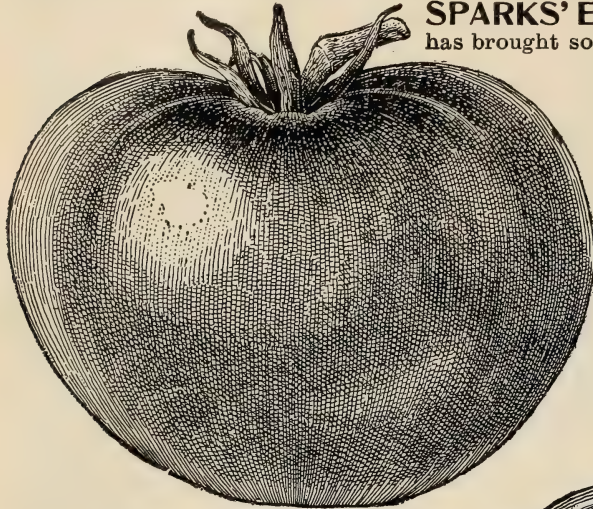
Connecticut Seed Leaf.—Perhaps the variety best adapted to the climate of the Middle and North-western States, being comparatively hardy. Packet 5c, ounce 20c, ¼ pound 60c

Havana.—Grown in this country commands a high price for cigar stock. Packet 5c, ounce 35c



TOMATO.

Sow in hotbed in early spring, or the seed may be sown in shallow boxes and placed in a window if one does not wish to have the trouble of a hotbed. Transplant to the open ground when all danger of frost is past, setting the plants three feet apart each way. Tomatoes do best on light, warm, not over-rich soil.



SPARKS' EARLIANA

CREAM CITY.—One of the first large tomatoes to ripen, coming about a week ahead of Acme. Smooth, round, purplish-crimson; flesh thick, firm and solid; good shipper. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb 60c

DWARF CHAMPION.—Stem short, thick, stiff, almost self-supporting. The dwarf, upright habit makes it very desirable, as it can be planted more closely. Fruit quite large, solid and of good color.

Packet 5c, ounce 25c, $\frac{1}{4}$ pound 75c

Ponderosa.—This is the largest fruited tomato and is of fine quality; deep purple.

Packet 5c, ounce 30c, $\frac{1}{4}$ pound \$1.00

Stone.—Perfectly smooth, bright scarlet, very solid, good shipper. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb 60c

MATCHLESS.—The best large-fruited, bright red, main crop tomato.

Better than Stone,—firmer fleshed, of finer quality and a longer keeper. Packet 5c, ounce 25c, $\frac{1}{4}$ pound 75c

Golden Queen.—Large bright yellow. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb 60c

Red Plum.

Yellow Plum. } Packet 5c, ounce 25c

Husk Tomato or Ground Cherry.—For preserving or eating raw. We offer the true yellow variety. Packet 5c, ounce 25c

TURNIP. A new, light, rich loam, entirely free from manure, is best. For summer use, sow early in spring, for main crop from middle of July to middle August. For feeding stock in fall and winter, there is nothing superior to Turnips and Rutabagas.

PURPLE TOP WHITE GLOBE.—Early globe shaped variety of large size and very rapid growth; fine quality. The most popular of all.

Purple Top, Strap Leaved.—Medium sized, popular early, flat variety.

WHITE EGG.—Quick-growing, pure white, perfectly smooth, egg shaped variety. The flesh is very sweet, firm and mild.

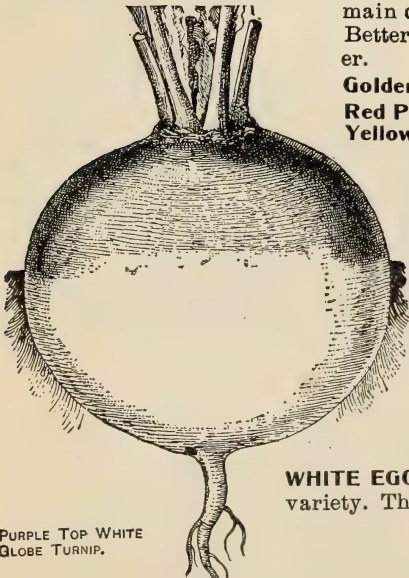
PRICES OF TURNIPS

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 15c, pound 40c



MATCHLESS

BEAUTY.—Large uniform, smooth; flesh pink, skin purplish pink.



PURPLE TOP WHITE GLOBE TURNIP.



P PEPPERMINT



LAVENDER



FENNEL



SAGE



SUMMER SAVORY

Seeds of Aromatic, Medicinal and Pot Herbs

Most of the varieties thrive best on sandy soil. The soil should be carefully prepared and well cultivated, as the young plants are for the most part delicate and easily choked out by weeds. The stalks should be cut when in bloom, wilted in the sun, and thoroughly dried in the shade.

	Pkt.	Oz.	4 Oz.
Anise. For garnishing, seasoning and for cordials; aromatic odor and taste.....	05	10	25
Asperula Odorata. (Waldmeister.) For flavoring May wine; keep moist and shaded	10		
Basil, Sweet. For flavoring soups and sauces; fine and broad leaved.....	05	20	40
Borage. Used as a salad; the flowers are excellent for bees.....	05	10	30
Caraway. Cultivated for its seeds, which are used for flavoring liquors, bread, etc..	05	15	
Catnip. Has medicinal qualities; also grown for bee pasture.....	05	30	
Chamomile. Used for tea.....	05		
Chervil. More beautiful than parsley, and used for garnishing and flavoring dishes	05	15	30
Coriander. Seeds have an agreeably aromatic taste, and are used in confectionery..	05	10	25
Dandelion. Thick Leaved. Is fast becoming a favorite spring green; very profitable	10	50	
Dill. Aromatic odor and warm, pungent taste; added to pickled cucumbers to flavor	05	08	15
Fennel. Sweet. Seeds are used for flavoring, the leaves for garnishing.....	05	10	25
Lavender. Grown for its flowers which are used in the manufacture of perfumes.....	05	20	50
Marjoram, Sweet. The tops are used green for flavoring, or dried for winter use....	05	15	45
Peppermint. For flavoring and for the distillation of the essence of peppermint.....	10		
Pimpinella. The young tender leaves are used as salad; flavor like cucumbers.....	05	20	
Poppy. White or blue seeded; used for baking, fresh seed.....		05	15
Rosemary. Fragrant; yields an aromatic oil and water; leaves used for seasoning..	05	30	
Saffron. For medicine and for coloring; also to make cosmetic powder called rouge	05	10	30
Sage. Used very extensively for flavoring and dressing; also in medicine.....	05	15	40
Savory, Summer. (Bohnenkraut.) Extensively used for flavoring, especially beans.	05	10	25
Sorrel. Esteemed as salad, cooked as greens, etc. Leaves of mild, acid flavor.....	05	15	40
Tarragon. The leaves, either dried or fresh, are highly esteemed for seasoning.....	10		
Thyme. A medicinal and culinary herb; used for seasoning and dressing.....	05	25	
Wormwood. Used as a tonic and dressing for bruises; beneficial for poultry; bitter.	05	20	



Mushroom Spawn

With each order we furnish free our leaflet, "How to Grow Mushrooms", giving plain, concise directions. By following these, anybody can grow this most luxurious and most highly prized of all vegetables. A more complete treatise, illustrated, will be mailed for the sum of 15 cents.

Pure Culture Spawn.—This is the result of careful and scientific experimenting and represents the highest development in spawn making. The process of production insures freedom from inferior types, increasing the yield, size and quality. We offer the cream white variety, which is hardy and very productive.

Per brick 20c, 10 bricks \$1.75, 25 bricks \$3.75
100 bricks \$12.00

If to go by mail, add 10 cents per brick for postage.



Selected Farm Seeds.

We give special attention to the quality of our Farm Seeds, and send out nothing but most carefully selected and re-cleaned stock. It is our purpose to supply the **very best only**. Prices on Farm Seeds subject to market changes. Purchaser pays freight in all cases.

CHOICE SEED FIELD CORN.

THE SEED CORN we offer is grown specially for that purpose, carefully selected, cured and shelled. It will pay any enterprising farmer to secure seed of the promising new varieties. Such men invariably obtain highest market prices for all they can produce.

Silver King—Wisconsin No. 7. The best white corn for Wisconsin and the Northwest.

Can be planted with safety anywhere in the Northwest with certainty of its ripening. It is a pure white dent corn with a white cob. The kernel is broad and deep: forms a perfectly cylindrical ear, about 8 or 9 inches long, well filled to the tips and butts. The stalks are rather short and heavy averaging 8 to 11 feet in height, and are very leafy. Quart 15c, peck 75c, bushel \$2.50

Wisconsin No. 8. The earliest Yellow Dent Corn grown. This corn was secured by the Wisconsin Experiment Station from Prof. Hays of the Minnesota Experiment Station as Minnesota No. 13. It is noted for its early maturity, and can be depended upon to ripen anywhere in Wisconsin, and is especially adapted for the lake shore counties and northern Wisconsin. It makes a fairly large stalk growth, well clothed with leaves. The ears average 7 to 8 inches long. Quart 15c, peck 75c, bushel \$2.50

Sanford's Early White Flint.—The ears are of unusual length and of handsome shape, flinty white color. Plant is of sturdy, vigorous growth. The stalks usually bear 2 or 3 long ears. Per quart 10c, peck 50c, bushel \$1.50

Longfellow Yellow Summer Flint.—Farmers' Favorite; a very early, productive and desirable variety. Per quart 10c, peck 50c, bushel 1.50



DWARF ESSEX RAPE.

Red Cob Silage.—A most desirable variety, adapted to all sections of the country. It is sweet, tender and juicy; has short joints, abundance of leaves and grows to a good height. Per quart 10c, peck 35c, bushel 1.00

Dwarf Essex Rape

The main secret in the successful raising of sheep for mutton, for which the English are so famous, lies undoubtedly in the very general use of Fodder Rape for feeding them. Dwarf Essex is easily grown and perfectly hardy, and possesses remarkable fattening properties. Pigs and cattle are also very fond of it. The plant is a rank grower and should have heavy manuring, as well as high cultivation. Any corn soil will grow Rape. Sow the seed during the third or fourth week in June; it can then resist drouth, and the crop can be ready to feed at a season when it is most needed. By sowing different pieces several weeks apart a continuous supply of good feed can be had. Per pound 15c, 10 pounds \$1.00

MAMMOTH RUSSIAN SUNFLOWER.—The best variety for the farmer, growing to double the size of the common and the yield is twice as great. It is highly recommended for poultry. 1 pound 8c, 5 pounds 35c, 25 pounds \$1.50, 100 pounds \$5.00

ROOT CROPS FOR FARM STOCK

It is not what an animal eats but what it digests and assimilates, that is of benefit to the owner. When fed on a ration containing something green or fresh appetite is stimulated; the digestion is more perfect, and the general health and restful content greater. In addition, roots contain high quantities of nutritious sugar, and are a necessity in the rations of growing and fattening animals.

MANGELS, SUGAR BEETS, CARROTS, RUTABAGAS, TURNIPS.

SEED GRAIN.

Prices on Seed Grain subject to market changes.
Grown expressly for Seed.
Carefully re-cleaned and selected.

BARLEY, Mandsheuri.—The very best six-rowed barley grown. Heads long, heavy, drooping and well filled, containing 75 to 90 grains each. Straw bright, very strong; does not lodge on the richest land. It is early in ripening and always plump; yields from 50 to 60 bushels per acre. Considered superior for malting. Long heads; distinguished from common sorts by a slightly reddish tint to the beard. Peck 40c, bushel \$1.25

BUCKWHEAT, Japanese.—This variety is rapidly displacing all other sorts of Buckwheat. It ripens early and has much larger grains than all others. In shape the kernels are peculiar and distinct. Color a dark brown. It manufactures a superior flour. Peck 45c, bushel \$1.40

OATS, SWEDISH SELECT.—Greatest of all Oats. They outyield all others. They are the heaviest, weighing from 36 to 40 pounds per bushel. The straw is very stiff and will not lodge. Fine appearance; large, thick and plump; color pure white; heads upright and bushy. Hull very thin, almost all meat; this makes them valuable as feeding oats. Great root development, making it drought proof. It adapts itself to all soils and climates. It is the earliest of all heavy yielding sorts. It is free from rust and smut. Bushel \$1.10, 10 bushels \$10.00

MACARONI WHEAT. This wheat is fast taking the place of the old standard varieties of bread wheat all over the Northwest. It yields more, grades higher, and is especially adapted to resist dry weather. Peck 45c, bushel \$1.60

SPRING RYE. Peck 40c, bushel \$1.40

MILLET. Height 2 to three feet; succulent stem; leaves broad and numerous, grows rapidly, and matures early. Can be planted as late as August and mature a crop of hay the same season. Sow $\frac{1}{2}$ bushel per acre. 50 pounds to the bushel. Market Price

HUNGARIAN GRASS. (*Panicum Germanicum*).—One of the most valuable annual soiling plants. It grows on ordinary soil; withstands drought well. As it is of very rapid growth, being ready for cutting within sixty days, it may be sown in this latitude as late as middle of July for hay or middle of August for green fodder. It should be cut just before blooming. Sow one bushel to the acre. 48 pounds to the bushel. Market Price

FIELD PEAS. Valuable in northern climates for cattle feeding, being especially valuable for milch cows. Excellent for horses and pigs when sown with oats. Sow broadcast and harrow in at the rate of two bushels per acre; with oats use one bushel. Market Price

GRASS AND CLOVER SEEDS

Prices on Application. They are Subject to Market Changes.

TIMOTHY.—It makes the best hay for horses and market of the entire list. We handle strictly pure stock for those who want the best only. Sow 15 to 25 pounds to the acre. Bushel weighs 45 pounds.

KENTUCKY BLUE GRASS.—Valuable pasture grass and for lawns when mixed with other grasses. Sow about 30 pounds to the acre. Our seed is almost free from foreign and chaffy matter, contains none of the cheaper Canadian Blue Grass, and shows a very high percentage of germination.

RED TOP.—This is one of the most generally useful agricultural grasses we have and is particularly valuable on low, moist lands. We offer carefully re-cleaned solid seed, weighing about 32 pounds to the measured bushel. Sow 16 pounds of this to the acre.

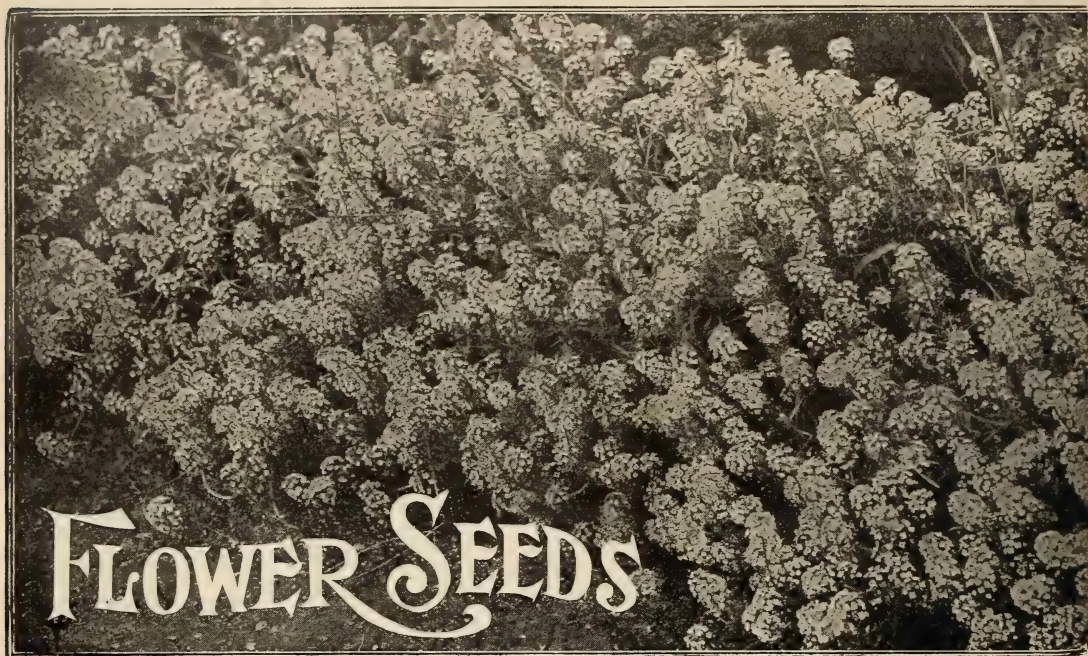
PERENNIAL RYE GRASS.—Nutritious, and valuable both for pastures and meadows; starts early.

MEDIUM RED CLOVER.—The common clover in general cultivation. It is the best for hay. When used alone, sow about 8 pounds of seed per acre; 60 pounds to the bushel.

WHITE CLOVER.—Low; one of the best of the Clovers for permanent pasturage, but prefers moist land. Sow 6 pounds per acre when used alone, or 3 pounds with grass seeds. 60 pounds to bushel.

ALSIKE OR SWEDISH CLOVER.—Hardy, resists extremes of drought and wet, yields large crops of superior pasturage, and much liked by cattle. Blossom heads round, resembling White Clover in shape, flesh colored, sweet and fragrant; much liked by bees. Sow 6 pounds per acre in spring or fall; 60 pounds to the bushel.

ALFALFA OR LUCERNE.—Alfalfa under ordinary conditions yields three to four cuttings per year, yielding a good four to five tons per acre. The hay has a feeding value almost equal to grain, and while producing is an actual benefit to the soil on account of its nitrogen gathering bacteria on the roots. Sow 20 pounds to the acre; 60 pounds to the bushel. Our seed is American grown and of the best quality.



FLOWER SEEDS

LARGE-SIZED PACKETS Our packets are very large, and contain in most cases more seed than is needed in a home garden and about four times the quantity usually contained in the papers offered by department and some other stores. We have always found the liberal treatment of our customers to be the best paying feature of our business.

— ALL FLOWER SEEDS SENT POSTPAID ON RECEIPT OF PRICE —

GENERAL DIRECTIONS FOR CULTURE

For all flower seeds which should be started indoors, and this includes many of our best and brightest summer flowers, such as Heliotrope, Celosia, Lobelia, Salvia, Vinca, Verbena, etc., the best plan is to sow in earthenware seed pans or boxes (about 2 inches deep), which should be filled to the depth of an inch with broken pots, coal ashes, or any rough material that will furnish perfect drainage. The upper inch should be nicely sifted soil, composed, if possible, of about one-third each of sand, leaf mould and light garden loam. Press firmly and evenly, and water thoroughly the day before sowing.

A common mistake in sowing flower, as well as other seeds, is covering too deep. As a general rule, cover only to the depth of the thickness of the seeds; or with medium-sized seeds, like Balsams, Zinnisa, etc., half an inch or so is none too much. Such fine seed as Portulaca needs only to be pressed into the soil with a piece of board or the palm of the hand. Always press the earth down firmly after sowing all flower seeds, else there is danger of their drying up before the roots can get firm hold of the soil.

Cover with a pane of glass or one or two thicknesses of newspaper, to prevent the too rapid evaporation of the moisture, and keep in a temperature of between 60 and 70 degrees. Water carefully as needed. Remove the glass or covering after the seeds have germinated, and when the seedlings are large enough to handle they should be transplanted into similarly prepared boxes an inch apart each way, or put into small pots and kept in same until time to plant out in the open ground. At all times they should have an abundance of air, otherwise the young seedlings are liable to damp off.

Seeds of the hardier Annuals may be sown where they are to grow; but as a rule it is preferable to transplant, as the plants are generally stronger and stand drought better. During very dry weather, and when the seedlings are first set out, they should be watered frequently. Provide some support for all such Annuals as require it.

Seeds of Biennials and some Hardy Annuals may be sown in July and August in the open, and in September in boxes, and placed in coldframes. They will make strong plants by spring, and flower early.

Useful Lists of Annual Flowers for a Variety of Purposes

TWENTY OF THE MOST POPULAR ANNUALS

Alyssum, Sweet
Aster
Balsam
Candytuft
China Pinks
Coreopsis
Mignonette
Marigold
Nasturtium
Pansy
Petunia
Phlox
Poppy
Portulaca
Salvia
Scabiosa
Stocks
Sweet Peas
Verbena
Zinnia

TEN BEST ANNUALS FOR CUTTING

Alyssum, Sweet
Aster
Candytuft
Coreopsis
Cosmos
Gaillardia
Nasturtium
Phlox
Sweet Peas
Stocks

EIGHT ANNUALS DELIGHTING IN SUNNY LOCATION

Balsam
Escholtzia
Gaillardia
Hyacinth Bean
Nasturtium
Portulaca
Salvia
Verbena

SIX ANNUALS THAT DO WELL IN THE SHADE

Adonis
Begonia
Godetia
Musk
Pansy
Violet

TEN MOST POPULAR CLIMBING ANNUALS

Canary Bird
Cobaea
Cypress Vine
Hyacinth Bean
Japanese Hop
Moonflower
Morning Glory
Nasturtium
Ornamental Gourds
Wild Cucumber

Blooming Periods of Annuals Arranged by Months

SIX ANNUALS THAT BLOOM IN MAY

Alyssum, Sweet
Godetia
Marigold
Phlox
Stocks
Violet

SIX ANNUALS THAT BLOOM IN JUNE

Candytuft
Forget-me-not
Mignonette
Nasturtium
Pansy
Stocks

SIX ANNUALS THAT BLOOM IN JULY

China Pinks
Coreopsis
Larkspur
Nasturtium
Phlox
Sweet Peas

SIX ANNUALS THAT BLOOM IN AUGUST

Aster
Coreopsis
Gaillardia
Nasturtium
Phlox
Verbena

SIX ANNUALS THAT BLOOM IN SEPTEMBER

Ageratum
Aster
Cosmos
Salvia
Scabiosa
Zinnia

SIX ANNUALS THAT BLOOM IN OCTOBER

Alyssum, Sweet
Candytuft
Cosmos
Marigold
Salvia
Zinnia

GARDENING BY CHILDREN

No occupation is as healthy, innocent or instructive to a child as a practical study of nature. No matter how small the space of ground the pleasure to a child of cultivating a little garden will always develop ambition, and the pleasure of observing the growth from the day the seed sprouts until the plants attain perfection is in itself a lesson which both young and old can appreciate. The good, wholesome benefit derived by the children must necessarily cultivate the mind, while at the same time amuse.

Heads of Institutions and School Managers would do well to cultivate in the minds of the children under their charge a love of nature and the beautiful.

Annual flowers such as Balsam, Mignonette, Four O'Clocks, China Pinks and Phlox are all easily raised and afford a showy display at small cost and little labor. In Vegetable Seeds our selection is unexcelled.



Descriptive List of Flower Seeds.

The pleasure resulting from a large and varied collection of flowers will amply repay for time and labor spent.

In the following pages we describe the leading flowers grown from seed, including many **New and Special Flowers** of unusual beauty. These seeds are all of the finest strains of the best varieties and are sure to give entire satisfaction. They are procured without respect as to cost, from the best growers of the particular kinds in America and Europe, and the whole makes a collection unexcelled in quality, and vastly superior to the stock usually sold.



ABUTILONS

inches in height, with clusters of flowers of light blue with dark red center, changing to pure light blue. Packet 10c

SWEET ALYSSUM. A general favorite, with delicate white flowers of exquisite fragrance, very free blooming, suitable for beds, borders and rock-work; fine for cut. **Benthami.**—Best for cutting. Packet 5c, 1/4 oz. 15c, oz. 25c **Little Gem.**—This should really be called the "Snow White Carpet Plant," for the plants, which are only a few inches high, grow so dense, and are so completely covered with snow white blossoms as to create the impression of a beautiful carpet spread over the ground. We know of no other white flower which is so particularly well adapted to borders, ribbon bedding, etc.

Packet 5c, 1/4 ounce 15c, 1/2 ounce 25c, ounce 40c

Hardy Alyssum, Saxatile Compactum.—Brilliant golden yellow spring bloomer; desirable for rock work. Pkt. 5c

ANTIRRHINUM. See Snapdragon.

AQUILEGIA--COLUMBINE

Very handsome hardy plants, two to three feet high; easy to grow, and bear a profusion of large flowers of novel form and in a great variety of colors. For planting in permanent borders or at the edges of shrubbery this old-fashioned favorite is one of the best of all.

Coerulea.—(Rocky Mountain Columbine). One of the most beautiful of our native American flowers. Sepals deep blue, petals white. Pkt. 10c

Vulgaris, Single and Double Mixed.—

Packet 5c

Vulgaris, Double Mixed.—

Packet 5c

Asparagus Plumosus Nanus. (Asparagus Fern.) One of the prettiest house plants. The leaves are bright green, gracefully arched, surpassing Maidenhair Ferns in grace, delicacy of texture and richness of color. Packet 10c

Asparagus Sprengeri. Most handsome seen drooping gracefully from pot or hanging basket; of fresh, light or apple green hue.

ABUTILON. Flowering Maple Handsome bushes covered with bell-shaped flowers in the daintiest and also strongest colors, dotted and veined. Blooms readily from seed. Fine hybrids mixed. Pkt. 15c

ADONIS

Bright crimson flowers, peering from finely cut dark foliage. Packet 5c

Ageratum

Very effective plants for bedding; they remain in bloom throughout the summer.

Blue Perfection.—Dwarf compact growth; its color is deep amethyst blue, and has nothing of the faded-out appearance of the old style Ageratum. Packet 5c

Imperial Dwarf Blue.—Good for ribbon borders. Pkt. 5c

Little Blue Star.—The tiny bushy plants do not exceed 4 or 5



ADONIS



AQUILEGIA

Packet 10c

DALLWIG'S ASTERS

It is an undeniable fact that for purity, Aster grown in Germany is far superior to any grown elsewhere. The climate is better suited to the full development of the flowers, and the German growers have the experience of a century behind them. Ours is procured from careful and experienced growers, and is all German grown except the Branching, which is a superb variety of American origin.

Queen of the Market.—Very early extremely floriferous, medium sized variety, with long stems. Excellent for cutting. White Pink Deep Scarlet Dark Blue Light Blue Mixed.

Any color or mixed. Pkt. 5c, $\frac{1}{2}$ oz. 25c

Victoria.—One of the most handsome; large, perfectly double, globular and imbricated; fine pyramidal form. White Crimson Pink Light Blue Dark Blue Mixed.

Any color or mixed. Packet 5c, $\frac{1}{2}$ ounce 50c

Peony Perfection.—Flowers are borne on long, wiry stems, are very large, very double, and shaped like a peony. White Pink Dark Bloodred Light Blue Dark Blue Amethyst Mixed. Any color or mixed. Packet 5c, $\frac{1}{2}$ oz. 35c

Giant Comet.—This distinct class of Asters resembles very much

QUEEN OF THE MARKET

the Japan Chrysanthemum in size and shape. The petals are long and beautifully curled. White Pink The Bride, white changing to pink, fine for cut Light Blue Dark Blue Mixed.

Hohenzollern.—The Hohenzollern is the finest of the Comet or Ostrich Feather type of Aster. It has long, wavy, twisted, feathery petals, like the wavy, beautiful feathers of the ostrich. They are a valuable addition to the decorative class of Asters.

Flowers measure four inches across borne on stems twenty inches long. Pure White Pink Silvery Lilac Crimson Light Blue Dark Blue Mixed. Any color or mixed.

Packet 5c, $\frac{1}{2}$ ounce 35c

Branching.—A strong growing Aster whose tendency to form numerous branches is very marked. Therefore it should have more room than other asters. A rather late bloomer, thus giving its crop of flowers at a season when there is always a scarcity of bloom. The flowers are borne on very long stems, and are four inches and more in diameter. The petals are broad, long, and many of them more or less twisted or curled. White Lavender Purple Deep Pink Daybreak Pink Crimson Mixed. Any color or mixed. Pkt. 5c, $\frac{1}{2}$ oz. 20c, $\frac{1}{2}$ oz. 35c

ASPERULA ODORATA.—(Waldmeister.) Grown for its fragrant leaves and stems; used to flavor May Wine. It grows best among shrubbery in semi-shaded position where it can remain undisturbed. Flowers white.

Packet 10c

AURICULA.—(Primula.) A dwarf growing hardy plant, bearing umbels of fragrant flowers of many rich and beautiful colors.

Packet 10c

BEGONIA REX.—Grown for their large, beautiful, ornamental leaves. Unexcelled as a window plant.

Packet 25c



HOENZOLLERN



BALSAMS

BALSAMS. Balsams or Ladies' Slippers are old favorites with everyone owing to their handsome double flowers, brilliant colors and stately growth. Mixed colors. Packet 5c

Giant-Flowered Browallia.—This large flowered Browallia is one of the best plants for bedding in the summer, and equally valuable for house culture in pots in winter. Grows about a foot high, forming dense little bushes, which are covered with an abundance of the most delightful sky-blue flowers. Packet 15c

Calceolaria.—Very handsome and showy plants for the greenhouse or house culture. The plants grow about 18 inches high and are covered with a great many curious

pocket-like flowers. Packet 25c



COREOPSIS

CALLIOPSIS or COREOPSIS.—Very showy annual producing flowers in every shade of yellow, orange, crimson and brown; will bloom until frost. Splendid for cutting. Packet 5c, 1/2 ounce 20c

CAMPANULA.—(Canterbury Bell). A highly attractive class of plants, combining richness of color with stately growth; valuable for beds and borders.

Campanula Medium.—Blue, very pretty. Per packet 5c

Campanula Medium.—Mixed. Per packet 5c

Campanula. Cup and Saucer.—A beautiful variety; a most desirable and attractive addition to this class of old garden favorites. The bell or trumpet is nearly four inches in diameter, presenting the form of a cup, hence its name. Per packet 5c

CANDYTUFT. (Iberis.)—Very useful for beds, ribbons, etc., also for pots and for cut flowers for bouquets. A bed of Candytuft in colors makes a splendid display.

Queen of Italy.—An exceedingly free flowering dwarf, compact variety with almost ever-

green foliage and delicate pink flowers; may be grown as annual or biennial; highly valuable for cutting purposes. Pkt. 5c

Empress.—A beautiful variety bearing candelabra-shaped branches, each producing a large truss of pure white flowers, presenting a perfect pyramid of bloom throughout the summer. See illustration



CANTERBURY BELL.

Per packet 5c

Carmine.— **Purple.**— **Dark Red.**— **White Rocket.**— **Mixed Colors.**— Per packet 5c

CELOSIA. Cockscomb.—A highly ornamental annual, valuable for bedding and house culture.



CELOSIA.

Empress.—Crimson

Queen of Dwarfs.—Carmine.

Fireking.—Bright red.

Pres. Thiers.— Much used in public parks for bedding. **Dwarf,** with dark leaves and broad, stiff combs.

Aurea.—Yellow.

Above dwarf varieties mixed.

Per packet 5c



EMPRESS CANDYTUFT



CENTAUREA IMPERIALIS



SHASTA DAISY



GIANT CALIFORNIA COSMOS

Celosia Thompsoni Magnifica.—This represents the most perfect strain of the feathered or ostrich plumed Cockscombs. The plants have a true pyramidal branching growth, and the flower spikes vary in the most magnificent shades of colors, ranging from the clearest yellow to the darkest blood-red. Of great value for all decorative purposes in and out of doors. Packet 10c



CELOSIA THOMPSONI MAGNIFICA.

Packet 10c

A LAWN
 may be established either by "sodding" or "seeding." The latter is not only much less expensive, but much more satisfactory, as better grasses can be thus obtained, and the quality and variety of the grasses have a great deal to do with the appearance and permanency of the lawn.



CALLA DEVONIENSIS.

Calla Devoniensis. Blooms the first year from seed

The seedlings come true and will bloom profusely the first year. Its willingness to bloom is phenomenal, while its culture is of the simplest. Pure white, large blooms. borne on stout stalks.

CARNATIONS. The seed we offer is saved from one of the finest collections in Europe.

Best Double Mixed.—Blooms the second summer from seed. Packet 5c

Double Red Grenadin.—Dwarf, compact growth; blooms early the second season. Packet 5c

Early Double Dwarf Vienna.—Produces double, sweet-scented flowers in large variety of colors and in great profusion. Blooms the second summer from seed. Packet 5c

MARGARET.—These superb carnations are very popular, not only by reason of their fine double fragrant flowers, but also because they can be treated as annuals. Like the China Pinks they flower freely the first season from seed. They yield a profusion of fragrant flowers in great variety of colors. Extra fine mixture. Packet 5c

DWARF MARGARET.—Like its parent, the Margaret, this carnation blooms in four months from sowing. Dwarf and erect growth. Extra fine mixture. Packet 5c

Centaurea Cyanus. Known as Bachelor's Button, Corn Flower, Blue Bottle, Bluet, Ragged Sailor, etc. Fine for cut flowers.

Emperor William, single blue. Single Mixed. Double Mixed. Packet 5c

Centaurea Imperialis or Royal Sweet Sultan

Beautiful, sweet-scented, artistically shaped flowers borne on long, strong stems, and when cut will stand for a week in good condition. Of the easiest possible culture, and flowers continuously from early summer till autumn. See illustration on page 51. We offer the following colors:

Alba, pure white. **Armida,** lilac. **Favorita,** brilliant rose. **Graziosa,** dark lilac. **Gigantea Alba,** new giant white. **Suaveolens,** yellow. **Mixed.** Packet 5c

CENTAUREA ODORATA MARGARET.—Very handsome plants growing about 18 inches high and producing large, pure white flowers, exquisitely lacinated and delightfully scented. Being

Packet 5c

produced on long, stiff stems, the flowers are admirable for cutting.

CENTAUREA GYMNOCARPA, or DUSTY MILLER.—This is planted for its silvery gray foliage, not for flowers; for bedding and borders. Packet 5c



CENTAUREA CYANUS



CINERARIA.

Finest Hybrids.—In splendid mixture.

COSMOS. *Giant California.*—For cutting for bouquets and vases this is one of the finest flowers grown, lasting in water for a week; the long stems and feathery foliage lend themselves to graceful arrangements. The plants, five to six feet high, of symmetrical pyramidal form, are one mass of feathery, emerald green foliage, studded with mammoth flowers of white, pink or crimson, enlivening the garden long after more tender flowers have succumbed to early frost.

Giant Pink. Giant White.—The Pearl. **Giant Crimson. Giant Mixed.** Per packet 5c

Early Flowering Cosmos.—Comes into bloom in July and continues to flower until cut down by severe frost. **Mixed.** Per packet 5c

Early Flowering "Dawn." Flowers pure white with a delicate touch of pink at the base of petals. **Dwarf Cosmos.** Per packet 5c

COSMOS, LADY LENOX. *Gigantic Orchid-Flowering.*—A new orchid-flowering Cosmos having gigantic blooms of delightful shell-pink color. A strong and vigorous grower, attaining height of 6 to 7 feet; the flowers may be cut with any length of stem up to 5 ft. Packet 10c.

CYCLAMEN. Charming bulbous-rooted plants, with beautiful foliage and rich-colored orchid-like fragrant flowers; they require sandy loam.

Persicum Giganteum.—A great improvement over the old sorts; each flower measures from two to two and one half inches in length.

Mont Blanc.—Pure white. **Dark Blood Red. White with Carmine Eye. Rosa von Marienthal.**—Day-break pink. **Magnificum.**—White spotted and flaked red. **Giant Flowered Cyclamen in finest mixture.**

Per packet 5c

Daisy. (Perennial).—An old favorite which scarcely needs description. In bloom from April to June.

White, Deep Rose. Per packet 10c

Shasta Daisy.—A magnificent hardy perennial of the easiest culture. The seeds should be sown early. Bears immense flowers of purest white, on long wiry stems. Splendid cut flowers of good lasting qualities.

Per packet 10c

CHRYSANTHEMUM MAXIMUM PERFECTION, OR OX-EYE DAISY.—A free blooming hardy perennial, two feet high, is literally smothered with pure white, yellow-centered flowers. Splendid cut flower. Packet 5c.

Japanese Chrysanthemums.—If seed is sown in February or March the plants will bloom profusely next fall. Magnificent, enormous flowers in finest varieties. Per packet 10c

CINERARIA. A very pretty genus of plants, growing from one to three feet high. The flowers are of wondrous beauty, being brilliantly colored.

Hybrida Grandiflora.—(Large flowered). Per packet 25c

Bedding Cinerarias.—These are perennials and have silvery foliage.

Maritima Candidissima.—White foliage; compact habit. Per packet 5c

COLEUS.—Highly ornamental foliage plants in an endless variety of colors and shadings, indispensable for ribbon and carpet bedding, or as single specimens. Height, one to two feet.

Per packet 15c



CYCLAMEN.



CYPERUS.

Cyperus, or Umbrella Plant.—Grows finely in water with rich soil or mud, throwing up long stalks with narrow green leaves. Easily raised from seed. Per packet 5c

Delphinium.—(See Larkspur).

Digitalis or Foxglove.—The tall flower stems of the Foxgloves are particularly handsome when seen growing among shrubbery, or in bold masses along walks or drives. Used as a background for lower plants they are also very fine. The long spikes are thickly strung with scores of showy, thimble-shaped flowers. Mixed. Per packet 5c

DRACAENA OR CLUB PALM.—Dracaenas are largely used for massing with other plants on the lawn, or as single specimens. They are of the easiest culture, fast growers and require no special care.

D. Indivisa.—Has narrow, long and pendulous leaves. Is particularly fine for hall or porch decoration. Per packet 5c

DIANTHUS. Chinese Pinks.—

—One of the most useful and desirable plants and for beauty and variety of colors and markings cannot be surpassed.

Double white, double spotted, double striped, white with red, Double white, double dark blood-red, double dwarf pink, double dwarf dark blood-red. Separate colors or mixed. Per packet 5c

red with white, double dark blood-red, double dwarf pink, double dwarf dark blood-red. Separate colors or mixed.

HEDDEWIGI ANNUAL PINKS.—Their large flowers and brilliant colors make them very desirable for beds and borders. Single and double varieties mixed. Packet 5c

Hardy Perennial Pinks

Plumarius Fl. Pl.—Double, large flowering Pheasant's Eye Pink, in various colors, with fringed edges. Packet 5c

EVERLASTING FLOWERS

AMMOBIUM.—A favorite everlasting with white flowers; cut before fully open. Packet 5c

GOMPHRENA GLOBOSA.—(Globe Amaranth). Large cloverlike heads of flowers. Packet 5c

HELICHRYSUM.—(Strawflower). Showy summer blooming plants, flowers large and double; in shades of white, yellow, crimson, etc. Packet 5c



DRACAENA

ESCHSCHOLTZIA OR CALIFORNIA POPPY.

New California Poppy.—"Rosy Morn."—A distinct new shade, producing flowers of a form hitherto unknown in the Eschscholtzia species. The rosy white petals are delicately channelled or fluted with tiny folds radiating from the center and richly adorned with a soft primrose yellow hue, enhancing the beauty of this charming flower. Per packet 5c



ROSY MORN.

Bush Eschscholtzia or Hunnemannia.—The plants grow into a shrubby bush, 2 feet high, and produce large cup-shaped flowers 3 inches across on stems 12 inches long. The color is of clear, bright yellow, the petals are broad and crinkled, like crushed satin. The flowers keep in water for two weeks. Per packet 5c



HUNNEMANNIA.



GODETIA

den flowers; very free blooming; many colors; succeed anywhere.

GAILLARDIA. Exceedingly showy; produces large flowers of scarlet, white and yellow, borne freely throughout the summer. Excellent cut flower.

Single Mixed, Double Mixed, Single and Double Mixed.

Packet 5c

Gaillardia Grandiflora Maxima Kermesina.—Rich crimson center with a border of canary yellow. Immense flowers borne on long, stout stems. Among the showiest and most effective hardy perennial plants. If sown early they begin flowering in July, continuing a mass of bloom until frost; fine for cutting. They thrive in almost any position and soil.

Packet 10c

FEVERFEW. (Pyrethrum.)
Matricaria.—Double white.

Packet 5c

Parthenifolium Aureum.—Low growing plant with yellow foliage, for edging. Packet 5c

Forget-Me-Not

Succeed best in a damp shaded situation, but will thrive in any garden soil.

Palustris Semperflorens.—It blooms continuously from spring to fall. Packet 5c

Victoria.—Round little bushes completely covered with azure blue flowers. Packet 5c

Four O'Clock.

Shrublike plants with funnel-shaped flowers of many colors. Packet 5c, ounce 15c

Godetia.—Desirable garden flowers; Packet 5c



GAILLARDIA, SINGLE AND DOUBLE



HELIOTROPE



LARKSPUR, HYACINTH FLOWERED.



GYPSOPHILA. Elegans Alba Grandiflora.—Baby's Breath. Furnishes the loveliest material for all kinds of bouquets, the dainty, pure white flowers setting off bolder ones to advantage. Pkt. 5c

HELIANTHUS. (SUNFLOWER.) Nanus fl. pl.—A dwarf variety, flowers very double, rich and golden yellow. Excellent cut flowers. Packet 5c

Stella.—Well branched and bushy and attains a height of about three feet. Covered with finely formed flowers, about three inches across, of golden yellow color with black disc, and borne on long stems, which rise well above the foliage. Packet 5c

HIBISCUS. Crimson Eye.—Immense flowers of pure white with a large crimson eye. It blooms from seed the first year, sown in the open ground. A perennial, and lasts year after year. Packet 5c

HOLLYHOCK. An old fashioned favorite, which should be sown in June or July to have flowering plants the next summer, or if sown in the house early in spring they will bloom the first year. Four to six feet high. Packet 5c

Good Mixed. Packet 5c

Chater's Prize.—Seed saved from the finest English strain; will produce extremely large and double flowers. Pure white, yellow, scarlet, pink and chamoisrose. Packet 15c

Chater's Best Mixed. Packet 10c

Everblooming Annual Hollyhock.—Commences flowering in twelve weeks from seed, and continues until frost. The flowers are double, semi-double and single, and appear in all colors. Packet 10c

HELIOTROPE.—Deliciously fragrant flowering plants, great favorites for pot culture in winter or bedding out in summer; large umbels of purple, lilac or white flowers are continually borne. Finest mixed. Per packet 5c

ICE PLANT.—Suitable for rock work, hanging baskets, etc., foliage thick and fleshy and of a frosted wax-like appearance.

Crystallinum.—Pink flowers. Per packet 5c

LARKSPUR. Very showy plants with pretty flower spikes; free bloomers; should be sown in fall or early in spring.

Double Dwarf Hyacinth Flowered.—Finest Mixed; 1½ feet. Pkt 5c

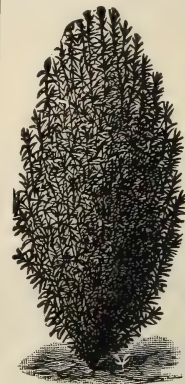
Perennial Larkspur.—These are valuable plants for the permanent bed or border, furnishing an ample supply of flowers.

New Chinese Larkspur.—A perennial plant of great beauty. The plants produce a great number of handsome blue flowers on wiry stems. Being a hardy perennial, the plants increase in size with age. Per packet 5c

Grandiflorum Flore Pleno.—Flowers large and double. A splendid cut-flower and ornamental plant. Many shades of color in finest mixture. Per packet 5c

Linum, Flowering Flax.—Scarlet; very attractive bedding plants. Per packet 5c

Kochia Tricophylla or Summer Cypress



Regular pyramids of cypress-like appearance. The leaves are light pea-green until September, when they change to carmine and blood-red. Packet 10c



LOBELIA

LOBELIA. A dwarf plant with delicate, graceful foliage and pretty fine flowers. Of value chiefly for hanging baskets and border work.

Erlinus Gracilis.—Best for hanging baskets. Per packet 5c

Erlinus Erecta Speciosa.—(Emperor William.)—Dark blue, white eye. Dwarf. Per packet 5c

CRYSTAL PALACE. (Compacta.)—Deep blue, dark foliage, fine bedder, 6 inches. Per packet 5c

LUPINUS. (Sun Dials.)—Disirable bedding plants with long, graceful flower spikes, bearing richly-colored pea-shaped flowers.

Dwarf Sorts.—Choice mixture. Per packet 5c

MIMOSA. Sensitive Plant.—A most interesting little plant, being so sensitive that a touch from the hand will instantly cause the leaves to fold up. When the hand is removed they will unfold again in a few moments. Small pink flowers. Per packet 5c

MIMULUS. Moshatus. (Musk Plant.)—The thin, delicate leaves emit a delicate musk odor.

Per packet 5c



MARIGOLD

The Marigolds are old favorite free flowering annuals of easy culture, and are particularly well adapted for mixed borders.

Tall Sorts Mixed. Pkt. 5c

CALENDULA. Pot Marigold

A hardy annual about a foot high. Excellent for bouquets and vased.

Mixed. Packet 5c

Mignonette

A well known annual with spikes of deliciously fragrant flowers. Indispensable in all gardens.

Grandiflora.—Large-flowered, sweet scented.

Packet 5c, ounce 10c

MACHET.—Undoubtedly the best sort for pot culture. Dwarf, vigorous, pyramidal growth, with long, broad spikes of deliciously scented red flowers.

Packet 10c, 1/4 ounce 20c, ounce 50c

GOLIATH.—Giant trusses of flowers of pure bright red color. Compact growth, rich green foliage. Excellent for cutting or pot plants. Packet 10c

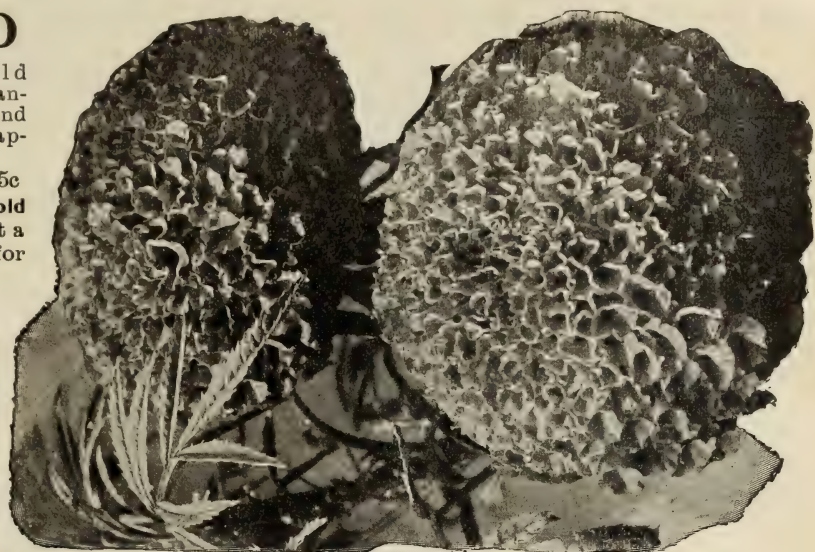
MACHET "RUBY."—A variety of Machet Mignonette showing the same compact habit of growth as the older sort, while its large, extremely thick flower spikes are of bright copper-scarlet color, such as has never yet been produced in any other existing Mignonette. Packet 10c

NICOTIANA. Affinis.—An annual with sweet scented, pure white star-shaped flowers, three inches across, blooming continually. Packet 5c

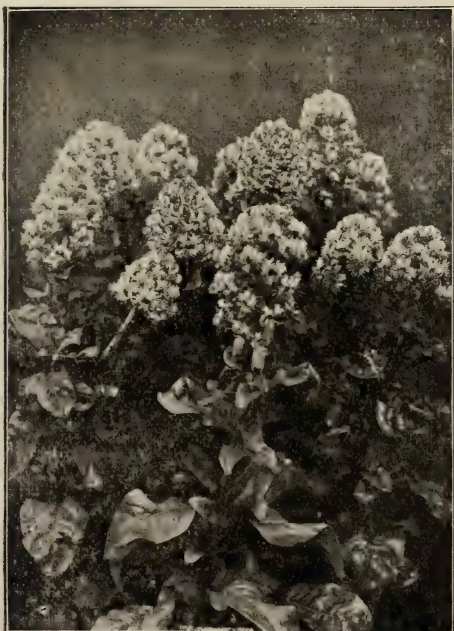
Sanderae Hybrids.—Large flowers borne in profusion. They come in eight colors, ranging from pure white to deep scarlet, some of the intermediate tints being of exquisite beauty. Packet 5c

NIGELLA.—Free blooming plant, graceful foliage. Red, white, blue. Any color or mixed. Pkt. 5c

Miss Jekyll.—Clearest cornflower blue, contrasting most charmingly with the fine foliage. Pkt. 5c



MARIGOLD



MIGNONETTE



NIGELLA, MISS JEKYLL



NASTURTIUMS.

TROPHAEOLUM.

The tall sorts are admirably adapted for rock work. They flower most profusely when planted in poor soil, and remain in bloom a long time; stand heat and drought without the slightest effect. The seed, if picked young is an excellent substitute for capers

The dwarf varieties of Nasturtiums are among the most useful and beautiful of annuals for bedding, massing, etc., owing to their compact growth, richness of color and profusion of bloom.

Dwarf Varieties.

Aurora.—Deep chrome yellow, the two lower petals blotched and veined carmine.

Atrococcineum.—Deep scarlet, verry pretty.

Beauty.—Canary, splashed scarlet.

Crystal Palace Gem.—Sulphur yellow with maroon spots.

Cattel's Crimson.—Deep crimson.

Dwarf Nasturtium "Chamaeleon."—This strain is remarkably dwarf. Its flowers present many attractive colors and markings and are carried well above the foliage. The same general description applies to this as well as to the tall variety.

Per packet 5c, ounce 20c

Empress of India.—Splendid variety, with very dark leaves and crimson flowers.

Golden King.—Brilliant yellow, dark foliage.

King Theodor.—Dark green foliage, flowers velvety, almost black.

King of Tom Thumbs.—Intense scarlet flowers and dark foliage.

Prince Henry.—Beautiful golden-yellow, spotted and marbled with brilliant scarlet, which in combination with the dark green foliage presents a striking appearance.

Pearl.—Creamy white.

Roseum.—Pink.

Spotted King.—Yellow splashed with brown; very handsome.

Dallwig's Special Mixture of Dwarf Nasturtiums.

All the above named sorts in even mixture, put up by ourselves; will furnish the most beautiful bed. Per packet 5c, ounce 15c, ¼ pound 40c

CLIMBING NASTURTIUMS.

Brilliant Fulgens.—Dark scarlet with dark green leaves.

Coccineum Multiflorum.—Scarlet.

Crown Prince of Prussia.—Brilliant dark blood red.

Flammulum Grandiflorum.—Scarlet, splashed with yellow.

Tall Nasturtium "Chamaeleon."—It is unique in bearing flowers of quite distinct colorings on one and the same plant—some clear, deep crimson, others blotched on light ground and others beautifully mottled. The tall variety, with its very large rich flowers in the greatest variety, is unsurpassed for training over fences and trellises, and blooms with the greatest freedom the entire season.

Per packet 5c, ounce 20c

Hookeri.—Dark yellow, spotted brown.

New Climbing Nasturtium, Mad. Gunther's Hybrids.

—For richness and variety of colors these new hybrids have no equals among Nasturtiums. There are shades of rose, salmon, brightest red, pale yellow, either as self-colors or spotted and striped. The foliage is mostly dark and contrasts very effectively with the rich colors. They are climbers and free and continuous bloomers. It is impossible to describe all the different colors. It contains a great many colors that are not found in any other mixtures. Per packet 5c, ounce 15c

King of Blacks.—Almost black.

Lucifer.—Deep scarlet with dark foliage.

Mercier Lacombe.—Reddish-brown.

Spitfire.—Bright red.

Sulphureum.—Sulphur-yellow.

Triomphe D'Hyeres.—Bright scarlet.



NASTURTIUM, MAD. GUNTHER'S HYBRIDS.

Dallwig's Special Mixture of Tall Nasturtiums.

—All the above varieties in best mixture. No better offered anywhere. Pkt. 5c, oz. 15c, ¼ lb 40c

Christmas or Celestial Pepper

One of the very best introductions in berried plants. The plants are covered with bright colored cone-shaped fruit at Christmas.

Packet 10c

SOLANUM. (Jerusalem Cherry).—Fine for pots Fruit about the size and color of cherry. Pkt. 5c

PANSIES. Dallwig's Mixture Large Flowering.

While the Giant Pansies are favorites on account of immense size of their flowers, our Mixture of Large Flowering Pansies excels in its endless variety of colors. Packet 5c, 1/4 ounce 40c, ounce \$1.25

GIANT PANSY.

The term "GIANT PANSIES" does not adequately describe these new strains, for aside from the enormous size which gives them their name, their colorings are simply superb and their form and substance perfect.

Giant Trimardeau Improved.—A greatly improved strain. Flowers of immense size and larger variety of colors than are generally offered under that name. We offer the following colors:—

Giant Emperor William.—Color splendid ultra-marine blue with purple-violet eye.

Giant Adonis.—Magnificent light blue with white centre.

Giant Auricula Colors.—Of especially good substance and beautiful shadings of copper and mahogany colors.

Giant Yellow with dark center.

Giant Striped.

Giant Golden Gem.—Clear golden yellow.

Giant White Ground, Marbled.

Giant King of Blacks.

Giant Snow Queen.—Pure white.

Giant Violet Blue.

Giant White, Spotted Center.

GIANT TRIMARDEAU IN BEST MIXTURE. All the above colors and shades.

Per packet 10c, ounce \$2.50

GIANT ODIER. Flowers large, spotted on each petal. Splendid mixture.

Per packet 10c, ounce \$4.00.

GIANT CASSIER.—This is a very fine mixture of Pansies with three or five blotches on rich backgrounds. The flowers are very large, round and borne on stiff stalks emerging from bushy, compact plants. This mixture contains a great many red shades.

Per packet 10c, ounce \$4.00

GIANT BUGNOT.—Flowers of enormous size and the most circular form; the petals are of great substance and velvety appearance, each one bearing a large, deeply colored blotch that runs out in delicate veins to the edge; the shadings are wonderfully rich and comprise tints of red, bronze and reddish brown that are not to be found in any other mixture.

Per packet 10c, ounce \$5.00



NEW PANSY "MASTERPIECE."



"Triumph of the Giants".—The plants of this novelty, which in every respect surpasses anything heretofore offered in Pansies, distinguish themselves by their robust, compact growth and enormous, five-spotted, perfectly round flowers of unusual substance. In most of the flowers the border of each petal is conspicuously undulated and curled. The beauty, brilliancy and richness of color are most striking; many rare and new tones of red and brown will be noted. Per packet 15c

"Masterpiece."—The margin of each petal is conspicuously undulated and curled. The flowers are of extremely large size, borne well above the foliage on strong stems. Per packet 15c

GIANT HORTENSIA.—New magnificent pink. Color of Hydrangia. Per packet 15c

Dallwig's Giant Pansy Mixture.

This mixture comprises all of the above strains and varieties of Giant Pansies in most satisfactory proportion of colors.

Per packet 15c, 2 for 25c, ounce \$3.50



PETUNIA. For freedom of bloom, variety of color, ease of culture and effectiveness these rank with the Asters, Phlox and Verbenas. With only little care, Petunias will produce their handsome, sweet scented flowers in delicate and gorgeous colors throughout the whole summer.

Finest Hybrids, Mixed.— Packet 5c, $\frac{1}{4}$ ounce 15c

Large Flowering Single Fringed.— Packet 15c

Large Flowering Double Fringed.— Packet 20c

Star Petunia.—Ground color a dark crimson maroon with violet veinings. The star is a light blue-pink, deepening towards the margins. Packet 5c

PHLOX. Invaluable for bedding, masses and cut flowers; bright colors, which vary from the purest white to the deepest blood red. There is no annual which can compare for beauty, duration of bloom, brilliancy of color and usefulness to the Phlox.

PHLOX DRUMMONDI.—This mixture will delight and astonish all with its extensive variety of colors. A bed of Phlox Drummondii in assorted colors makes a grand display all summer.

Packet 5c, $\frac{1}{4}$ ounce 15c, ounce 50c

Phlox Drummondii Grandiflora.

Large-Flowering Phlox.—Produce flowers twice the size of the common, with the most brilliant colors imaginable. **LARGE FLOWERING SINGLE FRINGED PETUNIA.**

Grandiflora Alba.—Large flowering pure white. Packet 5c

Grandiflora Coccinea.—Large flowering bright red. Packet 5c

Grandiflora Atropurpurea.—Large flowering deep red. Packet 5c

Finest Large Flowering Mixed. Packet 5c, $\frac{1}{4}$ ounce 25c

Star of Quedlinburg.—The center petals, which are five in number, are elongated to four or five times the length of the lateral ones. Distinct and starlike. Packet 5c

Dwarf Phlox. (Phlox Drummondii Nana Compacta).—These are much superior to the other Phloxes for ribbon bedding or borders. The plants grow very symmetrical in neat little bushes, about eight inches high. Packet 5c

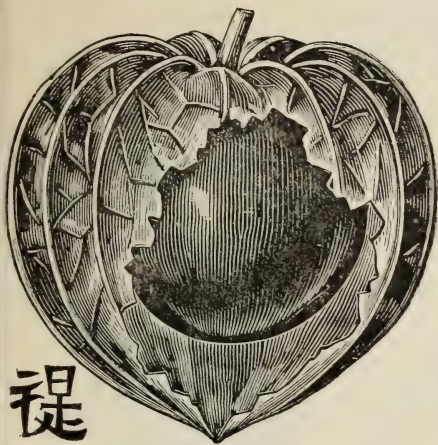


Hardy Phlox.—Perfectly hardy, need no protection; grow in any soil, but succeed best in deep rich, moist ground. Very showy, handsome trusses of flowers last a long time. Best large flowering, newest varieties mixed. Packet 5c



PETUNIA, LARGE DOUBLE FRINGED

PHLOX DRUMMONDI GRANDIFLORA



提

PHYSALIS.

PHYSALIS. (Chinese Lantern Plant.) Franchetti. Winter Cherry.—An elegant ornamental variety of the Winter Cherry, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet, lantern-like fruits, which are said to be superior to the Winter Cherry for cooking, preserving or eating raw, but it is as an ornamental plant that we think it will be most appreciated. A perennial, blooming year after year. (See cut).

POPPY. Poppies are steadily regaining their old-time popularity. This is not strange when we consider how many new varieties have been introduced and how large a list of desirable kinds we now offer. Their brilliant dazzling colorings and wonderful variety make a very effective display in the garden or for cut flowers.

- SINGLE.**
- Mephisto.**—Striking scarlet color beautifully spotted with dark violet blotches. Per packet 5c
- Shirley.**—The colors of this Poppy are so varied that scarcely two will be found alike, ranging from white, rose and carmine to bright sparkling crimson. Per packet 5c

Miss Sherwood.—Bears profusely large single flowers of a satiny white, upper half of corolla being a silky chamois rose; a combination of rare delicacy. Per packet 5c

Danebrog.—Fine single poppy, flowers scarlet, with white spot on the base of the petals. Packet 5c

DOUBLE.

- Paeony Flowered Double.**—Flowers in size and color equal to Paeonies.
- Double Paeony Flowered.**—Scarlet. Packet 5c
- “ “ “ —Pink. Packet 5c
- “ “ “ —Mixed. Packet 5c
- Mikado.**—Pure white at the back, the fringed edges brilliant scarlet. Per packet 5c

HARDY POPPIES.

- Oriental Poppy.**—Unequaled in brilliancy of colors. Flowers very large and range from soft flesh and rose to the most brilliant, dazzling scarlet and richest maroon purple. Perfectly hardy. Mixed. (See plate XI.) Per packet 5c
- Oriental Poppy.**—Scarlet. Per packet 5c



SHIRLY POPPY

Iceland Poppy. (*Nudicaule*).—These Poppies are perfectly hardy and produce in endless profusion flowers which are most useful for cutting. They are of a very graceful, neat habit with slender stalks about 12 inches in height, surmounted by yellow, white, or orange-scarlet flowers. Per packet 5c

SANTA ROSA POPPY.—A new strain of Shirley Poppies, originated and improved by Luther Burbank. Combines all the delicate beauty in color of the original Shirley and Shirley types, and with these the whole flower in all of its petals is beautifully crimped. Per packet 5c

Dallwig's Special Poppy Mixture.—Comprises all the single and double annual Poppies described above, making a splendid color display. Per packet 5c

See also Eschscholtzia or California Poppy, page 53

PORTULACA.—(Moss Rose).—For brilliant, beautiful and delicate flowers these lovely plants have no equal. Grows in a dry hot situation, where any other plant would soon die.



FORTULACCA.

- Single Mixed.**—Ounce 35c, packet 5c
- Double Mixed.**—Per packet 10c

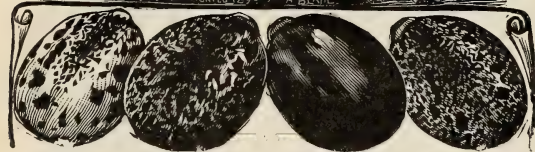


PRIMROSE.—Chinese Primroses are lovely and useful little plants for pot culture, that bloom most freely during winter and spring. Sow in February or March in very fine light soil. Pot into small pots, shift two or three times during the summer and keep in a cool, moist, shady place and success is sure. Our Primula seed is from the best European growers. We furnish florists largely with our strain and it gives satisfaction to everybody.

Single, large flowering fringed Chinese. Per packet 15c

Primula Obconica, New Large Flowering.—An everblooming Primrose which blooms during eight months of the year. Flowers borne on stems about nine inches high. If sown in March will bloom in June. It is one of the most useful pot plants for the window, and if planted out makes a very attractive border plant. White, lilac or mixed.

Per packet 10c



RICINUS—Plant and Seed.

Zanzibariensis.—Ten to fifteen feet high and the leaves measure about thirty inches across and in different plants range from bright green with green stems to deep bronze with dark red stems, all having a brilliant luster. Per packet 5c

Rudbeckia Bicolor Superba.

One of the brightest and most showy plants. The plant is quite compact, and produces numerous long stems, laden with beautiful, large, yellow flowers, with brown center. Very valuable as a cut flower. Per packet 5c

SNAPDRAGON.

(*Antirrhinum*).—Beautiful spikes of colored flowers, produced all summer. We offer only the best varieties.

Tom Thumb.—Dwarf growing; one foot. Mixed colors. Per packet 5c

Half High.—Mixed. Per packet 5c

"Queen Victoria."—In this splendid new variety are combined elegant, finely cut foliage with unusually large flowers of a brilliant white, borne in great profusion, on long and graceful stalks; will furnish splendid material for bouquets. Per packet 10c



BABY PRIMROSE.

"BABY PRIMROSE." (*Primula Forbesi*).

The illustration shows the great freedom with which it bears its flowers. They are of a delicate rose color and they keep fresh for a long time after cutting. The seed comes up very readily, and the little plants throw up tiny flower stalks when only a few weeks old. These, however, should be pinched off, and the plants kept growing for some weeks when the flowers may be allowed to develop, and from then on they produce their sprays of beautiful flowers in seemingly never ending profusion. Per packet 10c

RICINUS. Known as "Castor Oil Plant" and "Palma Christi"; a rapid growing foliage plant with large palm-like leaves, much used for subtropical effect on the lawn, or for center beds of foliage plants.

Borboniensis.—Fifteen feet, immense green foliage. Per packet 5c

Sanguineus.—A distinct variety with beautiful brownish red foliage and bright seed-pods; very effective. Height, six feet. Per packet 5c



CHINESE FRINGED PRIMROSE.

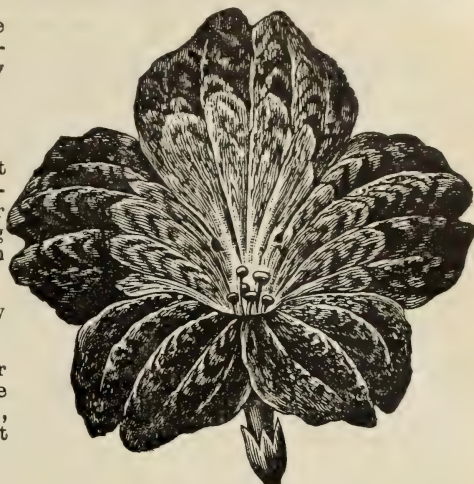
SALPIGLOSSIS.—The shape and size of the flowers somewhat similar to the *Petunia* and embraces a great variety of rich colors.

Fine Mixed, from named sorts.— Per packet 5c

SALVIA. (*Flowering Sage.*)—It is one of the most desirable plants for decorative purposes, if planted either singly, in groups, or with other plants. The flowers are of the most brilliant, dazzling scarlet, produced in endless profusion and until late in the fall.

Salvia Splendens.—Bright scarlet; large flowering; very fine. Per packet 5c

Salvia, Clara Bedman. (*Bonfire.*)—Handsome globular bushes about 2 feet high by one foot in diameter. The spikes grow erect and stand clear above the foliage, completely covering the plant and are of a most brilliant dazzling scarlet. Per packet 10c



SALPIGLOSSIS.

Fireball.—Has larger flowers and is also more free flowering than any other kind. The bushy plant, 20 inches high is covered with long broad flower spikes with a great number of flowers of the most fiery scarlet. The earliest of all, flowering by the beginning of July and continuing until frost. Packet 10c

New Salvia Splendens, "LITTLE LORD FAUNTLE-ROY."—Foliage 10 inches from ground, the eight inch flower spikes standing erect above the dark-green leaves. The best for bedding. Per packet 15c

SCABIOSA. (*Mourning Bride.*)—Very useful and ornamental plants with rich and beautifully colored flowers, equally effective for beds or borders; excellent for cutting.

Nana Fl. Pl.—Dwarf, extremely double and valuable for bouquets. One foot. Mixed color. Per packet 5c

COMPACTA.—Half-high. Dark Brown, Dark Brown with White, Cherry, White, Per packet 5c



SALVIA SPLENDENS.

Purple, Mixed, Cherry and White, White and Lilac, Lilac, Per packet 5c

SNOWBALL SCABIOSA.—The flowers of this new Scabiosa are large measuring fully 2 inches, in diameter, of purest white and very double. The stems are very strong and the foliage luxuriant. Fine for vases and bouquets. Per packet 5c



SCABIOSA.

Per packet 5c

SEDUM. Stonecrop.—A useful dwarf plant for rockwork baskets. Flowers star-shaped. Mixed. Per packet 5c

SILENE. Catchfly.—Bedding plants of dwarf growth and covered with bright, red-colored flowers. Height, one foot.

SWEET WILLIAM.—The Sweet Williams are generally sown in August or September, but may also be sown in the spring.

Large Flowering.—Single Mixed. Per packet 5c
 " " Double " Per packet 5c



SWEET WILLIAM.



SWEET PEAS.

Everyone who Cultivates Flowers Should Plant Sweet Peas. Our List Includes all of the Best Varieties Both Old and New.

FOREMOST IN EASE OF CULTURE. MOST VARIED IN BOUNTEOUS TINTS. FRAGRANT AS ANY FLOWER.

The Sweet Pea is one of the most popular flowers, and numbers thousands of skilled cultivators among its enthusiastic admirers. Early in spring make a trench 6 inches deep in rich, mellow, but not light soil. When about 5 inches high, furnish some support for the vines. Keep flowers picked.

The "Countess Spencer" Type. An entirely new type of Sweet Peas, having truly enormous flowers, which can only be appropriately described as "Orchid-flowered." The outer edges of the standard and wings are beautifully crumpled or waved.

Apple Blossom Spencer.—A reproduction of the popular Apple Blossom, but of enlarged size and true Spencer type. Heavily shaded with deep pink and soft rose on white. Packet 10c, ounce 20c

Asta Ohn Spencer.—Charming soft lavender, suffused with mauve. Packet 10c,

Countess Spencer.—Soft rose-pink, snading a little deeper at the edges. Packet 5c, ounce 15c

Countess Spencer Hybrids.—A mixture of Spencer seedlings. Packet 5c, ounce 15c, $\frac{1}{4}$ pound 30c

King Edward VII Spencer.—Gigantic, wavy flowers; deep rich carmine-scarlet. Packet 10c,

Primrose Spencer.—A pronounced primrose or creamy yellow.

Packet 5c, ounce 15c

Mrs. Routzahn Spencer.

—Beautiful color; buff or apricot ground, suffused and flushed delicate pink, deepening towards the edges.

Packet 10c,

White Spencer.—Pure white, large, crinkled and fluted.

Packet 5c, ounce 15c

Mixture above Spencers

Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb 60c

"Unwin" Type.

Although of distinct origin, these resemble the Countess Spencer; fluted and waved.

Frank Dolby.—Lovely light lavender, wavy.

Gladys Unwin.—Beautiful light pink; crinkled.

Helen Pierce.—Gloxinia flowered; bright blue on white.

John Ingman.—Orchid-flowered; salmon-rose.

Nora Unwin.—Beautifully waved or fluted. Very large pure white.

Any variety: Packet 5c, oz. 10c, $\frac{1}{4}$ lb 25c, lb 75c

Standard Sorts.

Agnes Johnston.—Rose pink, shaded cream.

Aurora.—White, flaked orange-salmon.

Blanche Burpee.—Pure white; very large.

Brilliant.—Bright scarlet

Captain of the Blues.—Purplish mauve.

Countess of Radnor.—Pure delicate lavender.

Dainty.—White, daintily edged pink.

Dorothy Eckford.—Pure white, giant flower.



SPENCER TYPE OF SWEET PEAS



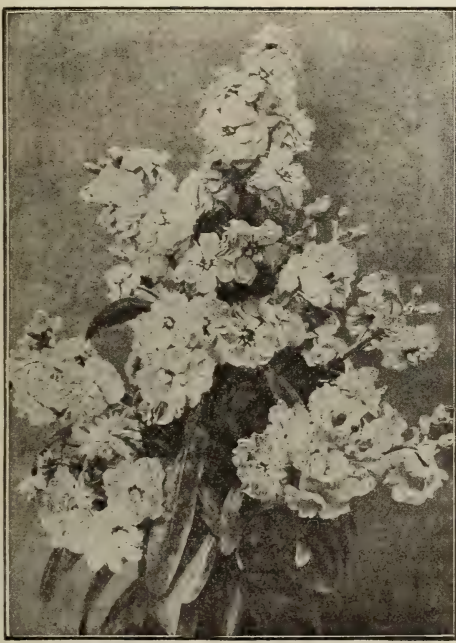
- Dorothy Tennant.**—Deep rosy mauve.
- Extra Early Blanche Ferry.**—Pink with white wings
- Flora Norton.**—Bright, clear blue.
- Florence Fraser.**—An improved Blanche Ferry.
- Gorgeous.**—Salmon-orange.
- Gracie Greenwood.**—Soft salmon-pink deeper edge
- Hon. Mrs. E. Kenyon.**—The best yellow.
- Janet Scott.**—Bright pink and buff.
- Jeanie Gordon.**—Standard rose, shaded cream.
- Katherine Tracy.**—Soft brilliant pink.
- King Edward VII.**—Intense bright crimson.
- Lady Grisel Hamilton.**—The best lavender.

- Lady Mary Currie.**—Bright orange-pink.
- Lovely.**—Soft shell pink.
- Marchioness of Chalmodeley.**—Cream, overlaid and edged pink.
- Miss Wilmott.**—Deep orange-pink.
- Mrs. Dugdale.**—Rose, suffused primrose.
- Mrs. Geo. Higginson Jr.**—Clear delicate light blue
- Mont Blanc.**—Early forcing white.
- Navy Blue.**—General color effect dark blue.
- Prima Donna.**—Beautiful light blush pink.
- Ramona.**—White, splashed pale pink.
- Shazahda.**—Rich dark maroon.

Price of all Sweet Peas, unless otherwise noted, packet 5c, ounce 10c, 4 ounces 20c, pound 60c

"Dallwig's Best Mixed" Sweet Peas. This mixture of Sweet Peas is undoubtedly the finest ever offered. It contains all the best named varieties of the large flowering type as well as the popular Unwin and Countess Spencer types, carefully selected and mixed by ourselves, with a liberal proportion of the novelties of the year. Packet 5c, ounce 10c, 1/4 pound 25c, pound 75c

IF SWEET PEAS ARE WANTED BY MAIL, ADD 2 CENTS PER 1/4 POUND, 8 CENTS PER POUND.



STOCK, BEAUTY OF NICE

this variety. White, pink, crimson, light blue, dark blue, mixed.

Dwarf Bouquet.—Low compact growth; much branched and a long bloomer. White, crimson, light blue, deep blood-red, brilliant rose, mixed. Packet 5c

BEAUTY OF NICE. New Winter Stock.—Well-branched plants bearing a profusion of very large, sweet-scented flowers of flesh-pink color. Blooms in 14 weeks, so that it may be treated as a summer stock. Blooms all summer, fall and winter. Packet 10c

BEAUTY OF NICE. Almond Flowered.—Color white flushed carmine-rose. Packet 10c

NEW STOCK "PRINCE BISMARCK."—Of robust, pyramidal growth, attains a height of 30 inches, produces many long flower spikes covered with large, pure white double flowers. Ten Week Stocks have stopped blooming, continuing until late in the Fall.

STOCKS. These are among the best and most popular of the garden favorites. In brilliancy of color and sweetness of perfume they are unsurpassed.

Large Flowering Wallflower Leaved.—Deep bloodred, blue, dark blue, crimson, white, yellow. Packet 5c

Princess May.—(Wallflower Leaved.) Fine, large, double flowers, pure yellow. Forms a compact pyramid, bearing flowers one and one-half inches across. Highly recommended. Packet 10c

Giant Perfection, or Cut and Come Again.—This variety is almost a perpetual bloomer. Flowers double and very large. White, dark blue, reddish brown, bright crimson-purple, crimson, mixed. Packet 5c

Mammoth White Column.—Snow white; distinguished by a remarkably vigorous growth, and magnificent, gigantic double flowers, borne on long stems, making them valuable as cut flowers. Packet 10c

Dwarf Pyramidal.—We can highly recommend



STOCK, PRINCESS MAY

The plants begin to bloom when other Packet 10c



VERBENA

VERBENA.

The Verbena is one of the most effective bedding plants in cultivation, unrivalled in the splendor of its dazzling brilliancy of flowers; of very neat habit; a constant bloomer. Auricula flowered (white-eyed), pure white, scarlet, dark blue, blue with white eye, striped, Defiance (rich scarlet), mixed colors.

Dwarf Defiance.—Bright scarlet. Packet 5c
Mammoth.—Extra large-flowering in splendid mixture. Seed saved from perfect flowers only. Packet 10c

VIOLA. Sweet Violet.—There is probably no plant that can equal the Sweet Violet for delicate and delicious fragrance. It always has been and always will be a prime favorite. Unsurpassed for planting in borders where the situation is rather moist and shady. They bloom freely and give unending delight with their beauty and fragrance.

Semperflorens Blue.—Everblooming, sweet-scented. Packet 5c

Wallflower.

The conspicuous spikes of the double German varieties have a charming effect, while the compact and more bushy growth and profuse blooming of the single ones render them exceedingly attractive. Half hardy perennials.

Finest Double.—Yellow, brown, and mixed. Packet 10c
Single Mixed.— Packet 5c

ZEA JAPONICA. A variety of corn with ornamental foliage; leaves green and white. Half hardy annual; six feet high. Packet 5c

ZINNIA

Few flowers are so easily grown from seed sown in the open ground, or bloom so abundantly and continuously as this hardy annual. Marvelous improvements have been wrought in the newer strains. During the month of August Zinnias are almost incomparably bright. We recommend a free use of them for groups, beds, borders, garden lines and summer hedges. Average height, 1½ to 2 feet.

Large Flowering Dwarf.—White, crimson, yellow, scarlet, pink, orange-red, carmine, purple, mixed. Packet 5c

Mixed Flower Seed

This contains many desirable varieties, and is well adapted for use by woodland walks, and naturalizing purposes, as well as general garden work. Packet 5c



LARGE FLOWERING DWARF ZINNIA

Dahlias. Within the last few years there has been a wonderful revival of interest in the Dahlia. We have carefully revised our list with a view of selecting the best of the newer varieties as respects free and continuous blooming qualities, purity of color and perfection of form. See pages 73 to 77.

GARDENING
BY
CHILDREN

No occupation is as healthy, innocent or instructive to a child as a practical study of nature. No matter how small the space of ground the pleasure to a child of cultivating a little garden will always develop ambition, and the pleasure of observing the growth from the day the seed sprouts until the plants attain perfection is in itself a lesson which both young and old can appreciate. The good, wholesome benefit derived by the children must necessarily cultivate the mind, while at the same time amuse.

Heads of Institutions and School Managers would do well to cultivate in the minds of the children under their charge a love of nature and the beautiful.

Annual flowers such as Balsam, Mignonette, Four O'Clocks, China Pinks and Phlox are all easily raised and afford a showy display at small cost and little labor. In Vegetable Seeds our selection is unexcelled.

SEEDS OF HARDY PERENNIAL PLANTS.

The popularity of this class of plants, familiarly known as **Old-Fashioned Hardy Garden Flowers**, is not at all surprising when we consider the many varied and pleasant changes which take place throughout the entire growing season in a well-arranged hardy border.

Seeds of Biennials and Hardy Perennials may be sown in July and August in the open, and in September in boxes and placed in cold frames. They will make strong plants by spring and flower early.

Alyssum Saxatile Compactum.—Golden yellow.

Aquilegia.—Rocky Mountain Columbine. See ill. page 46

Bellis.—Double Daisy. White and pink.

Campanula.—Canterbury Bell. Single mixed, single blue, double mixed, double blue.

Cup and Saucer, mixed.

Carnation.—Double.

Coreopsis Lanceolata.—Bright golden yellow.

Daisy, Shasta.—Large, pure white flowers. See illustration page 49. Packet 10c

Delphinium. Hardy Larkspur. The long spikes of flowers are produced continuously until late in fall.

D. Formosum.—Deep blue with white eye.

D. Sinensis.—

D. Sinensis fl. pl.—Double.

Dianthus Barbatus.—Sweet William. See illustration page 68.

Dianthus Plumarius.—Pheasant's Eye Pink.

Digitalis.—Foxglove. A wealth of flowers in June and July.

Gaillardia Grandiflora.—Showy and effective. Continue one mass of bloom all summer. Center is dark reddish-brown, petals marked with rings of brilliant scarlet-crimson, orange, and vermilion. Packet 10c

Gypsophila Paniculata.—Also known as Baby's Breath. Minute white flowers of beautiful gauze-like appearance August-September.



GAILLARDIA GRANDIFL.

Hesperis Matronalis.—Showy spikes of pinkish flowers during June and July.

Hibiscus, Crimson Eye.—Flowers of immense size; pure white, with a large spot of deep, velvety crimson in the center.

Hollyhocks.

For planting in rows or groups on the lawn, or for interspersing among shrubbery they are invaluable.

Chater's Prize Hollyhocks.—Double white, yellow, pink, scarlet, crimson, salmon, and mixed. Pkt. 15c Good Mixed.

Lobelia Cardinalis.—Rich fiery cardinal flowers.

Lychnis Chalcedonica.—Large heads of vermilion-scarlet flowers.

Hardy Phlox. The hardy Phloxes are without doubt the most important of all hardy perennials, and can now be found in almost every garden. They flower from early summer until late in the fall, and contain a range of brilliant colors not found in any other hardy plant. Mixed colors. (See page 84).

POPPY, Oriental.—Mammoth scarlet, with black center. See illustration page 84.

Oriental Hybrids.—Mixed colors.

Iceland Poppies.—Mixed colors.

Scabiosa Caucasic.—One of the handsomest perennials for cutting purposes. The flowers are of a peculiarly soft and charming shade of lilac-blue. June to September See page 84.

Stokesia Cyanea.—(Cornflower Aster.) Handsome, lavender-blue, centaurea-like blossoms.

Per Packet 5c, unless otherwise noted.



DIGITALIS (FOXGLOVE)



COREOPSIS LANCEOLATA



RUNNING VINES FROM SEED

BALLOON VINE. Remarkable for its inflated membranous capsules; sometimes called "Love-in-a-Puff." A rapid and gracefull climber. Flowers white. Per packet 5c

Canary Bird Flower.—One of the most charming climbers, bearing an abundance of bright yellow fringed flowers. Ten feet. Per packet 5c

COBAEA.—A rapid growing climber, sometimes attains the height of thirty feet in a season. Flowers first green changing to a deep blue-violet. To prevent it from rotting place the seeds edgeway and cover slightly with light soil. Per packet 5c

CHARANTIA. (*Balsam Pear.*)—A rapid growing climber with very beautiful fruit, of a rich golden yellow color, which opens when ripe, disclosing the seeds encased in a carmine covering. The fruit, preserved in alcohol, makes a useful liniment. Per packet 5c

Dolichos or Hyacinth Bean. Of quick growth, the foliage dense and handsome, the flowers abundant and pretty, and the seed pods shining, large and of a purple-violet color. Red, white and purple. Per packet 5c

Gourds Ornamental. All of this climbing genus are of rapid growth and produce fruit of peculiar and varied form. **Gooseberry.**—Small, bright green.



COBAEA.



CANARY BIRD FLOWER

Snake.— **Pear Shaped.**—Green, striped with cream, **Egg, Bottle Shaped, Apple, Orange, Small Onion Shaped, Small Pear Shaped Marbled, Smallest Green Striped Apple, Flattened Bottle. Mixed.** Per packet 5c

IPOMOEA. Elegant twining plants, with handsome, showy flowers and beautiful foliage. Excellent for trellises, arbors, fences, etc.

Coccinea. (*Star Ipomoea.*)—Scarlet free flowering. Packet 5c

Quamoclit. *Cypress Vine.*—A favorite, well-known, climbing vine, with graceful, airy foliage and handsome flowers. Scarlet. Per packet 5c

Ipomoea Noctiflora. (*True Moon Flower or Evening Glory.*)—Magnificent climber, producing handsome dense foliage and a large number of clear white, very fragrant flowers. Start in the house and plant out after danger of frost is past. Per packet 5c

NEW JAPANESE HOP. It resembles in habit our common hop, but the foliage is more deeply cut, and very dense. An extremely rapid grower. Per packet 5c
Variegated Foliage.—Very beautiful variety. Easy to grow. Per packet 5c



WILD CUCUMBER

For Hardy Climbing Vines
See Pages
84 to 87

Wild Cucumber...
Quickest climber for fences, arbors, etc
A wellknown vine.
Packet 5c
Ounce 10c



ORNAMENTAL GOURDS



JAPANESE MORNING GLORY

LOPHOSPERMUM SCANDENS. — Quick growing, graceful climber, excellent for use in hanging baskets, or in a shady situation. Flowers rosy purple.
Per packet 5c

MINA LOBATA. — One of the most beautiful climbing vines. The flowers appear an forklike racemes, rising almost erect out of the dense and luxuriant foliage; are as buds at first bright red, but change through orange yellow to yellowish-white when in full bloom. It is a very rapid growing climber, forming pyramids of over eighteen feet in height, most ornamental in appearance, the leaves being three lobed.
Per packet 10c

Imperial Japanese Morning Glory. — The flowers are of exquisite beauty in form and coloring and of enormous size. The colors vary from pure white to rose, crimson and carmine, through blues and purples to almost black, some being mottled, striped, penciled and bordered in infinite variety and diversity. The foliage also is often prettily variegated.
Per packet 5c

Fancy Frilled Japanese Morning Glories. — This mixture contains a finer and larger collection of colors with larger flowers, more frilled than the ordinary mixture.
Per packet 10c

MORNING GLORY. Mixed. —
Per pound 50c, ounce 10c, packet 5c

Momordica Balsamina. (Balsam Apple.) — Beautiful climbing plant with handsome apple-shaped fruit.
Per packet 5c

Maurandia. — A climber having tube-shaped flowers which last until late in the fall. Ten feet.

Maurandia Barklayana. — Blue. Mixed. —
Per packet 5c

PASSION FLOWER. — Handsome rapid climber, for greenhouse decorations and sunny positions in the open ground in summer.

Passiflora Coerulea. — Slightly fragrant. Light blue.
Per packet 5c

SMILAX. — This is the most useful greenhouse climber known; foliage small, glossy-green, flowers small, white, very fragrant. Eight to ten feet.
Per packet 5c

SCARLET RUNNER. — Height six feet; cultivated for the beauty of its flowers and also as a useful vegetable.
Per packet 5c



MINA LOBATA.

VINES. There is no other class of plants that possesses quite so much grace and poetry as pretty trailing or climbing vines. It has been truly said that they are Nature's drapery. They add beauty and attractiveness to the plainest of dwellings, and should be lavishly trained over windows, porches and porticos, or wherever they will add finish and effect. The work should not be overdone, however, and should not be confined to the house alone. Outhouses, as barns, henneries, etc., may be attractively covered and much that is inartistic concealed.



SUMMER FLOWERING BULBS.

AMARYLLIS. Formosissima.—Each of the five narrow petals is from three to four inches long, and of a very intense, rich scarlet. Each 10c, dozen \$1.00

A. Johnsoni.—Immense trumpet-shaped flowers of rich, deep, velvety crimson, each petal having a broad white stripe, contrasting beautifully with the deep red color. Each 25c & 35c



Tuberous Rooted BEGONIAS

These showy flowers have become very popular and deservedly so. From the time the first flowers expand until frost puts a stop to further blooming, they are literally covered with



SINGLE TUBEROUS ROOTED BEGONIA.

DOUBLE TUBEROUS ROOTED BEGONIA. flowers of the richest colors, more brilliant than the most dazzling geraniums. They want protection from the hot sun.

Single.—White, scarlet, pink, yellow. Ea. 7c, doz. 70c **Double.**—Same colors. Ea. 10c, doz. \$1.00

CALADIUM ESCULENTUM ELEPHANTS' EARS

Enormous leaves. One of the finest sub-tropical plants which can be grown in the open air in the North. It is of easy culture, the chief requisites being a rich soil, and an unlimited supply of water. Very effective for the flower border and for planting out upon the lawn, especially with Cannas or Castor Oil plants.

Each 8c, 10c, and 15c; dozen 80c, \$1.00, and \$1.50

Postage 4c, 6c, and 8c per bulb extra.

CANNAS. These very handsome, tropical-looking plants are unrivaled for effects on the lawn; there large glossy green and red leaves and showy spikes of flowers produce an effect seldom equaled.



CALADIUM ESCULENTUM.

Large Flowering Cannas

- Alphonse Bouvier.**—5 feet. Crimson.
- Austria.**—6 feet. Canary yellow.
- Betsy Ross.**—2½ feet. Beautiful pink
- Burbank.**—5 feet. Orchid-fowered, rich yellow, inner petals spotted crimson.
- Buttercup.**—3½ ft. Buttercup yellow.
- Chas. Henderson.**—4 feet. Crimson.
- Chicago.**—5 ft. Clear deep vermilion.
- David Harum.**—3½ feet. Dark bronze foliage; flowers vermilion-scarlet dotted crimson.
- Egandale.**—4 feet. Purple foliage; color currant red.
- Florence Vaughan.**—4 feet. Golden yellow dotted with carmine.





PRINCEPS FLOWER SPIKE, 2-5 NATURAL SIZE.

produced. It grows from 3½ to 4 feet high, with very broad and handsome foliage, which forms a grand setting for the brilliant Amaryllis-like blooms. The color is rich crimson, with intense shading in the throat and broad white blotches across the lower petals. The flowers measure 5 inches in diameter. Each 15c, doz. \$1.50

New Gladiolus America

The finest pink gladiolus produced to date. Beautiful soft flesh pink, very light, slightly tinged with lavender which gives it the delicate coloring of the most beautiful lælia. Strong erect spike of the largest flowers, set to show to the best advantage.

Each 15c, dozen \$1.50

Angele.—Pure white. Each 10c, doz. \$1.00

May.—Pure white flaked rosy crimson.

Each 4c, dozen 35c

GLADIOLUS MIXTURES.

Prices do not include postage.

Red and Scarlet. —	Doz.	20c,	100	\$1.35
Pink Shades. —	"	25c,	"	\$1.50
Light and White. —Extra.	"	30c,	"	\$2.00
Good Mixed. —	"	15c,	"	\$1.00

HYACINTHUS CANDICANS.

Can be used with excellent effect in the center of a bed of scarlet Gladioli, as it comes into bloom about the same time. The flowers are bell-shaped, pendulous, pure white, and somewhat fragrant. The plant is hardy and grows stronger each year. Very useful along walls, fences and in beds.

Each 5c, dozen 50c



HYACINTHUS CANDICANS.

Cannas. *Italia.*—5 feet. Center brilliant red, outer half clear yellow.

Continued. **King Humbert.**—New Giant.

Massive and handsome bronze foliage. Produces freely spikes with enormous heads of the largest flowers. Color, brilliant rich orange scarlet and crimson striped. 4½ feet. Each 25c, doz. \$2.50

Mad. Crozy.—4 feet. Vermilion bordered gold.

Milwaukee.—3½ feet. Rich dark maroon.

Pres. McKinley.—3 feet. Scarlet, great bloomer.

Queen Charlotte.—4 feet. Rich crimson scarlet, wide gold border.

Sec. Chabanne.—4 ft. Deep salmon shaded orange

All Cannas on this and preceding page except King Humbert: each 10c, dozen \$1.00

CINNAMON VINE.—This charming climber forms a canopy of bright green leaves and delicate small white flowers of most delightful cinnamon odor. Each 5c, dozen 50c

CRINUM KIRKI.—Broad white petals with a deep purple reddish stripe through the center. Fragrant. Mammoth bulbs, each 25c; postage 5c extra

GLADIOLI LARGE FLOWERING

The Gladiolus constitutes one of the finest features of the flower garden during the summer and autumn months. Every desirable color is represented from the most intense scarlet to the purest white.

New Large Gladiolus Princeps.

One of the finest and most handsome varieties yet produced. It grows from 3½ to 4 feet high, with very broad and handsome foliage, which forms a grand setting for the brilliant Amaryllis-like blooms. The color is rich crimson, with intense shading in the throat and broad white blotches across the lower petals. The flowers measure 5 inches in diameter. Each 15c, doz. \$1.50



GLOXINIAS. New Giant Flowering Hybrids.

Beautiful house plants of dwarf habit and easy culture. Flowers are trumpet-shaped with beautiful markings.

Defiance.—Rich crimson-scarlet.

Emperor Frederick.—Red with white border.

Emperor William.—Violet-blue, white throat, beautifully streaked and spotted.

Mont Blanc.—Pure white. Ea. 10c, doz. \$1.00

HARDY LILIES

Too much cannot be said in praise of the Lily, with eminent propriety styled the "Queen of Flowers". No flower is more expressive of queenly beauty and faultless purity than the Lily. They thrive best in a dry, well drained, rich soil. All Lilies offered below are hardy enough to stand the winter outdoors. It is well, however, to protect them with litter or straw.

ALL OUR LILY BULBS ARE FIRST SIZE.

THE THREE QUEENS

Auratum, Album and Rubrum. No flower garden is complete without these three grand lilies. Their ease of culture, hardiness and freedom of bloom commend them to every flower lover.

AURATUM.—The Gold Banded Lily of Japan.

This peerless variety is without question the grandest of all the Lily family. The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. Flowers measure from 7 to 10 inches across, produced abundantly; deliciously fragrant. Each 15c, dozen \$1.50

SPECIOSUM ALBUM.—Pure white, with beautiful recurved petals, very fragrant. They are graceful, free-blooming, perfectly hardy, and will grow and flower without special treatment. Each 15c, dozen \$1.50

SPECIOSUM RUBRUM.—Crimson Banded. The magnificent flowers are white, with a deep rosy or crimson band on each petal, with deeper colored spots between. They are five to six inches in diameter, very fragrant, and have all the hardiness of the Speciosum class. Each 15c, dozen \$1.50

SPECIOSUM MELPOMENE.—A most beautiful variety. Flowers frosted white, spotted, clouded and bearded with pinkish crimson. Petals deeply recurved and widely bordered. Each 15c, dozen \$1.50

IF ABOVE LILIES ARE WANTED BY MAIL ADD 3 CENTS A BULB.

Canadense, Meadow Lily.—This pretty Lily is one of our hardy native sorts, and bears a graceful stem of drooping, bell-shaped, yellow flowers. Each 10c, dozen \$1.00

and red flowers.

Tenuifolium, Siberian Lily.—One of the very hardest Lilies; flowers vivid scarlet, with petals reflexed; very showy and free flowering, blooming early in the spring. Each 15c, dozen \$1.50

Tigrinum, Tiger Lily.—Very hardy native lily; orange-red, spotted with purplish-black. Each 8c, dozen 75c

LILY OF THE VALLEY.—No garden is complete without a few clumps of these fragrant flowers, which are such universal favorites as to need no description. Glossy foliage and spikes of graceful white bells of delicious fragrance.

Large clumps, each 25c, dozen \$2.50, by express or freight.

MADEIRA VINE.—A rapid growing graceful vine, with smooth, waxy, dark green leaves and dainty racemes of tiny, fragrant, white flowers. Ea. 5c, doz. 50c

TUBEROSE. Double Dwarf Pearl.—Pure white, perfectly double, delightfully fragrant; invaluable for bouquets. Each 5c, dozen 40c

Japanese Fern Ball.—The Ball is composed of Japanese Island Fern Roots and Sphagnum Moss, and so constructed as to send out leaves of beautiful emerald green from every point. They grow rapidly, and make a handsome ornament for the home, conservatory or greenhouse. Place ball in water until thoroughly wet and then suspend in any desired position; repeat every two days until growth is started, after which sprinkle occasionally as required. Dormant, each 50c



TUBEROSE, DOUBLE DWARF PEARL.

Dutch or Holland Bulbs for Fall Planting.—Our importations of Dutch Bulbs have been made from some of the principal growers in Holland for a number of years past with the most satisfactory results. Fine heavy bulbs, producing beautiful blooms, all true to name and color.

SEND FOR FALL CATALOG.

READY SEPTEMBER 1st.

DAHLIAS

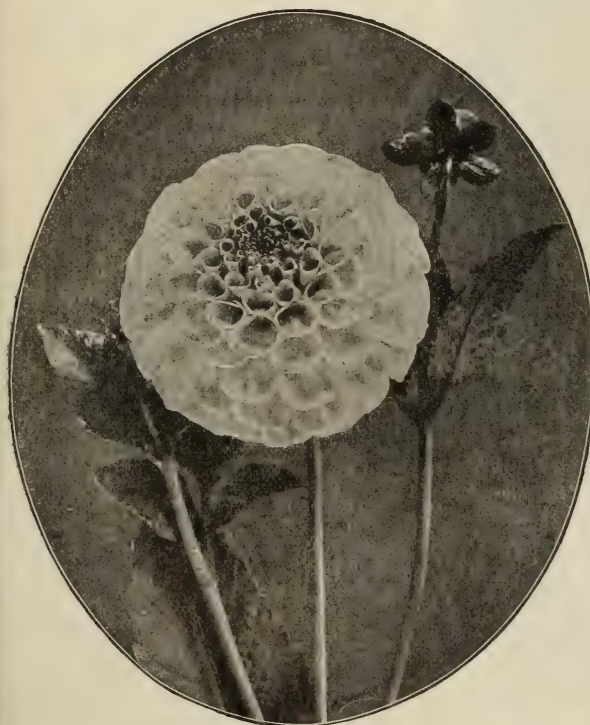
After some years of comparative neglect, the Dahlia is steadily regaining its old-time popularity. This is not strange when we consider how many new varieties have been introduced, and how large a list of desirable kinds we now offer. Wonderful advances have been made in variety and size of flowers, keeping qualities, and strength of stem. Their brilliant colorings and wonderful variety make them effective as garden plants or for cut.

The varieties which offered below have been selected for their free and continuous flowering qualities, purity of color and perfection of form. Our collection is constantly being enlarged by the addition of meritorious novelties.

WE SEND OUT ONLY STRONG ROOTS.

CULTURE OF DAHLIAS

We give here a few suggestions in regard to the culture of Dahlias. They delight in and require an open, sunny situation and a sandy soil. The tubers should be planted 4 inches deep from the top of the crown and 3 feet apart. The best time for planting in this section is from May 15 to June 15. After the young plants have grown about 6 inches, the center bud should be pinched to make the plant branch freely. When the plant has grown a foot or so, an abundant quantity of cow manure should be heaped around the all imperfect buds as soon as they appear.



TYPE OF SHOW DAHLIA

plant, and this should be constantly watered. Remove

SHOW DAHLIAS. Perfectly double, with quilled, cupped and incurved petals.

A. D. Livoni.—Beautiful soft pink, with quilled petals, full to the center; early and profuse bloomer.

Bon Ton.—Deep garnet.

John Walker.—Fine pure white.

Mary D. Hallock.—A fine yellow quilled variety.

Ruby Queen.—Ruby red, richly shaded; fine, large flowers on long stems; profuse bloomer.

Above varieties, each 15c, dozen \$1.50

Double Dahlias to Color. Red, Pink, Yellow, White, Purple.

Strong field roots, each 10c, dozen \$1.00

Extra heavy clumps, each 15c, dozen \$1.50

Send orders early, to assure complete selection.

**DECORATIVE DAHLIAS.**

These are the large flowering Dahlias with loose, open outline. They differ from the true Cactus type in having broader, heavier petals. They are especially valuable for decorative work, as they are strong, vigorous growers and can be cut on long stems.

Catherine Duer.—Flowers of immense size, measuring seven inches in diameter; opens out flat, and shows no center. Color the most beautiful glowing red.

Clifford W. Bruton.—The best yellow; very large, of perfect form and of fine canary-yellow color. A tall, vigorous grower and extremely free bloomer.

DELICE.—New. The finest pink-colored Decorative Dahlia, excellent in form, perfect in type, superb yet delicate in coloring it must appeal at once to every lover of flowers. Color bright pink suffused with a lavender-pink. Each 50c

FIRE RAIN.—In this variety we have not only the rich cardinal-red color which made Lyndhurst so desirable, but a plant that produces masses of bloom early and continues throughout the season.

JACK ROSE.—The color is that of the universal favorite the "Jack" Rose (General Jacqueminot), from which it derives its name. That rich velvety crimson that appeals so strongly to everyone. In form it is that of an open rose, but always well filled in the center. Size of bloom from 5 to 6 inches; height of stem for each individual bloom 2 feet and over. The ideal Dahlia for cut. Each 50c



PEONY DAHLIA, QUEEN EMMA

surrounding a conspicuous yellow disc. The petals are curiously curved, giving the flower the form of a semi-double peony. We predict a glorious future for this new type.

Queen Emma.—A magnificent sort, of a charming shade of mallow or Hollyhock pink, the inner petals banded with gold. Each 25c, dozen \$2.50

CACTUS DAHLIAS.

The petals of this class are very long, pointed and beautifully twisted. This type is at present most popular.

Countess of Lonsdale.—The most profuse bloomer among the Cactus varieties, and one of the very best. Beautiful salmon-pink; very large.

Floradora.—Beautiful, glistening scarlet-crimson; true cactus form, with fine pointed petals.

KRIEMHILDE.—Color fresh delicate pink, shading to white in center; perfect form, profuse bloomer. Stem is strong, holding flower up stiff, making it especially fine for cutting. Each 20c, doz. \$2.00

ROLAND VON BERLIN.—A magnificent brilliant Dahlia of large size, almost globular in form, made up of long, narrow petals. In color it is of an intense geranium-red, with deeper shadings, and full of fire. Each 25c, dozen \$2.50

SCHWAN.—Absolutely the largest and most perfect, and besides the only free blooming pure white Cactus Dahlia in existence. The giant flowers are glistening white and by their narrow, twisted petals have an elegance which has not been approached by any other variety. Each 25c, dozen \$2.50

Strahlenkrone.—Intense cardinal red, rich and glowing, with long, twisted petals; early and profuse.

Winsome.—Fine pure white Cactus; beautiful form, with twisted, incurved petals; long erect stems.

PRICE: Any of above Cactus, except when otherwise noted, strong field roots, each 15c, dozen \$1.50

Nymphaea.—One of the most delicately beautiful Dahlias ever introduced. Medium to large size, always full to the center resembling the ideal pink water-lily. The color is a clear distinct light shrimp-pink tinted lighter toward the center.

Perle d'Or.—(Perle du Parc de la Tete d'Or.) The grandest pure white Decorative Dahlia. It is very large and free blooming.

SOUVENIR DE GUSTAVE DOAZON.—The largest Dahlia up to date; simply a monster, but still it impresses one with grace, beauty and elegance, and never fails to make friends. Color a rich scarlet.

SYLVIA.—The fine, shapely flowers, 5 inches across, are set on very long stems. Of fine form and full to the center, which is white shading to soft pink on the rim.

PRICE: Any of the above, except where noted, each 15c, dozen \$1.50

PEONY DAHLIAS

This new class of Dahlias has created a sensation at European flower shows, and was awarded high honors in England, France, Germany and Holland. The extra long, wiry stems are crowned with flowers composed of several rows of petals



CACTUS DAHLIA, KRIEM HILDE



DECORATIVE DAHLIA, NYMPHAEA

SINGLE DAHLIAS

Gold Standard.—Pure deep yellow, of large size; fine form and texture. The flowers are borne on long, graceful stems, in the greatest profusion; a strong, vigorous grower, and an early and continuous bloomer.

John Downie.—Intense, glowing crimson-scarlet.

Snow Queen.—Best pure white.

Wildfire.—Clearest scarlet; very large and long-stemmed.

Any of above Single Dahlias, strong field roots, each 15c, dozen \$1.50

One each above 4 varieties for 50c

Twentieth Century Dahlia

The most wonderful Dahlia ever introduced. It is impossible to correctly describe this exquisite variety. It must be seen that one may fully appreciate its marvelous beauty. The flowers are very large, 6 inches in diameter. The color is intense rosy crimson, with white tips and a white disk around the yellow center. As the season advances, the dark-colored zone becomes lighter and the color contrasts exquisitely lovely, and can be compared with no other flower than the beautiful orchid. The color of the Twentieth Century Dahlia does not fade, like that of many other flowers, but it is a case where each succeeding flower opens lighter and lighter as the season advances. Every week we really have a new flower.

Strong field roots, each 25c, dozen \$2.50

COLLARETTE DAHLIA, PRESIDENT VIGER

Rich, deep blood-red, shading darker towards the base of the petals, with pure white collar occasionally suffused with rosy carmine. The flow-



TWENTIETH CENTURY DAHLIAS

ers are always perfect, with eight petals, and it is an extremely early and profuse bloomer.

Strong field roots, each 20c, dozen \$2.00

POMPON DAHLIAS

Pompon Dahlias are especially valuable for bouquets.

Allie Mourey.—A very pretty Pompon, of fine form and good habit; pinkish white tipped deep pink; small, compact flower.

Catherine.—The best pure yellow of fine form, full to the center, and borne on long stems.

Little Helen.—Extremely profuse strong grower; white, suffused bluish.

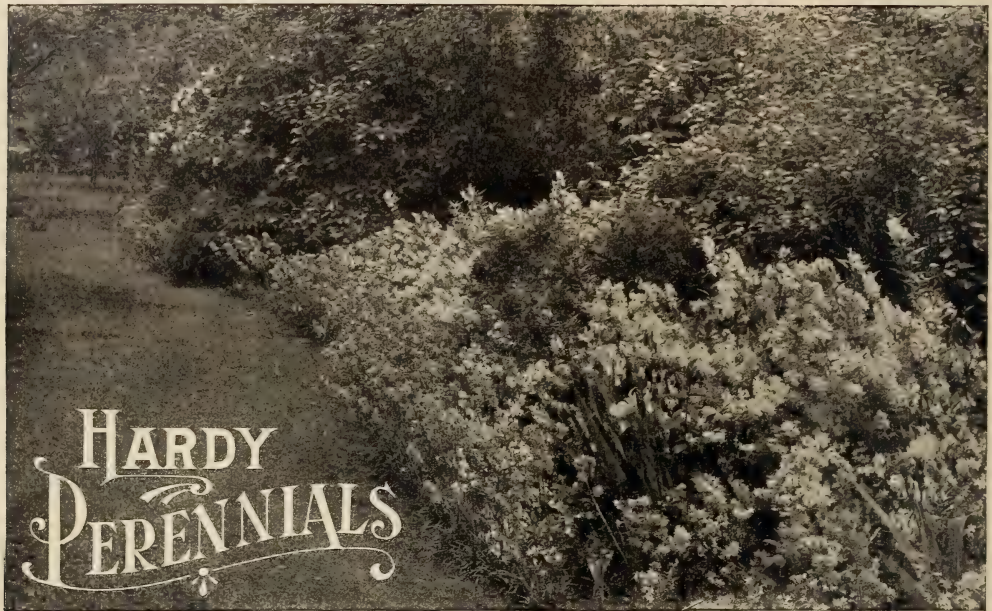
Sunshine.—Brilliant scarlet; of fine form, with full centers and long stems; largely used for cutting.

Strong field roots, each 15c, dozen \$1.50

One each above 4 sorts for 50c



TYPE OF POMPON DAHLIAS



HARDY PERENNIALS

Nothing for the cost adds so much cheer to the home grounds, rendering them attractive and interesting throughout the growing season, as Hardy Perennial Plants. There is not a time during the whole flower season in which some hardy perennial is not in bloom, and a good selection of these plants will make the garden a source of unflagging interest.

A well-planned and well-planted garden of hardy plants begins its season with earliest spring, and almost every day something new comes into bloom, furnishing a constant variation so different from the monotony of formal beds. The hardy garden is never tiresome; its past is a pleasant memory, its future a delightful anticipation. Nothing is finer for borders, along fences or walls, and at the boundaries of the lawn. Planted at the front of shrubby groups they give a brilliant display, and they are valuable in innumerable places that will suggest themselves.

They require the least possible care and attention, as when planted in well-enriched soil they live for years, annually increasing in size of plant and wealth of bloom. They need only a little stirring of the soil now and then during the early spring and summer months, with a fair mulching of coarse manure after the ground is frozen in the fall.

Blooming Periods of Perennials

6 PERENNIALS THAT BLOOM IN APRIL

- Candytuft (*Sempervirens*)
- Daisy (*Bellis*)
- Moss Pink (*Phlox Subulata*)
- English Primrose (*Vulgaris*)
- Sweet Violet (*Viola Odorata*)
- Bulbs

10 PERENNIALS THAT BLOOM IN MAY

- Aquilegia* (*Columbine*)
- Bleeding Heart
- Daisy (*Bellis*)
- Dianthus Plumarius* (Pink)
- Iris, German
- Lemon Lily (*Hemerocallis*)
- Lily of the Valley
- Moss Pink
- Myosotis* (*Forget-me-not*)
- Peony Officinalis*

10 PERENNIALS THAT BLOOM IN JUNE

- Achillea* (*The Pearl*)
- Canterbury Bell

- Coreopsis Lanceolata*
- Foxglove (*Digitalis*)
- Gaillardia Grandiflora*
- Iris, Japan
- Larkspur
- Peonies
- Poppy, Oriental
- Sweet William

9 PERENNIALS THAT BLOOM IN JULY

- Bocconia Cordata*
- Boltonia
- Helianthus Multiflorus*
- Hollyhock
- Monarda Didyma*
- Phlox, Hardy
- Platycodon Mariesii*
- Rudbeckia Golden Glow*
- Yucca Filamentosa*

9 PERENNIALS THAT BLOOM IN AUGUST

- Gypsophila*
- Helianthus Golden Glow*
- Helianthus Multiflorus*

- Hibiscus
- Lychnis Chalcedonica*
- Monarda Didyma*
- Phlox, Hardy
- Rudbeckia Purpurea*
- Stokesia Cyanea*

10 PERENNIALS THAT BLOOM IN SEPTEMBER

- Anemone Japonica*
- Funkia Subcordata*
- Helianthus Maximiliana*
- Lathyrus Latifolius*
- Lobelia Cardinalis*
- Phlox
- Pyrethrum Ulginosum*
- Rudbeckia Purpurea*
- Tritoma
- Veronica Longifolia* Subsess.

4 PERENNIALS THAT BLOOM IN OCTOBER

- Anemone Japonica*
- Helianthus Maximiliana*
- Pompon Chrysanthemum
- Tritoma



CAMPANULA



JAPAN IRIS



GERMAN IRIS



HARDY PHLOX



ORIENTAL POPPY



PEONY OFFICINALIS RUBRA



SCABIOSA CAUCASICA



STOKESIA CYANEA

HARDY PERENNIALS

Price of all Hardy Perennials, except where noted, is as follows: Extra Strong Plants, each 15c, dozen \$1.50 by express or freight, at buyer's expense.

Achillea, The Pearl.—Pure white, double flowers in great profusion; 2 ft.; blooms all summer. Each 10c, doz. \$1.00

ANEMONES. 2 to 3 feet. Bloom from August to November.

Queen Charlotte.—Semi-double pink; very popular.

Whirlwind.—Pure white, semi-double; one of the prettiest.

Aquilegia.—Rocky Mountain Columbine.

Each 10c, dozen \$1.00

Bellis.—Double Daisy. White, pink and red.

Each 5c, dozen 50c

Bocconia Cordata.—Creamy white terminal panicles.

Campanula.—Canterbury Bell.

Ea. 10c, doz. \$1.00

Carnation.—Double.

Ea. 5c, doz. 50c

Coreopsis Lanceolata.—Bright golden yellow.

Daisy, Shasta.—Large, pure white flowers; perfectly hardy.

Delphinium. Hardy Larkspur. The long spikes of flowers are produced continuously until late in fall.

Formosum.—Large deep blue with white eye.

Chinense.—A very pretty variety, with fine feathery foliage and intense gentian-blue flowers in open panicles.

Dianthus Barbatus.—Sweet William. Ea. 5c, doz. 50c

Dianthus Plumarius.—Pheasant's Eye Pink.

Each 5c, dozen 50c.

Dielytra.—Bleeding Heart.

Each 10c, dozen \$1.00



GAILLARDIA GR.

Mentha Piperita.—Peppermint. Each 10c, dozen \$1.00

Monarda Didyma.—Pretty plants, producing bright scarlet flowers.

Myosotis.—Forget-me-not.



AQUILEGIA.

Digitalis.—(Foxglove) A wealth of bloom in June and July.

EULALIA JAPONICA VAR.—Ornamental grass striped lengthwise green and white

E. JAPONICA ZEBRINA.—

COREOPSIS LANC.

Broad yellow bands across the leaf.

FERNs.—Hardy wood ferns.

Each 5c to 20c, dozen 50c to \$2.00

Funkia Subcordata.—Plantain Lily. Pure white, lily-shaped, fragrant flowers; broad, massive foliage.

GAILLARDIA GRANDIFLORA.—Showy and effective; continue one mass of bloom all summer. Center dark reddish-brown, petals marked with rings of brilliant scarlet-crimson, orange and vermilion.

Gypsophila Paniculata.—Baby's Breath. Minute, pure white flowers of beautiful gauze-like appearance. August-September

Helianthus Multiflorus.—Double yellow sunflower.

H. Maximilliana.—Graceful, single-flowered, yellow variety.

HEMEROCALLIS FLAVA. Yellow Day Lily. 3 feet; fragrant.

Each 10c, dozen \$1.00

Hesperis Matronalis.—Showy spikes of pinkish flowers during June and July.

Each 10c, dozen \$1.00

Hibiscus "Crimson Eye."—Flowers of immense size; pure white with a large spot of deep velvety crimson in the center.

Hollyhocks.—Few hardy plants combine as many good qualities as the Hollyhock. For planting in rows or groups on

the lawn, or for interspersing among shrubbery they are invaluable.

Double White, Pink, Salmon, Yellow, Maroon, Bright Red. Ea. 20c, doz. \$2.00

Heuchera Sanguinea.—Graceful spikes of bright coral-red flowers; fine for cutting.

Iberis Sempervirens.—Hardy Candytuft. Flat heads of pure white flowers.

Lobelia Cardinalis.—Rich fiery cardinal flowers.

Lychnis Chalcedonica.—Large heads, vermilion-scarlet flowers. Ea. 10c, doz. \$1.00

Lysimachia Nummularia.—Money-wort. Creeper.

Each 10c, dozen \$1.00

Mertensia.—Bluebells.

Each 5c, dozen 60c

GERMAN IRIS. (*Iris Germanica*).—From the "Blue Flag" of the old-time gardens there has been evolved a class of flowers which for range of color and delicacy of construction outrivals the most beautiful orchid. They include the richest yellows, softest blues and mauves, intense purples and claret reds, beautiful bronzes, and pure whites, in every conceivable combination. Nearly all have the iridescence of the rainbow, from which they are named. Our collection of these Irises is most complete. Barely cover the rhizomes, and avoid fresh manure when planting. They should be divided and replanted every fourth year. In the descriptions, S indicates the erect petals or standards, F the drooping petals or falls.

Celeste.—30 inches. Pale azure blue.

Donna Maria.—26 inches. S white, F white tinged lilac.

Florentina Alba.—26 inches. S and F pearly white; very large and fragrant.

La Tendre.—S light lavender, F bluish purple.

Madame Chereau.—42 inches. S and F white, elegantly frilled with violet. Slightly fragrant.

Sans Souci.—28 inches. S golden yellow, F crimson-brown. The brightest yellow we have.

Shakespeare.—26 inches. S bronzy yellow, F maroon reticulated yellow.

Spectabile.—S and F deep purple, early and free.

Pallida Dalmatica.—4 feet. S fine lavender, F clear deep lavender. Flowers very large, extra fine, a superb variety for planting in masses, and for cut flowers.

Pallida Speciosa.—42 inches. S dark lavender, shaded lighter, F shaded light purple.

Swerti.—(*Plicata*). White, frilled blue, petaloid stigmas lilac.

Ulysses.—S bright yellow, F yellow veined white.

PRICE: Any of above German Iris, each 15c, dozen \$1.50, 100 \$10.00

JAPAN IRIS. (*Iris Kaempferi*).—With a great blaze of splendor the Japan Iris, the crowning glory of all, with its great blooms measuring nearly a foot in diameter, rising on tall stems to the height of five feet, brings the Iris season to a close. Seeing them for the first time, one cannot withhold an exclamation of surprise and wonder, and having once seen, can never forget their striking beauty. The secret of success is to keep the ground well stirred, never allowing it to bake or become hard. Any mellow loam will grow them to perfection if well enriched. They like plenty of moisture in summer, but is not a necessity, as many suppose, and water standing over the plants in winter is fatal to them. Our collection includes fifty named varieties. Each 25c, dozen \$2.50

PEONIES. Double Red, Pink, White.—Large clumps, each 25c, dozen \$2.50. Extra large, each 35c, 3 for \$1.00 For named Peonies see page 83.

Pentstemon.—(Beard Tongue). Most useful perennials, either for the border or rockery.

HARDY PHLOX. The Phloxes are, next to the peonies and iris, the most useful hardy plants we have, and for late summer and autumn blooming they are indispensable. Their wide range of intensely brilliant colors include almost every shade but yellow. The immense size and perfect form of the new varieties will be a revelation to those who have heretofore seen only the old fashioned kinds. Planted in large masses for bold color effects in landscaping they have no equal, at their season of bloom. They are also very useful for planting among beds of earlier blooming plants, such as poppies, peonies, etc., since they will endure the crowding of these plants in the early part of the season, and later send up their tall spikes of bloom, continuing the color effect after the spring flowers have gone.

Coquelicot.—Brilliant, fiery orange-scarlet, violet-blue eye, with crimson halo. Ea. 20c, doz. \$2.00

Jeanne d' Arc.—A late flowering pure white.

Lothair.—Salmon-red with dark carmine eye, tall strong grower.

Miss Lingard.—White, faint lilac eye, a grand free flowering variety.

Pantheon.—Bright carmine-rose. A fine effective variety.

Professor Schlieman.—Pure mauve with crimson-carmine eye; an effective late-flowering variety.

Phlox Subulata.—(Moss Pink). An early spring-flowering type, with pretty moss-like evergreen foliage, which, during the flowering season, is hidden under the masses of bloom. An excellent plant for the rockery, the border, and invaluable for carpeting the ground or covering graves.

PHYSOSTEGIA—(False Dragon-Head). One of the most beautiful of our midsummer-flowering perennials; spikes of delicate tubular flowers not unlike a gigantic heather. **Virginica**, bright soft pink.

Platycodon Mariesi.—Deep blue, bell-shaped flowers, nearly 3 inches across, produced continuously.

ORIENTAL POPPY.—For a gorgeous display of rich, brilliant coloring, nothing can equal the Oriental Poppies during their period of flowering in May and June, and whether planted singly or in masses, their large, fiery scarlet flowers render them conspicuous anywhere. Each 20c, doz. \$2.00

Primula Auricula.—(Primrose). Grown from seed of one of the finest European collections. Ea. 10c

Pyrethrum Ulginosum.—Large white, daisy-like flowers.

Rudbeckia Golden Glow.—Masses of double, golden-yellow, Cactus Dahlia-like flowers. Each 10c

Rudbeckia Purpurea.—(Purple Cone Flower). Large reddish purple flower; compact, brown center.

Scabiosa Caucasia.—Fine for cutting. Flowers soft, charming shade of lilac-blue. June to Sept.

Tritoma Pfitzerii.—Blooms 12 inches long, rich orange-scarlet, shading to salmon-rose at edges.

Valeriana Officinalis.—(Heliotrope). Showy rose-pink heads of flowers, strong heliotrope odor.

Veronica Spicata.—Pretty species with blue flowers produced on spikes a foot long.

Violet.—Large, deep purple flowers; very fragrant.

Yucca Filamentosa.—Large, fragrant, drooping, creamy-white flowers. 4 yr. old, ea. 35c, 3 for \$1.00

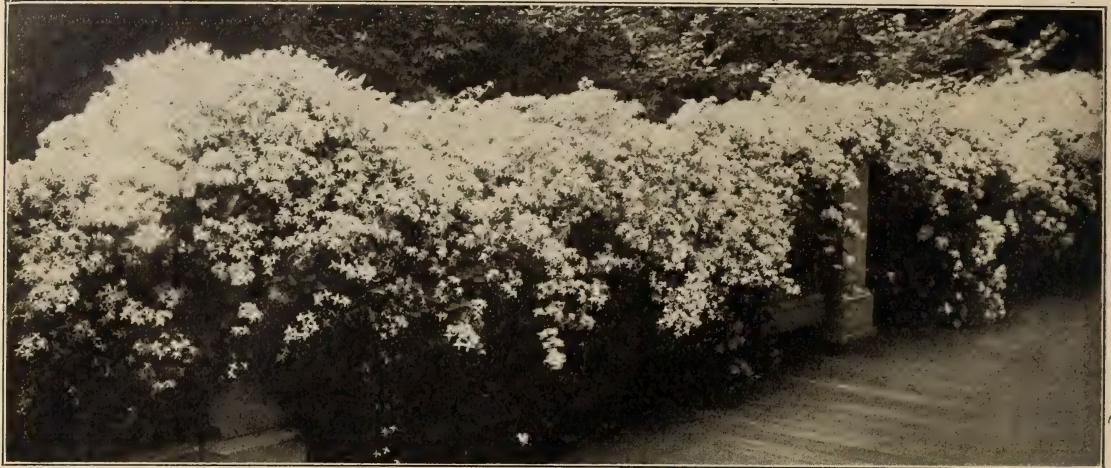


TEN PEONIES YOU SHOULD GROW!

There are nearly two thousand varieties of Peonies in cultivation, hundreds of which are so nearly alike as to be practically identical. Many others are inferior or worthless. Some varieties, while they excel in some one point, as for instance color, may be lacking in others equally important. They may be shy bloomers, or have such weak stems that they flop over hopelessly from their own weight. Others, though free-flowering, may be imperfect in form, lacking in fragrance, or of poor lasting qualities, both on the plant and as cut blooms. Probably the list could be profitably reduced to a hundred sorts. And this number is far too large and confusing to select from unless one be a peony specialist. We have carefully gone over a list of 100 of the best sorts and have selected therefrom the ten choicest and best, (embracing the different colors) keeping in mind size, perfection of form, fragrance, vigor of bloom, lasting quality, and purity of color.

	Each	Doz.
Duchess de Nemour (Calot). Guard petals white; center sulphur-white with greenish reflex. Exquisitely chaste in half-open state; free, perfect bloomer; delicately fragrant..	35	4 00
Eugene Verdier . The most exquisite, chaste and refined Peony of the whole family. Enormous size, globular and literally packed with petals; color, blush, delicately shading to pink toward the center; long, thick stems; profuse bloomer; deliciously fragrant...	1 00	10 00
Festiva Maxima . The finest white in existence; combines enormous size with wondrous beauty. Snow-white, with a few center petals flecked with blood-red at the tips.....	50	5 00
L'Eclatante . Bright carmine; very beautiful.....	35	3 50
L'Esperance . Lovely rose-pink; large, fine form, delightfully fragrant; one of the earliest	35	3 50
Marie Lemoine . Enormous, massive, solid, ivory-white, on stout stems; the best late white	75	7 50
Meissonier . Guard petals brilliant purple amaranth; center deep crimson; fine dark sort	35	3 50
Monsieur Charles Leveque . Beautiful soft rose, shading to salmon pink in the center....	50	5 00
Monsieur Jules Elie . Immense globular, very full, double, imbricated bloom on heavy stems; color an ideal glossy flesh-pink, shading to deeper rose at the base and the entire blooms covered with a silvery reflex. Free bloomer, very fragrant; one of the most perfect flowers imaginable; will make a peony enthusiast of anyone.....	1 25	12 50
Officialis Rubra . The old-fashioned early deep crimson of our grandmothers' gardens, and still one of the best and most striking for landscape use. Large, globular blossom	25	2 50

One each of the above ten varieties, strong roots, for \$5 00



Hardy Ornamental Climbing Vines

There is no other class of plants that possesses quite so much grace and poetry as pretty trailing or climbing vines. It has been truly said that they are Nature's drapery. They add beauty and attractiveness to the plainest of dwellings, tone down the stiff, bold angles of new buildings, and should be lavishly trained over windows, porches and porticos, or wherever they will add finish and effect. Outhouses, as barns, henneries, etc., may be attractively covered and much that is inartistic concealed. They are nearly all strong, robust growers that require little attention other than to occasionally train them.

Ampelopsis Veitchii. Boston Ivy.—Very attractive climbing vine with glossy ivy leaves, closely overlapping. The tendrils cling firmly to the smoothest surface. In autumn the leaves assume the most beautiful tints of scarlet and crimson. 3 year old, each 35c, dozen \$3.50, 100 \$22.50

AMPELOPSIS QUINQUEFOLIA.—Virginia Creeper. Splendid for covering trees, arbors and trellises. The large deep green foliage assumes brilliant shades of yellow, crimson and scarlet in fall.

3 year old, each 25c, dozen \$2.50

ARISTOLOCHIA SIPHO.—Dutchman's Pipe. A strong, rapid growing, tropical-looking vine with handsome light green leaves, 8 to 12 inches across. It will give a quick dense shade. The corolla of the brown flowers is shaped like the bowl of a pipe. Large vines, 6 to 8 feet, each 50c, dozen \$5.00

BIGNONIA.—Trumpet Vine. These are familiar, strong-growing vines, with deep, rich green foliage and large, trumpet-shaped, orange-scarlet flowers in early summer. 3 year, each 35c, doz. \$3.50

Large Flowering Clematis. The most beautiful class of flowering climbers. For covering verandas, pillars, trellises, etc. there is nothing to compare with the Clematis in splendor of bloom. Plant in good garden soil, dug very deeply, placing the crown $\frac{1}{2}$ inches below the surface. Apply well-rotted manure in post holes bored 12 inches away from the plant in opposite directions. The roots reach out to these holes, which may be watered freely, and better success is obtained than by applying the manure directly to the base of the plants.

Henryi.—Flowers always eight-sepaled, very large, pure white.

Jackmani.—Rich, deep velvety purple. Blooms with astonishing profusion.

Strong 2 year old roots, each 50c, dozen \$5.00. Extra strong 3 year old roots, each 75c, dozen \$7.50

Clematis Paniculata.—This is by far the best of all the Clematis of the small flowering class. Of very rapid growth, with small, dense, glossy green foliage. The flowers are pure white, borne in immense sheets, almost completely hiding the foliage, and of a most delicious fragrance. Flowers in September. 2 year, each 25c, dozen \$2.50; 3 year, each 35c, doz. \$3.50; 4 year, each 50c, doz. \$5.00

GARDENING
BY
CHILDREN

No occupation is as healthy, innocent or instructive to a child as a practical study of nature. No matter how small the space of ground the pleasure to a child of cultivating a little garden will always develop ambition, and the pleasure of observing the growth from the day the seed sprouts until the plants attain perfection is in itself a lesson which both young and old can appreciate. The good, wholesome benefit derived by the children must necessarily cultivate the mind, while at the same time amuse.

Heads of Institutions and School Managers would do well to cultivate in the minds of the children under their charge a love of nature and the beautiful.

Annual flowers such as Balsam, Mignonette, Four O'Clocks, China Pinks and Phlox are all easily raised and afford a showy display at small cost and little labor.

In Vegetable Seeds our selection is unexcelled.



CLEMATIS HENRYI



CLIMBING ROSE, DOROTHY PERKINS

CLEMATIS COCCINEA.—Bell-shaped flowers of a bright coral-red color. 2-year-old plants, each 25c, doz. \$2.50

HONEYSUCKLE. Scarlet Trumpet.—Produces



MATRIMONY VINE.

scarlet inodorous flowers all summer; rapid grower. 2yr old plants, ea. 35c, doz. \$3.50

Halleana.—Flowers yellowish white freely produced; fragrant. 2-year old plants, ea. 25c, doz. \$2.50



CLEMATIS COCCINEA.

Kudzu Vine or Jack-and-the-Bean-Stalk.—This is the most rapid climber, attaining after once established a height of 50 feet or more in a season. Large foliage, clusters of Wistaria-like blossoms. Each 35c

Matrimony Vine.—Well-known, hardy, rapid climber; covered with scarlet fruit in autumn.

Extra heavy 2-year-old vines, each 35c

CHINESE WISTARIA.—One of the best of all hardy climbers. It grows rapidly and presents a magnificent appearance with its pendulous clusters of pale blue.

2-year-old vines, each 50c

Vitis—Grape. V. heterophylla variegata.—The delicate markings and beautiful form of the variegated leaved Grape endears it to all plant lovers. The foliage is deeply cut and is very decorative. Has highly attractive berries.

3 year old, each 35c, dozen \$3.50

HARDY CLIMBING ROSES

Crimson Rambler.—Unquestionably one of the finest roses in existence. A vigorous grower making shoots 10 to 15 feet in a single season, and when in bloom commands admiration by the gorgeous display of its brilliant crimson blossoms, produced in clusters in marvelous abundance. May be grown on verandas, pillars, fences and walls, or it can be grown in bush form and thus becomes a most striking object.

Extra Select, with canes 3½ to 4 feet, each 35c, doz. \$3.50

Select, 2 to 3 ft., each 25c, doz. \$2.50

Yellow Rambler.—Flowers in clusters of 6—10. Yellow in the bud, but nearly white when fully open.

Dorothy Perkins.—In foliage and habit of growth it is remarkably like Crimson Rambler; the flowers are very double, of good size and are borne in clusters of ten to twenty, the clusters being borne in racemes of three to five, thus often making a group containing fifty to sixty blossoms upon a single stem. The petals are very prettily rolled back and crinkled. The color is a clear shell pink and holds a long time without fading; very sweetly scented.

2-year-old plants, each 35c, dozen \$3.50

Prairie Queen.—Bright rosy red, large flowers. A favorite with everyone.

2-year-old plants, each 25c, dozen \$2.50

Tausendschoen.—Raised by several crossings between the well-known Crimson Rambler, Tea and Polyantha Roses. This beautiful novelty surpasses all other climbing roses of this section, both in growth of foliage and beauty of blooms. The flowers appear in large clusters from the beginning of June till the end of July. Each individual flower measures about 2 inches across and is of a beautiful soft pink, same color as Clothilde Soupert; later on changes into rose-carmine. The plant is of strong, vigorous growth, absolutely hardy, and a most excellent variety to plant wherever a strong climber is desired. Very agreeable, as it is nearly thornless.

2-year-old plants, each 35c, dozen \$3.50

MEMORIAL OR EVERGREEN ROSES.—(Rosa Wichuraiana). The type of this group of roses, Rosa Wichuraiana, is of Japanese origin, and flowers during June and July. They are of a trailing habit of growth, very hardy, and are recommended for covering graves, hence one of its names Memorial Rose, climbing over walls, arbors, stumps of trees or for trailing over rocks or rough ground. The foliage is of a leathery texture, of a beautiful shining green, proof against all insects, and is retained on the plants almost the entire winter.

2-year-old plants, each 25c, dozen \$2.50

HARDY GARDEN ROSES

The beauty of the Rose is so widely appreciated that the popularity it now enjoys is annually increasing. In old-fashioned gardens, in borders, along garden walks, or on arbors, the sweet perfume of blooming Roses is a source of constant delight to all who grow them.

The varieties listed below are offered with a view of supplying a collection which combines as varied a range of color as can be brought together in a limited number of sorts. Many kinds have been omitted, not because they are of no value, but that the sorts listed are superior in size, hardiness, vigor, productiveness, or some other characteristic necessary to make a good garden rose.



AMERICAN BEAUTY

The plants we offer are extra heavy 2-year-old stock, which will under ordinary conditions give a full crop of flowers the first season.

Planting.—Roses planted in the spring should be set out early, in a rich clay-loam, and firmly pressed in with the foot.

Pruning.—When setting out hardy Roses, cut them back $\frac{1}{2}$ to $\frac{3}{4}$ and remove all feeble growth. The result will be strong plants and large flowers.

American Beauty.—The flowers are very large, very double and of beautiful form; color rich deep rose. The fragrance is delightful; a continuous bloomer.

Baroness Rothschild.—A magnificent rose; color is a rich satiny pink.

Frau Carl Druschki.—The grandest white hardy rose introduced for years. Produces very freely flowers of exceptionally large size, very full and double and of a pure snow white. It forms a beautiful long shaped bud.

General Jacquemont.—Rich velvety crimson, changing to scarlet crimson.

Gruss an Teplitz.—The reddest of all red roses; it is of the richest scarlet imaginable, shading to velvety crimson as the flowers mature; very fragrant, a most profuse bloomer; the foliage is extremely beautiful, all the younger growth being of bronzy plum color.

KILLARNY New Hardy Everblooming Irish Rose.

A beautiful new Irish Rose, certain to become a general favorite. It is perfectly hardy, a strong and robust grower, and as free flowering as any rose we know. In color it is a brilliant, satiny, soft pink; the blooms are large, the buds long and pointed. Just as handsome in the full-blown flower as in the bud form.

Mad. Plantier.—White flowers in great abundance.

Magna Charta.—Bright pink, suffused with carmine; a beautiful rose; strong, vigorous grower.

Mrs. John Laing.—Soft pink; exceedingly fragrant; commences flowering early and continues late.

Paul Neyron.—Deep, shining pink. Good, strong grower, almost thornless.

Persian Yellow.—Perfectly hardy, semi-double, golden yellow.

Soleil d'Or.—Beautiful clear green, dense foliage. Large, full, globular flowers, fragrant; buds conical; color varying from gold and orange-yellow to reddish gold, and shaded with nasturtium red.

Ulrich Brunner.—Brilliant cherry red, a very effective color.

PRICES:—Extra heavy 2-year-old plants, except where noted,
Each 25c, dozen \$2.50

New Everblooming Rose "BABY RAMBLER"

A dwarf form of the widely known and popular climbing rose Crimson Rambler. The flowers are borne in clusters like those of the Crimson Rambler and are of the same charming brilliant red color. The best red pot or bedding rose in the world. Perfectly hardy, in bloom all the time. Each 40c, doz. \$4.00

MOSS ROSES

A class of Roses much admired. The beauty consists in the delicate mossy covering which surrounds the bud.

Blanche Moreau.—Pure white. **Pink.**— Ea. 25c, doz. \$2.50

RUGOSA ROSES

Handsome foliage and clusters of beautiful single flowers followed by brilliant red seed pods. Splendid for hedges.

R. Alba.—White. **R. Rubra.**—Red. Ea. 25c, doz. \$2.50



BABY RAMBLER.



Even a photograph but poorly reveals the great beauty of *Spirea van Houttei*, with its long, graceful branches loaded down with flowers in May.

Shrubby has become an almost indispensable part in the planting of home grounds, and justly so, for there is nothing that will add so to the value of a place or to its beauty as a few well selected and judiciously planted shrubs. There are locations which call for the planting of individual specimen shrubs, or they may be used in masses for border and screen work, in forming groups and beds. The brilliant fruits of some varieties and the brightly colored bark of others help to relieve the monotony of winter.

We cater to the plant buyer who appreciates the value of quality. It requires little skill, less ground and but a layman's attention to grow the ordinary run of stock, and if you are seeking to buy nursery stock at the lowest possible price you must not expect to get the best quality. We prefer to handle stock grown for "quality" and allow "price" to arrange itself; not an exorbitant price but only a fair return for what we sell you.

We do not handle Dutch nursery stock. All our trees and shrubs are American-grown. "Dutch stuff" is really forced into an unnatural growth, because the water is only 18 inches below the surface in some of those Dutch nurseries. That eminent authority, Wilhelm Miller, editor of the *GARDEN MAGAZINE*, in an article in *COUNTRY LIFE IN AMERICA* says:—"One of the excuses we all make is that 'the plants die,' and we blame this on climate. The chief reason why plants die is that we buy 'Dutch stuff,' simply because it is 'cheapest'. There is no fault of character here. Most Americans do not know they are buying Dutch trees, shrubs and evergreens. They mean to buy hardy material, and are heart-broken when it dies after a winter or two. The Dutch plants always look best, and how shall an innocent investor be on his guard? Apparently there is no way. He must try and lose before he is willing to pay a fair price for American-grown material."

By insisting on getting American-grown stock, and buying only from such houses that will not handle the inferior Holland-grown, you avoid the chance of much aggravating loss.

Prices are based on well-shaped, bushy, vigorous plants, with heavy root growth, such as produce immediate effect. They can be shipped only by express or freight, being too large and heavy to be sent by mail. Write for prices in larger quantities.

HELPFUL INFORMATION IN SELECTING SHRUBS.

SHRUBS WHICH BEAR SHOWY FRUIT

The value of berry-bearing shrubs and their high ornamental value especially in fall and winter, is gradually being recognized by discriminating planters.

Barberry.—Scarlet fruit.

Cornus. (Dogwood).—Dark blue-black berries.

Hawthorn.—Immense brilliant red haws.

Lonicera. (Honeysuckle).—Red and yellow fruit

Rosa Rugosa.—Bright scarlet hips.

Symphoricarpus Racemosus. (Snowberry).—White berries all winter.

Symphoricarpus Vulgaris.—Red berries.

Viburnum Lantana.—Fruit changes from pale green to carmine, and finally becomes black.

Viburnum Opulus. (Cranberry Bush).—Red fruit

SHRUBS WITH COLORED BARK

These are especially valuable and conspicuous in the winter landscape, lending a touch of color extremely welcome.

Cornus Alba. (Dogwood).—Bright red.

Kerria Japonica.—Green.

Golden Willow.—Bright yellow.

SHRUBS WITH BRIGHTLY COLORED FOLIAGE

Barberry Thunbergii.—Bright red after frost.

Barberry Purpurea.—Purple.

Prunus Pissardi.—Purple.

Sambucus Aurea. (Golden Elder).—Yellow.

SHRUBS SUITABLE FOR SHADY PLACES

Barberries in variety.

Cornus in variety.

Deutzia.—Gracilis and Lemoinei.

Forsythia.

Symphoricarpus. (Snowberry).

Viburnum in variety.

SHRUBS SUITABLE FOR HEDGES

Barberry Thunbergii.

Barberry Vulgaris.

Hawthorn.

Hydrangea Paniculata.

Japan Quince.

Rosa Rugosa.

Spireas in variety.

SHRUBS BLOOMING BEFORE LEAVES APPEAR

Cornus Florida.

Cydonia Japonica.

Forsythia.

Prunus Triloba.

SIX SHRUBS THAT GIVE BLOOMS FROM APRIL TO OCTOBER

April—Forsythia.

May—Lilacs.

June—Spireas.

July—Deutzias.

August—Althaea.

September to October—Hydrangea.



A SPRAY OF BARBERRY

FLOWERING ALMOND**Double White and Pink**

A beautiful tree, covered in May and June with double rose-like flowers. Strong bushes, 3 ft.

Each 40c, 3 for \$1.00, dozen \$3.50

ALTHEA, OR ROSE OF SHARON

Bloom late in August and September, at a time when we have so few shrubs in flower. Flowers large and brightly colored, much like Hibiscus or Hollyhock in form. Double white, violet, pink, red. 3-year-old bushes, each 35c, doz. 3.50

BERBERIS -- BARBERRY**BERBERIS THUNBERGII, Japanese Barberry**

One of the most beautiful shrubs in cultivation, either for hedging or general purposes. It is of neat, compact growth and never need be touched with the shears. The foliage is beautiful at all times, and in the fall turns to a most brilliant crimson color, but its most attractive feature is its fruit. The plants are literally covered with bright scarlet berries all fall and winter. It is fine for the edge of a terrace and along roads and walks, or for grouping on the lawn. We offer fine bushy stock, 2 feet high.

Each 35c, dozen \$3.50, 100 \$22.00

Purpurea.—Purple-Leaved Barberry. Very striking; fine as a single specimen or for hedges.

2 to 3 feet, bushy, each 35c, dozen \$3.50

Vulgaris.—Light green leaves, and later bright red berries. Each 35c, dozen \$3.50

CHIONANTHUS VIRGINICA**White Fringe**

Bushy shrub, sometimes growing into a tree. Literally covered in May and June with loose, drooping panicles of graceful, delicate white flowers, followed by showy purple fruit. The foliage changes to yellow and bronze tints in the fall.

Bushy plants, 2½ feet high, each 50c, doz. \$5.00

CORNUS, OR DOGWOOD

Sanguinea.—Clusters of white flowers, stem and branches turning blood red in winter.

3 to 4 feet, each 35c, dozen \$3.50

CRATAEGUS, OR HAWTHORN

Coccinea.—Red flowering. Among the most beautiful of our flowering trees; dense, low grower, occupying comparatively little space.

2 to 3 feet, each 35c, dozen \$3.50

FLOWERING CURRANT (Ribes Aureum)

Yellow flowering or Missouri Currant; 3 feet.

Each 35c, dozen \$3.50

CYDONIA JAPONICA (Japan Quince)

The large, brilliant, scarlet-crimson flowers are among the first blossoms in spring, and they appear in great profusion covering every branch. Special attention is invited to this plant for ornamental hedges. 2 to 3 ft., ea. 35c, doz. \$3.50

CYTISUS LABURNUM (Golden Chain)

Extremely bright with graceful racemes of wistaria-like golden yellow flowers. Each 35c

HARDY ORNAMENTAL SHRUBS CONTINUED.

DEUTZIA

Their hardihood, fine habit, luxuriant foliage and profusion of attractive flowers from June to August place them among the most popular of flowering shrubs.

D. Gracilis.—Of dwarf habit, pure white flowers. Bushy plants, 18 inches high, ea. 25c, doz. \$2.50

D. Lemoinei.—Early bloomer; entire plant covered with erect panicles of snow-white flowers.

2 to 3 feet, each 35c, dozen \$3.50

D. Pride of Rochester.—Double white, slightly tinted rose. 3 to 4 feet, each 35c, dozen \$3.50

FORSYTHIA

Fortunel.—Golden Bell. Each 35c, dozen \$3.50



HYDRANGEA PANICULATA

This is the finest hardy shrub in cultivation. The flowers, which are borne in dense pyramidal panicles, nearly a foot long, in greatest profusion, are white when they first open, but gradually change to rose color, and remain in condition for weeks.

Fine bushy plants, each 25c, dozen \$2.50

Extra heavy plants, each 35c, doz. \$3.50

Specimen plants, each 50c, dozen \$5.00

Tree Shaped, each 50c, dozen \$5.00

HYDRANGEA ARBORESCENS ALBA

This magnificent, perfectly hardy, American shrub is the very finest addition to this class of plants in many a year. The snow-white blooms are of largest size, the foliage finely finished, lacking all coarseness. One of the most valuable characteristics is its coming into bloom just after the passing of all the early spring shrubs, while its long flowering season, from early June until late August, makes it a valuable acquisition in any garden. 2 to 3 ft., each 60c, doz. \$6.00

LILACS

Common.—(Syringa Vulgaris.) The common purple species and one of the best.

Each 25c, dozen \$2.50

Common White.—(S. Vulgaris Alba.) Pure white, very fragrant. Each 25c, doz. \$2.50

Persian.—Of more slender growth and finer foliage than the common lilac; purple.

3 to 4 feet, each 35c, dozen \$3.50

Persian White.—3 to 4 ft., ea. 35c, doz. 3.50

Japanica.—(Tree Lilac.) Flowers creamy-white, odorless, in great panicles. Ea. 50c

LONICERA TATARICA, or BUSH HONEYSUCKLE Upright Tartarian.—Blooms in June with beautiful pink and white flowers, followed by berries.

3 to 4 feet, bushy, each 35c, dozen \$3.50

PHILADELPHUS, or SYRINGA

Mock Orange

A grand old favorite shrub. Should be in every yard. Covered with sweet-scented white flowers in June.

Coronarius.—(Garland Mock Orange.) Very sweet and one of the first to flower.

Coronarius fl. pl.—Double flowering.

Grandiflora.—A large growing variety.

2 to 3 feet, each 35c, dozen \$3.50

3 to 4 feet, each 40c, dozen \$4.00

PRUNUS

Pissardi.—Purple-leaved Plum. The finest purple-leaved small tree; grows to a height of 12 to 15 feet. The young branches are a very dark purple; the leaves, when young, are lustrous crimson, changing to a dark purple, and retain this beautiful tint till they drop, late in autumn. The tree is covered early in spring with small, single white flowers, which appear before the leaves.

3 to 4 feet, each 40c, 3 for \$1.00, dozen \$4.00

Triloba.—Double-flowered Plum. Flowers delicate pink, upwards of an inch in diameter, thickly set on the long, slender branches; blooms in May.

3 to 4 feet, each 35c, dozen \$3.50

RIBES

Aureum.—Yellow flowering Currant. Each 35c,



PRUNUS PISSARDI

HARDY ORNAMENTAL SHRUBS CONTINUED.

SAMBUCUS (Elder)

Aurea.—Golden Elder. Beautiful golden yellow foliage, grand as a single specimen or for planting in masses. 2 to 3 feet, each 35c, dozen \$3.50

Laciniata.—Cut Leaved Elder. Ea. 25c, doz. 2.50

SNOWBERRIES

For massing these shrubs are unsurpassed. They spread so rapidly from underground shoots that a few plants will produce a thicket in a short time. Far into winter the berries are as bright as before the cold came.

Racemosus.—Large white berries.

Vulgaris.—Red-fruited. Each 35c, dozen \$3.50

SPIREA

Graceful shrubs everyone should plant; they are of easiest culture.

Perpetual-blooming Red Spirea, Anthony Waterer

—A fine, hardy, perpetual-blooming shrub, particularly desirable for the lawn. Nice, round bushes, 3 feet high and wide; rosy red flowers in large, round clusters all over the bush.

Fine, bushy, 2 to 2½ feet, each 35c, dozen \$3.50

S. Billardi.—Erect branches crowned with narrow dense spikes of bright pink flowers. June to September. 2 to 3 feet, each, 35c dozen \$3.50



SPIREA VAN HOUTTEI (BRIDAL WREATH)

SPIREA VAN HOUTTEI.—(Bridal Wreath.) If you have need for but one spring-flowering shrub, plant Spirea Van Houttei. It is the grandest of all the white Spireas. A beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. Clusters of 20 to 30 flat white florets make up the raceme, and are set close along the drooping stems.

2 to 3 feet, each 25c, dozen \$2.50 3 to 4 feet, each 35c, dozen \$3.50

Extra heavy specimen plants, 4 to 5 feet high, widely branched, each 75c, dozen \$7.50

VIBURNUMS

In this group are included the Snowballs, which give in spring the same showy effect produced by Hydrangeas in the fall.

Lantana.—May and June. White flower clusters, succeeded by red fruits that later turn to black.

2 to 3 feet, each 40c, dozen \$4.00

Opulus.—Cranberry Bush. Single white flowers borne in flat clusters. Highly valued for the brilliant red berries that cling to the branches all winter, unmolested by birds. Ea. 35c, dozen 3.50

Sterile.—The old-fashioned Snowball that grows almost anywhere and flowers so abundantly.

3 to 4 feet, each 35c, dozen \$3.50

Viburnum Plicatum.—(Japan Snowball.) Large snow-white balls of flowers. Ea. 50c, doz. \$5.00

WEIGELIAS

Beautiful shrubs that bloom in June and July. Superb, large, trumpet-shaped flowers, produced very lavishly.

Candida.—Flowers pure white.

Eva Rathke.—Brilliant crimson; a beautiful, distinct, clear shade.

Rosea.—Rose colored; the most popular.

Variegata.—Leaves margined creamy white; flowers pink.

2 to 3 feet, each 35c, dozen \$3.50
Extra large, each 50c, dozen \$5.00

DECIDUOUS ORNAMENTAL, & FRUIT TREES

All the trees that we offer have been grown with care, to make them straight, stocky, well headed and supplied with fibrous roots. **Prices will be quoted on any desired size.**

ACER - THE MAPLES

The Maples are perhaps more largely planted than any other family of trees. They are highly ornamental, regular in outline, beautiful in foliage and adapted to all soils.

Norway Maple.—Large, handsome tree of spreading, rounded form, with broad, deep green, shining foliage. 8 to 10 feet, each \$1.25

Purple Leaved Norway Maple.—(Schwendler's.) The red and purple tints contrast beautifully with the delicate green of spring. In summer and fall the color is not so pronounced. 6 to 8 ft., \$1.50

AESCULUS - HORSE CHESTNUT

White Flowering.—Magnificent spikes of white flowers. As a lawn tree or for the street it has no superior. 5 to 6 feet, each 75c

BETULA - THE BIRCHES

Elegant, graceful form, with slender branches and light and airy foliage.

European White.—With slender branches and silvery bark. After a few years growth, assumes a graceful, weeping habit, adding greatly to its beauty. 6 to 8 feet, ea. 75c, 8 to 10 feet, ea. \$1.25

Cut-Leaved Weeping.—One of the most elegant of all weeping or pendulous trees. Its tall, slender, yet vigorous growth, graceful, drooping habit, silvery white bark and delicately cut foliage present a combination of attractive characteristics rarely met with in a single tree.

4 to 5 feet, each 75c, 6 to 8 feet, each \$1.00

CATALPA

Speciosa.—Large, heart-shaped, downy leaves, and compound panicles of white flowers. Very ornamental and useful. 8 to 10 feet, each 75c

FAGUS - THE BEECHES

European Beech.—A beautiful tree, attaining a height of 60 feet. 4 to 6 feet, each 75c

Purple Leaved Beech.—The foliage in spring is deep purple, later changing to crimson, and in fall to a dull purplish-green.

4 to 6 feet, each \$1.25

TEAS' WEEPING MULBERRY

The most beautiful of weeping trees. The slender branches grow downward parallel with the stem, forming an umbrella-like shape. All who have seen it agree that in light, airy gracefulness, delicacy of form and motion, it is without a rival. It has beautiful foliage, and is hardy and enduring. 2 year head, each \$1.25

POPULUS - POPLAR

Carolina Poplar.—For quickly producing street shade there is probably no tree which equals the Carolina Poplar. It is broadly pyramidal in form, very robust in growth, with large, glossy, deep green leaves. It stands the smoke and dust of city streets better than any other shade tree.

8 to 10 feet, each 75c

PYRUS - FLOWERING CRAB APPLE

Bechtel's Double Flowering.—One of the most beautiful flowering trees. Tree of medium size, covered in early spring with large, beautiful, double, fragrant flowers of a delicate pink color.

3 to 4 feet, each 65c

TILIA - LINDEN

American.—(Basswood.) A rapid growing, beautiful tree, with very large leaves and fragrant flowers. 6 to 8 feet, each 75c

ULMUS - THE ELMS

American.—A noble native tree of large size, wide-spreading head, and graceful drooping branches. The grandest park and street tree. 8 to 10 feet, each \$1.00 2 to 2½ inch trunk, \$2.00

Camperdown.—Its vigorous, irregular branches, which have a uniform weeping habit, overlap so regularly that a compact, roof-like head is formed. Leaves are large, glossy, dark green. A strong vigorous grower, The finest Weeping Elm and one of the best weeping trees.

2 year head, each \$1.25

A SELECTION OF THE BEST SORTS OF FRUIT TREES

APPLES

Arranged in order of ripening.

Duchess of Oldenburg.—Good size, juicy, yellow streaked with red.

Baldwin.—Large bright red; crisp, juicy, rich.

Golden Russet.—Medium, dull russet, crisp, juicy

Northwestern Greening.—Hardy, yellow; of good size, extra long keeper.

Northern Spy.—Large, striped, mild sub-acid, and tender, with rich, delicious flavor.

Wolf River.—Large yellow striped and shaded red 5 to 7 feet, each 35c, 3 for \$1.00, dozen \$3.50

CRAB APPLES

Hyslop.—Dark crimson; very showy and hardy.

Transcendent.—Large; yellow with red cheek and fine bloom; a great bearer; beautiful and popular

Whitney.—Very large; green, striped and splashed with bright red.

5 to 7 feet, each 35c, 3 for \$1.00, dozen \$3.50

CHERRIES

Early Richmond.—Medium, red; early, hardy.

Black Tartarian.—Very large, productive, popular 5 to 7 feet, each 75c, 3 for \$2.00, dozen \$6.00

MULBERRIES

New American.—Very large, black, handsome, sweet and rich. 4 to 5 feet, each 50c, doz. \$5.00

PEACHES

Crawford's Early.—A magnificent American sort; very large; yellow with red cheek.

Elberta.—Large yellow with red cheek; flesh yellow, juicy, and of high flavor.

4 to 6 feet, each 25c, dozen \$2.50

PEARS

Bartlett-Seckel.—Hardy, vigorous and productive; fruit yellow and red.

Flemish Beauty.—Large pale yellow with reddish-brown cheek; sugary, rich and juicy.

Keiffer.—Large golden yellow with red cheek.

5 to 7 feet, each 50c, dozen \$5.00

PLUMS

Abundance.—Lemon-yellow, overspread cherry.

German Prune.—Large, long, purple; productive.

Bradshaw.—Dark violet red; juicy and good.

5 to 6 feet, each 50c, dozen \$5.00



A PAGE OF SMALL FRUITS

BLACKBERRIES.

Mersereau.—Large size, superb quality, without tendency to turn red.

Each 10c, dozen \$1.00

CURRANTS.

Black Naples.—The best black currant.

Fay's Prolific.—First class red; prolific.

Red Dutch.—Standard red, productive.

White Dutch.—Excellent old variety.

White Grape.—Very large yellowish-white of excellent quality.

Wildier.—Large prolific red.

Price of above, strong 2-year-old bushes, each 15c, 4 for 50c, doz. \$1.25, by express

GOOSEBERRIES.

Downing.—Large whitish-green, fine.

2-year-old, each 15c, dozen \$1.50

Industry.—Berries of large size, excellent



CURRENT, WHITE GRAPE.

flavor, dark red.
2-year-old bushes, each 20c, dozen \$2.00

Red Jacket.—Large, smooth, bright red; prolific and hardy.

2-year-old bushes, each 20c, dozen \$2.00

GRAPES.

Brighton.—Bunches large; dark red.

Catawba.—Copper-colored, sweet, rich.

Concord.—Most popular grape in America; blue-black.

Delaware.—Small red, juicy and sweet.

Niagara.—Greenish-white, very popular.

2-year-old plants, each 20c, dozen \$2.00

Raspberries.

Columbian.—Sweet and highly flavored. Deep purplish red; wonderfully productive.

Cumberland.—Very large, firm and prolific; the best black.

Cuthbert.—Hardy, prolific, excellent quality; deep rich crimson.

Above varieties, each 5c, doz. 50c. If by mail add 10c per doz.

STRAWBERRIES.

Brandywine.—One of the best and handsomest berries grown. fine rich flavor, large size, dark red.

Clyde.—Abundant bearer, large fruit.

Senator Dunlap.—Has given the greatest satisfaction as to hardness, productiveness and quality. Large bright deep red, very glossy, firm, a splendid keeper; one of the very best berries for canning.

Any of above, dozen 15c, 100 \$1.00, 1000 \$5.00

VEGETABLE ROOTS AND PLANTS

ASPARAGUS. 2-year-old roots, per dozen 15c, per 100 \$1.00

Columbian Mammoth White.—Shoots white, excellent quality.

Conover's Colossal.—The standard green asparagus.

HORSE RADISH SETS.—Per dozen 20c, per 100 \$1.00

RHUBARB ROOTS. (Pie Plant.) **Victoria.**—Each 10c, 15c and 20c



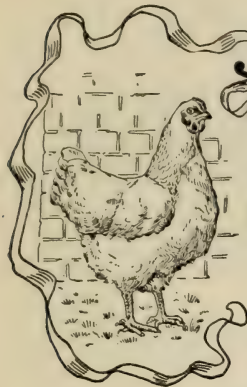
INDUSTRY GOOSEBERRY.



SENATOR DUNLOP STRAWBERRY.



COLUMBIAN RASPBERRY.



POULTRY SUPPLIES



In the following pages we list briefly a standard line of Poultry Supplies. Only goods of known merit, tested in practical use, and endorsed by experience, are offered.

Cyphers Chick Food. A complete food for young chicks. Cyphers Chick Food is a mixture of different grains and seeds, proportioned so as to meet all the needs of growing chicks and to fully nourish them.

5lb 20c, 10lb 35c, 25lb 85c, 50lb \$1.50, 100lb \$2.75

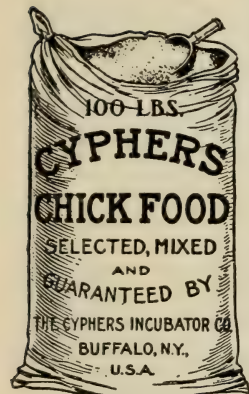
Clover Products. Their feeding value and how to feed them. There are two very important reasons why clover should constitute one-fourth of the daily ration of the fowl: first, clover will produce the desirable high color in the egg yolk; second, Green Food is absolutely essential to the health of fowl.

To feed clover pour boiling water over it late in the afternoon, cover with a tight lid and let it steam, swell and soften until morning. It may be fed mixed with a soft mash, or placed in a trough, or scattered on plain boards.

Clover Meal. 5lb 20c, 10lb 35c, 25lb 70c, 50lb \$1.25, 100lb \$2.25

Cut Clover Hay. 5lb 20c, 10lb 35c, 25lb 65c, 50lb \$1.15, 100lb \$2.00

The Value of Meat Foods. Animal food is necessary for the health and proper development of poultry. All know in a general way that fowls eat insects, bugs and worms, that these are animal food, and that, as they cannot be procured at all seasons of the year, or in sufficient quantities, some



form of meat food must be supplied.

Beef Scrap.—An especially valuable meat food for poultry, and gives very satisfactory results when fed dry from a food hopper. 5lb 25c, 10lb 45c, 25lb 90c, 50lb \$1.60, 100lb \$3.10

Dried Blood Meal.—This is a highly concentrated form of animal food, rich in albumen and egg producing materials. It is odorless and contains only pure blood. Will make your hens lay, your chicks grow fat and keep your fowls healthy. 5lb 35c, 10lb 60c, 25lb \$1.10, 50lb \$2.00, 100lb \$3.75

Granulated Poultry Bone.—The Granulated Bone we offer is made from fresh, green bones, from which the moisture and grease have been taken, leaving nothing but the phosphates, lime, and protein, the only food values of bone, green or dry. 5lb 20c, 10lb 35c, 25lb 75c, 50lb \$1.35, 100lb \$2.50

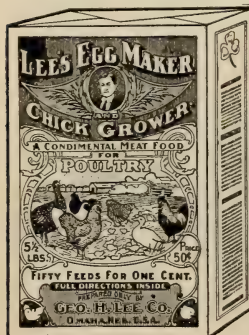
CHARCOAL.—No poultryman can afford to be without charcoal. A little goes a long way, and it is worth its weight in gold to raisers of young chickens. It aids digestion, and promotes the health of brooder chicks to a wonderful extent. The use of charcoal is generally corrective of numerous poultry ills. 5lb 25c, 10lb 40c, 25lb 75c, 50lb \$1.40, 100lb \$2.75

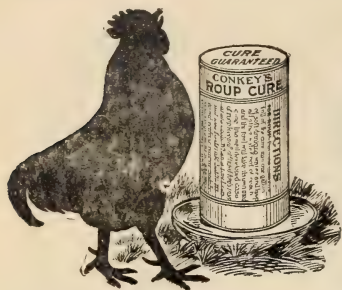
CRUSHED OYSTER SHELLS.—Crushed Oyster Shells to a large extent will supply the necessary material for grinding food, and at the same time furnish lime for the egg shells. They should be kept continually before the fowls, trusting to them to eat the amount needed rather than mixing the shells with food. 5lb 10c, 10lb 15c, 25lb 25c, 50lbs. 40c, 100lbs. 70c

MICO-SPAR CUBICAL GRIT.—Superior to all other Grits. It is the best digester, and retains its cubical form until worn out. Hen and chick size. 5lbs. 10c, 10lbs. 15c, 25lbs. 25c, 50lbs. 45c, 100lbs. 75c

Lee's Egg Maker is largely granulated blood (deodorized), one pound of which is equal to 16 pounds of fresh beef, and with an actual tested protein feeding value in excess of 40 per cent. Feed it to hens and pullets and the result will be maximum egg yield, strong birds, glossy coats and bright eyes. Fed to chicks, they will be stronger, grow faster, and mature 2 to 4 weeks earlier. 2½ lb. pkg. 25c

GERMOZONE. A germicide, a bowel regulator, the best preventive and cure for Roup, Cholera, Colds, Bowel Complaint, Chicken Pox, etc. Equally good for little chicks or older fowls. Given twice a week in drinking water, keeps fowls healthy. Tablets or Liquid, 50 cents





CONKEY'S ROUP CURE.

Conkey's Roup Cure positively cures roup in all of its forms. It is simply placed in the drinking water and the chicken takes its own medicine without knowing it. Coming into contact with the head and mucous membranes it kills the germs at once. It is equally effective for turkeys

and for canker in pigeons. Directions on every package.

Price 25c, 50c and \$1.00

CONKEY'S CHOLERA CURE.—This is a positive cure for bowel trouble, indigestion, diarrhoea, dysentery, cholera, etc., in fowls both old and young. It tones up the system and puts the flock in excellent condition.

Price 25c and 50c

Lee's Lice Killer. Lee's Lice Killer is a liquid preparation for destroying lice and mites on chickens, hogs and other stock. It was especially designed for killing lice and mites on chickens and hogs without the necessity of handling, dipping, dusting or greasing fowls or animals. The odor, gas or vapor given off by it kills the insects without touching them with the fluid itself. It is perfectly safe to use as directed.

Quart 35c, 2quarts 60c

CONKEY'S HEAD-LICE OINTMENT.—Head Lice annually kill thousands of little chicks. Old hens and little chicks should be gone over carefully, and whenever found, these lice should be gotten rid of without delay. Conkey's Head Lice Ointment is a carefully prepared, nicely perfumed, non-poisonous article, which is instant death to these murderous insects, but perfectly harmless to chicks.

3-ounce tin 25c



LEE'S INSECT POWDER.—Kills chicken lice, plant lice, roaches, cabbage worms, etc. It is of especial value for use on little chicks and setting hens. Where an insect powder is desired use Lee's. There is none better, and being prepared in 1½ pound sprinkler-top cans, it is very convenient for use. A large package of the best powder, 25c

THE PRAIRIE STATE FOUNTAIN.—The water runs from the can into the basin as the fowls drink, so that the supply is always kept fresh and cool. The chicks cannot get into the basin to foul the water or to drown and will not roost on the top. They are easily cleaned, are light and durable, and will not freeze and burst in winter. 1-qt. 20c, 2-qt. 30c, 1-gal. 40c, 2-gal. 50c

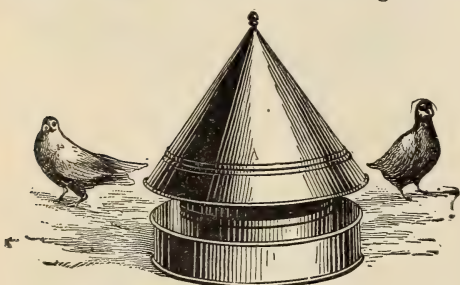
STONEWARE FOUNTAIN.—For anybody who desires a stoneware drinking fountain, these founts are not



STONEWARE FOUNT.

excelled for poultry or pigeons. They keep the water cool and clean, and are so manufactured that it is impossible for chickens to get wet or drown while using them. They are easily filled and never tip over.

1-quart 20c, 2-quart 30c, 4-quart 40c

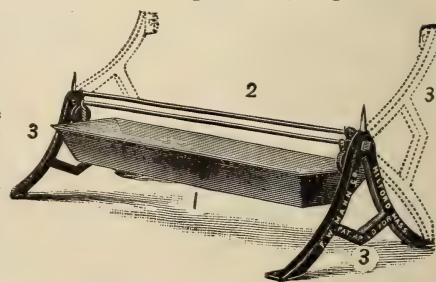


PIGEON FOUNTAIN AND BATH PAN.

PIGEON FOUNTAIN AND BATH PAN.—Made from best galvanized iron and will last for years. Keeps the birds clean healthy and happy. 14 inches, each \$1.50

PRAIRIE STATE FEED TROUGHS.—A convenience and a food-saving appliance. The chickens cannot get into the troughs to scratch the feed out, but stand along in a row and eat their feed the same as cattle eat hay out of a rack. They are low in price and first class in every respect. Made of bass wood. 18 in. 12c, 24 in. 18c, 30 in. 25c

SWINGING POULTRY FEED TRAY.—Saves all waste of food. Hens cannot scratch food out nor dirt in. Weight of hen tips the tray and throws her off. Upper rod tips up also if hen tries to roost on it. Legs fasten anywhere. 18 in. \$1.00



SWINGING POULTRY FEED TRAY.

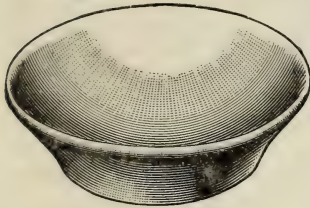


SANITARY GRIT AND SHELLS BOX.—These boxes are a necessity to all who keep poultry, and they soon pay for themselves. They are automatic feeders, the food working down into the feeding spaces as fast as the fowls eat it. The fowls cannot scratch the feed out, thus saving the material. It has three spaces; made of heavy galvanized iron. Hangs on nail; holds four quarts. Price 50c

DRY FOOD HOPPER.—This is a strong, galvanized iron feed box, similar to the grit and shell box, except that it is larger and has but two compartments, one twice the size of the other. The larger compartment is intended for grain, the smaller for beef scraps. Price 75c



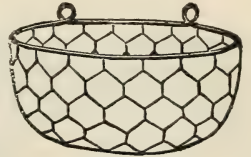
Price 75c



EARTHWARE NEST.

EARTHWARE NESTS.—Made of very high-grade clay, terracotta in color, well formed in design and of superior finish. Diameter, eight inches. Each 15c

WIRE HENS' NESTS.—These nests are strongly made of heavy japanned steel wire and will last a lifetime. There is no room for lodging of lice or vermin of any kind; they are easy to keep clean and are far superior to wooden boxes. They are intended to be fastened to the wall with screws or screw hooks. Each 15c, dozen \$1.50

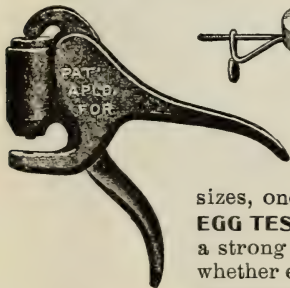


WIRE HENS' NESTS.

Each 15c, dozen \$1.50

2 for 5c, dozen 25c

NEST EGGS.—Porcelain. The eggs are finest white flint glass.



SPRING LEVER PUNCH.



JERSEY PIGEON PERCH.—Of seasoned maple and coppered steel wire. Ea. 6c, doz. 60c

SPRING LEVER POULTRY PUNCH.—Spring Lever Poultry Punch is the handiest punch now on the market. Will cut a clean clear hole, which will not grow together. It is durable and never tears the web. Each 25c

PHILADELPHIA POULTRY MARKER.—Made in two sizes, one for chicks and one for adult fowls. Each 25c

EGG TESTER.—This tester fits any No. 2 lamp burner and makes a strong powerful light, so that any person can easily determine whether eggs are fertile or not. Each 25c

IMPROVED CHAMPION LEG BANDS.—This is a well known leg band. It is well and durably made, from one thin strip of aluminum, and used by hundreds of successful breeders and exhibitors. They are adjustable to fit any fowl, and being held by a double lock it is impossible for them to come off. 12, 15c; 25, 30c; 50, 50c; 100, 80c



PHILADELPHIA MARK.



CHAMPION LEG BANDS.



1902 D. B. 175

Geo. W. Mills, St. Louis, Mo. 5032 Fairmount Ave.

PIGEON BANDS.

PIGEON BANDS.—By the use of address bands a bird will always wear the name and address in full of the fancier by whom it was bred. No homer breeder or flyer should be without them.

OPEN ALUMINUM BANDS.—Plain or Numbered only, dozen 25c, 25 for 40c

SEAMLESS ALUMINUM BANDS.—Plain, Year and No., or Year and Initials, dozen 25c, 100 \$1.90

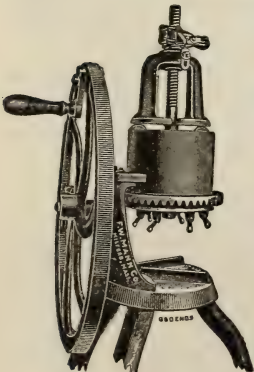
With Full Name and Address, dozen 40c

MANDY LEE THERMOMETERS.—Incubator, each 75c Brooder, each 50c

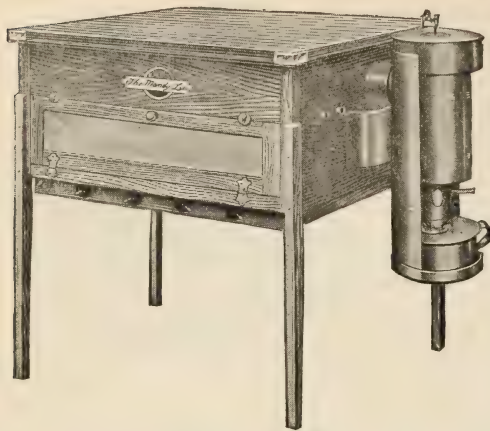
MANDY LEE HYGROMETER. Each \$2.50

Mann's Green Bone Cutters. Easiest to fill. Easiest to clean. Easiest to turn. Warranted against breakage. Guaranteed to give satisfaction. Never out of order.

No. 5 B. M.	\$10.40
No. 5 B. Same as 5 B. M., except has no stand; mount on table....	8.00
No. 5 C. Same as 5 B., except has crank instead of balance wheel..	6.00
No. 7. The open cylinder device admits of easy access to the knives for cleaning, grinding, etc.....	12.00



MANN NO. 5 B. M.



“Mandy” Lee Incubators

JUST THREE THINGS are required to make 90 to 100% hatches every time and in any season, climate or altitude: 1st, correct heat; 2nd, correct moisture; 3rd, correct ventilation. In other incubators it is mostly guesswork; in the Mandy Lee it is a scientific certainty. In other incubators conditions are right if you guess right; in the Mandy Lee they are right if you follow simple instructions.

It takes these three features—no more and no less—and they must be in perfect harmony and capable of separate regulation and control: Heat to develop the germ; Ventilation to purify the air of the egg chamber; Moisture to assist in rotting the shell, to regulate the rate of evaporation of the egg substance, and to prevent the inner membrane from becoming tough. Some incubators may have one of these features in partial success, but only in the Mandy Lee are all

three of these essentials combined and working in perfect harmony one with the other.

The illustration shows the latest improved model with the new Fire-Proof Heater which has passed the most rigid tests at the Underwriters Laboratories. A Lee Hygrometer with each machine.

100-egg size, \$15.00

140-egg size, \$20.00

280-egg size, \$30.00

“Mandy” Lee Brooders

ed into anything practical until the coming of the Mandy Lee, nor until that time had the correct principle of brooding been recognized, namely, that the little chick cannot comfortably breathe the same heat required for giving a comfortable warmth to its body. By the Lee method each chick always gets just that amount of heat it desires—no more and no less—natural heat in a natural way, and always breathing fresh, pure air. It's Nature's method.

With each chick brooder is included a Thermometer, Drinking Fountain, and a 50-cent box of Germozone tablets.

The idea of applying a soft, contact heat direct to the backs of the chicks was never incorporated



Price, \$12.00



The “Brandt” Sprayer

In offering the Brandt Sprayer to our customers, we do so with the knowledge that we are offering the finest and best sprayer on the market. It has a patented device for maintaining an even and high pressure, which is absolutely necessary to obtain a satisfactory spray. One stroke will spray 20 hills of potatoes; one filling sufficient to spray a row of vegetables a mile long.

The tanks are made of heavy brass or of galvanized steel and will not rust or corrode. Are tested with four times more pressure than used for spraying, and will not burst. Filler plug and connections made of brass. Shoulder strap and body rest make it easy and convenient to carry. Capacity 3 gallons.

The pump has a brass air reservoir. In the plunger is a check valve for the air to pass through on return stroke, making it easy to operate and doubling capacity.

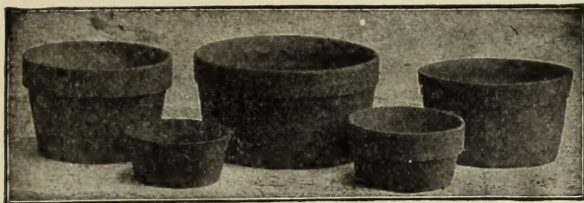
The nozzles are made on a new principle and work with a combination of liquid and air, giving a fine mist-like spray, which is sent out with such force that clogging is impossible. A one-quart funnel with brass wire strainer is furnished with each sprayer.

Galvanized Tank and Shut-off Nozzle, \$5.00

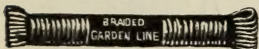
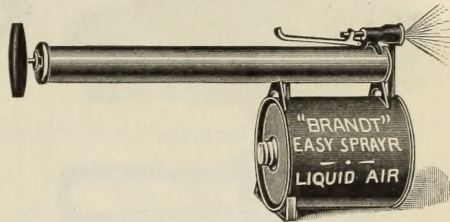
Double Nozzle (Brass) sprays 2 rows at a time, \$1.50

All Brass and Shut-off Nozzle, \$6.75

Tree Nozzle (Brass) 3 ft. extension, \$1.50



AZALIA POTS.

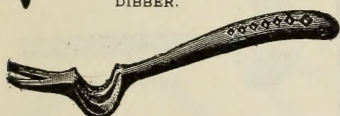
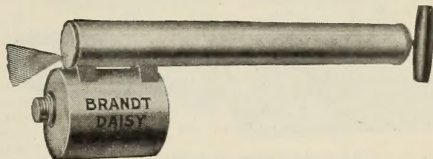


GARDEN LINE AND REEL.



DIBBER.

KILLS
Sulpho-Tobacco Soap.
INSECTS



DANDELION PULLER.



GARDEN TOOLS & SUNDRIES

Prices do not include postage.

- | | |
|---|-----------|
| Asparagus Knife, American, Straight edge, each..... | Price .35 |
| Books. We can supply all Agricultural, Horticultural and Poultry Books at publishers' prices. | |
| Corn Planter, Eagle, 3 interchangeable plates..... | 1.25 |
| Dandelion Puller. Best steel; a very practical tool, each... | .40 |
| Dandeline. Sure death to Dandelions. Pint 50c, quart.... | .75 |
| Dibber. For transplanting; steel point..... | .30 |
| Fork, Hand Weeding or Transplanting Fork, each..... | .25 |

FERTILIZERS

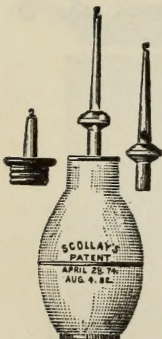
- | | |
|---|---|
| Bone Meal. Gauranteed analysis. Quantity required, one part to fifty parts soil; for starting a new lawn 3-5 lbs. per 100 sq. ft. | 1 lb. 5c, 5 lbs. 25c, 25 lbs. 90c, 100 lbs. 2.50 |
| Sheep Manure. | 1 lb. 5c, 10 lbs. 35c, 50 lbs. 1.00, 100 lbs. 1.75 |
| Blood. | 1 lb. 7c, 5 lbs. 30c, 10 lbs. 50c, 25 lbs. 1.25, 50 lbs. 2.00 |
| Hard Wood Ashes. | 100 lbs. 1.75 |
| Plant Food. Designed for pot plants. Package 15c; mailed | .25 |
| Japanese Palm Food. For palms and ferns. Pkg. 15c; mail | .25 |
| Garden Line. 100 feet 50c. Reel..... | .50 |

GLAZING MATERIALS

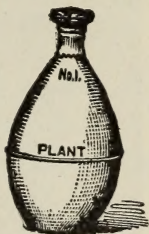
- | | |
|---|-----------------------|
| Mastica. Superior to putty; gallon 1.25 | Machine to apply 1.25 |
| Scollay Putty Bulb. For applying liquid putty and Mastica | .85 |
| Glazing Points, per 1000 75c | Glass Cutter..... .10 |
| Grafting Wax. 1/4 lb. 15c, 1/2 lb. 25c, lb..... | .40 |
| Grass Edger, Planet Jr. Does straight or curved work.... | 6.00 |

INSECTICIDES

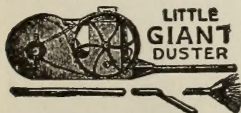
- | | |
|---|--|
| Ant Exterminator. Box... .15 | Sulpho-Tobacco Soap. Quick-ly exterminates all insect life on plants and flowers in and out of doors. 3 oz. cake makes 1 1/2 gallons, 10c; mailed, 13c. 8 oz. cake makes 4 gallons, 20c; mailed..... .28 |
| Bordeaux Mixture. Quart. .40 | Slugg Shot Duster. Perforated bottom. Each..... .35 |
| Grape Dust. Pound..... .10 | Tobacco Dust. Pound..... .10 |
| Hellebore, Powdered. 1/2 lb. 8c, pound .25 | Whale Oil Soap. An excellent wash for trees. Pound.. .15 |
| Kerosene Emulsion. Qt... .40 | Duster, Legget's Little Giant. Dusts two rows at a time. Each..... 5.50 |
| Paris Green. Pound..... .40 | Knives. Pruning or Budding. Each..... 1.00 |
| Persian Insect Powder. 1/2 lb. 15c, pound .40 | " Asparagus. Each 35c |
| Slug Shot, Hammond's. Guaranteed to destroy potato bugs, currant and cabbage worms, flees, beetles and striped bugs. Lb. 8c, 5 lb. pkg..... .35 | Potato. Each..... .25 |
| 1 lb. Sprinkler-top box.. .12 | Labels. Pot, 4 in. 100 15c |
| Labels. Pot, 4 in. 100 15c | Tree, copper wired, 3 1/2 in. 100.. .25 |
| Pots, Flower. All sizes. Standard and Azalea. | Raffia. Best tying material. Pound..... .25 |
| Raffia. Best tying material. Pound..... .25 | Colored Raffia. Write for prices. |
| Colored Raffia. Write for prices. | By mail 1c per ounce extra. |



PUTTY BULB.



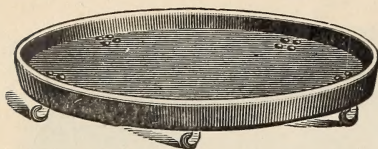
SCOLLAY SPRINKLER.



LITTLE GIANT DUSTER



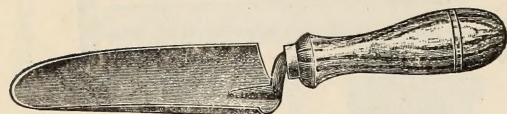
RAFFIA.



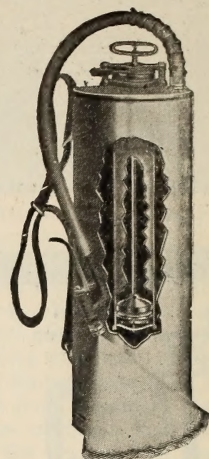
ROLLING PLANT STAND.



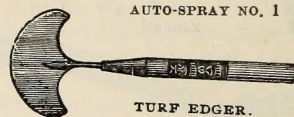
PRUNING SHEARS.



ENGLISH STEEL TROWEL.



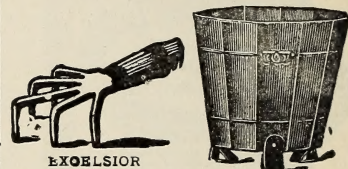
AUTO-SPRAY NO. 1



TURF EDGER.

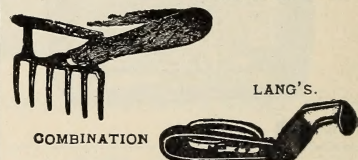


EUREKA WEEDER.



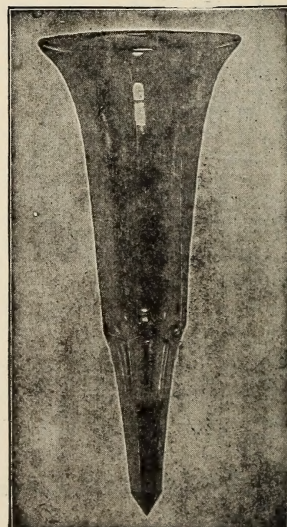
EXCELSIOR

COLUMBIAN TUB.



COMBINATION

LANG'S.



CLARA CEMETERY VASE.

	Price
Shears, German Pruning, 6½ inch	90c; 7½ inch 1.10; 8½ inch 1.20
" Grass, with thumb guard, each35

SPRAYERS

The "Misty" Sprayer. Made of good tin, one quart. Each 50c
 The "Brandt Daisy" Sprayer. Sprays up or down. The only sprayer that works both ways, namely sprays the same on the return stroke as on the forward stroke. Illustr. page 99. 75c
 The "Brandt Easy" Sprayer. Works on same principle as the large Brandt Sprayers, and has shut-off nozzle. Galvanized tank, capacity 1 gallon. Illustrated preceding page. \$2.25
 "Auto-Spray" No. 1. Works automatically; fitted with "Auto-Pop", a contrivance for controlling the spray and keeping the nozzle opening clean.

No. 1D, with Galvanized Reservoir, each \$5.40
No. 1B, with Brass Reservoir, each \$7.65
Brass Extensions, 2-ft. lengths, each45

Sprinkler, Scollay. Medium size, 65c, by mail..... .75
 Large size, 85c, by mail..... .95

Stakes, Cane. 6—8 feet long, dozen 25c, per 100..... 1.00

Stand, Rolling. For heavy plants; made of indurated fibre ware. 12 inch 75c; 15 inch 85c; 16 inch 1.00; 18 inch..... 1.15

Thermometers. Tin case 8 inch 15c, dozen..... 1.50

Hot Bed. Brass point, wooden frame, each..... 1.75

Incubator..... .60

Brooder..... .50

Tree Pruner, Water's. 6 ft. 75c; 8 ft. 90c; 10 ft. 1.00; 12 ft. 1.10

TROWELS

English Steel. 6 inch..... .30

Garden. 6 inch..... .10

Cleve's Angle. Narrow..... .15

FLOWER TUBS

Columbian. Made of best cypress, will last for years.

10x11 inch..... each	1.00	21x18½ inch..... each	2.50
15x14 inch..... each	1.50	24x20½ inch..... each	3.00
18x16½ inch..... each	2.00		

Turf Edger..... .50

Vase, Clara Cemetery. Handsome glass vase for the cemetery. Lower end sharp-pointed for imbedding in ground. .40

Vase, Enameled Cemetery. White enamel; two sizes; 20c & .25

WEEDERS

Combination..... .20

Eureka..... .35

Excelsior..... .10

Lang's..... .20

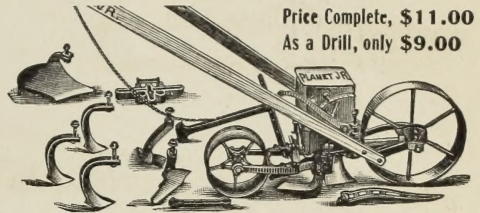
"PLANET JR." FARM AND GARDEN TOOLS

Space will not permit our showing and describing all of the "Planet Jr." tools but we will send a fully illustrated catalogue FREE FOR THE ASKING to any who desire it, and we can supply promptly anything ordered. "Planet Jr." goods are standard machines, the best on the market. In sending your orders to us, you can rely on getting bottom prices.

"PLANET JR." No. 4.

COMBINED HILL AND DRILL SEEDER, SINGLE WHEEL HOE, CULTIVATOR AND PLOW.

THIS admirable tool combines in a single convenient implement a capital hill dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator, and a plow. It holds two quarts and as a seeder it sows in a continuous row, or drops in hills at five different distances. It is thrown out of gear by simply raising the handles. The index is accurate, simple and easily set. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe, garden-plow or cultivator. It is useful almost every day of the season, at every stage of garden work. With this one implement the small farmer can do practically all the work in his small crops.



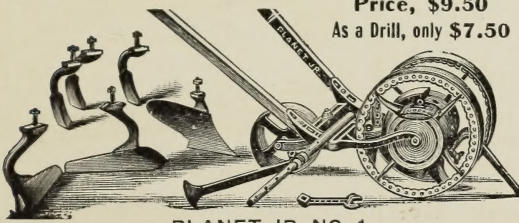
Price Complete, \$11.00
As a Drill, only \$9.00

PLANET JR. NO. 4.

"PLANET JR." No. 1.

COMBINED DRILL SEEDER AND WHEEL HOE, CULTIVATOR AND PLOW.

THIS has been long the most popular combined tool made. From a drill it is changed to its other uses by removing two bolts, when hoes, etc., can be quickly attached. It is an excellent seed sower, a first-class wheel hoe, an excellent furrower, an admirable wheel cultivator, and a rapid and efficient garden plow. It is a practical, every-day time and labor saver, and a grand remedy for backache.

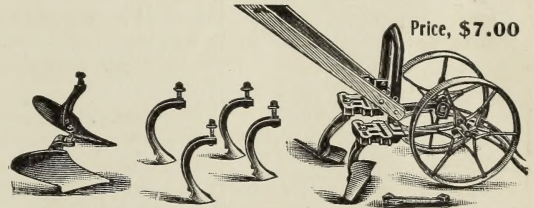


Price, \$9.50
As a Drill, only \$7.50

PLANET JR. NO. 1.

No. 12 DOUBLE WHEEL HOE.

THIS perfected wheel hoe is invaluable for use in all small crops. Its variety of work is almost incredible. Changes and adjustments of the tools are made with the greatest quickness. It has 11-inch wheels, which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustment and can be set three different heights. The handles are adjustable at any height, and, being attached to the arch, are undisturbed in making changes of adjustment in frame, wheels or tools. The change frame permits the tools to be changed without



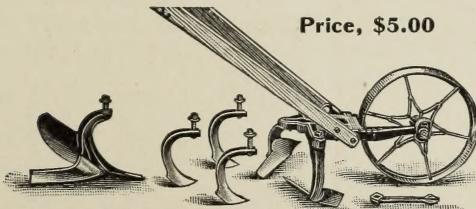
Price, \$7.00

PLANET JR. NO. 12.

removing the nuts. The arch is of stiff steel, unusually high; the quick

PLANET JR. No. 13 DOUBLE WHEEL HOE. With Hoe Blades only, price \$4.75

Price, \$5.00



PLANET JR. NO. 13.

No. 17 SINGLE WHEEL HOE.

THIS latest and best single wheel hoe has a very full set of tools. It has 11-inch wheel, with broad face, is very light, strong and easy running. It has adjustable handles and quick-change frame.

No. 18 Planet Jr. Single Wheel Hoe.

WITH HOE BLADES, ONLY \$3.50.

"IRON AGE" TOOLS.

COMPLETE CATALOG FREE.

The "Iron Age" Tools are made from the best material, and with the best workmanship.

No. 20 "Iron Age" Single Wheel Hoe. With attachments. Price, \$5.50.

No. 21. With one pair of Hoes only. Price \$3.50.

No. 1 "Iron Age" Double and Single Wheel Hoe. Complete, with all attachments. Price, \$6.50.

No. 3. With one pair of Hoes only. Price, \$3.75.

No. 15 "Iron Age" Combined Hill and Drill Seeder, and Single Wheel Hoe. Complete. Price, \$10.00.

No. 16. As a Hill and Drill Seeder only. Price, \$7.50.

MATTHEWS TOOLS.

COMPLETE CATALOG FREE.

Matthews New Universal Double Wheel Hoe, Cultivator, Rake and Plow. Price, \$5.50.

With one pair of Hoes only. Price, \$3.75.

Matthews New Universal Single Wheel Hoe, Cultivator, Rake and Plow. Price, \$4.75.

With one pair Hoes only. Price, \$3.00.

Matthews New Universal Model Garden Drill. Price, \$6.50.

Matthews New Universal Constellation Drill. May be used as a Single or Double Wheel Seeder, Hoe, Cultivator, Rake and Plow. Price, \$8.50.

Matthews Hill and Drill Seeder. Price, \$7.25.

Thoroughbred Seeds

WE sell thoroughbred seeds. There are no better produced anywhere in the world. They cost us much more than ordinary seeds but are cheap at any price. Does it not seem to you good policy to plant only thoroughbred seeds from the most successful and most extensive plant breeders in the world?