

DAHLIAS

Large-Flowering Tall, Large-Flowering Dwarf, Cactus, Pompon. Single and Dahlia Gracilis. Plants, field roots, pot roots, and seed. Our collection of Dahlias is the finest in the country. We grow over 300 varieties, comprising all the old and best varieties, as well as the most recent novelties. We grew the past season 7 acres of Dahlias. They are all true to name, and in prime condition.

The lists we offer comprise the cream of our 300 varieties. The named sorts offered are strong plants, which we guarantee to arrive in perfect condition. At these prices we send them by mail at our expense.

NOVELTIES IN DAHLIAS.

EUGENIE.—Dwarf, 2 to 2½ feet high; medium-sized flower of most perfect form; the petals are beautifully quilled; color deep cadmium or a lovely terra cotta; petals toward the centre of the flower shaded slightly with vermilion; entirely new style and color. We are told the color strikingly resembles the lovely hair of this beautiful and popular Empress. 35 cents each, 4 for \$1.00.

OLCANO.—Lovely light shade of terra cotta, petals tipped with carmine. 30 cents each, 4 for \$1.00.

ROSE BLANCHE.—Exquisite Rose Madder, tipped with white. 30 cents each, 4 for \$1.00.

BUTTERFLY.—(No. 1 illustration.) Large single yellow; petals broad and most perfectly shaped; best of all single yellows. 25 cts. each, 5 for \$1.

WHITE DOVE.—(No. 2 illustration.) Raised and introduced by us. The flower is midway between Pompon and a large flower; perfect shape and well-filled centre; snow-white, with most beautiful and curious toothed petals. The cut flowers of this are more sought for by florists than any other. 25 cents each, 5 for \$1.00.

TRIUMPH de SOLFERINO.—(No. 3 illustration, row of plants.) This Dahlia has the most distinct character we ever saw. It is dwarf, making a beautiful, compact bush, the outside of which is completely and continuously studded with large, perfect flowers of a lovely solferino. No garden should be without this variety. 25 cents each, 5 for \$1.00.

GENERAL LIST OF DAHLIAS.

Tall, large-flowering sorts. Sent by mail without extra cost.
PLUTON.—Large, tulle flower of rich, lively yellow; fine. 20 cents, 3 for 50 cents, dozen \$1.50.

Mr. MILLER.—Very odd; called the Black-and-White Dahlia. Flowers deep maroon, tipped with white. 20 cents, 3 for 50 cents, dozen \$1.50.

CHRIS. RIDLEY.—Perfect flower; deep, rich maroon. 20 cents, 3 for 50 cents, dozen \$1.50.

GERMANIA NOVA.—A very handsome odd variety; well-formed flowers, with finely-toothed petals; deep lilac color. 20 cents, 3 for 50 cents, dozen \$1.50.

Mrs. STANCOMB.—Lovely creamy-white, tinged with lilac-purple; large flower. 20 cents, 3 for 50 cents, dozen \$1.50.

MARY GUSTACE.—Ivory-white, with creamy-bluish centre. 20 cents, 3 for 50 cents, dozen \$1.50.

LUCY FAWCETT.—The most floriferous of all Dahlias; large, perfect flowers; tender straw color, flecked and streaked with carmine. 20 cents, 3 for 50 cents, dozen \$1.50.

DAHLIAS GROW SPLENDIDLY FROM SEED.

DAWN.—Free bloomer; outside petals rosy-pink, inside creamy-white. 20 cents, 3 for 50 cents, dozen \$1.50.

GLOWING COAL.—Deep scarlet. 20 cents, 3 for 50 cents, dozen \$1.50.

QUEEN VICTORIA.—Very fine yellow. 20 cts., 3 for 50 cts., dozen \$1.50.

SUNBEAM.—Distinct; terra cotta, with carmine tinge toward centre. 20 cents, 3 for 50 cents, dozen \$1.50.

VESTA.—White, large flower. 20 cents, 3 for 50 cents, dozen \$1.50.

LARGE-FLOWERED DWARF.

CAMELLEFLORA.—(No. 4, illustration of plant and flower.) Very compact dwarf grower; the freest bloomer, and best double white flower of all. 20 cents, 3 for 50 cents, dozen \$1.50.

WHITE BEDDER.—Fine, perfect double white. 20 cents, 3 for 50 cents, dozen \$1.50.

ECCENTRIC.—Large flower; lower half of petals deep yellow, upper half a rich crimson. 20 cents, 3 for 50 cents, dozen \$1.50.

GOLDEN BEDDER.—Free bloomer; beautiful full yellow flowers. 20 cents, 3 for 50 cents, dozen \$1.50.

ORIOLE.—Deep yellow, tipped with carmine. 20c., 3 for 50c., dozen \$1.50.

PIONEER.—Black maroon. 20 cents, 3 for 50 cents, dozen \$1.50.

ELECTRIC.—Light, lively scarlet, somewhat like a cactus. 20 cents, 3 for 50 cents, dozen \$1.50.

POMPON OR BOUQUET DAHLIAS.

The Pompoms are small, very perfectly formed Dahlias.
GUIDING STAR.—Pure white; beautifully-shaped petals; much used as a cut flower. 20 cents, 3 for 50 cents, dozen \$1.50.

DANDY.—Dark maroon, handsomely speckled. 20 cents, 3 for 50 cents, dozen \$1.50.

MARGUERITE.—Large, finely-formed Pompon; rosy-lilac. 20 cents, 3 for 50 cents, dozen \$1.50.

HENRY WELTON.—Red, tinged with salmon; slight yellow tip. 20 cents, 3 for 50 cents, dozen \$1.50.

GOLDEN CANARY.—Yellow, with carmine tip. 20 cents, 3 for 50 cents, dozen \$1.50.

LITTLE BLACKHEAD.—Nearly black. 20c., 3 for 50c., dozen \$1.50.

CACTUS DAHLIAS.

Petals are shaped so they resemble Cactus flowers.
LORD LYNDBURST.—(No. 5 illustration.) Bright, living reddish-scarlet; formation of petals most lovely; plant always covered with flowers. By some considered the best of all Cactus Dahlias. 20 cents, 3 for 50 cents, dozen \$1.50.

Mrs. HAWKINS.—(No. 6 illustration.) This is a wonderful Dahlia; form very peculiar and striking, but partaking of the Cactus order; flowers like an immense Rosette. The centre of the flower is a lovely sulphur, gradually shading to a soft, rosy pink. 20 cents, 3 for 50 cents, dozen \$1.50.

WILLIAM PEARCE.—Finest yellow Cactus Dahlia. Very deep, rich, buttery yellow. 20 cents, 3 for 50 cents, dozen \$1.50.

Mr. TAIT.—The best white Cactus Dahlia. Form like Juarez, pure white petals serrated, giving it a very handsome and unusual appearance. Very scarce. 20 cents, 3 for 50 cents, dozen \$1.50.

DAHLIA JUAREZI (Red Cactus Dahlia).—A grand and distinct variety, valuable as a decorative plant for all purposes through the late summer and autumn. Its blossoms are of a rich crimson-scarlet, and very much resemble in color and shape the well-known Cactus Cereus Specios-

simos. It grows from 3 to 4 feet high; very branching; flowers of very striking appearance, and quite unlike those of an ordinary double Dahlia, the florets being flat and not cupped. 20 cents, 3 for 50 cents, dozen \$1.50.

WHITE ARIEL (Constance).—Ivory-white; free bloomer. 20 cents for 50 cents, dozen \$1.50.

EMPRESS OF INDIA.—New; very deep black maroon. 20 cents, 3 for 50 cents, dozen \$1.50. The 7 varieties for \$1.10.

SINGLE DAHLIAS.

Nothing can surpass the finer varieties of Single Dahlias for profusion of bloom, and exquisite beauty of the flowers in vases or bouquets. A plant covered with lovely blooms is magnificent.

PRIMROSE.—Large, beautifully formed flower of an exquisite primrose color. 20 cents, 3 for 50 cents, dozen \$1.50.

GONFALON.—Very large white, of sterling beauty. 20 cents, 3 for 50 cents, dozen \$1.50.

ROSY MORN.—A beautiful rose shade. 20 cts., 3 for 50 cts., dozen \$1.50.

JAMES KELWAY.—Intense scarlet; lovely. 20c., 3 for 50c., doz. \$1.50.

TOPAZ.—Lemon-yellow; very delicate and lovely. 20 cents, 3 for 50 cents, dozen \$1.50.

SIGNAL.—Orange-red; very fine. 20 cents, 3 for 50 cents, dozen \$1.50. The 6 varieties for \$1.00.

DAHLIA GRACILIS.

See colored illustrations. No. 10.

We introduced this variety in this country the first time. It has proved all we claimed for it, and surpassed our greatest hopes in regard to its beauty. It received the highest award from the National Horticultural Society of France. The new species is the greatest novelty of the season, and the most marked and important of all Dahlias. Notice the markings, form and grace of the petals in the engravings—foliage and buds are stamped with striking beauty. The petals are broad, and of most lovely contour. They are flecked and striped with the most striking and beautiful markings. In fact the whole flower is made up and poised with indescribable grace and beauty. Foliage, buds, petals, stamens and stem make up the most artistic flower we ever saw. Add to this the most beautiful shimmering of color imaginable, rich velvet plum, crimson, silver, gold, etc. We have seen flowers of a beautiful crimson self color, with a single petal pure white, giving it a most startling effect, and appearing exactly as if a butterfly had settled on the flower. Plants 20 cents, 3 for 50 cents, dozen \$1.50. Dahlia Gracilis seed from only striped flowers. Packet 15 cents, 4 for 50 cents.

DAHLIAS FROM SEED.

The finest seed at reduced prices.

It may be said we were the first to introduce or advise the raising of Dahlias largely from seed as an annual. The practice is increasing largely every year, until now we sell pounds of Dahlia seed where we used to sell ounces.

The Double varieties do not bloom quite as quickly as the Singles, and should be started a little earlier.

DAHLIA GRACILIS.—(See description above.) This is the finest strain of Single Dahlias in existence. Our seed is especially fine, as it was saved only from very large, perfect flowers, that were distinctly and beautifully marked. Packet 15 cents, 4 for 50 cents.

SINGLE DAHLIAS.—Of course we do not claim these to be new, but our collection of varieties we grow for roots is so varied and fine, that we think you will be delighted with the results of the seed we offer you. It will produce flowers entirely distinct and novel, with a solitary row of petals and rich golden-yellow centres. They are favorites of all, and the blooms are of varied colors; many are 4 inches in diameter. Packet 10 cents, 3 for 25 cents.

DOUBLE DAHLIAS.—Finest mixed. Packet 10 cents, 3 for 25 cents. NOTE.—In raising Dahlias from seed, they should be sown in pots and placed in a sunny window. The seed ought to be sown by the 1st of April, kept warm until the middle of May, then planted on rich ground in a sunny spot; they will flower by the middle of August.

DAHLIA "ZIMPANI."—This is not what is usually termed new, but is still virtually so, being so little known. It is a species from Mexico, blooming as freely as an Aster from seed. The plants grow 1 to 2 feet high, very bushy, with striking and ornamental foliage, and have myriads of flower-stems bearing the most intensely crimson-maroon and velvety black flowers ever seen. They are about 3 inches across; the stamens are bright golden color. Very distinct. Packet 10 cents, 3 for 25 cents.

"Last year, for the first time, I cultivated Dahlia Zimpani. It is such a nice flower it ought to be better known. I am told it is a native of Mexico. It is easily raised from seed. The plants grow about 2 feet high, are very bushy, have Dahlia-like foliage, and myriads of flower-stems bearing the most intensely crimson-maroon and velvet flowers ever seen. They are about three inches across. CHAS. H. KEEP."

AMPELOPSIS VEITCHII. (JAPAN IVY.)

The handsomest of all hardy climbers. The foliage is as beautiful as lace work, while it takes on the hues of the chameleon. This is without exception the most effective and beautiful climber known for covering structures of any kind, either houses, walls, porticos or fronts of verandahs. The tenacity and persistency with which it clings to bricks, stones, wood or iron alike is one of its great recommendations. The foliage is variable, some leaves being divided into equal parts; the majority, however, are heart-shaped, overlapping each other as uniformly as tiles or shingles on a roof. The young growth reaches out like a piece of tracery done by the hands of a fairy, and is tinted rose and brown. During the summer the foliage is of the most refreshing green; in the fall it takes on every tint of color seen in the richest autumn foliage—scarlet, crimson, bronze, gold and yellow is distributed in patches of various sizes and at irregular distances. Ultimately the whole plant assumes a brilliancy not seen in any other climber. The plant has proved to be perfectly hardy. It is well to remark that it enjoys a rich soil, and the ground should be made so before planting. It will then reach the height of 4 feet the first season, after which it will grow from 6 to 8 feet higher each year. Plants from 3-inch pots, 20 cents each; 3 plants for 50 cents, 7 plants for \$1.00.

Seed of Ampelopsis Veitchii.—It is not generally known that this grows rapidly and surely from seed. Fresh seed, 10 cents per packet. For the most complete list of climbers offered see index under CLIMBERS.

HALLOCK'S TENNIS COURT LAWN GRASS SEED.

HALLOCK'S TENNIS COURT LAWN GRASS.—For tennis courts, croquet grounds, or, in fact, wherever a quick, velvety sod is needed, is always reliable, effective, and satisfactory. Quart 20 cents, by mail 30 cents; peck \$1.00, bushel \$3.50. This is exceedingly low, but we expect it to be used in large quantities. 1 quart seeds, 300 square feet; 3 to 4 bushels, an acre.

TO OUR FRIENDS AND CUSTOMERS.

DEAR FRIENDS:—We send you our best wishes for 1889. We cannot tell why we seedsmen and florists so often fall to moralizing as soon as we grip the pen to begin our Catalogues. Perhaps it is because we need the teachings we try to spread more than you do. We shall leave words to others, and strive to do our work and duty, and serve those who bid us serve them with our full time and best energies. Let us hope that we can end the season with no regrets for the past or fears for the future. And while here let us say: Scold us, tell us your complaints when we deserve them, but deal leniently with us (when we say us, we mean even our brethren in the business) in your conclusions. We are here to serve you, and we work as hard and as long to do so as anyone in this or any other profession. If by accident anything is wrong, tell us; we are ever ready to do our part. Sometimes our judgment proves at fault, sometimes we are deceived by others. Last year we sold the **Puritan Rose**; we believed in it, and we invested a great deal of money in it. But while it is just as good at times as we represented, it is one of the poorest growers we ever saw. Unless its constitution improves greatly, it will be worthless to grow outside. Again, much to our surprise, we sold a large amount of Tree Tomato seed; we translated the French description exactly, and imported the seed from Paris. It is distinct in growth, but we believe it is worthless to grow as a Tomato. If anyone who bought these two articles from us feels aggrieved with the result, we shall with pleasure send them any article in our Catalogue equal in value to the amount they sent us for these two articles—**Puritan Rose** or **Tree Tomato**.

We want to satisfy you. It is not because we have had many complaints that we make this offer, but our trials on our grounds prove what we state. We do not have any fear of complaints from such new things as Voluteer Tomato, Vandergaw or Marvin's Savoy Cabbage, Celestial Pepper, nor of any of the new things we offer this year.

VEGETABLE SEEDS. We confine our time to supplying the finest quality of these seeds to our market gardeners and private customers, and not the wholesale trade,—our vegetable seeds can only be had from us,—believing that no one can furnish tons or hundreds of pounds of certain seeds of as fine and careful a quality as he can a comparatively few pounds. We make the standard of our seed equal to the demands of our market gardeners, who raise for the greatest and most exacting of all markets—New York City. When we please these people—which we do—we believe we can please any. High germinating quality is not enough, the **QUALITY** and yield of the product must be right.

Our Bennett's White Spine Cucumber is raised by the best cucumber grower that comes to New York. Our cabbage is raised by the best cabbage grower, and so on. We do not even say it will pay you in all cases to buy this stock,—you must be the judge,—but if you want the **best**, we know it will.

"PRIVATE STOCK." You will notice on a number of varieties we add the words "**Private Stock**." This is not an idle phrase, and neither do we importune you to buy varieties so branded because they are high, as our profit on these varieties are on an average smaller than on the others. The seed is mostly raised by specialists whose time and knowledge is valuable, and who will not select their best products at the same price as the poor. When they select a few pounds or bushels of seeds from acres of fine stocks, they charge us more than those who only reject a few pounds from acres of indifferent stock.

FLOWER SEEDS. We sell these in large quantities to Florists for fine strains of out flowers, as well as to our large private trade. We spare no expense or care to procure the best, and to have them what we represent them to be. We have introduced many standard new varieties of them as well as vegetable seeds.

CHRYSANTHEMUMS. Our list is without question the largest and best ever offered.
PREMIUMS FOR GROWING CHRYSANTHEMUMS FROM SEED.
First Premium, \$30.00, awarded to Mrs. Jessie Reysters, Elkton, Ky.
Second Premium, \$20.00, to Mrs. C. C. Terry, Willimantic, Conn.

GRASSES AND CLOVERS. We do a large trade in all kinds of **Grasses, Clovers** and **Forage Plants**. If you are interested in any of these, please note what we offer and say in regard to them. **LUCERNE.**—We were the first to introduce this valuable plant on a large scale last year, and its success has been unprecedented.

Golden Self-Blanching Celery. Our stock is of so superior a quality, we have illustrated it with a colored plate, so none could fail to see it. Don't miss it if you grow celery.

Results of Seeds bought of us. We like to hear what success you have had with our seeds last year. We are not afraid or ashamed to hear from them.

Novelties. Never was our catalogue so replete in good things as this season. Contrary to usual custom, we have placed many things that most would class as novelties in our general list, and charging merely the usual price. Almost every department is fully represented with valuable new varieties,—Vegetables, Flower Seeds, Bulbs, and Plants.

Supplement. Owing to press of time, we are sending our Southern and Pacific Coast editions out without a supplement. In two weeks from now it will be ready. It contains many novel and striking features that our limited space did not allow us to include. Many **Novelties**, special list of **Esulent Bulbs** and roots, list of **Forcing Vegetables**, for large places, keeping experienced gardeners, etc. Sent on application to all our customers.

Premiums have been awarded for our prizes for growing Chrysanthemums, as stated under this heading above. For Vegetable Gardens in the South we have not as yet concluded our awards, but will do so this month. It has been quite a difficult matter, as we had so many good article.

Our Presidential Guess. Certificates for the \$500 worth of plants and seeds are now being prepared.

Discounts. We make the following discount to those who will get up a club or order largely for their own use. Considering our very low prices, we think them very liberal. Please notice that these discounts cover everything offered in this Catalogue, and not merely seed by the packet:

Those sending \$3.00 can select articles amounting to	\$3.30
" " 5.00 " " " "	5.60
" " 10.00 " " " "	12.00
" " 25.00 " " " "	30.00
" " 50.00 " " " "	62.00
" " 100.00 " " " "	125.00

We advise the formation of large clubs, and the above discount will certainly pay anyone for some trouble in that direction. We will also add that everyone who sends an order to the amount of \$10 or more, will receive a magnificent present in some new and choice articles.

Location and Facilities. We not only have the advantage of being located at the **Entrepot** of the Continent—an advantage that is not equaled by any other situation—as we have lines of steamers, bringing and carrying goods to all civilized lands, to all the ports on our coast, and rivers,—trunk lines of railroads,—competing express companies. Goods centre here to be distributed to every hamlet in the land. We not only have all these advantages, but we also have unlimited facilities for handling our goods: cellars some 125 feet long; cold houses for storing vines, shrubs, etc.; bulb-houses; storerooms, warehouses, and land to grow our immense stocks on. Taken together, our facilities are not equaled by any house in our line.

We would like to know how you like our Catalogue when you write us.

Respectfully yours,

V. H. HALLOCK & SON, QUEENS, N. Y.

INDEX TO CATALOGUE

SEE INDEX IN SUPPLEMENT ALSO.

Our Supplement will be mailed after January 15th to all who apply.

VEGETABLE SEEDS.	
Page	Page
Artichoke,	8
Asparagus,	8
Beans, 8, 9, and supplement	8
Beets,	10
Borage,	10
Borecole or Kale,	10
Brussels Sprouts,	10
Cardoon,	18-19
Celeriac,	11
Chervil,	20
Chicory,	12
Collards,	10
Coru Salad,	10
Cress, or Pepper-grass,	24
Cress,	24
Dandelion	24
Egg Plant,	24
Endive,	24
Garlic,	24
Herbs,	24
Kohl Rabi,	24
Leek,	24
Martynia,	24
Mushrooms,	24
Mustard,	24
Okra or Gumbo,	24
Sea Kale,	24
Broccoli,	10
Cabbage,	18-19
Carrot,	11
Cauliflower,	20
Celery,	12
Chard, Swiss,	10
100 Collections of Vegetable Seeds, supplement	14, 15, 16, 17
Corn,	13
Cucumber,	16, 17
Faru Seed,	19
Kohl Rabi,	21
Lettuce,	10
Mangel Wurzel,	22
Melon, Musk,	23
Melou, Water,	23
Narturtium, supplement	2
and Flower Seeds	2
Onion,	2
Parsley,	2
Parsnip,	2
Peas,	2
Pepper,	2
Potatoes,	2
Pumpkin,	2
Radish,	2
Rhubarb, 24 and supplement	2
Ruta Baga,	2
Salsify, or Oyster Plant	2
Scorzoner,	2
Sea Kale, 24 and supplement	2
Spinach,	2
Squash,	2
Tobacco, 31 and supplement	2
Tomato,	32, 33, supplement
Turnip,	2
Vegetable Plants and Roots, supplement	2

FARM, FIELD, AND GRASS SEEDS.	
Page	Page
Bird Seed,	supplement
Buckwheat, New, supplement	3, 4, 5, 6, 7
Clovers,	6
Doura,	14, 15, 16, 17
Field Corn,	supplement and 1
Fertilizers,	4, 5
Grasses for Hay, supplement	10
Grass and Clover Seeds,	3, 4, 5, 6, 7
Johnson Grass,	6
Lawn Grass Seed,	supplement and 1
Lucerne,	4, 5
Mangel Wurzel,	10
Millet,	supplement
Oats,	supplement
Plant Food and Excessor Fertilizers, supplement	supplement
Ramie,	supplement
Sugar Cane,	supplement
Sundry Seeds,	supplement

FLOWER SEEDS.	
Page	Page
Biennials,	45
Climbers,	45
Conservatory Seeds,	45
Everlastings,	45
General List, 38, 39, 40, 41, 42, 43, 44,	45
Ornamental Grasses,	45
Perennials,	45
Specialties,	34, 35, 36, 37
Wild Garden Seeds,	41
Acroclonium,	44
Ammobium,	45
Alyssum,	38
Amaranthus,	38
Anemone,	38
Antirrhinum,	38
Aquilegia,	45
Aristolochia,	53
Begonia,	45
Bellis,	41
Calceolaria,	41
Carnation,	41
Centaurea,	41
Cineraria,	41
Cyclamen,	45
Geranium,	42
Gloxinia,	42
Matricaria,	45
Mimulus,	42
Primula,	40
Pyrethrum,	42
Torenia,	43
Asters,	34
Balsam,	36
Cacti,	40
Calendula,	38
Calliopsis,	38
Campaula,	38
Canna,	39
Candytuft,	39
Chrysanthemum (Hallock's Collection),	60
Coleus,	39
Collectious of Flower Seeds, see supplement	supplement
Dahlia,	1
Evening Primroses, 43, 45	45
Globe Amaranthus,	45
Gnaphalium,	45
Gourds, Ornamentals, 45 and supplement	41
Hibiscus,	41
Lobelia,	41
Lychnis,	41
Marigold,	41
Marvel of Peru,	40
Maurandia,	45
Mesembryanthemum,	42
Mignonette,	42
Morning Glory,	45
Musa,	42
Myosotis,	40
Nasturtium,	42
Nicotiana,	43
Nierembergia,	supplement
Novelties in Flower Seeds, see supplement	supplement
Oxalis,	supplement
Pansy,	supplement
Petilla,	supplement
Petunia,	42
Phacelia,	supplement
Phaseolus,	supplement
Phlox Drummondii,	supplement
Platycodon, see supplement	supplement
Poppy,	supplement
Portulaca,	supplement
Rhodanth,	supplement
Salpiglossis,	supplement
Salvia,	supplement
Saponaria,	supplement
Scabiosa,	supplement
Schizanthus,	supplement
Sedum,	supplement
Smilax,	supplement
Stocks,	supplement
Sweet Peas,	supplement
Sweet William,	supplement
Thunbergia,	supplement
Tropaeolum,	supplement
Verbena,	supplement
Viola,	supplement
Virginian Stock,	supplement
Wistaria,	supplement
Xeranthemum,	supplement
Zinnias, 44 and supplement	supplement

PLANTS AND BULBS.	
Page	Page
Abridged List,	49
Asparagus Tenuissimus,	49
Asters, Hardy,	52
Aquilegia,	45
Anemone,	supplement
Alternatheras,	49
Abutilon,	49
Amaryliss,	47
Azaleas,	supplement
Achanthes,	49
Ampelopsis,	1 and 53
Begonias,	55
Bouvardias,	49
Cannas,	48, 49
Coleus,	49
Chrysanthemums,	60, 61, 62, 63, 64, and supplement
Calla,	49
Clematis,	53
Climbing Vines,	53, 54, 45
Caladiums,	48
Carnations,	55
Cobea,	53, 45
Cyclamen,	50
Dahlias,	1
Delphiniums,	supplement
Dicentra,	50
Dodecathea Media,	50
Eulalia,	supplement
Ferns,	49
Fuchsias,	57
Geraniums,	56
Gladiolus,	46
Gloxinias,	50
Heliotrope,	49
Hydrangea,	supplement
Hollyhock,	55
Hyacinthus Candicans, 50	50
Hibiscus,	supplement
Iris,	50
Ipomea, 45, 53, and supplement	52
Hemrocalis Flava,	52
Honeysuckle,	45
Lantanas,	49
Lilies,	47
Madeira Vine,	50
Montbretias,	50
Moonflower,	supplement
Oxalis, Summer Flowering,	supplement
Pansies,	supplement
Petunias,	supplement
Passiflora,	45
Pinks,	supplement
Phloxes, hardy,	supplement
Paonias,	supplement
Pentstemons,	supplement
Pyrethenums,	supplement
Richardia,	supplement
Roses,	58
Shrubs, hardy, supplement	supplement
Summer Flowering Bulbs,	48, 49
Tigridia,	supplement
Tritoma,	supplement
Tuberose,	supplement
Violets,	supplement
Verbena,	supplement
Vinea,	supplement
Vegetable Plants and Roots, supplement	supplement
Wistaria,	supplement

MISCELLANEOUS.	
Page	Page
Collections of Seeds,	supplement
Garden Implements,	supplement
Garden Tools, etc. supplement	supplement
Insecticides,	supplement
New Features,	supplement
Novelties in Seeds,	supplement
Premiums,	2, 3

Where Supplement is mentioned for any article, see Index to Supplement.

Supplement contains:—Collections of Flowers and Vegetable Seeds—Great Miscellaneous Collection for \$1.00—List New Potatoes—List Esulent Bulbs and Roots, mostly ornamental—Special List for Gentlemen's Gardeners Seeds for Forcing, etc.—New Plants—New Dahlia, the finest ever offered—East Indian Mountain Fleece—New Collection Frost Proof Plants, very desirable, etc.

BULBS. We grow 80 acres of bulbs and plants. We believe that we stand at the head of the bulb trade to-day.

Climbing Vines (Pages 53 and 54). Please notice particularly, and our offer in the heading.

Summer Flowering Bulbs. Never was so fine a list presented.

Gardeners and GENTLEMEN keeping **GARDENERS.** We have many applications from reliable, experienced men in this line to situations. We are pleased to give you their addresses and recommendations fully as possible. Gardeners applying to us will please give us as full particulars as possible as to their capabilities, references, etc.

HALLOCK'S LAND ENRICHING GRASSES.

SAINFOIN (Double Cutting)—A wonderful grass for sandy, dry, thin soils. Read the description carefully.

What I want is
Sainfoin. It will grow
a saffron-yellow
and when you
it under it
I make it
look as your
fat. Too bitter
for cattle—but
keep like it.
Cut it and let
it lay without
special pains
and sheep
will dig it
out under
the snow.
I saw every
ear like
a pea.



SAINFOIN, ALSO CALLED ESPARSETTE.

Not only is our list of Grasses the most complete, our descriptions drawn from our own and customers' experience from all quarters of the country for many years, but the quality of our seed is of the highest order. Take for instance **LUCERNE** seed; much that is offered is ruinously mixed with **Dodder** seed, the pest of all pests when once introduced, and the ruin of a great proportion of the clover fields of *France*. Also much shrivelled and weather-spoiled seed is mixed through, making it dear at any price. We warrant our Lucerne free from Dodder and to be of the very finest quality, all new seed; Sainfoin the same way. The Double Cutting brand is far superior to all others. **BERMUDA GRASS** seed we pride ourselves on. The seed is heavy, bright and fresh. Texas Blue Grass seed, Alsike, and so on to the end of the list. As people are beginning to realize **Grass** is the basis of all wealth, they are studying the matter more thoroughly. They not only want grass, they want a land-enricher also. We want an early soiling, early pasture grass, a summer tender grass, a fall crop, and **SOUTH**, a winter grazing grass; all can be had by a very little study of the matter, and you can find it all in our grass list. Then we have our **MILLETS**, **Teosinthe**, Kaffir Corn, etc., to work with the grasses, giving the intelligent worker a complete rotation of crops.

We claim to be the most enterprising importers and growers of new grasses in the country, and to do the largest retail business in this line. In addition to our connections with growers in all sections of this country, we have houses in Europe, Japan, Syria, Mexico, Australia, Africa, and South America, that are constantly on the lookout for valuable new varieties for us, and we have over 30 new grasses now being tested. Our grasses are brought from countries where the seeds mature in great perfection, thereby insuring the highest germinating qualities and most luxuriant and vigorous growth. Do you appreciate the importance of grass? Have you ever thought that it comprises five-sixths of the value of all the vegetable products of this country? A noted English writer says: "Grass is king. It rules and governs the world. It is the very foundation of all commerce. Without it the earth would be a barren waste, and callous; gold and commerce all dead." Prof. Vasey writes: "The grazing interests of the country are of the highest importance, and information respecting new grasses which are adapted to cultivation in special localities is very much desired." By its much milder climate, and the greatly lengthened season of vegetable activity, it would seem that grazing interests would be much more extended in the South than in the North, but such is not the case. This fact is attributable to several causes, among which is the general complaint of the want of reliable grasses and forage plants adapted to the climate. Sufficient importance has not been given to the growing season of different kinds of grasses. Some kinds grow and thrive best at a low temperature, and others require the fervid heat of summer to start them into activity. "No grass can be obtained which will grow vigorously throughout the entire year. Hence, in the South, the stock-grower must provide a series of pastures, some for winter and some for summer use. The great want has been a reliable and productive winter grass." We are especially interested in grasses for the South, and every letter containing information about them, or asking questions concerning them, is sorted from our large mail, marked "For special attention," and carefully noted and answered. We give a list of varieties for the North and West, with the time they furnish pasture or hay:

SPECIAL GRASSES FOR THE NORTH AND WEST:

- For Early Spring Feed { Alsike, Red Clover Medium, Sainfoin.
- For Mid-Summer { Lucerne, Golden Millet, Orchard Grass.
- For Fall Feed { Lucerne, Millet, Red Top.

CRIMSON CLOVER (*Trifolium incarnatum*).

Sow about 10 lbs. to the acre. It is an annual grass, growing 18 inches to 2 feet, with rank and handsome foliage. The best time to sow the seed is August, September, and October. In the South it will yield a crop 5 to 6 months after sowing, and furnishes what is so much needed in the South, early fodder—being ready to pasture or cut more than a month before Red Clover. It is excellent for soiling and cutting for hay, making a very rich food, and yields more than one crop a year. It succeeds on nearly every kind of soil, standing Northern winters



CRIMSON CLOVER. More largely used in Virginia than any other section, but we believe it equally as valuable over much of the South and North. It furnishes the first early feed in the spring for pasture, soiling, or hay. Can be sowed after an early crop has been taken off the ground.

and Southern sun. It enriches the land, and leaves it in the best possible condition to be followed by other crops. It catches very easy, and can be sown with good success on oat, barley, or other stubble, by simply giving them a good harrowing. The flower is beautiful, being a dazzling scarlet, and is used for decoration purposes. A native of Italy, and the standard food for the stock on the scorching plains of that country and France. Per pound, by mail, 25 cts.; by express or freight, 15 cts. per pound; 10 pounds, \$1.40; per bushel, \$7.50.

SAINFOIN (Double Cutting *Onobrychis Sativa*, called also *Esparsette*, *French Grass*, or *Holy Hay*).

Seed weighs twenty-six pounds to bushel; sow four bushels to the acre; in early spring seed is quite large, and requires covering a little deeper than most clovers; no grass requires so little pains in curing as Sainfoin. This is another of the land-enriching luxuriant heat-resisting clovers. While it does equally as well in the North and cold climates, it is one of those wise provisions of Dame Nature's, to try and equalize her blessings by giving to those who dwell on sterile soil (as if she felt somewhat guilty of making such) something that will produce as much food and comfort as a more fertile soil. Great dependence is made on this in many parts of Europe where other grasses cannot be grown profitably. In England, we have record where Sainfoin has been growing on poor land for twenty years, and so far improved the fertility of the soil, that from \$1.00 per acre it readily brought \$7.50 (rent). Morton says: "There are many parts of the United Kingdom in which the farmers could not pay their rents without the use of this crop." It thrives best on chalky and sandy soils, dry gravel, etc.; also loams and clays, if not too stiff or too deep. On poor sand lands in Norfolk, England, almost worthless for anything else, it will produce (after the first year), 1 or 2½ tons of cured hay per acre, of excellent quality. After being mowed, it is extremely valuable to turn sheep and lambs on. The land should be as free from weeds as possible. It can be sown with barley or oats, and harrowed in, growing 2 to 3 feet high, with roots penetrating to a great depth. Flowers about the same time as red clover. It is a perennial, and the stand improves by age. In nutriment and flesh-forming properties, it is equal to any clover. Do not buy Sainfoin from persons you do not know, as there is a very inferior article that can be had at less than quarter what the true article, known as "Double Cutting," can be had for. By mail, 25 cts. a pound. By express or freight, 15 cts. a pound; 10 pounds, \$1.40; per bushel, \$3.25; 100 pounds, \$11.00. Sainfoin and Yellow Trefoil make a good mixture.

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We give a list of varieties for the South, with the time they furnish pasture or hay:

SPECIAL GRASSES FOR THE SOUTH:

- For Summer Use { Lucerne, Bermuda Grass, pasture and hay. Louisiana Grass, pasture. Johnson Grass, hay. Crimson Clover, early feed. Golden and Texas Millets, Sainfoin, Japan Clover, pasture. Red and White Clover, pasture and hay.
- For Winter Use { Texas Blue Grass, pasture. Rescue Grass, pasture. Texas Millet, hay for winter. Bur Clover, pasture. Tall Meadow Oat Grass. Orchard Grass, pasture. Perennial Rye Grass.

Trial \$1.00 Collection Grass Seed for the SOUTH.

- 1 large packet Lucerne.
- 1 " " Bermuda Grass Seed.
- 1 " " Texas Blue Grass Seed.
- 1 " " Sainfoin.
- 1 " " Japan Clover.
- 1 " " Rescue Grass.
- 1 " " Golden Millet.
- 1 " " Crimson Clover.
- 1 " " Tall Meadow Oat Grass.
- 1 " " Johnson Grass.
- 1 " " Seradella.

Trial \$1.00 Collection Grass Seed for the NORTH.

- 1 large packet Lucerne.
- 1 " " Mammoth Clover.
- 1 " " Alsike.
- 1 " " Sainfoin.
- 1 " " Golden Millet.
- 1 " " Seradella.
- 1 " " Lupin.
- 1 " " Johnson Grass.
- 1 " " Orchard Grass.
- 1 " " White Clover.
- 1 " " Red Top.

ALL BY MAIL FOR \$1.00.

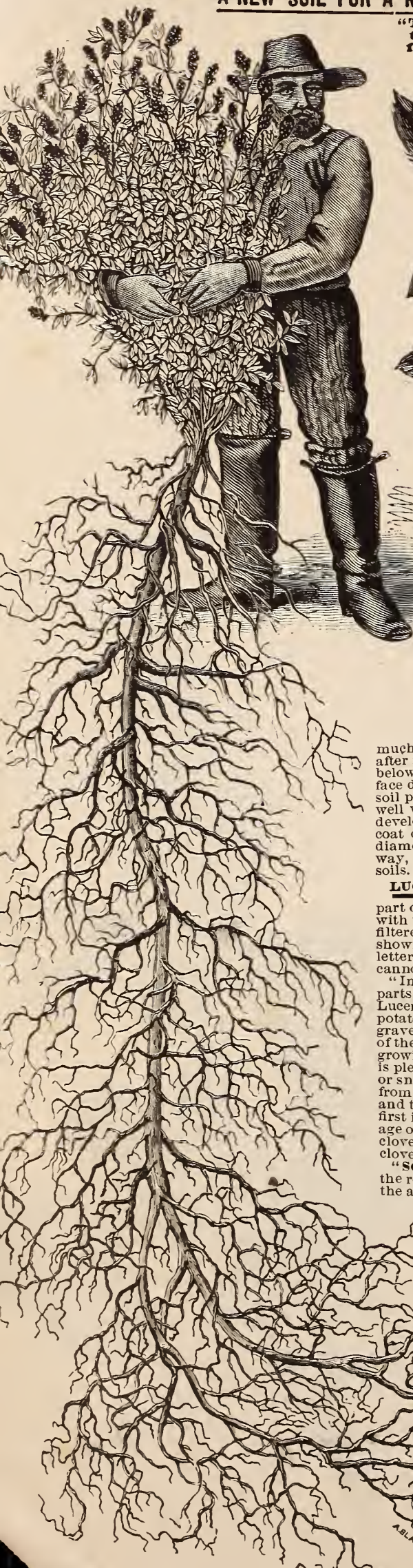
ALL BY MAIL FOR \$1.00.



CRIMSON CLOVER.

A NEW SOIL FOR A NEW PLANT.

"The Profit of the Earth is for all."



Under our feet there is a fortune for all. Make your land rich, and grow rich while you are doing it.

HALLOCK'S "FOURTH-CUTTING" LUCERNE.

A VALUABLE NEW FERTILIZING FORAGE PLANT.

"The Desert shall Rejoice and Blossom as the Rose." READ WHAT PRACTICAL FARMERS SAY OF IT: Why Lucerne should be planted by all who own or hire a foot of soil. As a forage plant or for soiling green, and curing for hay, it has no equal.

Lucerne is not confined to any one locality. IT ABSORBS MORE AMMONIA FROM THE ATMOSPHERE THAN ANY OTHER PLANT.

DAKOTA. Agricultural reports from this State say North-west, and is likely to become the future forage plant of Dakota.

ALABAMA, Texas, South Carolina, New York. We received equally favorable reports, and in California, Colorado, Utah, it is the perfection of all grasses for food.

We were the first to introduce it to general use; we predict that it will spread like wild-fire.

Because the first crop, for soiling, is ready in May; the second crop, for hay, in July; the third and fourth crops in five weeks after; can be used for hay or for soiling green. The roots, extending 10 to 20 feet down, make it stand up and grow fresh and green through the most severe and extended drouth. Under proper management, it will yield 12 tons to the acre. Six tons is a small yield. Horses, cows, hogs, and sheep are extravagantly fond of it. Horses will do more work and keep in finer condition than on almost any other feed. It makes the largest quantity of the richest milk and butter. Makes flesh and sinew. All stock fed on it thrive and enjoy the best of health. The roots are so long and go so deep (10 to 20 feet), frost cannot heave or throw it out in winter. One sowing will stand for ten years, and instead of impoverishing the soil, it increases its fertility. As a FERTILIZING and LAND-ENRICHING CROP, it has no equal. It is verily making the "Desert blossom like the rose," for many sections where a blade of grass would not grow, and the soil was condemned as "bad lands," are now, by planting Lucerne, increased in value ten-fold, and teeming with profitable industries and a happy people. In some sections the soil is worked out down to the depth of plowing and the extent of ordinary plant roots. Other sections are worthless from little rain, severe droughts, and the top soil being void of chemical ingredients or decayed vegetable matter, while the subsoil holds the leach, marl, and phosphates of ages.

Lands worked out on the surface, hold the leach below of much fertilizing material that has been applied for years. The roots of Lucerne go right down 10 to 20 feet after not only this, but through stratas containing material not on the surface, uniting the ingredients below with those in the atmosphere. At the same time sustaining the plant through the most severe surface drouths. On sandy, thin, worthless lands, and those in the arid region where intense heat and thin soil parches all vegetation to death, Lucerne sends its roots down to moisture, and acts as an artesian well with both moisture and fertilizing material, bringing both to the surface for the atmosphere to develop into luxuriant vegetation. And when plowed under when about 18 inches high, it is equal to a coat of manure, twice as good as clover, and grows where clover will not. The roots are 1 1/2 inches in diameter, and, as you see, make a wonderful quantity of fertilizing matter. When plowed under in this way, it leaves the ground perfectly clean, all roots decaying rapidly. It grows on the thinnest sandy soils. It grows in the greatest drouths. It makes poor land richer. It will not heave out in winter.

LUCERNE A SPLENDID FERTILIZING PLANT.

How can plants increase the fertility of the soil? In two ways: One by adding to it that part of themselves which they obtain from the air, and the other by searching many feet into the ground with their roots, and bringing to the surface the chemicals and fertilizing material stored there and filtered from the surface for ages. This is Lucerne's method of benefiting the soil, and this illustration, showing the roots searching for new food, explains, as nothing else can, its value, and why it has it. This letter, from a practical farmer, so completely explains and answers every point and question, that we cannot add to it:—

"In September I wrote a short article about Lucerne. I have received letters concerning it from all parts of the country, and at the request of my friends all over the Union, I will talk a little more about Lucerne, its habits, uses, and culture. Lucerne will grow on any land that will produce wheat, corn, and potatoes, and will thrive on many lands that none of these will grow on, especially very light sand or gravel, though it does well on clay. But it will not grow on any land that the water stands within 1 foot of the surface, and there is no use in sowing it in an alkali that is strong enough to keep wheat from growing. Though particular about wet land, it will stand any amount of wet in summer, as long as there is plenty of drainage. It will also stand all of the water in the winter that may fall in the shape of rain, or snow that may melt. It is a very quick grower, and will mature the first crop in about two months from the time that growth commences. The second crop will mature in about six weeks from cutting, and the third in about five weeks from cutting of the second. The second crop is the heaviest, but the first is a little the best for feed, as it grows a little longer than the others. It will yield about an average of 6 tons per acre, and I have known it to produce double that quantity. It is a perennial of the clover tribe, but will out-yeild it two to one, makes just as good feed, and has a great advantage over the clover, for it never falls down, but stands up straight.

"SOWING.—The seed should be drilled in rows 18 inches apart. A narrow plough can be run between the rows as often as necessary, followed by smoothing harrow. About 12 lbs. of seed should be sown to the acre. Wethersfield onion drill may be used to sow the seed.

"The best method is to sow broadcast about 15 lbs. per acre where the land is in good condition, but on very weedy land or clean gravel or sand that is very poor, put about 3 lbs. more. You cannot get any crop from it the first year, but do not get discouraged if the plants are on an average of 10 inches apart, little, slim, single stems about 4 or 6 inches high. Your prospect is good that you will get 4 tons per acre next year, and the next it will be as good as ever it will, and stand that way for ten years. It is best to sow with grain. Oats are the best; thus you will lose no time, but can have a crop from your land every year. In fact, it does better to have it shaded when young. Sow at the same time that you do spring grain."

Since the following was written it has been fully demonstrated that sowing in drills with some cultivation, keeping weeds down the first year, will amply repay the trouble. See report of New Jersey Agricultural Society.

"Here it may be proper to remark in connection with the sowing of all small seeds, whether of forage plants or grasses, that if they are covered an inch deep, vegetation is doubtful, and if a clot is turned over upon them they will not vegetate at all. The seed-man is often blamed when the fault is in too deep covering by the farmer."

"**CULTIVATION.**—Where there is plenty of rain, there is no cultivation needed, for it would be unwise to manure it, as it thrives fully as well on washed sand as it will on the best garden spot, but in a few years it will make clear sand a rich land, owing to the decay of the root. The roots will sink themselves for a distance of 10 to 20 feet straight down. They are about 1½ inches in diameter, and fully one-half of that root decays every year from the outside, and keeps growing larger from the centre every year.

"It should be cut when in full bloom. A little old is better than too young; when the bloom is ready to fall off is not too late. Do not cut too much at once, for if you allow a rain to come on your hay after it is cut, it will not be worth more than one-half for feed, and will be entirely worthless for market. Heavy dews are not good either. Rake into windrows if cut with a mowing-machine, and let dry until it begins to let the leaves fall when handled roughly, then pick it up and lay it in piles, just one forkful in a pile, to cure. Do not roll it together or it will not load easily. Then you will have to pull it to pieces, thus losing one-half of the leaves. By following my directions you can put each on perfectly clean at one forkful, and not waste time nor any of the leaves. But right here let me warn you against condemning it as a worthless lot of sticks, until you try your horses and cows, and see them clean up the sticks before they do the leaves. There are not many animals that take to it when dry, without having it in their manger for a few days with other hay; but in a few days you will see the grass hay left, while the Lucerne is cleaned up. A ton of Lucerne will not go quite as far as a ton of Timothy. Do not let hungry cattle get on it while green, especially when wet, for it will bloat them, which is apt to result in death. If you wish to pasture it, first feed your stock all that they can and will eat, and then turn them on the green Lucerne, and no harm will come to them. It is the best thing to renew old, worn-out land that I ever saw, and there is not a weed or anything else in this country that can stand before it.—A. H. M., MORONI, UTAH."

"I was heartily pleased to see your article about Lucerne. Now, my friend, this article leads me back over sixty years, to my boyhood and to the garden spot of Germany, near Magdeburg, where I have seen thousands of acres in Lucerne. It is a feast for cows, horses, and sheep. There is no better food for milch cows than Lucerne. It makes plenty of rich milk, and horses and sheep are fat and lively."

MR. C. W. HOWARD ON LUCERNE.

As a forage plant at the South, Lucerne is very far superior to all others. It is used for two purposes: First, for feeding green or soiling; used in this way, it is best to cut the Lucerne a day in advance, so as to feed it in a wilted state. *It must never be pastured.* Live stock pasturing it bite out the crowns of the plants and kill them. When fed green it may be given to horses, cattle and hogs. Horses fed upon it when not at work need no grain; when at work one good feed of grain a day is sufficient. Hogs will keep in good order on green Lucerne cut and thrown them.

Lucerne hay is extremely nutritious, and is relished by horses, cattle and sheep. So far as the observation of the writer extends, it is preferred by the domestic animals to any other kind of hay.

The product of Lucerne is enormous. Five tons of excellent hay may be cut from 1 acre of ground planted in Lucerne. It is estimated that fodder, green and dry, may be obtained from an acre of Lucerne

for the support of 5 horses during the entire year—this includes the great bulk of green food during the spring, summer and autumn.

In this latitude Lucerne is not green during the months of December, January, and a part of February. In the low country it would probably be green all the year. In this section it commences its growth during the latter part of February, and gives its first cutting early in April, even before the wild grass begins to spring. It is ready to cut fully a month in advance of red clover. The rapidity of its growth is excelled only by asparagus.

The root is perennial, lasting 10 or 15, or perhaps more years. These roots become as large as small-sized carrots. Five acres of Lucerne on this farm were destroyed during the war by being grazed by Sherman's horses and cattle. After that the ground was left riddled with holes, giving it the appearance of a locust year. The succeeding crop of corn was very heavy. This might have been expected in view of the fact stated by Ville, that **Lucerne absorbs more ammonia from the atmosphere than any other plant whatsoever.** This is a point, however, of little practical utility, as no one having a field of Lucerne would plough it up for any other crop. Great care must be taken in saving Lucerne hay. If it is too much exposed to a hot sun, the leaves crumble and fall off. The prevention is to put the Lucerne cut in the morning into small cocks in the afternoon, open them for a little time next morning after the dew is off, and haul immediately to the barn. These cocks should not be more than 6 feet tall, and as small around as can be made to stand. The hay is cured, as it were, in the shade, the wind or air circulating it through the cocks.

Whenever Lucerne turns yellow it should be mowed, no matter if it has not attained its full height. The yellow color is an evidence of disease, or the ravages of some small insect. Lucerne should be cut as soon as it is in blossom, after this the stems become hard and woody. It does not reach perfection until the third year. The yield is, however, heavy the first year as compared with other forage plants.

Notwithstanding all precautions, some weeds and crab-grass will appear the first year. These must be repeatedly mowed, so as to prevent their going to seed. If they are annuals they will give you no trouble after the first year.

The ground designed for Lucerne should be made as clean as possible. In its first year it is delicate, and in very rich ground is liable to be smothered by weeds, and especially crab-grass. All perennial weeds, as dock, plantain, thorn-apple—or in the vernacular, "Tread Soft"—should be carefully exterminated. Either Bermuda or Blue Grass, or in fact any stoloniferous perennial grass, would be very hurtful to it. In view of this necessity a cleansing crop should precede it, as cotton or turnips, fed on the ground by sheep.

If barn-yard manure be used, it should be perfectly rotted, so as to contain no seeds of weeds. If it be not rotted, it is best to use one of the commercial manures. One should be selected which contains a small amount of ammonia, and a large percentage of phosphate and potash. 1000 pounds of this manure to an acre would not be at all too much. This should be thoroughly harrowed in before the seed is sown. A top dressing should be given every third year.

It may be said that the process of preparation of land for Lucerne is very expensive. That is true. But let us compare this expense and the results. Suppose an acre of land to be worth \$10, and the cost of ploughing, harrowing, manure and seed to be \$40, in all \$50. 5 tons of Lucerne hay, if it be sold at \$20 per ton, is \$100, a very good interest on \$50. In most localities where there is a market for hay, Lucerne would command upwards of \$30 per ton. It should also be remembered that the results of the expenditure last for a term of years, and not for one year, as in the case of corn, cotton, or grain crops.

Lucerne is a child of the sun. It is a plant of a warm climate. Its long tap-roots render it comparatively insensible to drought. It grows as well at the South as it does in France or Italy. Yet it may be doubted if there are 10 acres of Lucerne on any one farm at the South. While we have a plant which yields hay of a better quality and double in quantity, as compared with any grass grown North, our railroads are groaning under the weight of Northern hay.

Every farmer should have an acre or more of Lucerne near his stable, according to the number of his horses. In no other way can he provide for them a fodder so cheap and nutritious. The practice is growing among persons living in our villages, to have a clover lot to provide hay, or cut green food for their cows and horses. Such persons will find Lucerne to be much more valuable than clover, both as to quantity and quality of the food produced.

REPORT OF THE FIRST YEAR'S GROWTH OF LUCERNE UPON THE NEW JERSEY STATE FARM. (NEW BRUNSWICK.)—The ground had been in corn the preceding year; it was not believed to be specially fitted for Lucerne, for the subsoil is a rather compact clay. It was prepared on the 28th of April, yard manure having been used at the rate of 15 tons per acre. A warm rain fell almost immediately after the seed had been sown. The drilled plot was cultivated with a wheel hoe on the following dates: May 26th, June 2d, and June 9th. The broadcast plot was overrun with weeds and grass.

The first blossoms were noticed June 25th, and on June 29th the Lucerne was found to be 40 inches tall. The first cutting was secured July 7th, 70 days from the date of seeding; the yield was *seven and three-tenths tons of green fodder per acre.* The weight of the crop from the broadcast plot was not recorded.

The second growth upon the drilled plot was 10 inches tall on the 19th of July; it had stood in a remarkable manner, eight stalks being noted upon many roots. On this date it was cultivated for the last time.

On the 18th of August the plants stood 28 inches high; the second cut from the drilled plot was secured on that day, and yielded *eight and seven-tenths tons of green fodder per acre,* this growth having been made during an interval of 40 days.

On the 26th of August the third crop was 6 inches tall. It was cultivated on this date, and again cultivated on the 11th of September. The ground at this time was baked hard, for no rain had fallen for a long time; the Lucerne was, however, of a bright green color and stood 22 inches tall; the first rains came on the 12th, 13th, and 14th of September. The third and last cut was secured on the 27th of September; no blossoms were noted. It yielded *four and six-tenths tons of green fodder per acre.*

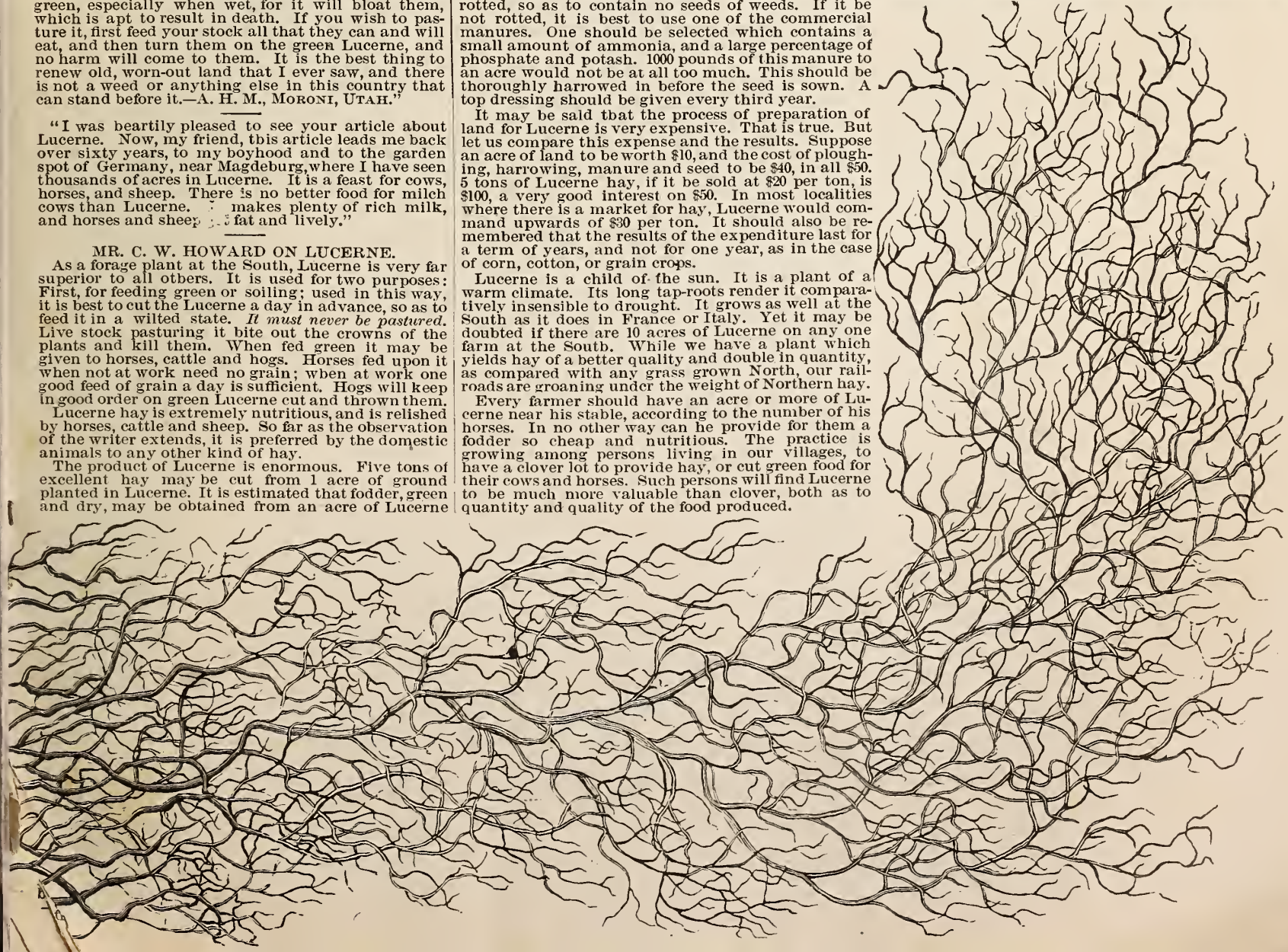
The total yield of green fodder per acre from ground seeded April 28th, was therefore *twenty and eight-tenths tons.*

As above stated, no record of yields from the broadcast plot was taken, because of weeds and grasses with which this plot was infested. The catch of Lucerne upon it was, however, very good, and its outlook for the season of 1888 is encouraging.

CHEMICAL COMPOSITION OF THIS CROP.—Each cut of Lucerne was sampled immediately after the crop was secured.

The chemical composition of the green fodder has been computed to the hay basis, in order to compare Lucerne with dried clover and other well-known feeding materials.

The comparison shows that the 20.8 tons of green fodder would dry to 4.4 tons of hay, and that this hay would contain, in round numbers, *90 per cent. more fat and 45 per cent. more protein and ash than the average for dried clover.* For feeding purposes it is practically identical in chemical composition with best wheat bran.



The most marked difference occurs in the ash—the Lucerne exceeding the bran by more than 50 per cent. as regards the total amount present. A ton of the bran contains nine times as much phosphoric acid as a ton of Lucerne hay, but a ton of the hay contains twice as much potash as a ton of bran.

REPORT OF THE FOURTH YEAR'S GROWTH OF LUCERNE UPON THE FARM OF MR. G. W. THOMPSON, STELTON, N. J.—As stated in the Eighth Annual Report of the N. J. Exp. Station just received, the Lucerne upon this farm was seeded in 1884. At the time of the following record it was, therefore, in its fourth year. That part of the field upon which an experimental plot was staked off in 1886 was injured somewhat by standing water and ice during the following winter; for this year's work, consequently, it was necessary to select another section of the same field upon which the crop was possibly above the average.

On the 11th of June the plants were 40 inches tall; two-thirds of the blossoms had disappeared and the stalks had already become somewhat woody. The first cut yielded 7.2 tons of green fodder per acre.

On the 28th of July the second growth of Lucerne was 32 inches tall; it was also over-ripe, for in many cases seed-pods were formed. It yielded 5½ tons of green fodder per acre.

The third cut was secured September 19th; the Lucerne was then in blossom, but no seed-pods were found. This cut yielded 3.2 tons of green fodder per acre.

The total yield of Lucerne for the fourth season was 15 and nine-tenths tons of green fodder per acre.

Mr. Thompson's crop of 16 tons of green Lucerne per acre would have been 4 and four-tenths tons of extra dry hay, an amount identical in weight with that which could have been secured from the College farm crop of 21 tons of green fodder per acre. All indications, particularly the percentages of water, ash and nitrogen, point to the fact that this crop of Lucerne was not as ripe as Mr. Thompson's.

The following statement illustrates the feeding value of Lucerne: 100 pounds of the dry Lucerne hay which could have been secured from Mr. Thompson's crop would have contained 2.95 pounds of fat, 28.43 pounds of fibre, 15.52 pounds of protein, 38.06 pounds of carbohydrates, of which the following amounts could be digested and assimilated by a healthy milch cow: 1.15 pound of fat, 11.37 pounds of fibre, 11.95 pounds of protein, 24.74 pounds of carbohydrates. If 25 pounds of such hay were fed daily to a cow of 1000 pounds live weight, said cow would consume the following amount of digestible food: 2.99 pounds of protein, 30 pounds of fat, and 12.35 pounds of carbohydrates—a ration as near the theoretical standard as practical men would consider desirable.

Cattle on our Western ranges thrive with no other food than that obtained by grazing; it seems reasonable, then, that Lucerne may be used in the East to the exclusion of feeding stuffs. If 25 pounds of hay or its equivalent in green Lucerne will support a cow for one day, an acre of Lucerne, yielding 4.4 tons of hay, should support an ordinary cow for one year.

PRICE OF HALLOCK'S FOURTH CUTTING LUCERNE, free from Dodder and all foul seeds—bright and fresh. Pkt. 25 cts.; 1b. 40 cts. by mail. 15 lbs. (enough for 1 acre), \$3. 1 bush., 60 lbs., \$10. 500 lb. lots at 15 cts. per lb.

JAPAN CLOVER (*Lespedeza striata*)

Bush, 16 lbs.; sow 10 lbs. per acre. Our pamphlet on this valuable plant, giving full particulars of its value, uses and cultivation, sent free with every order for 10 lbs. Sow in the extreme South in fall, but usually sow in February and March. A perennial. A summer pasture from March to November in the Southern States, from Virginia, Tennessee, and Kentucky southward. Hogs eat it ravenously. Chickens feed on it when the grass is young. Grows on poor soil 3 to 8 inches, on good land 12 to 16 inches. While in Tennessee, we have reports of it growing 30 inches high; an excellent hay when it grows high enough to cut. Grows in pine timber. This clover is fast becoming exceedingly popular throughout the South wherever known. It is destined to become an important factor to the Southern people, both as an ameliorator of worn-out lands and for your pockets. This clover has so many good points, we regret we have to touch on each so briefly. In nutritive value, by analysis, it is far above Red Clover, and one-third greater than Timothy. It contains less water than most clovers, and does not cause cattle to bloat or scour. It is also free from all fungous growth that so often injures, and not infrequently kills, many cattle. It can be grazed closely the entire season without injury, and is much more easily cured or dried than other clovers, and the foliage does not rattle off so easily. While it is naturally of a dwarf habit, it will in many localities reach the height of 2 feet, and produce 2 to 4 tons of the best hay, which is relished greatly by all stock in winter. All animals, cattle, sheep, horses, mules, and swine eat it eagerly, and produce a large quantity of beef, mutton, and pork of the best quality; it produces an abundance of superior milk and butter. It grows on sand, gravel, bare clay hills, banks or gullies, pine thickets, and open woods. It will eradicate blackberry bushes, and has, in many sections, completely rooted out the bitter weed which damages the flavor of milk and butter. It is said to exterminate or kill plants that are fatally poisonous to horses and cattle. On more fertile soil it grows 2 to 3 feet, and sends down a long tap-root deep in the sub-soil. It is the summer pasture for the South. A patch of this for summer, and one of Texas Blue Grass for winter, we have perfect perpetual pasture. 1 lb., by mail, 40 cts.; 10 lbs., by express, \$3.50, 1 bush. (16 lbs.) \$5.50.

YELLOW TREFOIL (*Medicago lupulina*)

May be cultivated either alone or with other grasses. Requires about the same treatment and soil as clover, although thriving in dry and inferior soils. It sprouts very early in spring, is of excellent quality, and is considered a fine pasture for sheep. Fifteen pounds to the acre. By mail, pkt. 10c., ½-lb. 15c., 1 lb. 25c. By express or freight, 10 lbs. \$2.00, 100 lbs. \$15.00.

ALSIKE, OR GIANT WHITE CLOVER (*Trifolium Hybridum*)

While this variety is of the greatest value for the Northern and Middle States, also down to and in the Blue-Grass Region, we have reports, speaking of it in the highest terms, from Virginia and other Southern States. It is a perennial, therefore adapted for permanent pastures or for hay crop. Perfectly hardy; never heaves or throws in the winter, thrives equally well on wet or dry soil, through extreme droughts or excessive rains. Grows on clover-sick land, and yields a heavy bulk of herbage where no other clover succeeds.

Mr. Chauncey Miller says of it: "We find the Alsike Clover a very superior grass in the following points: 1. For its value as a hay crop on a great variety of soils. 2. For its fineness of stalk or haulm. 3. For its multitude of sweet flowers; blooming, perhaps, three or four times as much as Red Clover, making, when in bloom, literally, a sea of flowers. 4. Its adaptability to heavy soils, clays, or heavy clay loams (as well as sandy soils), not being so liable to heave out by frosts in winter and spring as Red Clover, being the product of a cross between the red and white clovers, originated in Sweden. 5. To all farmers who keep bees largely, the crop would be of great value in its season of flowering, which lasts about 6 weeks. The bees are continually on it from 'dewy morn until dusky eve.' 6. The stalks retaining their greenness when the seed is ripe. 7. It holds many weeks in bloom, thus giving the farmer lee way of time and weather to secure the hay crop."

T. W. Briggs, of West Macedon, in *Country Gentleman*, says of it: "The Alsike is erect and branching like the red, throwing out its flower-stalks at every branch, and is in bloom early and late, the lower heads being ripe, while fresh blooms are opening at the top, thus affording a longer season for the accumulation of the sweetest of sweets. The flowers partake of the white and red, being a very delicate pink or rose, and the root, in our loamy soils, penetrates to the depth of 18 to 20 inches, and is a tap-root, like that of the red clover, hence it may be inferred that it is equally as valuable for enriching the soil. For hay, when grown with timothy, it is much superior to the common red clover, as it is not as coarse, and is more prolific of flowers and seed. Three to four pounds of seed is sufficient to seed an acre, with the usual quantity of timothy, if properly distributed."

The *Southern Planter* says: "In early spring, sowed one pound on a quarter acre, it germinated well, and, like red clover, not only made a good stand, but in the following spring it came up well, and on the 16th of June stood from 20 to 30 inches high, and was covered with blossoms and bees. The bloom is like that of the white clover, folding back in such a way as to enable the bees to get into every part of it, while on the red clover, coming up on the same patch, you seldom or never see one."

E. T. Bryan, Calhoun County, Michigan, says of Alsike clover: "I have tried Alsike by the side of red clover, four successive years, seeds sown at the same time and in the same field, and find that cattle, horses, and sheep will not graze on the red clover so long as they can get a good bite on the Alsike. My experience is that there is no clover equal to it for the purposes of feeding cattle, sheep, and horses, and I believe it to be equal to the Red Clover as a fertilizer. It will flourish on both dry and moist land; does not suffer from the severest frost or drought, as red clover does. Is as free from fuzz or dust as Timothy, hence it will not cause horses to cough or heave, as red clover hay does. It will grow from 1 to 2½ tons of superior hay to the acre, according to the season. It yields two mowings annually, if cut expressly for hay when in full bloom, which, in this latitude, is generally the last of June or the first of July. But if cut for seed, it should stand about two weeks later, then affording abundance of superior pasturage for all kinds of stock. The seed is cut from the first crop."

The Alsike, when left to seed, has its stalks yet green when its seeds are ripe, and produces much better hay than the red clover, when cut for that purpose. Sow the same as Red Clover—from 7 to 10 pounds per acre. When sown with wheat, oats, or barley, 4 pounds per acre is sufficient. By mail, pkt. 10c., pound 30c. By express or freight, 8 pounds \$1.50; 25 pounds (enough for 3 acres), \$4.50. 60 pounds (1 bush.), \$10. Every agriculturist should give all new and valuable clovers a careful trial.

MAMMOTH RED, OR PEA VINE CLOVER (*Trifolium Pratense Perenne*)

—60 lbs. to bush., actual weight 64 lbs. 8 to 12 lbs. to acre, if sown on wheat or rye; 20 lbs., if sown alone. Marked perennial character, lasting longer than any other variety. Ripens same time as Timothy. The two do well as a mixture for hay or pasture, also sow with Orchard Grass. Does better far North than any variety, also does well throughout the whole country. Sow in Northern States in spring; South, in fall or very early spring, 5-6 ft. high.

From Virginia, and other Southern States, we have flattering reports from it. Another point, bear in mind, it ripens after the Common Red, and with Timothy, making it very valuable to mix for permanent hay crops. The Common Red dies out after a year or so, and we have nothing but clear Timothy left, while this lasts as long as the Timothy, and we have double the crop and better quality of hay. It is, without doubt, an extremely valuable fertilizer when plowed under green. In Monroe Co., N. Y., they are raising larger crops of wheat by plowing under clover than they did 40 years ago. 25c. per lb. by mail; 10 lbs. (enough for acre), by exp. or freight, \$1.40; ½-bush. (30 lbs.), \$3.50; 1 bush., \$6.

COMMON RED, OR MEDIUM CLOVER (*Trifolium Pratense*)

—60 lbs. to bush., actual weight 64 lbs. to bush. 8 to 12 lbs. per acre with wheat or rye; 20 lbs. per acre if sown alone. Higher in nutriment than the others, but not so permanent in character. Sow in fall and spring in the South. In spring only in the North and West. 3 to 4 ft. high.

Rather higher in nutritive properties for feeding, and equally valuable to turn under for enriching purposes. It is not as hardy in growth, and runs out very much sooner than the Mammoth. 25 cts. per lb., by mail, 10 lbs., by express or freight (enough for 1 acre), \$1.40; ½-bush., \$3.50; 1 bush., \$6.00.

COW GRASS, OR ZIG-ZAG CLOVER (*Trifolium Medium*)

This variety is often confounded with the Mammoth Red. Is of very large growth, but not able to withstand cold winters. Largely used in England, but very little here. The true seed is hard to obtain. We import the seed on order only.

WHITE, OR DUTCH CLOVER (*Trifolium Repens*)

—Sixty pounds to a bushel (actual weight, 65 pounds). Four to 6 pounds in a mixture of other clovers or grasses per acre. Sow in spring. A perennial; very valuable for lawns and as bee-food. Sown with blue grass, it is fine for sheep and cattle. This clover is indigenous to this country, throughout its entire length and breadth. It is one of the most useful and pleasing of all our plants. It is also a child of adversity, growing on lands of extremely opposite qualities with almost equal luxuriance. High or low lands, wet or dry, through heat or cold, it seems to thrive equally as well. While the plant never grows tall, its roots penetrate deeply in the soil, supporting it through trying droughts and scalding suns. When mixed with blue grass, it makes a peculiarly fine and nutritious pasture. It is one of our best bee-foods, and is one of the loveliest of nature's ornaments. No one can look on its beautiful, bright green and delicate foliage and perfect little flowers without pleasure; to tread on it is equal to an Axminster carpet; and who has not looked for a four-leaf clover. In a lawn-mixture, or sown over old lawns, it is invaluable; its short, dense, rich foliage is exquisite, while it blooms throughout the growing season. One pound, by mail, 30 cts.; 5 pounds, by express, \$1.25; 10 pounds, by express, \$2.50.

BOKHARA CLOVER, SWEET OR HONEY PLANT (*Mellilotus Alba*)

—A very valuable honey-producing plant. Grows well on poor soil. Very valuable to plow under to enrich the soil. Sow 15 pounds to the acre, in the fall or spring. A biennial growing about 2 feet the first year, and 4 to 5 feet the second; can be cut two or three times for soiling. The chief value of this clover is for fertilizing, but it is liked by cattle green or made into hay. It roots deeply, like red clover, making a valuable fertilizer when turned under green. It grows on the poorest soil, even on the white-clay lands that have but little good soil. It is also excellent to prevent washes. In the South, where it is extensively grown, it is well liked for both grazing and for hay. The stalk appears rather coarse and uninviting, but when cured (it must be cut when just in bloom, and put away before it is entirely dry), stock are very fond of it, and will eat all the stalk with a relish. It cures with a reserved amount of sugary residue in the stalk and twigs. By mail, pkt. 10c., ½-lb. 25c., 1 lb. 50c. By express or freight, 35c. per lb.; 50 lbs., \$12.00; 100 lbs., \$20.

BUR CLOVER (*Medicago Dentica*)

—This is a winter grazing plant for the Gulf States, also Georgia, South Carolina, Arkansas, and other Southern States. It makes pastures from October 1st to June. Sow the seed in the fall. This is not considered a very fine feed by many, but is certainly very valuable in many sections, furnishing a good, rich winter pasture at a time when feed is so scarce; it is considered a renovator of the soil. Mr. Edwin C. Reed, of Mississippi, states the following in regard to Bur Clover: "Bur Clover has been grown here to a limited extent, and a few who have grown it 12 or 15 years find it all that could be desired for winter and spring pasture. All stock eat it freely when they acquire a taste for it, and sheep and hogs eat the burs left on the ground. The plant reseeds itself, but the ground should be plowed and harrowed in August, to secure an early winter pasture. It matures the 1st of June, after which peas may be sowed broadcast on the same land, when it will require no fall plowing. On rich lands it sometimes seeds in Bermuda beds, affording both winter and summer grazing. I have grown vines 6½ feet long, hip high, and as thick as it could stand. I prize it above all other winter pastures. It is admirably adapted to the Eocene formation, where Red Clover does not succeed, and it is far better, if it did, as Bur Clover is a winter plant." Being an annual, and ripening early, other crops may be grown on the same land without interfering with the next growth of clover. It will reseed itself annually. Sow 10 lbs. to the acre. By mail, lb. 50 cts., pkt. 10 cts.; by express or freight, 10 lbs. \$3.00, 25 lbs. \$7.00, 50 lbs. \$12.50.

LUPINS.

We are taking almost an equal interest in the cultivation of this plant as we did last year with Lucerne as a land enricher. When we understand exactly how to treat it, we believe it will equal anything growing to-day. We especially commissioned a traveler last season, when passing through Germany, to collect data from practical cultivators of this plant, from agricultural college professors, and to buy all important works on the subject. The result entirely confirms our ideas in regard to its value. And to be brief, the net substance is: That plowed under it is richer chemically, and furnishes more and richer fertilizing properties than any other plant. We found vast sections of Germany, particularly the sandy plains of Silesia, where the people all acknowledge were it not for Lupin they could not exist at all. It is the only crop that will enrich their land sufficient to sustain other vegetation. It is also excellent for sheep, particularly in the winter, when they thrive and eat it with great relish. Stock will also eat it when accustomed to it. The bitter taste at first repels them, but seems to act as a relish of medicinal value. We are aware it has been tried with indifferent success in various sections of the country, but our belief in its value is not shaken. Where you possess sandy, thin, poor soil, lose no time experimenting, at least on a small scale, with this plant. The seed when burned makes excellent manure for orange and olive trees. Pkt. 10 cts., lb. 30 cts., by mail; 25 lbs. and over, 10 cts. per lb.

SERADELLA.

Makes a fine fodder, excellent quality, furnishing two cuttings in a season. It succeeds well on dry sandy soil, and furnishes a particularly good food for sheep. Well adapted for South and North, and every one keeping sheep should have some, as it seems to stimulate and improve their health. Also a good land enricher plowed under. Pkt. 10c., ½-lb. 20c., 1 lb. 30c.

TEXAS BLUE GRASS

(*Poa Arachnifera*, of Prof. Torrey.) Our treatise on this grass sent on receipt of 10 cents, and with every order. This is strictly a winter-grazing grass; very valuable in all Gulf States. Does not grow tall enough to cut for hay. When the first fall rains occur, it springs quickly into a fresh, rich pasture. It can be eaten down close five or six times during the winter. After stock have eaten it down close, take them off for a week, and the grass will spring up four or six inches in this time. It will continue to furnish abundant fresh pasture until May or June, when it ripens its seed.

This winter grass has already proved itself worthy of its first premium. It has already shown its great value, and promises to exceed any other grass which has been tried for winter pasturage yet found, besides being well adapted to all sections of the South. In appearance it is like the Kentucky Blue Grass, but grows much taller and roots much deeper. During the hot summer months its growth ceases, but upon the appearance of the early fall rains it springs up, growing rapidly, and making the most excellent winter pasture.

The seed is very light (6 pounds to the bushel), and at present quite expensive. An excellent way to make a start, is to take a strip of ground, say 10 or 12 by 100 feet, plant the sets 1 foot apart each way, and in six months you can save seeds enough to plant one acre; in seven months, from planting an acre, you can get seed and sets enough to plant with twenty acres.

It takes about 20,000 sets for an acre. Seed, 25 cts. per pkt., 75 cts. an ounce, \$8.00 per pound. Sets, 50 cts. per 100, by mail; \$3.00 per 1000, by express.

BERMUDA GRASS (*Cynodon Dactylon*)

Our treatise on this grass sent on receipt of 10 cts., and with every order.

SEED OF BERMUDA GRASS we make a specialty of. It is scarce, expensive, and usually poor. Our Seed is bright, fresh, and new. 25 cts. pkt., 80c. 1/2-lb., \$1.50 per lb., by mail.

Pre-eminently the most valuable Southern summer pasture grass we have. Also south of the Blue-Grass Region valuable for hay of excellent quality. Can be cut two or three times in a season, and while it often produces 4 tons of hay per acre, we consider 2 1/2 tons a good yield. No other grass will yield such an amount of valuable hay, surpass it in nutritious qualities, or support, on an acre of pasture, such an amount of stock. It requires no cultivation, stands drouth well, and affords green pasture 8 months in the year. It grows best in the hottest weather. It is excellent for lawns, growing, under repeated cuttings, like green plush. It holds levees, railroad embankments, and gullies from washing. It will stop land-washing, and cause low, wet land to fill up and become dryer. While it grows finely in hot, dry weather, it also does well on low, wet land, and will live three months under water, which makes it a very valuable plant on streams or river edges.

"If Bermuda Grass be not (for summer) the best grass ever grown in latitude 34 degrees, and below, I ask to see it. I say take land equal in fertility or poverty, and New York can produce no grass that will feed as many cattle, horses, mules, or sheep as Bermuda Grass will in Louisiana, Mississippi, Alabama, Georgia, Florida, and also Texas."

It roots at every joint; the set can be sowed in shallow drills and plowed under, or sowed broadcast and rolled. 1 barrel of sets plants an acre. It can be planted at any time, except the hottest and driest time in mid-summer.

Bear in mind these points:—Bermuda Grass furnishes rich, green pastures 8 months, from, say, March to November. It also yields abundant and excellent hay. Texas Blue Grass furnishes winter pasture from November to May, making a complete rotation or perpetual pasture. You can also have your Bermuda pasture isolated (if afraid of spreading in other crops) for grazing only, and have a piece of Johnson Grass for hay. This method is highly recommended.

Sets, by mail, lb. 75 cts.; by express or freight, bush. \$4.00, bbl. \$8.00. Seed, pkt. 25c., 1/2 lb. 80c., lb. \$1.50.

LOUISIANA GRASS (*Paspalum Dilatatum*)

Perennial, and will reseed itself annually. Perpetual, or summer grass, 2 to 5 feet high, 2 to 3 cuttings of hay, and stands hoof and grazing well.

A perennial evergreen pasture and forage grass, growing during the longest drouths; will stand heavy grazing. If closely pastured, it spreads itself by underground roots, forming a solid turf and abundance of fresh shoots. Seed, 75c. piut. Sets, 1 to 4 pounds, by mail, 50c. per pound, 10 to 20 pounds, by express, 25c. per pound; 100 pounds and over, by express, 10c. per pound.

LOUISIANA GRASS VARIETY (*Paspalum Platycaule*)

—A variety very similar to the above.

RESCUE GRASS (*Ceratocloa Australis*, or *Bromus Schraderi*)

—Annual winter grass for the South. Good for hay or pasture. 16 pounds to bushel. One to 2 feet high. It varies in the time of starting to grow; have seen it ready for mowing the 1st of October, and furnish frequent cuttings until April. Again it may not start before January, nor be ready to cut until February. This depends upon the moisture and depression of temperature. When once started, its growth, after the successive cuttings or grazings, is very rapid. It is tender, very sweet, and stock eat it greedily. It also makes a good hay. 50c. per lb., by mail; 1/2-bush. \$3.00, 1 bush. \$5.00, by exp. or freight.

TALL MEADOW OAT GRASS (*Arrhenatherum Avenaceum*)

—Our treatises on this grass sent on receipt of 10 cents, and with every order. Thrives best in Virginia and the rest of the Southern States. It will grow further North, but it yields double the nutriment South that it does in Pennsylvania, New York, and the North.

An evergreen perennial, lasting 4 to 7 years. For hay and winter pasture, weight 13 pounds per bushel. Sow 2 bushels per acre. Sow in September and October, also in March and April. More southerly belt, from 31 degrees parallel southward, sow from Novem-

ber to December 15th. On sandy, gravelly soil, grows 2 to 3 feet; on a good upland soil, 5 to 7 feet. One of the best of all grasses. Lb. 35 cts., by mail; bush. (13 lbs.) \$1.75, by express or freight.

KENTUCKY BLUE GRASS

(*Poa Pratensis*.)

Also called Green Grass, June Grass, etc. Perennial; 14 pounds to bushel. Sow 2 or 3 bushels to acre. Excellent for lawns and hay pasture; makes late pasture in fall. Mats down and keeps green underneath, so stock and sheep can feed on it all winter; starts early in the spring. Fancy cleaned seed, by mail, 30 cts. Bushel, by freight or express, \$1.75.

ORCHARD GRASS (*Dactylis Glomerata*)

Our treatise on this grass sent on receipt of 10 cts., and with every order. Perennial. Sow in spring, some in the fall; 14 pounds to bushel; 3 bushels to acre; 3 feet high. Two bushels, mixed with red clover (Mammoth variety), makes elegant hay and pasture. Both a hay and pasture grass; stands drought. Bears heavy stocking, and comes early in spring. One to three tons of hay per acre on medium land.

Having long perennial roots, it exhausts the soil but very little, nothing to what Timothy does. It is not effected by sudden or extreme changes like surface-rooting grasses, by either heat or cold, wet or dry. Grows through the hottest summer. One pound, by mail, 40 cts. Half-bushel, by express or freight, \$1.00; 1 bushel, \$2.00.

JOHNSON GRASS (*Sorghum Halapense*)

Our treatise on this grass sent for 10 cts., or with all orders of 1 lb. and upwards. This grass is being used in increased quantities, not only in the South, but in the West, and largely in New Jersey. It should be cut when in bloom, when 24 to 36 inches high. Being over-ripe, it becomes rather dry and hard if allowed to stand too long. Sow 1 bushel (25 lbs.) per acre of our hand-stripped, extra-cleaned seed.

Johnson Grass for hay, and Bermuda Grass for pasture, fills the wants of many Southern States. By mail, lb. 35 cts.; by express or freight, 10 lbs. \$1.50, 1 bush. (25 lbs.) \$3.00.

RYE GRASS (*Lolium Perenne*)

Fourteen pounds to bushel. Sow two bushels to acre in August, September, and October. Exhausting on the soil; does not stand drought very well. Cut before it is done blossoming. It is the staple grass of Great Britain, entering largely into the composition of many of the richest meadows and pastures. Three to four pounds of white clover to the acre mixed with it, is good. Pkt. 10c., lb. 30c., by mail. 1/2-bush. \$1.00, bush. \$1.50, by express or freight.

ITALIAN RYE GRASS (*Lolium Italianum*)

Eighteen pounds to bushel. Sow three bushels to acre. Fine for cutting green, for soiling and pasture, unlike the perennial varieties, has a beard adhering to the seed, which makes the weight per bushel so much lighter than the others. The great value of this grass is its quick growth for early pasture, or more particularly, for soiling purposes, producing more successive cuttings from early spring till December than any other grass. Annual. Sow in fall and spring. Pkt. 10c., lb. 30c., by mail. 1/2-bush. \$1.00, bush. \$1.75, by express or freight.

MEADOW FESCUE (*Festuca Pratensis*)

Randall or English Blue Grass. Fourteen pounds to bushel. Sow two bushels to acre in September and October and spring. Perennial, for permanent pasture or hay. Eighteen inches high. This grass is hardy, and thrives in nearly all situations; of certain growth, productive, sweet, and very nutritive, and greatly relished by all live stock, either green or in hay. Especially adapted for permanent pasture or hay. Roots penetrate the soil deeply and withstands drought, heat, and cold equally well. Makes a good winter pasture in many localities, and produces a crop far larger and higher in nutriment than most grasses. Cut when in bloom. Pkt. 10c., lb. 30c., by mail. 1/2-bush. \$1.00, bushel \$2.00, by freight or exp.

RED TOP or HERD GRASS (*Agrostis Vulgaris*)

—Fourteen pounds to bushel. Extra re-cleaned seed, about thirty lbs. to bush. Sow three bushels to acre in September, October, February, March, and April. Perennial. This is a very persistent grower on most any soil or climate. Often sowed with timothy, as they mature at the same time, but will soon root out the timothy. Pkt. 10c., lb. 30c., by mail. 1/2-bush. 50 cts., bush. \$1.00, by express or freight. Pure, fancy, re-cleaned Red Top, lb. 35c., by mail. Bush. (32 lbs.) \$4.00, by exp. or freight.

TIMOTHY (*Herd Grass or Phleum Pratense*)

—45 pounds to bushel. Sow half-bushel to acre, in the fall. Cut when the seed is first ripe. Pkt. 10c., lb. 25c., by mail. 1/2-bush. \$2.00, 1 bush. \$3.50, by express or freight.

RHODE ISLAND BENT GRASS (*Agrostis canina*)—A valuable grass for lawns. For lawns sow 3 to 4 bushels to the acre; for pasture, 1 to 1 1/2 bushels. See "Formations of Lawns." (12 pounds to the bush.) Pkt. 10c., lb. 30c., bush. \$2.75.

FLORIN, or CREEPING BENT GRASS (*Agrostis Stolonifera*)—Valuable as a mixture with other pasture grasses, as it will thrive in moderately moist land on which water does not stagnate. We find it also the best sort for croquet grounds, and small door yards and grass plats. Same quantity as the preceding. (15 lbs. to bush.) Pkt. 10c., lb. 30c., bush. \$2.75.

HASSOCK GRASS (*Aira Cespitosa*)—A coarse grass, preferring stiff and marshy bottoms, and thriving well in moist and shady woodlands. In England door mats are formed of it by the rural cottagers. (30 pounds to the acre.) Pkt. 10c., 15 lbs. and upwards, 15c. per pound.

WOOD HAIR GRASS (*Aira flexuosa*)—Delights in high and rocky hills; is of little agricultural value except for sheep pastures. (30 pounds to bush.) Pkt. 10c., lb. 30c., 15 lbs. and upwards, 15c. per pound.

MEADOW FOX-TAIL GRASS (*Alopecurus pratensis*)—One of the very best grasses for permanent pasture, and thrives to perfection on lands of an intermediate quality as to moisture and dryness. It also stands the high summer heats without burning.

(25 pounds to acre.) Pkt. 10c., lb. 30c., 15 lbs. and upwards, 15c. per pound.

SLENDER FOX-TAIL GRASS (*Alopecurus agrestis*)—An annual late-flowering grass. (20 lbs. to the acre.) Pkt. 10c., lb. 25c., 10 lbs. and upward, 15c.

BEACH GRASS (*Ammophila arenaria*)—Valuable on the sandy sea shore, canal banks, etc. It serves, with its tough, wide-spreading, and thickly matting roots, to form natural and permanent embankments. Is of no other agricultural value. Pkt. 10c., lb. 40c.

PERENNIAL SWEET VERNAL GRASS (*Anthoxanthum odoratum*)—For a mixture with pasture grasses it is valuable on account of its vernal growth, and also for continuing to throw up root foliage until late in the autumn. For meadows its chief merit is its fragrant odor, which the leaves emit when partially dried, thus sweetening hay. It is a vegetable condiment, rather than a grass of much nutritive value. 10 pounds to the acre when mixed with other sorts. Pkt. 15 cts., lb. 85 cts.

YELLOW OAT GRASS (*Avena flavescens*)—Will not thrive well when sown alone, but with other species, such as Crested Dog's-Tail, Sweet Vernal, etc., it becomes desirable for dry meadows and pastures. About 25 pounds to the acre. Pkt. 15 cts., lb. 65 cts.

MEADOW BROME GRASS (*Bromus Pratensis*)—Suitable in mixture for high and dry meadows. 30 pounds to the acre. Pkt. 10 cts., lb. 25 cts.

SOFT CHESS (*Bromus Mollis*)—Suited to sandy land. Pkt. 10 cts., lb. 25 cts.

CRESTED DOG'S-TAIL GRASS (*Cynosurus cristatus*)—A valuable grass for sheep pastures, on dry, hard soil and hills. It also belongs to the family of lawn grasses. 25 pounds to the acre. Pkt. 10 cts., lb. 40 cts.; 10 lbs. and over, 30 cts. per lb.

HARD FESCUE (*Festuca duriuscula*)—Not very productive, but it is of a very fine quality, and thrives well in dry situations where many other grasses would fail, thus making it a desirable pasture variety. 30 pounds to the acre. Pkt. 10 cts., lb. 20 cts.; 10 lbs. and over, 16 cts. per lb.

TALL FESCUE (*Festuca elatior*)—Succeeds best in moist, alluvial and strong clay soils, and in shady ravines; on moist rocky sea coasts is considered one of the most valuable pasture grasses; it is a fortnight later in ripening than *F. pratensis*. 40 pounds to the acre. Pkt. 10c., lb. 30c.; 10 lbs. and over, 25c. per lb.

VARIOUS-LEAVED FESCUE (*Festuca heterophylla*)—A very early grass, native to Germany. A valuable sort for permanent meadows and pastures on high ground. 40 pounds to the acre. Pkt. 10 cts., lb. 25 cts.

SHEEP'S FESCUE (*Festuca ovina*)—Grows freely when in high, dry and open pastures. Its chief merit for sheep pasture is that it occupies land which better grasses refuse. 30 lbs. to the acre. Pkt. 10 cts., lb. 25 cts.; 10 lbs. and over, 16 cts. per lb.

RED FESCUE (*Festuca rubra*)—The essential distinction of this Fescue is its creeping roots, which, in dry and sandy soils, are often as strong as those of the common Couch Grass. Well adapted for gravelly banks and dry slopes. Twenty-five pounds to the acre. Pkt. 10c., lb. 35 cts., 10 lbs. and over, 20c. per lb.

SLENDER FESCUE (*Festuca tenuifolia*)—Flourishes well on dry and sterile soils. It is well suited for large bleaching greens, lawns, etc. Thirty pounds to the acre. Pkt. 10c., lb. 35c.; 10 lbs. and over, 30c. per lb.

MEADOW SOFT GRASS (*Holcus lanatus*)—Inferior to many other sorts, but has the merit of easy culture, and accommodates itself to all descriptions of soils, from the richest to the poorest. Four bushels to the acre. (7 lbs. to bush.) Pkt. 15c., lb. 25c.; 10 lbs. and over, 15c. per lb.

REED CANARY GRASS (*Phalaris arundinacea*)—Grows well by the side of rivers, alluvial marshes, ditches, etc. 25 pounds to the acre. Pkt. 15c.

WATER MEADOW GRASS (*Poa aquatica*)—This is an excellent pasture grass for very wet situations. 20 lbs. to the acre. Pkt. 10 cts., lb. 40 cts.

WOOD MEADOW GRASS (*Poa nemoralis*)—The early growth of this grass in the spring, and its remarkably fine, succulent, and nutritive herbage recommend it strongly for pastures. Thrives well under close feeding. 30 lbs. to acre. Pkt. 10c., lb. 40c.

FOWL MEADOW GRASS (*Poa serotina*)—A native grass; fond of low, wet locations; recommended to be sown with Red Top. Pkt. 10c., lb. 30c., 10 lbs. and upwards, 20c. per lb.

ROUGH-STALKED MEADOW GRASS (*Poa trivialis*)—The superior product of this grass over many other species, its highly nutritive qualities, and the marked partiality which oxen, horses, and sheep have for it, are merits which distinguish it as one of the most valuable of those grasses which affect moist, rich soils and sheltered situations. Twenty pounds to the acre. 10 cts. pkt., 40 cts. per lb.; 10 lbs. and over 25 cts. per lb.

MILLETS.

New Golden Wonder. Heads 18 in. long, 6 ft. high. The yield is enormous—10 to 12 tons to the acre; easily cured as clover hay. It will grow far North as well as lower latitudes. An improvement over all other Millets. Large pkt. 15 cts.

Golden, or GERMAN MILLET. The most Tennessee-grown, which is superior to all other. This furnishes repeated cuttings of most valuable feed. Tennessee Seed, 30 cts. per lb. by mail. Tennessee Seed, \$2.00 per bush. (48 lbs.), by express or freight. Prime Seed, \$1.25 per bush. (48 lbs.), by exp. or freight.

Pearl Millet. Very early variety. Fine to furnish repeated cuttings of fodder. Pkt. 10 cts., lb. 25 cts. by mail. Peck 50 cts., bush. \$2.00, by express or freight.

Hungarian Millet, HUNGARIAN GRASS.—Fine soiling plant. Grows on light soil, and stands the heat. Sow at intervals for succession of cuttings. Pkt. 10c., lb. 25c., by mail; peck 50c., bush. \$1.50.

Texas Millet. poultry feed; summer and fall plant; withstands drouths; excellent South. Pkt. 10c., lb. 25c., by mail; peck \$1.00, bush. \$2.00.

VEGETABLE SEEDS

Our services are strictly and fully confined to the interests of our Private, or Family Kitchen Garden Trade, in connection with furnishing the most particular and exacting Market Gardeners in the country with much of their best seed, would be folly for us to try and sell poor or cheap seed. Our time is devoted to procuring the best, and selecting from the best quality of seed in the country.

"PRIVATE STOCK."—In many cases we pay very high prices to the originators and to market gardeners who grow particularly fine strains of seed with the greatest of care and most rigid selection. In many cases we pay these men over five times what you can buy the very same variety of seed for in the open market. Seed marked thus: ("Private Stock.") we recommend to market gardeners wanting special fine strains of seed for market purposes, or for people wanting the best for the kitchen garden.

ARTICHOKE FOR TABLE USE.

EARLY CAMPANIA.—The earliest of all varieties. Packet 5 cents, ounce 40 cents.
LARGEST PARIS.—Finest for general use. Packet 5 cents, ounce 50 cents.
JERUSALUM ARTICHOKE ROOTS.—For stock. Pound 30 cents, three pounds 90 cents, by mail. One bushel \$2.00.

ASPARAGUS—ROOTS AND SEED

PALMETTO.—True seed. Packet 10c., ounce 15c., quarter-pound 50 cts. **True Roots**, one year, \$1.50 per 100 by mail; \$1 per 100 by exp.

CONOVER'S COLOSSAL.—The popular standard sort. Packet 5 cts., ounce 10 cents, pound 50 cents. **Two Year Plants**, by mail, \$1.50 per 100; by express, \$1.00 per 100, \$5.00 per 1000.

	Pkt.	Pt.	Qt.	Pk.	Bu.
Early Morning Lima—Extra fine variety. Very early; prolific,	- 15	.40	.80		
Perfection Wax—Extra fine variety. Wax; large, fine,	- 10	.30	.60	\$2.00	\$6.00
Flageolet Wax—Extra fine variety,	- 10	.20	.40	1.75	6.00
Best of All—Early; fine South,	- 10	.20	.40	1.25	4.50
Extra Early Valentine—Very early; round pod; green,	- 10	.20	.40	1.25	4.00
White Valentine—Prolific. Can be used shelled,	- 10	.20	.40	1.25	5.00
Mohawk—Very hardy. Used largely South,	- 10	.20	.35	1.00	4.00
Ivory Pod Wax—Matures in 37 days from planting. Wax,	- 10	.20	.40	1.50	6.00
Prolific Tree—Shell Bean; very prolific,	- 10	.20	.35	1.25	4.00
Flageolet Butter—Green when cooked; handsome and delicious,	- 10	.20	.40	1.50	5.00
Crystal White Wax—Extra fine; round pod,	- 10	.20	.40	1.50	6.00
Dwarf Horticultural—Stringless, tender, and rich,	- 10	.20	.40	1.00	4.00
Goddard or Boston Favorite—Rich and delicious for shell or snap,	- 10	.25	.40	1.50	5.00
Marblehead Early Horticultural—Very early; tender,	- 10	.20	.40	1.50	5.00
Wardwell's Dwarf Kidney Wax—Heavy yielder, fine flavor,	- 10	.25	.40	2.00	7.00
New Champion Bush—String or shell; fine,	- 10	.25	.40	2.00	6.00
Thorburn's Extra Early Refugee—Extra fine variety. Very early,	- 10	.30	.60	2.00	6.00
Refugee—Market sort; standard,	- 10	.20	.35	1.00	3.50
Refugee Light Round Pod—"Private Stock." Extra for market,	- 10	.20	.40	1.25	4.50
Long Yellow Six-Weeks—Early market variety,	- 10	.20	.35	1.00	4.00
Black Wax—Round yellow pod; delicious early market sort,	- 10	.20	.40	1.50	6.00
"Pea Bean"—The Boston Baked Bean,	- 10	.15	.30	1.00	4.00

POLE BEANS.					
Early Morning Lima—Extra early; prolific,	- 15	.40	.80		
Large White Lima—Standard sort,	- 10	.25	.50	2.25	8.00
King of the Garden Lima—Very large,	- 10	.30	.60	2.50	9.00
Challenger Lima—Thick, productive,	- 10	.35	.60		
Dreer's Lima—Grows where common Lima will not ripen; good,	- 10	.35	.60	3.00	10.00
Golden Cluster—Pole wax; golden yellow,	- 10	.35	.60		
Steva, or Small White—Popular in the South,	- 10	.30	.50		
White Creaseback—Stringless, good quality; fine South,	- 10	.30	.50		
Lazy Wives Pole Beans—Delicious, prolific,	- 10	.30	.60		
Scarlet Runner—Ornamental,	- 10	.30	.50		



BEANS

Dwarf or Bush.

One quart will plant one hundred feet of drill. Two bushels to the acre in drills. Plant as soon as the ground is warm and dry. Plant in drills covering the beans about two inches, drop the beans about three inches apart in the drills. All orders by packet, pint or quart are sent free, by mail, no charge for postage. Peck and bushel are sent by express or freight.

in existence. It has so many good qualities, and no apparent bad ones, we think it will soon be grown by all those who plant a bean of any kind. The habit of the plant is clean, uniform, and vigorous. Built to produce an immense crop, and able to sustain and perfect the crop to perfection. The pods are long and beautifully filled; color a golden-yellow, free from rust. Tender, stringless, of a rich buttery flavor. A bean all should have. Pkt. 10c., pt. 30c., qt. 60c., peck \$2.00.

THORBURN'S EXTRA EARLY REFUGEE.—This is a most remarkable and valuable bean. In the Refugee type of bean. From the most careful personal trials and the universal report of all market gardeners to whom we sold the bean last spring, is that it is fully ten days, probably two weeks earlier than any other strain of Refugee. This allows you plenty of time to market the bean before any other Refugee is in market. The ground can be used for a second crop early, and it can also be planted two weeks later in summer, allowing it to follow an early crop, like potatoes, or even a later crop, when the ordinary Refugee would be caught by frost. It is a sure and heavy bearer; round pod and handsome, and will produce a crop in a wet or dry season. Very desirable for the kitchen garden, and immensely valuable to all market gardeners. Pkt. 10c., pint 30c., quart 60c., peck \$2.00, bush. \$6.00.

REFUGEE, ROUND, LIGHT POD.—"Private Stock." This stock we sell with unflinching satisfaction to many market gardeners in our vicinity. The pod is round and very light, and is the best-selling strain of Refugee that comes to market. Packet 10 cents, pint 20 cents, quart 40 cents, peck \$1.25, bushel \$4.50.

REFUGEE.—This is a hardy, productive variety; the pods are thick-fleshed and very tender. Medium early, and a standard sort for family use or market, also for pickling. Packet 10 cents, pint 20 cents, quart 35 cents, peck \$1.00, bushel \$3.50.

LONG YELLOW SIX-WEEKS.—Early; an excellent family or market sort. Very productive, and of fine, tender quality. Seeds are yellow or dun color. We sell this in our vicinity largely for an early market sort. Pkt. 10c., pt. 20c., qt. 35c., pk. \$1, bush. \$4.

BLACK WAX.—Beautiful, round, yellow pod. Beans, when ripe, are a glossy black. It is early. A sure and heavy cropper, and of delicious quality. Largely used by market gardeners for second-early. Packet 10 cts., pint 20 cts., quart 40 cts., peck \$1.50, bushel \$6.00.

FLAGEOLET WAX.—Further trials still place this variety nearer the head of the list of very valuable beans. It is very early, coming in as soon as Black Wax. Entirely exempt from rust. Pods are very large and long; exceedingly tender and delicious; enormously productive, and equally as valuable for the kitchen garden as for the market. Packet 10 cents, pint 20 cents, quart 40 cents, peck \$1.75, bushel \$6.00.

WHITE PROLIFIC TREE.—A prolific field variety. Under favorable conditions has produced 60 bushels per acre. On one vine we counted 395 full-sized pods. Vines large, spreading, bearing its numerous pods free from the ground, preserving them from injury in wet weather. Beans small, of good quality, resembling the common white navy. Plant in rows 3 ft. apart and 2 ft. in the rows. Pkt. 10c., pt. 20c., qt. 35c., pk. \$1.25, bush. \$4.00.

IMPROVED EARLY RED VALENTINE.—Desirable for either market or family use, being early, productive, tender and of excellent flavor. The pods are round, somewhat curled, and the seeds, when ripe, salmon-speckled with purplish-rose. Packet 10 cents, pint 15 cents, quart 30 cents.

PERFECTION WAX BEAN.—Another year's more extensive and careful trial of this magnificent bean has fully corroborated all we said in its praise last year, and fully establishes its unrivaled qualities as the best Golden Wax Bean in existence. It has so many good qualities, and no apparent bad ones, we think it will soon be grown by all those who plant a bean of any kind. The habit of the plant is clean, uniform, and vigorous. Built to produce an immense crop, and able to sustain and perfect the crop to perfection. The pods are long and beautifully filled; color a golden-yellow, free from rust. Tender, stringless, of a rich buttery flavor. A bean all should have. Pkt. 10c., pt. 30c., qt. 60c., peck \$2.00.

BEAN.—This is a most remarkable and valuable bean. In the Refugee type of bean. From the most careful personal trials and the universal report of all market gardeners to whom we sold the bean last spring, is that it is fully ten days, probably two weeks earlier than any other strain of Refugee. This allows you plenty of time to market the bean before any other Refugee is in market. The ground can be used for a second crop early, and it can also be planted two weeks later in summer, allowing it to follow an early crop, like potatoes, or even a later crop, when the ordinary Refugee would be caught by frost. It is a sure and heavy bearer; round pod and handsome, and will produce a crop in a wet or dry season. Very desirable for the kitchen garden, and immensely valuable to all market gardeners. Pkt. 10c., pint 30c., quart 60c., peck \$2.00, bush. \$6.00.



EARLY MORNING LIMA. (See description next page.)

BEANS.—Continued.

WHITE VALENTINE.—This is a selection from out of the Red Valentine; it possesses all the good qualities of its parent, and has the additional advantage of more sturdy growth and an immense bearer. The pods are green, round, stringless, succulent, curved in form, and of highest excellence both for market and family garden. Pods reach maturity 35 days after germination. Being white, it can be used as a shell bean. Packet 10 cts., pint 20 cts., quart 40 cts.

GODDARD, or BOSTON FAVORITE BEAN.—An attractive, quick-selling bean. Somewhat resembles the Dwarf Horticultural, being fully as early; the vines, pods, and beans grow about one-third larger. The beautiful red pods are very attractive, and do not spot. For a green shell-bean, nothing in this market has ever come up to it. They are very productive. They should be planted in hills two and one-half feet apart, and three feet between the rows, with three beans in a hill, or, if in drills, about eight inches apart. Packet 10 cts., pint 25 cents, quart 40 cents.

MARBLEHEAD EARLY HORTICULTURAL BEAN.—Excellent variety, large beans and large, rich-colored pods, excellent either for shelling or stringing; and could be added the capital trait of being in the very front rank for earliness. The Marblehead Early Horticultural is, we think, the very earliest bean grown. Pkt. 10 cts., pt. 20 cts., qt. 40 cts.

CRYSTAL WHITE WAX.—A distinct, white-seeded variety, with wax-transparent pods. It is stringless, succulent, crisp, tender, and of the richest flavor. The pods, though quick to develop, are remarkably slow to harden, and therefore retain their delicious tenderness on the bush longer than any other sort. Packet 10 cts., pint 20 cents, quart 40 cents.

FLAGEOLET BUTTER BEANS (Flageolet Improved Green).—An improved variety of the dwarf Flageolet beans, so popular in France, which comes into maturity with other dwarf kinds. When used as a shell bean, it is considered equal in flavor and quality to our Limas, while it has the advantage of being earlier and not requiring poles for its cultivation, and it possesses the singular and very valuable characteristic of retaining its natural green appearance after being cooked. Pkt. 10, pt. 20, qt. 40.

DWARF HORTICULTURAL.—Is one of the best growers, bears immensely, and the quality is delicious. Pods large, tender, and very brittle. *Not the least trace of string.* They cook very rich and buttery, of high flavor. They are wonderful beans. Packet 10 cents, pint 20 cents, quart 40 cents.

IVORY POD WAX.—Excellent new Snap-short. Pods broad, round, brittle and stringless, of a beautiful transparent ivory-white, of delicate flavor, maturing for table thirty-seven days from germination, continuing long in edible condition. Valuable for canning. Packet 10 cents, pint 20 cents, quart 40 cents.

BEST OF ALL BEAN.—This is by all odds the most popular and is grown in the greatest quantity of any bean South, particularly in the vicinity of New Orleans. The pods are long, very fleshy, succulent, stringless and of rich flavor; they are produced early and abundantly. The dry beans are of good size, and would doubtless also prove excellent for winter shell beans. For family use, home market, or shipping, it is unsurpassed. Pkt. 10c., pt. 20c., qt. 40c.

EARLY MOHAWK.—Very early, and will stand more cold than most of the bush varieties. Both this and the preceding sort are largely grown in the Southern States for northern markets. The pods are from 5 to 6 inches long; the seeds when ripe drab, with purple spots. Packet 10 cts., pint 20 cts. quart 35 cts.

POLE, OR RUNNING BEANS.

LAZY WIFE'S POLE BEAN.—This new pole bean, introduced 3 years since, has already become a great favorite. The pods grow from 4 to 6 inches long, entirely stringless, and of a rich, buttery flavor when cooked. The pods remain green, and retain their tender, rich, stringless flavor until nearly ripe. The beans are white, and are unsurpassed as shell beans for winter use. Pkt. 10c., pt. 30c., qt. 60c., peck \$2.50.

DREER'S EARLY GOLDEN CLUSTER.—Pods retain tenderness and plumpness long after the beans have attained a large size, so that only a few days elapse after they cease to be fit for string beans, before they are fit to shell. The pods are a beautiful golden-yellow, and are from 6 to 8 inches long, borne profusely in clusters of 4 to 6. Commencing to bear 10 days after the Golden Wax, it continues to produce an abundance of pods until frost sets in. Its cooking qualities are excellent. Packet 10c., pint 40c., quart 75c.

POLE HORTICULTURAL.—Used as a string bean, to shell when green, or as a baking bean; a great favorite. Packet 10 cents, pint 30 cents, quart 50 cents.

SCARLET RUNNER.—Very ornamental, free climber, with bright scarlet flowers. Packet 10 cents, pint 20 cents, quart 35 cents.

WHITE DUTCH RUNNER.—Very rich and delicious South. Same habit as the Scarlet Runner, flowers and beans being white. Packet 10 cents, pint 25 cents, quart 45 cents, peck \$1.75, bushel \$7.00.

SOUTHERN PROLIFIC, or KENTUCKY WONDER.—A splendid, vigorous and productive variety. Pods in clusters, succulent and delicious; matures in 70 days from germination, bearing until frost. Packet 5 cents, pint 25 cents, quart 40 cents.

LARGE WHITE LIMA.—Best shell bean grown; a late sort. Packet 10 cts, pint 25 cts, quart 50 cts.

SIEVA, or SMALL LIMA.—Smaller and earlier than Large Lima. Pkt. 10 cts., pt. 30 cts., qt. 40 cts.

DREER'S IMPROVED LIMA.—Rather earlier and more productive than the last-named sort; pods well-filled; equal in quality to Large White Lima. The distinctive features of this are early maturity, large yield and extra quality. The bean itself is thick and round rather than oval-shaped, as most of the other Limas are. Packet 10 cents, pint 35 cents, quart 60 cents.

KING OF THE GARDEN LIMA BEAN.—A vigorous grower, producing pods of extremely large size, and filling out to their ends with large, luscious beans. The plants should not be closer than three to a hill, as they require plenty of room to develop their luxuriant foliage and heavy clusters of beans. Packet 10 cents, pint 30 cents, quart 65 cents.

EARLY MORNING LIMA.—This is a great Lima Bean, and is a prize to any one who buys it. Sells so much better because the pods are large and full of large beans, not like some new Limas, big pod and little beans. The quality is equal to the very finest. As the name implies, it is very early. A prodigious bearer, and pods are large and full. Usually 4 to 5 in a pod. Delicious. Large pkt. 25c., pt. 50c., qt. 80c.



FLAGEOLET BUTTER BEAN.

NEW CHAMPION BUSH.—Excellent both as a string bean, and as shell beans in summer or winter. The bushes are very stocky and strong in growth, branching from an inch above the ground; leaves dark green and very large; height of plant 15 to 18 inches. It is very productive; the pods 4 to 5 inches in length, and of a beautiful light-green color when ready for the table, turning white as they mature, but still fleshy and tender. The pods contain from 5 to 7 large beans, of bright red color and of finest flavor, either green or dry. Pkt. 10c., pint 25c., quart 45c.

WARDWELL'S DWARF KIDNEY WAX BEAN.—Vines of medium size, erect, hardy, and productive. Pods long, broad, flat, and of a delicate, waxy-yellow, brittle, and entirely stringless. Beans white, with two shades of reddish-purple more or less visible, and a distinct kidney shape. The yield considerably exceeds that of the common Golden Wax, and it is equally as early—a most acceptable and appreciable improvement. We have very favorable reports of this new bean. Packet 10 cts., pint 25 cts., quart 50 cents.

WHITE PEA BEAN.—This is the great New England Baked Bean variety. Packet 10 cts., pint 20 cts., quart 35 cts.



EARLY GOLDEN CLUSTER.



LAZY WIFE'S POLE BEANS.

HALLOCK'S TESTED BEET SEED

ONE OUNCE OF SEED WILL SOW 50 FEET. 12 POUNDS TO SOW AN ACRE. SEND FOR SPECIAL RATES ON LARGE QUANTITIES. Cultivation has more effect in the quality of this, than of almost any other vegetable. To be sweet and tender it must be grown quickly, a result that can only be obtained by having the soil worked deep, made light and rich by liberal application of well-rotted manure. The beet will grow in almost any soil, but to its greatest perfection in a deep, sandy loam. Sow in drills fourteen to sixteen inches apart, and cover one inch deep. When the young plants appear, thin to four or five inches apart. For early use, sow as soon as ground can be worked in the spring; for autumn use, about the middle of May, and for winter use, from the 10th to the 20th of June, according to variety, the long varieties requiring more time to mature than the round, early kinds. When sown late, increase the quantity of seed. When young, the plant makes excellent greens. Soak the seed in warm water for twelve hours before sowing. Thin out the beets to 4 or 5 inches in the row. For market purposes, the dark blood-red color is the most salable. **FOR OUR PRICE ALL POSTAGE IS PAID BY US.** We would thank our customers to inform us what varieties they have best success with.

EXTRA EARLY FLAT TURIN.—New. A new, dwarf-growing, flat beet, with delicate leaves. The outside of the beet is nearly black, and the inside of a deep blood color; it is very tender and sweet. Pkt. 5c., ounce 15c., quarter-pound 30 cts.

EARLY BASSANO.—The earliest of all the beets. Flesh rosy-pink, zoned with white; globular, sugary, and tender; grows to a good size. For early table use, it has no superior. Successive plantings should be made to ensure tender and sweet quality, as it soon deteriorates after arriving to perfection. Pkt. 5 cents, ounce 10 cents, pound 50 cents.

BASTIAN'S BLOOD TURNIP.—Extra early. Of quick, large growth; flesh very sweet and tender; retains its fine, blood-red color when cooked.

Highly esteemed by market gardeners in the South, and is undoubtedly one of the best. Unlike the Egyptian, they are of good quality, even when large and old. A reliable and satisfactory variety under all circumstances. Pkt. 5c., oz. 10c., 1/4-pound 20c., lb. 60c.

EDMUND'S BLD TURNIP.—This we recommend, above all other beets, for family or market use, as a second-early and late variety. Of handsome, round shape, the skin is very deep blood-red; the flesh also very dark, and exceedingly sweet and tender. EDMUND'S in quality. The BLOOD beets grow regularly, of good marketable size, not growing over-large and coarse, as do many sorts of the turnip beet when they have plenty of room. This characteristic, together with the fact that the tops grow very small, and having but a single tap-root, allows their being grown very close together, and easily and handsomely bunched. They mature early, and have given the very best satisfaction as a bunch beet in the markets of Boston. They grow slowly, but are of excellent quality; tops small, making it very desirable for bunching. This variety will remain tender and sweet longer than any other sort, as our repeated and careful trials have proved. Packet 5 cents, ounce 10 cents, quarter-pound 30 cents, pound 75 cents.

DEWING'S IMPROVED BLOOD TURNIP.—This is simply an improved variety of the Early Blood Turnip, with roots of a deep blood-red color, fine form and flavor; an excellent market sort. It is grown largely as a late variety for winter, but is being largely superseded by Edmund's, which is better in every respect. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

ECLIPSE BEET.—(Our strain is very true; much seed offered is badly mixed.) This is, without doubt, one of the best varieties of the early sorts, and as its excellence becomes known, it is rapidly coming into favor. It is very early, maturing with the Egyptian. The bulbs are of a bright scarlet color, very smooth. It is early, and of quick growth, tender, fine-grained, sweet, and delicious. Round to globular in shape, intense blood-red; smooth flesh, small top; a sure and heavy cropper, qualities which make it desirable and delicious for family use and profitable as a market sort. Packet 5 cents, ounce 10 cents, 1/4-pound 25 cents, pound 75 cents.

EGYPTIAN BLOOD TURNIP.—This was the leading variety for some years after being introduced some years ago. It is very early, a rapid grower, and of a fine, deep-blood color; tender when young, but soon becomes stringy. Has been largely superseded by Edmund's, Eclipse, and fine strains of the Blood Turnip varieties. Pkt. 5c., ounce 10c., lb. 50c.

EARLY BLOOD TURNIP.—A very good and deservedly favorite sort, both for market and family use. Early, quick-growing; flesh tender and sweet. It retains its rich, deep blood-color when cooked. Packet 5c., ounce 10c., quarter-pound 20c., pound 50c.

IMPROVED EARLY BLOOD TURNIP.—This strain we have carefully selected for us to meet the wants of our exacting market gardeners' trade. It is, however, equally as desirable for family use. The beets this seed is grown from are very smooth and handsome, of a dark, rich, blood-red color. Tops small



HALLOCK'S MAMMOTH LONG RED MANGEL.—(NOTE.—We do not claim to be the only ones who sell this fine strain, but we do claim it is the very finest and heaviest strain extant, and we pay more than double the ordinary price for it. Our name is attached to it as a guarantee that you will get this strain when ordered.) This is the heaviest-cropping long Mangel grown. The roots are perfect and very uniform in shape, and rich in nutriment and feeding qualities. It succeeds well in hot, dry seasons. Single specimens have weighed 70 pounds, and have yielded 60 tons to the acre. Packet 5 cents, ounce 10c., quarter-pound 25c., lb. 75 cts. By express or freight, 5-lb. lots or over, 40c. per pound.

and fine. Packet 5c., ounce 10c., quarter-pound 25c., pound 60c. **LONG SMOOTH BLOOD-RED.**—Excellent winter variety. Packet 5 cents, ounce 10 cents, pound 60. **LONG SMOOTH BLOOD IMPROVED.**—Of deep-blood color; more uniform, and not so thick as the old sort; grows more out of ground than in, and is highly prized by market gardeners. Packet 5 cents, ounce 15 cents, pound \$1.00.

SWISS CHARD, or SILVER.—Cultivated for its leaf-stalks, which are served up much like asparagus, and for its leaves, cooked as spinach. If cut often, new and more tender stalks will be produced. Pkt. 5c., oz. 10c., lb. 75c.

ORNAMENTED-LEAVED VARIETIES.—(For full description of these, see Flower-Seed List. These are one of the most showy, decorative, and bedding plants we have. They may be classed with Caladiums, Racinus, &c., and for brilliant tropical effect, are unsurpassed.

SUGAR BEETS AND MANGEL WURZELS.—four to six pounds of seed will sow an acre. As these varieties grow much larger than the preceding, they require more room, and should be sown in drills about two feet apart, and be thinned out to 12 or 15 inches in the row. The long varieties are best suited to a deep soil, and the globe varieties succeed better than the long sorts on either sandy or a stiff soil. They are excellent food for cows, to increase the flow and quality of milk.

MAMMOTH LONG RED MANGEL.—Choice stock as is ordinarily sold, and strictly first class and reliable in every respect. Packet 5 cents, ounce 10 cents, quarter-pound 15 cents, pound 50 cents. By express, 40 cents per pound.

MANGEL WURZEL, YELLOW OVOID.—Grows very symmetrical and freer of rootlets than the long sorts; of fine quality, very heavy. Pkt. 5c., ounce 10 cts., pound 50 cts.

MANGEL WURZEL, YELLOW GLOBE.—Similar to Red Globe, except in color; is thought by many to be better for feeding cows, as it is said to impart a rich color to the milk. Pkt. 5c., ounce 10c., pound 50c.

MANGEL WURZEL, RED GLOBE.—Roots of large size, and globular form; very productive, and adapted for shallow soil. Pkt. 5 cts., ounce 10 cts., pound 50 cts.

BEET, WHITE FRENCH SUGAR.—A very heavy cropper; cultivated in France for making sugar. Packet 5 cents, ounce 10 cents, pound 50 cts. **BEET, LANE'S IMPROVED SUGAR.**—One of the very best and most nutritious varieties for feeding cattle. Packet 5c., oz. 10c., lb. 50c.

BORACE.

The young leaves of this annual, which smell like a cucumber, are used as salad or boiled like Spinach. Should be sown at intervals, as the leaves are palatable only when young. Sow in the spring, in light soil, and transplant to shallow drills, a foot apart, when of about six weeks' growth. Pkt. 5 cents, oz. 15 cents.

BROCCOLI

One oz. will sow 200 feet of row. **CULTURE.**—Sow early sorts as soon as the ground can be worked in the spring, in shallow drills, drawn three or four inches apart. Plant out two feet apart each way, when plants are four inches high. Cultivate the same as cabbage, in rich soil.

EARLY PURPLE CAPE.—The best variety. Pkt. 10c., oz. 40c.

	Pkt.	Oz.	Lb.
Edmunds. Medium early; very tender,	5	10	75
Eclipse. Early; quick, tender growth,	5	10	75
Egyptian. Soon grows tough,	5	10	50
Bastian's. Early, tender, light color,	5	10	60
Dewing's. Good,	5	10	50
Early Blood Turnip,	5	10	50
Improved Early Blood Turnip,	5	10	60
Long Smooth Blood. Long winter var.,	5	10	60
Long Smooth Blood, Improved.	5	15	100
Swiss Chard. For greens,	5	10	75
Hallock's Mam. Long Red Mangel,	5	10	75
Mammoth Long Red Mangel,	5	10	40
Yellow Ovoid Mangel,	5	10	50
Yellow Globe Mangel,	5	10	50
Red Globe Mangel,	5	10	50
French Sugar Mangel. Rich in sugar,	5	10	50
Lane's Sugar Mangel. Rich in sugar,	5	10	50

Write for prices on quantities or lots by express.

	Pkt.	Oz.	1/2 lb.	1 lb.
Extra Early Forcing. Tender; very early,	5	10	30	100
Early Scarlet Horn. Thick roots; good,	5	10	25	75
Half-Long Red. (Stump-rooted.)	5	10	25	75
Nantes, or Early Half-Long Scarlet,	5	10	25	75
Carentan, or Early Half-Long Scarlet,	5	10	30	100
Chautenay, or Half-Long. (Stump-rooted.)	5	10	30	100
Ox Heart, or Guerande. Very thick and short,	5	10	40	125
St. Vallery, or Intermediate. Extra fine,	5	10	30	100
Danvers. ("Private Stock.") Most popular carrot,	10	15	40	150
Danvers. Good stock,	5	10	25	75
Long Orange, Improved. Fit for general purposes,	5	10	25	75

CARROT PRICE-LIST.

	Pkt.	Oz.	1 lb.
See remarks on the subject. Special prices on large lots.			
Altingham Long Scarlet. Immense yielder,	5	10	80
Hallock's Yellow Intermediate. 5-lb. lots, exp. 75c.,	5	10	100
Large White Belgian. Enormous cropper,	5	10	60
Large White Vosges. Very thick, and half-long,	5	10	75

CARROTS.

middle of May to the 1st of July. Thin out early crop to 5 inches in row; main crop 6 to 7 inches; the rows 10 inches apart for early crop. Hoe often and deep, y between the rows. Soil, light sandy loam, highly manured and deeply dug.

EXTRA EARLY FORKING.—Tender; fine for soups, etc.; best for earliest and latest crops. Pkt. 5c., oz. 10c.
DANVERS CARROT.—(Private Stock.) True Danvers green stock. This strain of seed is very scarce and very high. It is claimed by the growers to be the finest strain extant, and well worth the extra price charged for it, and with the ease of most any seed where it requires 3 pounds to sow an acre. The difference of \$3.00 in the price of seed is often repaid by a yield of \$25.00 worth more roots. We have taken great pains to secure this strain of extra quality. Pkt. 10c., oz. 15c., lb. \$1.50.
DANVERS.—The color of this valuable sort of recent introduction is a rich shade of orange. In shape it is midway between the Early Scarlet Horn and the Long Orange class. Under the best cultivation it is said to have yielded from 25 to 40 tons per acre. Packet 5 cents, ounce 10 cents, lb. 75 cents.
ST. VALERY or INTERMEDIATE.—The longest we grow and sell the seed of this variety the stronger our original favorable opinion is confirmed in regard to its merits as a table or general crop variety. The size is about 12 inches long by 2 1/4 to 2 1/2 inches in diameter a beautiful rich orange-red color; roots grow very smooth, and flesh even and fine. The shape is between the Long Orange and Half-long varieties. The roots grow especially fine in a light soil. Packet 5 cents, ounce 10 cents, pound \$1.00.

EARLY SCARLET HORN.—An old and favorite sort for early crop, but not large enough to be suitable for general culture. It is one of the varieties that is sold in the New York markets bundled up in the green state. It matures 8 to 10 days earlier than the Long Orange, and is sometimes used for forcing. Pkt. 5 cents, ounce 10 cents, pound 75 cents.
HALF LONG RED.—(S. C. and P. rooted). This variety is more largely grown for the New York market than any other. It is intermediate in size and time of maturity between the Early Scarlet Horn and the Long Orange. Packet 5 cents, ounce 10 cents, pound 75 cents.
NEW CHANTENAY CARROT.—In shape it resembles the half Long Nantes, but has larger shoulders and a more taper-

Our is all very clean seed, specially prepared. One oz. will sow 450 feet, 3 pounds will sow an acre. The price given is post-paid by mail. **CULTURE.**—Sow as early as the ground can be worked; or for late crop, until latter part of July; for main crop, sow from the 10th to the 15th of July. Thin out early crop to 5 inches in row; main crop 6 to 7 inches; the rows 10 inches apart for early crop. Hoe often and deep, y between the rows. Soil, light sandy loam, highly manured and deeply dug.

ing root end. It is almost without core. It is of extra fine quality, and very productive. Packet 5 cents, ounce 10 cents, pound \$1.00.
EARLY HALF-LONG SCARLET NANTES.—(Pointed rooted). The only difference between this and the preceding variety is that it has a pointed instead of a stump or blunted root. Packet 5 cents, ounce 10 cents, pound 75 cents.

VARIETIES FOR STOCK FEEDING PURPOSES.

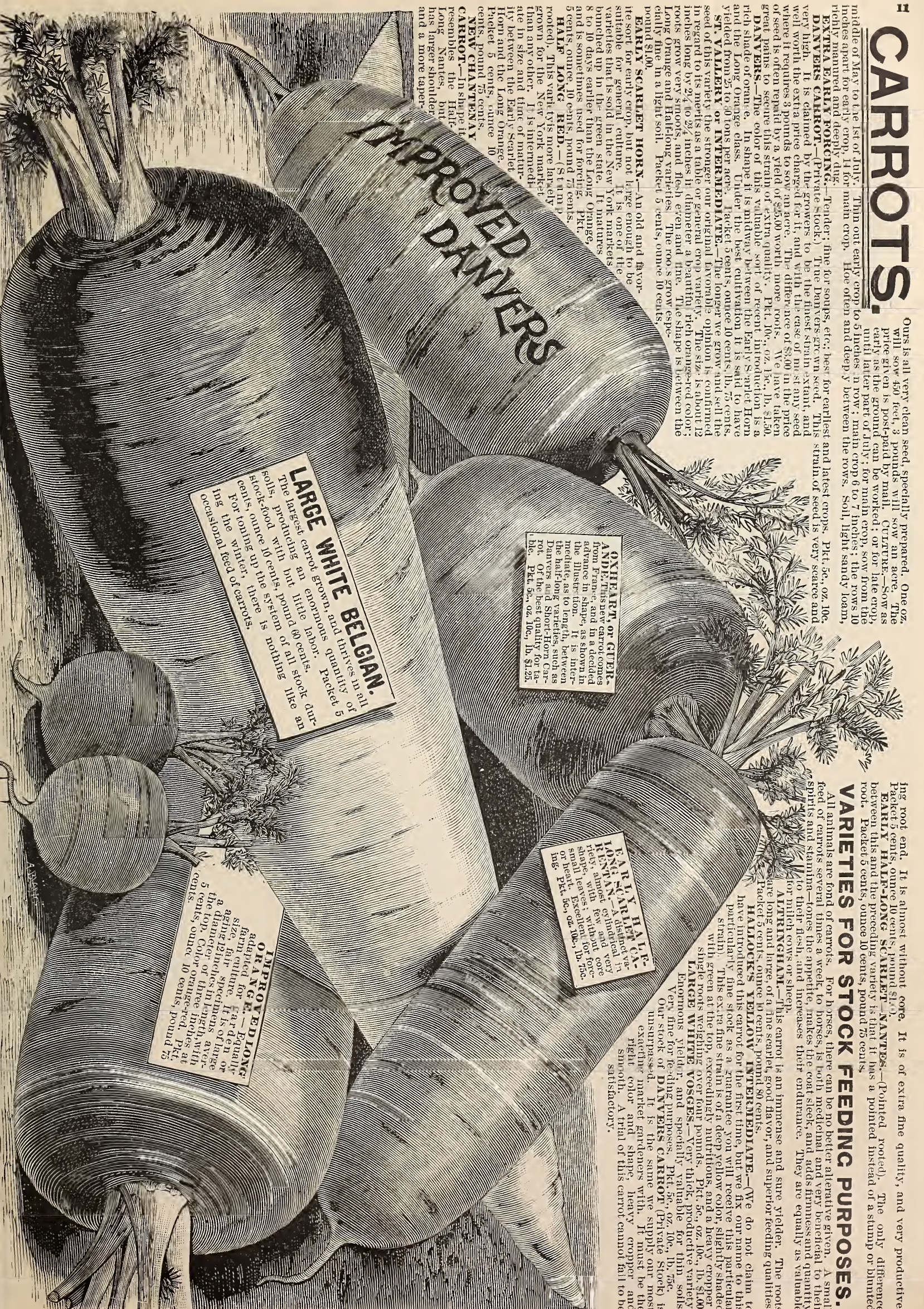
All animals are fond of carrots. For horses, there can be no better alternative given. A small feed of carrots several times a week to horses, is both medicinal and very beneficial to their spirits and stamina—tonic the appetite, makes the coat sleek, and adds firmness and quantity to their flesh, and increases their endurance. They are equally as valuable for muttons or sheep.
ALTRINGHAM.—This carrot is an immense and sure yielder. The roots are long and large, of a fine scarlet, good flavor, and superior feeding qualities. Packet 5 cents, ounce 10 cents, pound 80 cents.
HALLOCK'S YELLOW INTERMEDIATE.—(We do not claim to have introduced this carrot for the first time, but we fix our name to this particular) fine stock as a winter use you will receive this particular strain. This extra fine strain is of a deep yellow color, slightly shaded with green at the top, exceedingly nutritious, and a heavy cropper, single roots weighing over four pounds. Pkt. 5c., oz. 10c., lb. \$1.00.
LARGE WHITE VOSGES.—Very thick, productive variety. Enormous yielder, and especially valuable for thin soils. Very fine for feeding purposes. Pkt. 5c., oz. 10c., lb. 75c.
 Our stock of **DANVERS CARROT** (Private Stock) is unsurpassed. It is the same we supply our most exacting market gardeners with. It must be the right color and shape, heavy cropper and smooth. A trial of this carrot cannot fail to be satisfactory.

O'HEARTY or GUTTEN ANDER.—This new carrot comes from France, and in a decided advance in shape, as shown in the illustration. It is intermediate, as to length, between the half-long varieties, such as Danvers and Short-Horn Carrot. Of the best quality for table. Pkt. 5c., oz. 10c., lb. \$1.25.

EARLY HALF-LONG SCARLET NANTES.—A distinct variety, almost equal to the early Nantes, with color similar to the latter. Excellent. Pkt. 5c., oz. 10c., lb. 75c.

LARGE WHITE BELGIAN.
 The largest carrot grown and thrives in all soils, producing an enormous quantity of stock-food with but little labor. Packet 5 cents, ounce 10 cents, pound 60 cents.
 For toning up the system of all stock during the winter, there is nothing like an occasional feed of carrots.

IMPROVED LONG ORANGE.—Equally adapted for Earthen or firm culture. It is of large size, fair specimen, or a diameter of three inches at the top. Color of orange-red, with 5 cents, ounce 10 cents, pound 75 cents.



HALLOCK'S SELECTED CELERY SEED.



One ounce of seed will produce 2000 plants; 3 ounces to 100 yards of row. DIRECTIONS.—Sow on a finely-raked surface, and cover scarcely at all, quite early in the spring, in a moist place or convenient to water, which apply freely in dry weather.

When the plants are four inches, more or less, in height, transplant a portion into very shallow trenches formed in well-manured land, which planting repeat at intervals of two or three weeks for a succession, until the necessary quantity is set out. It is not prudent to surcharge the land with active manure, which sometimes burns the plants; a safer plan is to put a part on the surface around them, which, in the course of tillage, becomes incorporated with the soil. When water is applied during dry, hot weather, let it not be in immediate contact with the plants. We have succeeded in transplanting celery in the most unfavorable weather, in shallow trenches, between rows of sugar corn, the latter purposely planted at the proper distance to admit the celery. The shade afforded by the corn precludes the necessity of profuse watering, which sometimes scalds. When planted out, without protection of shade from corn, it is a good plan to cover the rows with long straw, which can be removed as soon as the plants begin to grow. During Autumn, as they advance in growth, blanch by earthing up gradually. That intended for late winter and spring use, it were better not to blanch at all, preparatory to being laid up.

GOLDEN SELF-BLANCHING.—(See illustration on back cover of catalogue). This is Nellis's American-grown stock. This variety was not lauded as a novelty, or praised because it was new; but was introduced to growers of celery for market and family use, and, from these sources, the universal opinion is that it is the best celery grown to-day. It is so reliable a cropper above all things. It is easily grown, yields enormous crops every year, is the best flavored and best selling celery in the market. The plant is stocky, half dwarf, with an extremely long, solid, large and tender heart. The lower or outside leaves do not sag down, or tend off, like many varieties do, admitting dirt to get between the leaves, and greatly injuring it, but grow close up. The remarkable qualities which characterize this sort are its extra fine flavor; solid, crisp, and beautiful stalks, which are of a delicate light creamy color, with light yellow leaves, slightly tinted green, causing it to grow in a blanched condition, thus obviating the tedious task of digging trenches in which to transplant the plants, and afterwards the great labor of banking up to secure eatable celery. Many who have private gardens have been deterred from growing celery on account of the great labor required to produce it. The ease with which this variety can be successfully grown is explained in the following simple directions: Plants can be readily grown from seed sown in seed-beds up to the middle of May, which will be fit to transplant in July and August into rows three feet apart and six inches apart in the row. Two or three weeks before wanted for use, the soil should be drawn up around the plants sufficiently high to hold the stalks together, similar to hilling corn; or the tops of the plants can be tied together with soft matting, which will cause the stalks to become crisp and tender. Thus, it will be seen that extra fine celery can be produced with but little more labor than that needed to grow a head of cabbage or lettuce. In addition to all the above advantages, its keeping qualities are the best, it having been wintered in perfect condition past the middle of May this present season, a feature which no other variety possesses which is claimed to be self-blanching.

The great economy in growing this sort has been appreciated by many large celery growers who market their product in New York, and who are planting this kind this season solely. Those who grew it last season received from \$1.00 to \$1.50 advance per dozen bunches over any other kind in this market, a proof which speaks volumes in its favor. Pkt. 15c., 1/2-oz. 65c., 1 oz. \$1. 1/2-lb. \$4.00, lb. \$16.

GOLDEN SELF-BLANCHING (from France).—It is a valuable acquisition. on the style of the "White Plume," being a beautiful golden yellow, is white. Packet 5 cts., half ounce 25 cts., 1 ounce 40 cts., quarter-pound \$1.25, pound \$4.00.

IMPROVED WHITE PLUME.—This is the earliest white variety. Blanches easily and quickly in early fall by drawing earth around it. It will not keep over winter. The best early variety. A variety naturally very white and tender. Requires less banking than any other kind. It has been praised and advertised extravagantly, and it certainly has great merit, being very early, beautiful in appearance, and requiring little banking. Our seed is much improved since it was first offered to the public. Packet 10 cents, half-ounce 25 cents, ounce 40 cents, quarter-pound \$1.25, pound \$4.50.

PERFECTION HEARTWELL.—Fine, strong grower, and is a good-keeping winter variety, for either family or market-garden use. Packet 10 cents, half-ounce 25 cents, ounce 40 cents, quarter-pound \$1.25, pound \$4.00.

GOLDEN HEART.—This is a very reliable, satisfactory variety, and consequently the most planted of any variety. With any chance at all, it will produce magnificent bunches. In habit it is half-dwarf, in fact a happy medium between the tall and too dwarf. Produces a large bunch of crisp and tender stalks. Outside pure white towards the heart, which is remarkably full and tender; it changes to a light creamy-yellow—hence its name. When other varieties spoil and decay during the winter, this remains perfect, and grows more tender towards spring. Packet 5 cts., half-ounce 20 cts., ounce 30 cts., pound \$3.00.

GOLDEN HEART (California grown).—Pkt. 5c., half-ounce 15c., ounce 20c.

"KALAMAZOO."—It is perfectly distinct, and is of a beautiful cream-white color throughout, attains a very large size, is of a quick growth, stiff, close habit (outer ribs standing straight and perfect, as seen in illustration), is remarkably solid, thickly and closely set, while, by reason of its neat growth and showy and handsome appearance, it is a specially valuable variety for market. It is also a first-class keeper, and not only will it remain fit for use as long as any other variety of celery, but it will resist the effects of the most severe winter equally with any other celery in cultivation. For the use of hotels, restaurants, and other large establishments it is unequalled, there scarcely being any waste in dressing it for the table. It has such a distinctive appearance in growth as to cause almost everyone seeing it to exclaim: "What celery is that?" Long rows of it being as level and even as though each plant had been shaped in the same mold it is sure to take the lead amongst the white varieties of celery, and should be grown in every garden, large and small alike. Packet 10 cents, ounce 40 cents.

HALF-DWARF (Crawford's).—Our strain of this is genuine. A superior white variety, of intermediate size, possessing a delicious nutty, sweet flavor. Very desirable for market or family use. Pkt. 5c., 1/2-oz. 15c., oz. 25c., pound \$3.00.

HALF-DWARF (California-grown seed).—Pkt. 5c., half-ounce 15c., ounce 20c.

EARLY ARLINGTON.

—This is a very popular variety around Boston; while no doubt it is a fine, showy, and excellent flavored variety when well grown, for general use we do not consider it equal to Golden Self-Blanching for medium and late use. We keep the genuine strain of seed, and it certainly does, under favorable conditions, produce an enormous root. Packet 5 cents, half-ounce 20 cts., ounce 30 cts.

BOSTON MARKET.—A favorite variety, remarkable for its tender, crisp, and succulent stems, and its peculiarly mild flavor. It is grown largely by Boston market gardeners. Pkt. 5 cts., 1/2-oz. 20 cts., oz. 30 cts.

GIANT WHITE SOLID.—A good variety, clear white, solid and crisp. Pkt. 5 cts., 1/2-oz. 15 cts., oz. 25 cts., 1/4-lb. \$1.50, lb. \$2.50.

SANDRINGHAM WHITE.—A much esteemed variety; very solid, crisp, and of fine flavor. Pkt. 5 cts., 1/2-oz. 15 cts., oz. 20 cts.

WALNUT IVORY.—Keeps well, quite dwarf, solid, crisp, and of rich flavor. Packet 5 cts., half-ounce 15 cts., ounce 25 cts.

SULHAM PRIZE PINK.—(True.) This is the most beautiful, and, indeed, the most delicious variety grown. No kitchen-garden complete without it. Pkt. 10 cents, oz. 50 cents, 1/4-lb. \$1.50.

INCOMPARABLE DWARF CRIMSON.—A distinct variety, of fine flavor. Packet 5 cts., half-ounce 15 cts., ounce 25 cts.

COVENT GARDEN RED.—Of strong growth and good flavor. All of the red varieties good flavor. Pkt. 5, 1/2-oz. 15, oz. 30.

SOUP CELERY.—Excellent for flavoring. Pkt. 5 cents, oz. 10 cents, lb. 40 cents.

CELERIAC, OR TURNIP-ROOTED CELERY.—The best tall variety. Apple-shaped. Grown exclusively for its roots, which are turnip-shaped, very smooth, tender, and marrow-like. The roots are cooked and sliced. Used with vinegar, they make an excellent salad. They are also used for seasoning meats, and to flavor soups. Packet 5 cents, ounce 20 cents.

NOTES ON CELERY.

Which varieties would we recommend that we would plant ourselves? We would, for early use, recommend **White Plume**. This can be perfectly blanched earlier than any other variety. Do not depend on its blanching itself, as some are led to believe, but draw up earth around it. In this manner it will blanch more perfectly and sooner than any variety—but will not keep for late. The great advantage of the self-blanching strains is that they blanch quicker, more perfectly, and more tender than any others. To follow **White Plume** for next early and late, take **Golden Self-Blanching**. This is the most perfect of all celery. It is as early as any, except **White Plume**, and an excellent keeper over winter. The heart is extremely large, tender, and beautiful. Without doubt the best of all celery.

Perfection Heartwell is an excellent sort; strong, thrifty grower, and good keeper. **Golden Heart** and **Crawford's Half-Dwarf** are reliable varieties. The red or pink varieties make a fine contrast on the table, and are especially tender and sweet.

WHY DID WE DOUBLE OUR BUSINESS IN 1898?

We can only account for the flattering increase in one way. Hallock's seeds are TRUE TO NAME, and UNEXCELLED IN QUALITY. If you have not tried our seeds before, send us a small order now, and you will never regret it.

HALLOCK'S NEW Cucumber Seeds.

The prices quoted below are for the seed post-paid, by mail. Write for SPECIAL PRICES for larger quantities of cucumber seeds. One ounce will plant fifty hills; two pounds will plant an acre. Cucumbers succeed best in warm, moist, rich, loamy ground. They should not be planted in the open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing with the soil in each a shovelful of well-rotted manure. When all danger from insects is past, thin out the plants, leaving three or four of the strongest to each hill. The fruit should be picked when large enough, whether required for use or not, as, if left to ripen on the vines, it destroys their productiveness. Sow for pickling from the middle of June to the middle of July.

BENNETT'S WHITE SPINE CUCUMBER.—(Private Stock.) The best cucumbers coming to the New York market are grown at Bay Ridge, Long Island, where we procure our seed stock from a celebrated grower. This strain grows from seven to ten inches long, proportionately thick throughout, being as full at both ends as in the centre. It is a week earlier than the variety known as "Improved White Spine," but retains its glossy, dark-green color much longer on the vine. We have grown and tested this variety long and carefully, and have sold it extensively to our best market gardeners in our vicinity. It has given the greatest



satisfaction in all cases, and has proved itself to be the best and most reliable strain of White Spine in the market. We do not except the Arlington White Spine, while it is sold at nearly double the price, we do not call it nearly as good a cucumber. For market plant no other. Pkt. 10c., oz. 20c., 1/4-lb. 40c., lb. \$1.25.

PERFECT WHITE SPINE CUCUMBER.—The grower of this variety says: "For eight years we have been growing and improving this variety on our seed farm, and as a result, we offer to our customers this improved strain, which has been pronounced by good judges as superior to either the Peerless or Arlington. It is certainly the most excellent variety that we are acquainted with. The fruit is of even and good size, straight, and always well formed and symmetrical. When small it is deep green in color, and of uniform shape, making it unexcelled for pickling. As it matures it turns to a clear, beautiful white, very handsome and showy for market, so different from the common White Spine, which is of a dirty yellowish-brown color. Immensely productive. Try it, and you will be pleased." Pkt. 5c., oz. 15c., 1/4-lb. 45c., lb. \$1.

ARLINGTON WHITE SPINE.—A strain of White Spine which has been improved through several years of careful selection, with a view to use for forcing in hot-houses and frames. Our stock produces very handsome, dark-colored cucumbers, which excel in crispness and flavor all the other varieties which flourish in open-air culture. A peculiar feature of this strain is the evenness of size, form, and color of the cucumber throughout the entire crop; they sell at fancy prices in the market, early in the season; it retains its green color a long time. Packet 10 cts., ounce 40 cts., quarter-pound 60 cts., pound \$2.00.

IMPROVED WHITE SPINE.—Well flavored and of medium size; a favorite table sort; finely shaped. Packet 5 cents, ounce 10 cents, quarter-pound 25 cents, pound 75 cents.

EARLY RUSSIAN.—The earliest variety; but 3 or 4 inches long. Its best quality is earliness. Pkt. 5., oz. 10., 1/4-lb. 25., lb. 80.

EARLY FRAME.—An early sort, formerly much used for forcing, and also open culture. Short—about 5 inches long. Packet 5 cts., ounce 10 cts., quarter-pound 25 cts., pound 80 cts.

TAILBY'S HYBRID.—Very long, and superior for family table use. Packet 5c., ounce 10c., 1/4-pound 30c., pound \$1.00.

WHITE JAPAN.—Medium size, pure white, smooth and handsome; very crisp and tender. Packet 5 cents, ounce 10 cents, quarter-pound 30 cents, pound \$1.00.

LONG GREEN.—Long, crisp, and a popular and reliable variety for pickles. Packet 5 cts., oz. 10 cts., 1/4-lb. 30 cts., lb. \$1.00.

GREEN PROLIFIC PICKLING.—One of the best for pickling. Dark green, very productive, and of uniform small size. Packet 5c., ounce 10c., quarter-pound 30c., pound \$1.00.

BOSTON PICKLING.—A favorite eastern sort, of fine quality. Packet 5c., ounce 10c., quarter-pound 30c., pound \$1.00.

GIANT PERA.—A long, smooth, straight, dark-green cucumber, attaining a length of 18 inches. Flesh white, crisp, tender, and free from all bitterness. It requires a rich soil, and to be grown quickly, in order to bring it to perfection. Packet 10 cents, ounce 20 cents, quarter-pound 40 cents, pound \$2.00.

EARLY GREEN CLUSTER.—Fruit small, and in clusters; a standard sort. Packet 5c., ounce 10c., quarter-pound 30c., pound \$1.

GIANT PERA. NICHOLS' MEDIUM GREEN.—New; most symmetrical, and very fine for pickling, but must not be left on the vines after it is in good condition, or it will change color and lose flavor. Packet 5 cents, ounce 10 cents, quarter-pound 30 cents, pound \$1.00.

LONG GREEN TURKEY.—A very crisp, and firm variety of most excellent quality. When full grown it measures about 15 inches in length; very productive. Packet 5 cents, ounce 15 cents, quarter-pound 30 cents, pound \$1.00.

WESTERFIELD'S IMPROVED CHICAGO PICKLE.—For several years

Chicago has led in the manufacture of pickles, consequently market gardeners have sought to breed a prolific strain especially adapted to this purpose. Mr. Westerfield, who has been interested in the business since its beginning, thinks he has in this one secured a variety that combines all the qualities sought, and as proof refers to every large pickle factory at or near Chicago, all of whom prefer it to any variety known to the trade, even at double the price. It is a profitable kind for this purpose. Pkt. 5c., oz. 20c., 1/4-lb. 60c., pound \$2.00.

WHITE DUTCH.—A white variety of excellent table qualities. Pkt. 10c., ounce 25c., 1/4-pound 75c., pound \$3.00.

SMALL WEST INDIAN GHERKIN.—Very small, like a burr; used for pickles. Pkt. 10c., ounce 25c., pound \$2.50.

ENGLISH CUCUMBERS, FOR FRAMES.

Packets contain from 5 to 15 seeds, according to variety.
PRIZE FIGHTER.—Standard sort. Packet 25 cents.
TELEGRAPH.—Free bearing, long, and extensively grown; handsome. Packet 25 cents.

	Pkt.	oz.	1/4-lb.	lb.
Benner's White Spine. (Private Stock.)	10	20	40	\$1.25
Perfect White Spine. Very prolific.	5	15	45	1.00
Arlington White Spine. (Private Stock.)	10	40	60	2.00
Improved White Spine.	5	10	25	75
Early Russian. Very early; 3 to 4 in. long.	5	10	25	80
Early Frame. Early, used for forcing.	5	10	25	80
Tailby's Hybrid. Superior for family use.	5	10	30	1.00
White Japan. Pure white; handsome.	5	10	30	1.00
Long Green. Long, crisp, good for pickles.	5	10	30	1.00
Boston Prolific Pickling.	5	10	30	1.00
Green Pickling. A favorite in Boston.	5	10	30	1.00
Early Green Cluster.	5	10	30	1.00
Nichols' Medium Green. Fine for pickles.	5	10	30	1.00
Long Green Turkey. Desirable.	5	15	30	1.00
Westerfield's Chicago Pickling.	5	20	60	2.00
White Dutch. A white variety.	10	25	75	3.00
Giant Pera. Very long; for table use.	10	20	40	2.00
West Indian Gherkin or Burr.	10	25	25	2.50
English Frame Cucumber "Telegraph."	Packet	25	25	cents.
" " "Prize Fighter."	"	25	25	cents.

CELERY PRICE-LIST.

	Pkt.	1/2-oz.	oz.	1/4-lb.	lb.
Golden Self-Blanching.	15	65	\$1.00	\$4.00	\$16.00
Golden Self-Blanching, French.	5	25	40	1.25	4.00
Improved White Plume.	10	25	40	1.25	4.50
Kalamazoo.	10	25	40		
Perfection Heartwell, fine.	10	25	40	1.25	4.00
Golden Heart, very fine; popular.	5	20	30	1.00	3.00
Golden Heart, California grown.	5	15	20	50	1.50
Half-Dwarf, Crawford's.	5	15	25	1.00	3.00
Half-Dwarf, California-grown.	5	15	20	50	1.50
Early Arlington, blanches rapidly.	5	20	30	1.00	3.00
Boston Market, semi-dwarf.	5	20	30	1.00	3.00
Giant White Solid, popular South.	5	15	25	75	2.50
Sandringham White, fine flavor.	5	15	20	50	1.50
Walnut Ivory, walnut-like flavor.	5	15	25	75	2.50
Sulham Prize Pink, delicious.	10	30	50	1.50	
Incomparable Dwarf (Crimson).	5	15	25	75	2.50
Covent Garden Red.	5	15	30	1.00	3.00
Soup Celery Seed, for flavoring.	5	10			40
Celeriac, giant turnip-rooted.	5	15	25	75	2.50



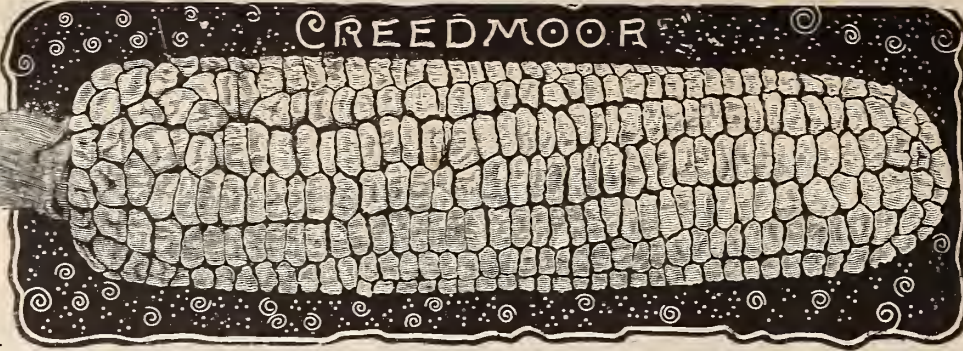
NOTICE THE FULL AND COMPLETE LIST OF ODD AND RARE SEEDS ON PAGE 24. SOMETHING ON IT FOR YOU, WE THINK.

THIS LIST OF CUCUMBERS IS ONE THAT SHOULD BE CAREFULLY AND CLOSELY READ.

HALLOCK'S SWEET OR SUGAR CORNS.

FOR TABLE, CANNING, AND OTHER USES.

Our Sweet Corn seed is all new crop, Northern and Eastern grown. To keep the quality of Sweet Corn up to the highest state of perfection for table use or canning purposes, the seed must be grown well north and east. The first grade of sweet corn comes from Maine, where we have some of our best strains grown for us. Much of the sweet corn sold is raised West. It is well understood by all experienced seedsmen that the quality deteriorates very quickly when raised there. The best seedsmen in the West get their corn from this section and further east. Sweet corn in the South is not as much of a crop as it should be. **Extra Early Adams**, while not a sweet corn, is largely used in the South for table use. It will stand all weather, wet or dry, hot or cold. **Evergreen** and **Mammoth** also do well South. All the prices quoted by the Packet, Pint, or Quart are post-paid, by mail. Prices



ears much larger, each containing twelve or fourteen rows of kernels, well filled to the end. The grains are very large and pure white, but the cob is red. The ears are about the same length as Crosby's, but larger round, and are ready to market fully a week earlier. The stalks grow 5 1/2 feet high, and the ears (2 to a stalk) are set about 2 feet from the ground. Pkt. 10c., pint 15c., quart 30c.

MOORE'S EARLY CONCORD.—Grows about the same height as Crosby's, and ripens nearly as early. Ears large, with 12 to 14 rows; very sweet and delicate in flavor. Packet 10 cents, pint 15 cents, quart 30 cents.

EXCELSIOR.—The best quality of the second-early sorts, and the best for general crop. Stalks medium, bearing from three to six small, curved ears, which are filled out to the end with broad, white kernels, that cook exceedingly sweet and tender. Pkt. 10c., pt. 20c., qt. 35c.

HICKOX IMPROVED.—Medium late. Very bright, clear, milk-white ears of good size and beautiful form. Rich flavor; a fine table, and valuable market sort. Packet 10 cents, pint 15 cents, quart 35 cents.

MAMMOTH SWEET.—A late variety, with ears of the largest size; 12 to 15 rowed, and of fine flavor. Packet 10 cents, pint 20 cents, quart 35 cents.

ADAM'S EARLY.—A favorite in the South. The earliest of all the Dent sorts. Large ears. Packet 10 cents, pint 20 cents, quart 30 cents.

	Pkt.	Pt.	Qt.
Creedmoor—Best table corn, medium, early, - - - -	.10	.25	.45
Cory—Earliest of all, - - - -	.10	.20	.40
Perry's Hybrid—Earliest large corn, extra, - - - -	.10	.15	.35
Crosby's Early—Favorite canning sort, fine, - - - -	.10	.20	.35
Evergreen—Favorite medium, early, - - - -	.10	.15	.30
Hickox Improved White—Medium, early, very fine, - - - -	.10	.15	.35
Excelsior—Medium, early, extra fine table corn, - - - -	.10	.15	.30
Extra Early Adams—Very early, not sweet, but used for market, - - - -	.10	.15	.30
Early Minnesota—Very early, small, - - - -	.10	.15	.30
Concord—Fine medium, early sort, - - - -	.10	.15	.30
Mammoth Sweet Late—Very large and sweet, - - - -	.10	.15	.30

by Peck or Bushel go by express or freight, at purchaser's expense. We shall be pleased to quote Canning Establishments, Institutions, or large buyers of sweet corn, SPECIAL RATES. One quart will plant 200 hills; 8 quarts will plant an acre in hills. Make first planting about the time the Cherry is in bloom.

NEW SWEET CORN "CREEDMOOR."—This is the most delicious table-corn sold. The ears are of good size, grain white, skin exceedingly tender, no woody hull, like most corn, that you get between your teeth, and annoying when eating. This is so tender it can be eaten from the cob much easier than any other kind. Very juicy, deliciously sweet and rich flavor. It is a cross between the Trimble (the sweetest of all corn, but ears are so small and difficult



PERRY'S HYBRID.

to cure, being so sugary, that it is not raised for selling) and Squantum, being equal in quality to the first and equal in size to the second, and more tender than either. Packet 10 cents, pint 25 cents, quart 45 cents.

THE NEW CORY SUGAR CORN.—The earliest sugar corn in the world. This excellent and remarkable early variety of sweet corn, introduced by Joseph Cory, a market gardener of Rhode Island, is positively the earliest sugar corn in cultivation, and is fully one week or ten days ahead of the Early Marblehead or Minnesota, which have always been considered two of the earliest varieties of sugar corn. The ears of the Cory Sugar Corn are much larger than the Minnesota or Marblehead. The stalks are dwarf in growth, but strong and hardy; ears set low down, generally two to three good ears to the stalk; carry their thickness well up to the point. It is very productive, excellent quality, and owing to extra earliness and remarkably good quality, always brings the highest price in the market. The originator of this valuable sweet corn says: "From six acres planted on the 1st of April, he marketed on July 7th, 7000 ears at 35 cents per dozen, and on July 16th, 15,000 ears at 30 cents per dozen, while the Marblehead was not ready until 7 or 8 days afterwards. Large pkt. 10c., pt. 15c., qt. 40c."

CROSBY'S EARLY.—A most excellent variety, and remarkably early. Ears of good size, twelve-rowed, medium length, grain very thick, sweet, rich, and delicate. This is the great canning corn. Used in immense quantities. Packet 10 cents, pint 20 cents, quart 35 cents.

EXTRA EARLY ADAMS.—Is the greatest variety to withstand wet, heat, and drought in existence; largely planted in Louisiana, and other extreme Southern States. Not a sweet corn; this is a tender white corn for table use, ripening ahead of all others, except New Cory; and as the first corn always sells well, it is largely grown by truckers. Dwarf stalks, small ears; very hardy; can be planted earlier than any sweet corn; matures within 60 days. Pkt. 10 cents, pint 15 cents, quart 30 cents.

EARLY MINNESOTA.—The Standard Early Sweet Corn, ripens a little earlier than Crosby's. Eight-rowed ears of good size, sweet, and well flavored. Stalks grow about five feet high, and ears set middling low down. Packet 10c., pint 15c., quart 30c.

STOWELL'S EVERGREEN.—This is a standard variety. Is very productive, and remains long in roasting-ear condition. Packet 10 cts., pint 15 cts., quart 30 cts.

PERRY'S HYBRID.—A very fine, new, early variety, fully as early as the Minnesota, and



Hallock's Field Corn.

THE TRUE LEAMING CORN.—So great was the demand for this valuable corn, when its good qualities had once become known, that it was impossible to get pure seed to supply the demands. Hence, unprincipled dealers offered different varieties under the name of Leaming, Improved Leaming, etc. By this means the reputation of the Leaming Corn was very much injured, as many

planted what they supposed to be Leaming Corn, but which was some old or inferior variety, and either failed to germinate properly or to make a satisfactory crop. As we were the first to introduce this splendid early corn to the farmers of this country, we have felt a great interest in its success, and have taken especial pains to keep the seed pure, and as near the original type as possible, and to designate it from other or mixed varieties, we call it **The True Leaming Corn**, which is our trade-mark or name for this variety, and we guarantee all seed bought of us to be the genuine and the true article, and warranted to grow and fulfill the description and quality given below. **The True Leaming Corn** grows to a medium height; not as tall as some kinds. The stalks, which are strong, take a firm hold in the ground, and very often bear two good ears each, as can be seen in the illustration. The ears are from 9 to 12 inches in length, average from 16 to 20 rows of grain, and are noted for being uncommonly well filled out at the ends. The grains, which are of a dark-golden color, are unusually deep, a very small, thin red cob, and the quality, when ground, makes the nicest and richest corn meal imaginable. But the greatest recommendation the True Leaming Corn has is its earliness in ripening and reliability of making a crop on thin soils. On rich and highly-manured soils it has repeatedly made over 100 bushels of shelled corn to the acre. For planting late or replanting, or for planting on ground that is wanted for fall seeding, it is the most valuable and profitable variety we know of or have ever tried, as it will, under almost any circumstances, mature a crop in 90 days, and ripen up hard and solid, ready to crib long before any of the dent varieties. The stalks, which are abundantly supplied with broad, dark-green leaves, makes the best fodder when dry. The corn is easy and pleasant to husk, and the ears being of a rich, dark-golden color, makes the handsomest appearance of any corn we know of. Of all the varieties of field corn we have ever tried, the **True Leaming** is the earliest, hardiest, surest, and most profitable kind to plant. Our crop the past season was all that could be desired, being well grown, perfectly ripe, and dry before frost. Pure and first-class in every respect. By mail, large packet 10 cents, pound 40 cents, three pounds \$1. By express or freight, four quarts 40 cents, peck 75 cents, half bushel \$1.25, bushel \$2.00, two bushels \$3.50, four bushels or more \$1.60 per bush. Special prices for large quantities. Worthy of a trial.

ADAM'S EARLY.—As we were the first to introduce this splendid early corn to the farmers of this country, we have felt a great interest in its success, and have taken especial pains to keep the seed pure, and as near the original type as possible, and to designate it from other or mixed varieties, we call it **The True Leaming Corn**, which is our trade-mark or name for this variety, and we guarantee all seed bought of us to be the genuine and the true article, and warranted to grow and fulfill the description and quality given below.

ADAM'S EARLY.—As we were the first to introduce this splendid early corn to the farmers of this country, we have felt a great interest in its success, and have taken especial pains to keep the seed pure, and as near the original type as possible, and to designate it from other or mixed varieties, we call it **The True Leaming Corn**, which is our trade-mark or name for this variety, and we guarantee all seed bought of us to be the genuine and the true article, and warranted to grow and fulfill the description and quality given below.

THORBURN'S GOLDEL.—Raised for us at the North. This we consider the most valuable strain of all Field Corns for this and more northerly latitudes; early, Pkt. 10c., pt. 15c., qt. 25c., bush. \$2.50.

CORY CORN.

Cob small; grain large, and fills cob. Pkt. 10c., pt. 15c., qt. 25c., bush. \$2.50.

FIELD CORN.—Continued.

THE HICKORY KING.—The smallest cob and largest-grained pure white dent corn in the world. Samuel Wilson says: "In introducing the Hickory King Corn to the public, we claim that we have something not only new, but the most reliable and valuable white corn in cultivation. It is a regular field variety, medium early, ripening with the Farmer's Favorite, and other early dent sorts, and we can truthfully say, it will yield more good, solid corn on thin soil; will shell more and weigh more to a given measure, make more ears to a stalk, and bear planting closer than any other field variety of white corn in the world. As the stalks are neither over-tall or large, and never barren, no matter how thin the soil, you are always sure to get a crop of the Hickory King." It shells and husks easily, and makes as much fodder to the acre as other kinds, from the fact that where you lose in height you gain in the extra number of stalks. It is unusually productive in ears, nearly always two, and very often three good ears to a stalk. The ears have a thin husk and an uncom-



HICKOX IMPROVED.—(See description on preceding page.)

CHAMPION WHITE PEARL.—Fine South. This is a very handsome white corn. The grain is pure white, exceedingly heavy and long, two of which will span the cob, which is small. Being medium in size of stalk, it can be planted much thicker than a large corn, and at the same time bear a full-sized ear. The originator has established in Champion White Pearl Corn a short, thick stalk, with the ear growing low upon it, which is an advantage in stormy weather. Packet 10 cents, pint 15 cents, quart 25 cents.

MOSBY'S PROLIFIC CORN.—Mr. Frotscher says: "This is a Southern corn, and is recommended for general crop. This corn is a cross between two widely different varieties. It is pure white, small cob, deep, full grain—neither too hard nor too soft. It will stand crowding in the drill as close again as any other variety. Ears of medium size, but long. It stands the drought better than ordinary corn. I sold a large quantity of this corn for seed the last two years, and have found it to do better than any other white corn I ever saw planted in Louisiana. Recommend it very highly. Should be planted early. Packet 10 cents, pint 15 cents, quart 25 cents.

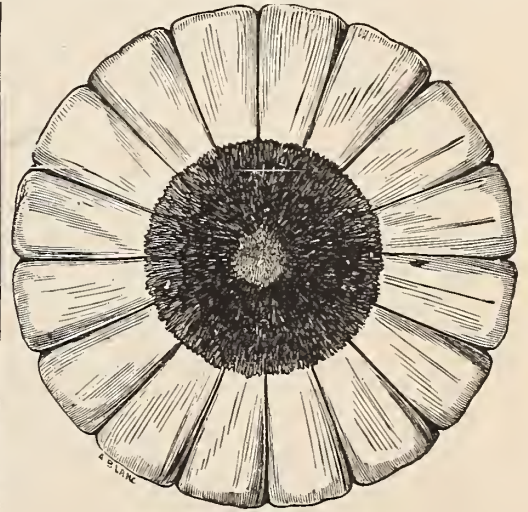


HICKORY KING.

CORN for Flour, Corn Meal, Ensilage, Broom Corn, Fodder, Forage, and Feed. For Sorghums, and other Forage Plants, see "FORAGE PLANTS," in index, also "FARM SEEDS." One pint of seed to 100 yards of row. One quart will plant 200 hills. Eight quarts will plant an acre in hills. Three bushels will sow one acre broadcast; half a bushel, if sown in drills. When you receive corn in bags, take it out and air and dry thoroughly.

	Pkt.	Qt.	Pk.	Bu.
Adams Early. Early dent; good South.	.10	.30	.75	\$3.00
Thorburn's Golden Yellow Flint. Early	.10	.30	.75	2.50
Large White Flint or Early Sanford. Very fine North and South.	.10	.25	.50	2.00
Leaming. Early; very fine.	.10	.25	.60	2.50
Blunt's Prolific. Prolific, and for ensilage.	.10	.25	.50	1.75
Hickory King. Late; large grain; for poor soil.	.10	.40	.75	3.00
Maryland White Gourd Seed. Snow-white; for South.	.10	.25	.50	2.00
Mammoth White Surprise. Large, productive.	.10	.25	.60	2.50
Old Cabin Home. For the South.	.10	.30	.60	3.00
Thoroughbred White Flint. Fodder and ensilage.	.10	.25	.50	2.00
Tuscarora. A flour corn for South.	.10	.25	.60	3.00
Sugar Corn for fodder.	.10	.25	.50	2.00
Brazilian Flour Corn. For fine flour.	.10	.25	\$1.25	4.00
Champion White Pearl. Pure white; stocky; fine South.	.10	.25	1.00	3.00
Mosby's Prolific. For general use South.	.10	.25	.75	2.50

Price of Packets and Quarts are sent post-paid at prices given.



CHAMPION WHITE PEARL.

monly small cob. By breaking an ear in half, one grain will cover the entire end of the cob. Length of ear 7 to 9 inches; circumference of ear, 6 1/4 to 6 1/2 inches. Both ends of ear filled full to the end of the cob. Pkt. 10c., pt. 25c., qt. 40c.

After another year's careful trial and thorough inquiry, we do not think quite as much of this variety as before, the grains are so large it is somewhat difficult to keep without moulding. It is late, but will always ripen in this section. The stalks are very tall and large. We believe on poor or thin soil it will be valuable; here it is too rank a grower.

LARGE WHITE FLINT, OR EARLY SANFORD.—Best for Hominy.

Well suited for both Northern and Southern States. Ears are of fine, large size, of a beautiful pearly appearance. Much used for making hominy. The best white variety grown, and extensively used both for the grain and as fodder and ensilage. It is of very luxuriant growth; very prolific; large stalk, with plenty of leaves, and handsome ears twelve inches long. Kernels plump nearly white in color. Pkt. 10c., pint 20c., quart 25c.

MARYLAND WHITE GOURD-SEED.—A very showy variety; large grain and snowy white. Admirable for meal. Only offered for Southern culture. Pkt. 10 cts., Quart 25 cents, bushel \$2.00.

BLUNT'S WHITE PROLIFIC, OR MAMMOTH ENSILAGE.—This variety of field corn originated with Mr. C. Blunt, the celebrated corn hybridizer. It produces, on medium good land, 100 bushels to the acre, growing from 3 to 8 good ears to the stalk. It is also much used for ensilage, and has been known to produce 70 tons of fodder to the acre. It makes a superior flour. Pkt. 10c., pt. 20c., qt. 25c.

SUGAR CORN.—For green fodder. This is better than any field corn to grow for

MAMMOTH WHITE SURPRISE CORN.—This is a productive white field corn. The ears grow 12 to 15 inches long, filling out to the extreme end, and contain from 14 to 28 rows of large deep graids. It makes a very superior and nutritious white corn meal. It is a vigorous grower, reaching 12 to 15 feet in height, and giving an abundant yield of excellent fodder. Packet 10 cents, pint 15 cents, quart 25 cents.

OLD CABIN HOME.—A thick-eared, Southern type of white corn, with enormously deep and broad grain and extraordinary slim cob. Remarkably fine for meal. Quart 30 cents, bushel \$3.00.

green fodder crops, from the fact that it is so very sweet and nutritious that cattle will eat every part of the stalk and leaves with relish. Drill thickly, in rows 3 feet apart, using 2 1/2 bushels of seed per acre. For fodder, corn is the greatest fodder crop of all. Plant in rows 3 to 3 1/2 feet apart, dropping 1 pint to every 200 feet of row; cover lightly, and cultivate with a horse; cut before the leaves dry too much. Cure thoroughly before stacking. Peck 60 cents, bushel, \$2.00, four bushels or more, at \$1.75 per bushel, bags included.

THOROUGH BRED WHITE FLINT.—The best variety for fodder or ensilage. Distinct from all others. It is of such spreading habit that not more than one kernel should be allowed to grow in a hill. Its great snacking habit, breadth of blade, and smallness of stalk recommend it as a fodder plant, while for ensilage purposes, it is the most valuable variety grown. Pkt. 10c., pt. 15c., qt. 20c.

TUSCARORA.—"Flour-corn," so called by reason of the snow-white character of the interior of grain; grain full, soft; foliage prolific. For South. Pkt. 10c., pt. 15c., qt. 25c.



CALIFORNIA, OR GOLDEN POP CORN.

GOLDEN POP CORN IS A BEAUTY.

—POP—

QUEEN'S GOLDEN.—This is a very fine variety of pop corn. Delicate golden-yellow, and when popped is snow-white, and nearly an inch in diameter. Exceedingly tender and delicate. A heavy bearer, the stalk growing about 7 feet high. Ears—10c. each, 3 for 25c. Shelled—Pkt. 10 cts., pint 30 cts., quart 65 cts.

—CORN—

CALIFORNIA, OR GOLDEN POP CORN.—A novelty of great merit and rare beauty. This beautiful, curious, and miniature variety of pop corn is a native of Lower California, and is the only kind of corn that will mature in that country. It was recently discovered growing among a tribe of Indians, who

POP CORN.—Continued.

used it parched or popped, as their principal article of bread. It certainly is the most curious and, at the same time, the most beautiful variety of corn we have ever seen. The stalks grow from $3\frac{1}{2}$ to 4 feet high, bearing numerous very small

miniature ears, from 2 to 3 inches in length, perfect in form and shape. Deep pointed grains, of a fine, rich golden color. So near are the ears alike in appearance, that they seemed to have all been cast in one mould out of pure gold.

Its popping qualities are splendid, and much superior to any pop corn we have ever tried. When dried, shelled and popped, each grain forms a round white ball, looking like miniature balls of snow. It is also valuable and highly esteemed for mantel ornaments and Christmas decorations, as the small, delicate, beautiful ears, with their shining golden grains, among everlasting, dried grasses or other holiday decorations, forms a remarkably pleasing and attractive appearance. It is extremely hardy and very productive, nearly every stalk bearing from 3 to 6 perfect ears, and owing to its dwarf habits can be planted much closer and thicker than other corn. Packet 10 cents, 3 packets 25 cents.

SILVER LACED POP CORN.—Splendid popping qualities, large grain, and productive. Packet 10 cts., pint 25 cts.

EARLY RICE POP CORN.—Very early production, good for popping. Packet 10 cents, pint 25 cents.

QUEEN'S GOLDEN.—This handsome new pop corn was sent to us by a gardener in Indiana, who wrote: "It is so far ahead of all others that I have seen or tried, as to be beyond comparison, in every respect, in yield, in sturdy growth, in size and in color when popped, being of a delicate golden yellow. Above all is its exceeding tenderness when popped, together with its delicious and delicate taste." After having grown and sold this variety extensively for 4 years, we can endorse all that Mr. Queen has said in its praise. The stalks grow 6 feet high, and the large ears are produced in abundance. Its quality and handsome appearance when popped are very noticeable. It pops perfectly white, and a single kernel will expand to a diameter of nearly 1 inch. Ears 10 cents each, or 3 for 25 cents. Shelled, packet 10 cents, pint 40 cents, quart 75 cents.

BROOM CORN.

Our broom corn seed is all saved from carefully-selected hurl brush. Price given is per measured bushel. Please remember this in ordering, as a bushel, according to the legal weight, equals only about two-thirds of a bushel by measure.

WILSON'S IMPROVED EVERGREEN.—Grows about 8 to 10 feet high, stands up well, and is entirely free from crooked brush; the fibre is long and fine. Its greatest value to growers is in the fact that it will not get red in the field before it is cut, but is strictly a green variety of brush and will always command the highest price. Pound 40c., 3 pounds \$1.00, peck 75c., bushel \$2.75.

JAPANESE EVERGREEN, OR EARLY JAPANESE.—Mr. A. L. Doud, of Van Buren county, writes us that his crop of this new variety was the finest he ever grew, brush fine, even, good color and of the very best quality. Pound 40 cents, 3 pounds \$1.00, peck \$1.00, bushel \$3.50.

BLACK SPANISH.—Grows 6 to 8 feet high, with long, fine straight brush of a light-green color. Pound 40 cents, 3 pounds \$1.00, peck 75 cents, bushel \$2.50.

TALLEVERGREEN.—A standard variety, brush green. Pound 35 cents, 3 pounds \$1.00, peck 65 cents, bushel \$2.00.

DWARF EVERGREEN.—Similar to the tall except in height. Pound 35 cts., 3 pounds \$1.00, peck 65 cts., bushel \$2.00.

CALIFORNIA GOLDEN.—Long brush, which, when ripe, is a bright golden, yellow color, straight and handsome. Pound 40 cents, 3 pounds \$1.00, peck 75 cents, bushel \$2.25.

BRAZILIAN FLOUR CORN.
QUALITY OF ITS FLOUR.

From *Rural New-Yorker*:—We received from Mr. C. A. Durkee a small quantity of flour made from the Brazilian Flour Corn. He said that the corn was planted May 2d, in rows four feet wide, 2 $\frac{1}{2}$ feet apart in the rows. When about 10 inches high it was thinned out to one, or occasionally two plants to a hill. It was cultivated three times, and one light hoeing when thinning out. There were from one to five ears to each stalk, and there were very few barren stalks. Nearly every stalk had sets for from three to eight ears, but they matured as above stated. The land was very thin; he used no manure except a handful of hen manure and plaster to each hill. The land, he says, would not have brought five bushels of wheat to the acre. The yield of corn was about 25 bushels of good sound grain per acre. The grain was ground and bolted the same as wheat at a country mill with the old system of grinding. If ground by the roller system, he says, there is no doubt the flour would be much better. His wife finds that the flour does not need as much shortening as wheat flour for biscuit. "Fourteen ounces of meal were received. It was white, and as fine as the finest of wheat flour. I used one dessert spoonful of thick, sweet cream, two tea-spoonfuls of baking powder, and sweet milk to mix into a soft dough. The biscuits made neither looked nor tasted like corn meal. It would scarcely occur to any one that they were other

COW PEAS.—Adapted to Southern localities; also valuable in this latitude as a fodder plant, sheep being very fond of them when in flower; when they will eat the entire plant. Its chief value is as a green crop to plow under. Half-bushel to the acre. Quart 20 cents, bushel \$2.00.

Many sections of the South cannot grow wheat profitably, and the lack of a complete cycle of crops has stood in the way of their obtaining their share in the prosperity of our country. It is our belief that nature intended every section to be capable of completely sustaining itself, and the Kaffir Corn is the missing link needed to fill out the chain of rotation and symmetry of crops for the cotton-raising, sunny South. One of the difficulties of writing a seedsman's catalogue is the necessity of remembering every point concerning a new variety, and we find that so great is our readers' interest in our new introductions that we must fully describe every detail. We have tried to do this in the following lines concerning **OUR TRUE KAFFIR CORN**. The plant is low, stocky and perfectly erect. The foliage is wide. It does not stool from the root, but branches from the top joints, producing from 2 to 4 heads of grain from each stalk. The heads are long, narrow and perfectly erect and well filled with



BRAZILIAN FLOUR CORN.

A rare variety of Indian corn, with a white, floury grain, yielding, when ground, a flour equal in every way to the best wheat flour. It grows rapidly, ripens medium-early, with ears 7 to 9 inches long, a small cob and deep grain. This corn stools from the ground like wheat, 6 to 10 stalks from a grain, bearing as many ears to a stalk, and has given universal satisfaction wherever grown. It has now become a well-established fact that the Brazilian Flour Corn, if properly ground and bolted, will make Bread, Pies, Cakes, etc., equal to the best wheat flour. And for making corn bread, such as is generally used in the South, it has been proven beyond all doubt or contradiction that it is far superior to any other kind of corn ever grown in the United States. It not only has a remarkably rich, pleasant, and delicious flavor, but will remain in good eating condition a much longer time after being baked than any other corn bread. Pkt. 10c., quart 25c., peck \$1.25, bushel \$4.00.

BRAZILIAN FLOUR CORN.

than wheat-flour biscuits. The dough made from this meal for biscuits and bread should be softer than that for wheat-flour bread or biscuits. They browned nicely."—*Ed. Domestic Economy Dept.*

HALLOCK'S NEW and VALUABLE FORAGE PLANTS.

HALLOCK'S TRUE KAFFIR CORN.

The splendid reports from our customers who planted Kaffir Corn in the spring of 1887, and our own experience, have more than justified our prophecy that this new grain is destined to revolutionize American farming. A variety of wheat which would yield 100 bushels to the acre would be a fortune to its originator, and Kaffir Corn is a substitute for wheat, which properly cultivated on fair land, will yield 5 times as much and pay for the land in the forage it furnishes. At present writing speculators in Chicago are booming the price of wheat, and by the time this catalogue reaches you the same men may be forcing it below cost of production. Why not be independent of the gamblers in the Board of Trade, and grow this new wheat, not yet listed on the Exchange. **The live man uses the best new things. DO NOT FORGET KAFFIR CORN.**

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white grain, which at maturity is slightly flecked with red or reddish-brown spots. The weight averages about 60 pounds per bushel. The average height of growth on good, strong land is $5\frac{1}{2}$ to 6 feet; on thin land $4\frac{1}{2}$ to 5 feet. The seed-heads grow from 10 to 12 inches in length, and the product of grain on good land is said to reach 100 bushels per acre. It has the quality of splendidly resisting drought. On very thin and worn lands it yields paying crops of grain and forage, even in dry seasons in which corn has utterly failed on the same lands. The whole stalk, as well as the blades, cures into excellent fodder, and in all stages of its growth is available for green feed, cattle, mules and horses being equally fond of it, and its quality not surpassed by any other variety. If cut down to the ground, two or more shoots spring from the root, and the growth is thus maintained until frost. "It may be planted a little earlier than Indian Corn. It should be put in rows not over 3 feet apart, even on the best land. It should be massed in the drill on good land, for either grain or forage purposes, and also on thin land, if forage mainly is desired. If grain chiefly is desired, these heads may be all allowed to mature on the stalk, and then the whole stalk may be cured into fodder; for it is not, even then, so hard but that it will be easily cut up, and well eaten by cows and mules. But if their crop is wanted mainly for fodder, it is commended to cut down the whole stalk when the first seed-heads come into bloom, at which stage it cures admirably and makes excellent forage. In the South the second growth springing at once from the roots will still mature a full crop of grain and a second full crop of forage before the middle of October. Kaffir Corn is said to be as quick and early



HALLOCK'S TRUE KAFFIR CORN.

in its growth as the Minnesota Early Amber cane. By reason of the close massing of plants upon the land, and the wide and ample foliage, the yield of forage is equal in quantity and superior in quality to any of the later and taller-growing sorts, as the Rural-Branching Sorghum, etc. It keeps green, and the stalk is juicy and brittle to the last, and is not a hard and cane-like growth. Its low and manageable growth, ease of cultivating and harvesting are points distinctly peculiar to it, and it leaves no troublesome stubble behind. Therefore it is a desirable variety as a general-purpose plant, for green feed, grain and dry forage on every farm, and for ensilage it should prove valuable. The grains have a brown hull and are perfectly white inside. Flour from it has been found more nearly analogous to wheat than any other grain. For batter cakes, muffins, etc., it is excellent, having a slightly sweetish taste, otherwise not distinguishable from wheat; and for buckwheat cakes it is esteemed by many who have eaten of it as an improvement on the original."

Dr. Watkins, of the *Southern Agriculturist*, writes: "Let me say then, that it is not Millo Maize (Rural-Branching Sorghum, or Brazilian wheat) nor Egyptian wheat (Ivory or Diamond wheat, Chicken corn), nor Dhoura corn (Egyptian corn, goose neck corn), but that it is a distinct type of the family of corns, known as Kaffir, and is in every respect superior to any of the foregoing plants. It is a native of South Africa, and has proven itself to be adapted profitably to thin soils and dry climates. It is no humbug, as your readers will know when they have posted themselves and tried it."

Be sure to buy Hallock's TRUE KAFFIR CORN. Packet 10 cts., pound 30 cts., post-paid. 10-pound lots and over, by express, 15 cts. per pound; bushel, 60 pounds, \$9.00; 100 pounds \$12.00. **Caution.**—We put our name on this seed as a guarantee that our customers will get the TRUE KAFFIR CORN.

SORGHUMS. RURAL-BRANCHING SORGHUM (Millo Maize).—Very valuable fodder plant, will start repeatedly from the stools after being cut. This non-saccharine Sorghum was introduced a few years since. Its great merit is, that when cut for feeding it starts again from the remaining stumps with renewed strength and vigor; thrives in the hottest and driest localities. Packet 5c., ounce 10c., pound 25c.; 10 lbs., by express, \$1.50.

YELLOW-BRANCHING SORGHUM (Yellow Millo Maize).—Is tall, 9 to 12 feet, shooting from the ground like the Rural Branching or Millo Maize. It sends out shoots also from the joints. The seed-heads grow to great size on good land, often weighing three-fourths of a pound, sometimes a full pound, after being fully ripe. These heads are set close and solid, with a large plump grain, double the size of White Millo, and of deep golden-yellow color. This sort is earlier than the Rural-Branching variety. Packet 5 cents, ounce 10 cents, pound 25 cents.

DHOURA OR GUINEA OR RICE CORN (a white-seeded Sorghum).—Dhoura, sometimes called Guinea Corn and Rice Corn. It is a valuable Sorghum for green feed, dry fodder, and for utility of its grain for feeding barn-yard fowls. The grain also makes a good substitute for rice, and when ground into flour it is wholesome and nutritious for all cooking purposes and makes excellent patties. It matures its seed as far north as Minnesota, yields it abundantly, and altogether it is a most valuable plant, especially in the new sections where forage and even food is sometimes scarce. Packet 5 cts.; pound, post-paid, 25 cts.; 100 pounds \$12.00.

EARLY AMBER SUGAR CANE. This is an early and productive variety. Its saccharine matter is of the first quality, and produces a fine sugar or syrup. It grows 10 or 12 feet high, and yields large crops of fodder, which is relished by all kinds of stock. It will produce 2 cuttings of green fodder during summer. Sow 3 or 4 quarts per acre. Pound 25 cents; 10 pounds and over, by express, 7 cents per pound.



TEOSINTE.

TEOSINTE (Reana Luxurians).—All who desire a better forage plant than anything heretofore introduced, should give Teosinte a trial. Trials so far made give promise of its soon becoming the leading forage plant for this latitude and the South. In appearance this gigantic graminia of Central America somewhat resembles Indian Corn, but the leaves are much longer and broader, and the stalk contains sweeter sap. In its perfection it produces a great number of shoots, growing 12 feet high, very thickly covered with leaves, yielding such an abundance of forage that 1 plant is considered to be sufficient to feed a pair of cattle for 24 hours. 85 stalks have been grown from 1 seed, attaining a height of 11 feet. Packet 10 cents, ounce 15 cents; pound \$1.25, by mail.

VETCHES. (Spring).—Sown broadcast like wheat or barley, sometimes mixed with oats for soiling. Also ground up into flour, after which it is mixed with wheat flour for making bread. Qt. 25c., by mail; bu. \$3.50.

WILD RICE. (Zizania Aquatica).—Valuable as a forage plant for swamps and inundated lands. Stock of all descriptions are fond of it when green, and also when cured for fodder. Pound 30c., 100 lbs. \$25.

FLAX. RUSSIAN (Imported).—We have a very fine lot of imported Russian Flax. Some of the same stock produced 18½ bushels to the acre. The seed of this is about 3 times the size of American-grown Russian Flax. It contains much more oil, and, on account of its appearance, commands a much better price. Packet 10 cents, pound 25 cents, peck 75 cents, bushel \$2.50.

CHUFAS. (Cyperus Esculentus).—Much used to fatten hogs. The nuts grow under ground, very near the surface, easily reached by pigs or poultry, and destroyed by them if they have free access. The nuts or tubers are large and elongated, very sweet and very nutritious. Easily and cheaply grown, abundant in yield, greedily eaten by hogs, which take on firm fat very rapidly from them. Cover lightly. If the seed is very dry, soak well before planting, to secure a good stand. Packet 10 cents, pint, by mail, 40 cents; by mail, quart 30 cents; peck \$1.50, by express.

JERUSALEM ARTICHOKE. Cultivated for the tubers, used both for table and stock feeding; highly esteemed for swine. Yields large crops in rich soil; is hardy and continuous year after year. Bushel \$3.00; quart 30 cents, by mail.

SPANISH PEANUT. A desirable variety, because it is early and a fine bearer, its growth perfectly erect, not spreading on the ground like the common kinds of peanuts, and therefore much more easily cultivated, the plow doing nearly all the work. Also in harvesting, all the peas hang to the root and can be rapidly gathered. The stems grow erect and are easily harvested for forage, making the best quality. The pea is smaller than the Virginia Peanut, but fills out well, makes no pops. "Splendid to fatten hogs and children." Pound 30 cents, packet 10 cents.

OATS. WELCOME OATS.—The Welcome Oats have proved, beyond all doubt, to be the heaviest, handsomest and most productive variety of oats ever introduced. They usually grow 5 to 6 feet high, with strong, straight straw, well supporting the enormous heads, and not liable to be prostrated by wind or rain. The heads are very large and handsome, branching freely on all sides, and from 16 to 23 inches in length. The immense productiveness of the Welcome Oats is explained by their wonderful stooling (often 40 to 76 stalks from a single grain planted), the great size of the heads, and the heavy weight of the grain. It will be seen that they should not be sown nearly so close as other oats. By mail, post-paid, large packet 10 cents, pound 30 cents; by express, peck 50 cts.; bushel of 32 pounds \$1.25.

Note.—We were slow to take up this oat, thinking the extravagant claims made for it were greatly exaggerated; but from our own experience and the many favorable reports sent to the Department of Agriculture, we are led to believe that under favorable conditions, its claims can be substantiated. It is undoubtedly a very valuable oat.

RED RUST-PROOF OATS.—The most popular really valuable, rust-proof and reliable-cropping oat for the South. A large-yielding oat, succeeding well on good soil or on low grounds. They are hardy in the South, and can be sown in the fall. Bushel 65c., ten bushels and over, 60c. per bushel, bags included.

MAMMOTH RUSSIAN SUNFLOWER. Single heads measure 12 to 22 inches in diameter, and contains an immense quantity of seed, which is an excellent and cheap food for fowls. They eat it greedily, fatten well on it, and obtain a bright, lustrous plumage, and strong, healthy condition. It is the best egg-producing food known for poultry. It can be raised cheaper than corn, is destined to be an article of great value. Every farmer should plant some seed in any waste piece of ground any time from early spring to middle of July. Pkt. 5c., oz. 10c., lb. 35c.; by express, pk. \$1.00. bu. \$3.00.



VETCHES.

HALLOCK'S CABBAGE SEED.

The Cabbage crop is rapidly growing in importance each year, and is receiving much more attention annually from all raisers of vegetables. To produce a fine crop, cabbage requires proper cultivation and demands **good seed**. There are more fine stocks of cabbage seed held and improved by our farmers than in any other section of the country; and many of the best sorts we offer, the seed is raised for us from nothing but selected heads, by our best growers of cabbage. Seed raised in this way is far more expensive, but immeasurably better. As we have a few hundred heads selected out of, say, twenty to fifty acres of cabbage, whereas when ordinarily grown for seed, a few hundred heads are rejected out of a field. We offer seed at two prices. The grade marked **(Private Stock)** is raised for us by farmers selecting the very best heads from his entire crop. The other grade is raised by seed-growers of established reputation. **CULTIVATION.**—Plant the seed in beds, and sow two or three times as many beds with plants as you require, at different intervals, as fleas and pests may destroy one or more sowings. Then, at the proper time, transplant from the beds to the field. The usual field culture here is to furrow out two feet eight inches in width, put in well-rotted manure or phosphate, cover with a plow, and flatten with a drag, marking the distance in the row by dragging a light marker crosswise. **POINTS ABOUT CABBAGE.**—The tendency of Wakefield is to grow too small, and most efforts to increase the size have been attended by a later date of maturity. This has not been the case with Long Island Wakefield, as it averages twice the size of many strains, and is as early as the earliest. Some like a fine-spun point, others more oval. The former is usually smaller and earlier than some of the oval strains. You want size in Early Summer, also earliness. Flat Dutch must be of quick growth, good size, but not too large; top of head slightly convex, covered by leaves that will not dry or blister, as they give the head a poor appearance. Cabbage for winter keeping or burying must be selected from strains that will keep well and not bleach out white, as a green color is preferable. If you wish seed in any considerable quantities,



LONG ISLAND WAKEFIELD.

write for special prices, and state the purposes it is wanted for.

LONG ISLAND WAKEFIELD (Bergen's Improved Jersey Wakefield Cabbage).

—(Private Stock.) This is the finest strain of Wakefield Cabbage in existence. It is full as early as the earliest, and twice as large as some strains, beautifully furnished with foliage, and the most reliable header offered. This strain will sell when others are a drug. It is of the oval type, coming from the fact that it is crossed with Flat Dutch, to give it size, and at same time losing none of its early qualities. Packet 15 cents, half-ounce 50 cents, ounce \$1.00, half-pound \$6.00, pound \$10.

LONG ISLAND WAKEFIELD.—Pkt. 10, oz. 40, 1/2-lb. \$2.50, lb. \$4.

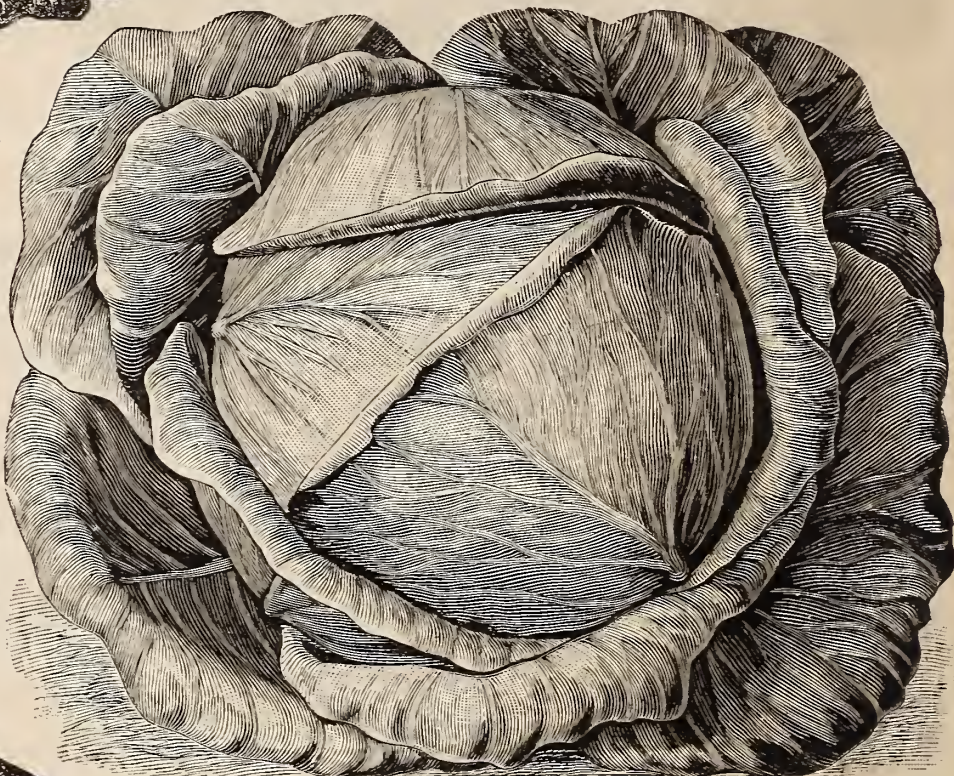
"TRUE" JERSEY EARLY WAKEFIELD.—Heads of medium size, conical, short stem; foliage bright green, compact. The true type is the best early variety known; a sure header; a favorite with all market gardeners. This must not be confounded with so-called Early Wakefield, which is sold by some dealers. Packet 10 cents, quarter-ounce 15 cents, half-ounce 20 cents, ounce 30 cents, pound \$3.

"LARGE" EARLY WAKEFIELD.—A selection from the above-named variety. Grows a little larger, not quite as uniform in shape, sometimes growing semi-conical and round; nearly or quite as early; a sure header, and growing in favor. Packet 10 cents, quarter-ounce 15 cents, half-ounce 20 cents, ounce 30 cents, pound \$3.

VANDERGAW CABBAGE (Private stock, raised by Vandergaw).—This, for a mid-summer and late cabbage, is without a rival. For its seasons, we place it at the head of all others; experience has demonstrated that it is the BEST, SUREST, and MOST PROFITABLE variety grown on Long Island. It is a medium-late cabbage here, but we have no doubt but you would find that it would come in after Wakefield in the South. Large green heads, hard, and of remarkable excellence; tender, crisp, and delicious, and the most reliable header in existence. Ninety-five to ninety-eight prime, marketable heads out of a hundred is an average yield. Introduced by us. Packet 15 cents, quarter-ounce 30 cents, ounce \$1.00, 1/2-lb. \$3.00.

VANDERGAW CABBAGE.—Raised from Vandergaw's seed. Packet 10 cents, ounce 50 cents, quarter-pound \$1.50, pound \$5.00.

HYDE PARK.—Is planted largely in our vicinity by men who cultivate from 14 to 20 acres of cabbage yearly. It is a strain im-



VANDERGAW CABBAGE.

proved by constant care in selecting knowingly what is only superior heads. This seed is held at \$15 per pound by the market gardener who raises it in small quantities for local sales. Our stock is raised one year from his stock seed. The cabbage is Flat Dutch, medium and late; excellent for burying over winter; large size, deep, clean head, slightly rounding; short stem, fine texture; not prone to bursting. Pkt. 10c., 1/2-oz. 25c., 1/4-lb. \$1, lb. \$3.

WICKS' LONG ISLAND RED (Private stock, raised by Wicks).—The darkest and richest-colored of all red cabbage. Large, sure header. The best red cabbage for market. Packet 25 cents, quarter-ounce 50 cents, ounce \$1.25, quarter-pound \$4.00.

MARVIN'S SAVOY.—Mr. Marvin lives in East Hinsdale, and raises this seed for us. It is the best Savoy Cabbage in the market to-day. As certain a header as the best white. Large, deep-green, very curly; nearly every head is absolutely alike. Early fall and winter; keeps well, and retains its color. A field of this cabbage is a wonderful sight, so perfect is each head. It is the best-selling market variety, and equally as good for private use. Packet 10 cents, half-ounce 35 cents, ounce 60 cents, pound \$8.00.

"NEWARK" EARLY FLAT DUTCH.—A second early sort. Originated by the late Mr. John Brill. Has been extensively grown for many years by market gardeners of New Jersey, and is a favorite wherever tested. Follows close after the Wakefield. Can be grown for fall and winter. Pkt. 5c., 1/2-oz. 15c., oz. 25c., lb. \$2.

HENDERSON'S EARLY SUMMER.—This variety is deservedly popular with market gardeners. It forms large, solid, round, flattened, compact heads, of excellent quality. The heads average over double size of the Jersey Wakefield, while it matures only 10 or 12 days later. The leaves turn into the head so completely that about 12,000 plants may be set to the acre, making a very profitable crop. Our seed is true, and grown from selected heads. Packet 10 cents, ounce 25 cents, pound \$2.50.

NEW EXTRA EARLY "EXPRESS CABBAGE."—The earliest of all. Produces fair-sized, marketable heads 80 days from sowing of the seed. This cabbage, while not as large as Wakefield, is a valuable sort for the South. Pkt. 5c., oz. 40c., lb. \$3.00.

"ETAMPES."—Very early. Although not quite so hardy as the Jersey Wakefield, this will produce heads fit for market a little earlier, and it seems to be a favorite sort for growing at the South for early shipping. Packet 5c., ounce 20c., pound \$2.00.

EARLY WINNINGSTADT.—The true type of this variety is a valuable second-early sort. Heads medium to large, conical, solid; foliage bright green, and compact; short stem; sown late for winter use, being a good keeper. Pkt. 5, 1/2-oz. 10, oz. 15, lb. \$1.50.



SAVOY CABBAGE.

DO NOT MISS THE OPPORTUNITY TO BUY OUR CABBAGE SEED. IT WILL AMPLY REPAY YOU.



EARLY BLOOD-RED CABBAGE.

liage dark-green, and frequently tinged with purple. Pkt. 5 cts., ounce 25 cts., pound \$2.50.

“LOUISVILLE” LARGE DRUMHEAD.—The finest strain of Drumhead in existence; bright-green foliage, short stem; heads large, round, and thick; valuable for winter, and growing quicker than the old style of Drumhead; can be used for a fall crop by early sowing. Packet 5 cents, ounce 20 cents, pound \$2.25.

LARGE LATE AMERICAN DRUMHEAD.—One of the largest, most solid, and best-keeping late varieties. This variety seldom fails to head, and is of good quality. Packet 5 cents, ounce 25 cents, pound \$2.50.

BURPEE'S SURE-HEAD CABBAGE.—Produces large, round, flattened heads, of the Flat Dutch type, and is remarkable for its certainty to head. The heads are remarkably uniform, very hard, firm, and fine in texture, and ordinarily weigh from 10 to 15 pounds each. It is very sweet flavored, has scarcely any loose leaves, keeps well, and is good for shipping. Pkt. 10c., oz. 35c., 2 oz. 60c., 1/2-lb. \$1.00, lb. \$3.50.

MARBLEHEAD MAMMOTH DRUMHEAD.—Said to be excellent for the South. Probably the largest variety of cabbage in cultivation, specimens often weighing 60 pounds. In good soil and with proper culture, it will average 30 pounds. Heads round, somewhat irregular in shape. It should be cultivated with the plants four feet apart each way. Pkt. 10 cents, ounce 25 cents, pound \$3.00.

FOTTLER'S DRUMHEAD.—This is a large, second early, very reliable heading, short-stem variety, coming in immediately after Early Summer. It is also equally reliable and valuable as a fall and winter keeping variety. This is a favorite with planters in many sections of the country. Heading up firm and hard in eighty-five days. Pkt. 5c., oz. 25c., pound \$2.50.

DANISH EARLY DRUMHEAD.—Large and fine heads, short stalk; valuable for fall and winter. Pkt. 5c., oz. 25c., lb. \$2.50.

“EXCELSIOR” LARGE FLAT DUTCH.—One of the best large sorts. Heads very large and flat, short stem, light green foliage. Valuable for winter use, and can be grown for fall crop by sowing early. Pkt. 5c., oz. 25c., lb. \$2.50.

PREMIUM FLAT DUTCH.—A standard variety for winter heads; large, round, and thick; fo-

RED DUTCH, OR PICKLING.—Used for pickling, for which purpose it is the best variety grown. Packet 5 cents, ounce 25 cents, pound \$2.50.

LARGE FLAT BRUNSWICK.—Largely used around New Orleans and the South. A late variety. Sow the seed in the South in October and November, and cabbage will be ready to cut in April and May. This is largely planted for market in the South, as it is a reliable grower and shipper. Pkt. 5c., oz. 25c., lb. \$3.

SUPERIOR LATE FLAT DUTCH.—The most popular winter cabbage in Louisiana and Gulf States, where the seed is sown during July and August. This is a reliable strain, and used very largely. It produces large, firm heads with great certainty. Packet 5 cts., ounce 25 cts., quarter-pound \$1.00, pound \$3.00.

BUNCOME, N. C., WINTER CABBAGE.—We offer the genuine article of this seed, grown specially for us by an experienced grower in the mountains of North Carolina. Large, firm heads, very hardy, a good keeper, reliable to make solid heads when properly treated. For winter use sow from March to June. For spring heads, sow in July, August, or September. Packet 5 cents, ounce 25 cents, quarter-pound \$1.00, pound \$3.00.

GREEN GLAZED.—A late, large heading variety, of a glossy pea-green; a great favorite in the South, as it resists attacks of bugs and insects better than other varieties. Packet 5 cents, ounce 20 cents, 1/4-pound 50 cents, pound \$2.00.

PERFECTION DRUMHEAD SAVOY.—This selection is fine, and largely grown on Long Island for the New York market. Packet 10 cts., ounce 40 cts.

CABBAGE TESTIMONIALS.

DIAMOND LAKE, MICH., September 18th, 1888. “I feel it my duty to state that your Vandergaw cabbage is far ahead of any other I have ever tried in my life. I have heads now in my garden that will weigh 25 to 30 pounds, and am only sorry I did not sow all Vandergaw seed for late, as well as early. Respectfully, W. E. DRAVER.”

REDDING RIDGE, CONN., September 11th, 1888. “The seeds which we bought of you, including Vandergaw Cabbage, Cauliflower, White Plume Celery, etc., are doing all we could wish, in fact we never had such Cabbages, Cauliflowers, Melons, etc. Yours respectfully, J. R. HAWLEY.”

“We could get dozens of the highest recommendations from our best market gardeners in this vicinity who plant Vandergaw Cabbage largely, and value it above all others. Vandergaw for white, Marvin's Savoy and Wick's Red represent the highest grade of seed in this country. For Wakefield, the Long Island Wakefield is without a rival. Remember, these strains are grown in our section for market above all others, and our seed is raised for us by these men who originate these fine varieties for market purposes. Seed raised from perfect heads where a few hundred are selected from acres of fine cabbage, cannot be classed with seed raised where they reject only a few instead of taking only a few.”



PREMIUM FLAT DUTCH.

TOBACCO DUST.—For dusting over small cabbage plants. This is about the only sure remedy for driving off the cabbage flea on small plants. Our dust is pure and of the best quality.

One pound, by mail, 25 cents; 10 pounds, by express, 10 cents per lb.

CABBAGE PLOW.—The moldboard of this plow is cut off so when running it through the rows it thoroughly loosens the soil without throwing any furrow; a plow that is largely used here for cultivating the cabbage and other crops. Price \$5.00, each, by freight.



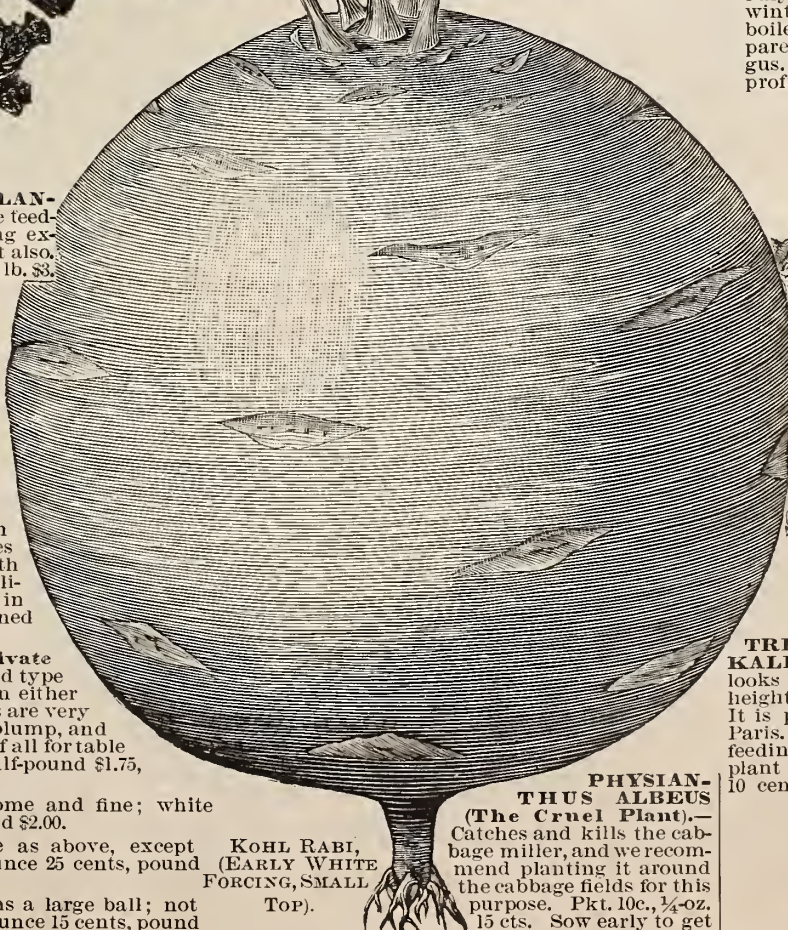
THOUSAND HEADERS KALE.—A fine plant, and very hardy, standing up to a severe cold. An ornamental plant also. Foliage violet-red.

FLANDED, or FLANDED, or FLANDED.—A valuable cattle feed, hardy, standing up to a severe cold. An ornamental plant also. Pkt. 10c., oz. 25c., lb. \$3.



CHINESE CABBAGE.—This is like a leaf-beet fleshy stalk. Sow July and August winter crop. The boiled for table use. pared and eaten as a vegetable. Furnishes ten per cent. Packet 10 cts., oz. 50c.

BAGE.—This or Chard, with in drills in for fall and leaves are the ribs pre-like asparagus forage in 10 cts., oz. 50c.



KOHL RABI, OR TURNIP-ROOTED CABBAGE.

This vegetable, the popularity of which is rapidly increasing, combines the virtues of the turnip and cabbage, but excels both in nutritive, hardy, and productive qualities. The seed may be sown in June, in rows 18 inches apart, and the plants thinned out to 8 or 10 inches.

EARLY WHITE FORCING (Private Stock).—Small top. This greatly improved type of Kohl Rabi is the earliest variety known either for outside or forcing purposes. The tops are very small. Bulb glassy white, very smooth, plump, and tender; grows to good size, and the best of all for table use. Packet 10 cents, ounce 25 cents, half-pound \$1.75, pound \$3.00.

EARLY WHITE VIENNA.—Handsome and fine; white ball. Packet 5 cents, ounce 20 cents, pound \$2.00.

EARLY PURPLE VIENNA.—Same as above, except that the ball is purple. Packet 5 cents, ounce 25 cents, pound \$2.50.

LARGE WHITE or GREEN.—Forms a large ball; not so fine as the preceding. Packet 5 cents, ounce 15 cents, pound \$1.25.

KOHL RABI, (EARLY WHITE FORCING, SMALL TOP).

TREE CABBAGE, OR JERSEY GE.—This vigorous-growing plant tree. It equals in height a young horseback somebody in the vicinity of Paris. The leaves are pulled off for valuable forage curiosity. Packet 10 cents, ounce 25

PHYSIAN-THEUS ALBEUS (The Cruel Plant).—Catches and kills the cabbage miller, and we recommend planting it around the cabbage fields for this purpose. Pkt. 10c., 1/4-oz. 15 cts. Sow early to get good-sized plants.



HALLOCK'S UNEQUALED CAULIFLOWER SEED.

One oz. of seed will produce 1000 plants. Our seed is equal to any in the market. **CULTURE.**—This is the same as for cabbage, except that extra manure and plenty of water will pay upon this. If the soil be dry, water frequently, and if the plants could have a heavy mulch of hay or straw, it would keep the soil moist, and the plants would not suffer from drought. The early kinds should be strong enough to plant out not later than the middle of April; the late kinds may be planted out same time as for cabbage. As soon as the heads begin to form, the leaves must be drawn over them to protect them from the sun. Some wooden pins like a skewer are used mostly to fasten the leaves over the head. Long Island produces more cauliflower than any section of the country. 125,000 barrels are annually shipped on the L. I. R. E. from one section of the Island. For 20 cents we will mail you the most valuable pamphlet published on growing cauliflower, "Cauliflowers, and How to Treat Them," by Francis Brill.

The following is taken from this pamphlet: "Cooking.—Perhaps some may be induced to grow cauliflowers for their own use, and, having grown them, the mistress or the cook may not understand cooking them, therefore a few hints here may not be amiss. Use a porcelain-lined or similarly guarded pot in which to boil them, as one of plain iron will give them a dark color. Put a liberal allowance of salt in the water, which must be thoroughly boiling before the cauliflower is placed therein. Boil it rapidly about 15 minutes, and not over 20 minutes for the largest heads. There is more danger of boiling too much than too little. A little sweet milk in the water has a tendency to keep the heads white. Should be served with drawn butter, or may be eaten with plain butter and vinegar. To pickle them, break the head apart as small as you please, place in boiling, salted water for three minutes, remove from the water and place in cold cider vinegar, with spices to suit the taste."

CARRARA ROCK CAULIFLOWER.—For forcing, either as a choice market sort or family use, this is decidedly the best of all cauliflowers. It brings fancy prices in market, and is par excellence as a fancy cauliflower. The price is extremely high, and we did not offer it formerly, except to our market gardener's trade near us, but the result of repeated tests and the reports we had from those we sold seeds to made it imperative for us to keep it. Undoubtedly the most perfect and fine bred variety in existence. The Carrara Rock Cauliflower produces large, beautifully-formed, and fine-grained heads of snowy-whiteness, while the flavor is extremely delicate. It is, without question, the earliest, sweetest, and most solid heading variety grown in this country; fit to cut early in June, a few days ahead of the "Snowball," differing from that variety in being more dwarf and robust. The leaves completely envelop the head, thus protecting it from the sun. Seed very scarce. Packet 50 cents, 1-10 oz. \$1.00, oz. \$9.00.

LONG ISLAND BEAUTY.—This is earlier than Snowball. Heads very large, white, and solid. It is a thrifty, certain grower, and as many report, "every plant made fine heads," and the heads average larger than any other sort. It is a sport from the finest strain of "Snowball," and is better in every respect. It is among the very earliest. Many reports, and our own experience confirms the above. Pkt. 25c., 1-10 oz. 50, 1-4 oz. \$1.00, oz. \$3.00.

HENDERSON'S SNOWBALL.—This stock is from Henderson. Anyone wanting this very popular and fine variety can rely on getting the genuine article from us, and when ordered

under the above name, we send you seed procured from Henderson. As you know, it is an early, sure header, and very popular sort. Packet 25 cents, 1-10 ounce 45 cents, 1-4 ounce \$1, ounce \$4.

THORBURN'S GILT-EDGED SNOWBALL.—It is a sure header, either for early or late sowing. It matures immediately after Thorburn's Snowball, but is a much heavier sort. Packet 25 cents, one-tenth ounce. 45 cents, quarter ounce, \$1.00, ounce \$4.00.

BURPEE'S BEST EARLY CAULIFLOWER.—This new cauliflower has been perfected by one grower after 16 years' most critical and intelligent selection. It is remarkable both for its extra earliness and certainty to head; in these two most important features we know no other strain that can equal it. Of dwarf, compact growth, with short stalk, it bears close planting. The large, handsome heads, measuring 8 to 10 inches across, are pure, snowy white, very close, compact, and of the finest quality. Market gardeners can use Burpee's Best Early for either early or late. Packet 25 cents, one-tenth ounce 50 cents, quarter ounce \$1.25, ounce \$4.00.

EARLY SNOWBALL CAULIFLOWER.—Very early and very reliable for heading, besides being very dwarf in its habits of growth, and with short outer leaves, thus allowing planting 20 inches apart each way. Packet 25 cents, quarter ounce \$1.00, ounce \$3.50.

EXTRA EARLY DWARF ERFURT.—(Seed specially selected). Very early, hardy, dwarf, and compact; larger than Walcheren. One of the very best for forcing and for general purposes as an early variety. Its compact habit admit of a larger number being raised on a given area. Packet 10 cents, one-tenth ounce 35 cents, quarter ounce 75 cents, ounce \$2.00.

LARGE LATE ALGIERS.—This is the standard and best late Cauliflower grown, and about monopolizes the field for fall use. It is a large, sure, robust header and grower. We are very careful to offer the choicest quality of seed only, as there is much poor stock now offered. Packet 10 cents, quarter-ounce 25 cents, ounce 60 cents, pound \$9.00.

EXTRA EARLY PARIS.—The earliest variety; heads small, very tender. Pkt. 5 cents, quarter-ounce 25 cents, half-ounce 40 cents, ounce 75 cents.

HALE-EARLY PARIS.—The most popular in the New Orleans market. Heads of good size, white and compact. Pkt. 5 cts., quarter-ounce 25 cts., half-ounce 40 cts., ounce 75 cts.

EARLY ERFURT.—This variety is of more dwarfish growth than the two former. Heads white and of good size. Heads with certainty. Pkt. 5c., 1-4 oz. 25c., 1-2 oz. 40c., oz. 75c.

LE NORMANDS is a French variety. It stands more dry weather than the other varieties, and has large and pure white heads. An excellent variety in every respect; stands the heat better than any other. Packet 10 cts., quarter-ounce 30 cts., half-ounce 55 cts., ounce 75 cents.

EARLY ITALIAN GIANT.—Very large, fine sort; not quite so late as the Late Italian, and almost as large. The heads are quite large, white, and compact, and of delicious flavor. I recommend it to all who have not tried it. When sown at the proper season, it will head with certainty, and will not fail to give satisfaction. Pkt. 10c., 1/4-oz. 30c., 1/2-oz. 55c., ounce \$1.00.

LATE ITALIAN GIANT.—This is the largest of all the cauliflowers. It is very large and compact; should not be sown later than June, as it takes from seven to nine months before it heads. Packet 10 cents, quarter-ounce 30 cents, half-ounce 55 cents, ounce \$1.00.

IMPERIAL.—A variety from France, very similar to the Le Normands, perhaps a little earlier; very good. I recommend it highly. Pkt. 10c., 1/4-oz. 30c., 1/2-ounce 55c., ounce 75c.

LETTUCE.

For main early crop, the seed may be sown in the open ground about the middle of September, and transplanted to cold frames as soon as large enough to handle, being wintered over in the same manner as early cabbage. In dry, sheltered spots, by covering up with leaves or litter late in the season. Lettuce plants may be saved over winter without glass covering, and in the southern parts of the country without difficulty. The plants for setting out in spring are also sown in cold frames in February, and in hot-beds in March, and by careful covering up at night, make plants to set out in April. Of our tests this summer for family use, we like Thorburn's Market Gardener's (Private Stock) and Tomhannock very much. Hanson Tennisball, Black-Seeded, and New York are largely used as head lettuce outside. Tennisball White-Seeded is the most popular forcing variety. The Cos Lettuce all do well in the South.



HARDHEAD LETTUCE.

HARDHEAD LETTUCE.—This variety is most appropriately named, as it is undoubtedly the *hardest-heading* of all lettuces. It grows very rapidly, and heads extremely early. The heads are of large size, and nearly as solid as cabbage. Outside leaves brownish red, changing towards the centre of the head from a golden-yellow to creamy-white. Tender; sweet, but very flavor. Pkt. 10c., oz. 30c., 1/4-lb. \$1.10, lb. \$3.

BLACK-SEEDED TENNISBALL.—This variety is the most popular for open-air culture; it forms a handsome, compact head, with very few outside leaves, and is crisp and tender. Packet 5 cents, ounce 25 cents, quarter-pound 75 cents, pound \$3.00.

WHITE-SEEDED TENNISBALL.—The sort so extensively grown about Boston for forcing and heading under glass; good size, firm heads and very white and crisp. Pkt. 10c., oz. 40c., 1/4-lb. \$1.50, lb. \$5.

NEW BUTTERCUP LETTUCE.—Quite distinct; beautiful yellow, solid heads, suitable for forcing or out of doors. Pkt. 10c., oz. 20c., 1/4-lb. 60c., lb. \$2.00.

DEFIANCE.—The best of all the so-called Cabbage Lettuce; large, solid, and crisp. Stands the summer heat. Pkt. 5c., ounce 20c., 1/4-pound 50c., pound \$1.50.

NEW YORK.—A summer variety, with little tendency to go to seed. Large and solid heads, deep green on outside color, with inside leaves yellowish-white. Pkt. 5c., oz. 25c., 1/4-lb. 75c., lb. \$2.

LARGE YELLOW BUTTER (Black Seed).—Good for main summer or spring crop. Pkt. 5 cts., ounce 15 cts., quarter-pound 50 cts., pound \$1.50.

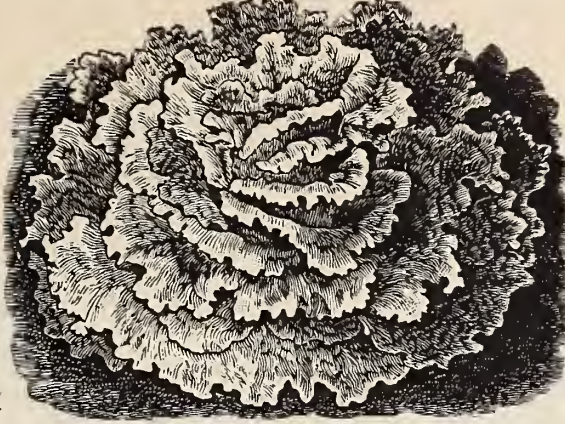
LARGE YELLOW BUTTER (Grey Seed).—Pkt. 5c., ounce 15c., quarter-pound 75c., pound \$1.50.

SILVER BALL.—This lettuce produces a beautiful head, very firm, solid and compact, with handsomely-curved leaves. The head is of an attractive silvery-white color, very rich, buttery, and of most delicious flavor. It comes early, and stands a long time before running to seed. An excellent variety, both for early spring and summer use. Pkt. 5c., oz. 20c., 1/4-lb. 60c., pound \$2.00.

CREOLE.—An acquisition of value; medium size, round in leaf and head; smooth, compact, and firm; always heading, and slow to shoot to seed, qualities which commend themselves to all who aim to raise lettuce either for family use or market. Second-early in maturity. We cannot recommend it too highly. Known in the vicinity of New Orleans as the Creole. Pkt. 5 cents, ounce 15 cents, quarter-pound 50 cents, pound \$1.50.

SALAMANDER.—A grand lettuce for summer use, forming good-sized, compact heads. Color light-green outside, and white on the inside. Its great merit, however, is that it will stand drouth and heat, and remain longer in head than any other variety we have ever met. Pkt. 5c., oz. 15c., 1/4-lb. 50c., lb. \$1.50.

CALIFORNIA CREAM BUTTER.—The heads are of good size, compact, very hard and solid. It is medium-early, and one of the very best summer varieties of head lettuce we have ever seen. It is a black-seeded variety, and the grower says it stands summer heat better than the Philadelphia Butter, the Deacon, or any other white-seeded variety. The heads are so solid that, generally, they have to be cut before any seed stalk can make its appearance. Packet 5 cents, ounce 20 cents, quarter-pound 60 cents, pound \$2.00.



EARLY CURLED SIMPSON.

EARLY CURLED SIMPSON.—An early sort, not quite as fine, curled as the Boston Fine Curled, but rather larger. It is not intended as a heading lettuce. It forms a compact mass of tender leaves of a yellowish-green color. Pkt. 5c., oz. 15c., 1/4-lb. 50c., lb. \$1.50.

EARLY CURLED SIMPSON (Private Stock).—This is a superior strain of Simpson that we have grown for our market gardeners' trade; it always gives splendid satisfaction. Pkt. 10, oz. 20, 1/4-lb. 60, lb. \$2.

BOSTON FINE CURLED.—A variety highly esteemed for earliness, beauty of form, and good table qualities; rich green color; beautifully curled. Pkt. 5 cts., ounce 15 cts., quarter-pound 50 cts., pound \$1.50.

HEAT-RESISTING COS.—Vigorous, always heading; crisp, never wilting under the severest sun. Remarkably fine. It should be in every garden. Packet 5 cents, ounce 15 cents, quarter-pound 50 cents, pound \$1.50.



THORBURN'S MARKET GARDENER'S PRIVATE STOCK LETTUCE.

THORBURN'S MARKET GARDENER'S PRIVATE STOCK LETTUCE.—A selected strain of a large, solid-heading variety, resisting the sun for a long time before shooting up. Valuable also as an early sort to be started under glass for early spring transplanting into open ground. Pkt. 5, oz. 20, lb. \$2.

PARIS WHITE COS.—The Cos lettuce differs in shape from the other varieties, the head being elongated, and of conical form, 8 or 9 inches in height, and 5 or 6 inches in diameter. The outer coloring is yellowish-green. To be had in perfection, it requires to be tied up to insure its blanching. Millions of this variety are annually grown to supply the markets of London alone. Packet 5 cents, ounce 20 cents, quarter-pound 60 cents, pound \$2.00.



HANSON LETTUCE.

HANSON.—We have a very fine stock of this popular lettuce, and can recommend it as one of the very best. Heads green outside and white within; grow to remarkable size, very solid and are deliciously sweet, crisp, and tender, even to the outer leaves. It stands the hot sun better than most other varieties. Packet 5c., ounce 20c., quarter-pound 50c., pound \$1.50.

TOMHANNOCK LETTUCE.—A splendid new cutting lettuce of fine quality, which it retains for an unusual length of time during growth. The leaves grow upright, the edges of the leaves growing outward, and are handsomely wrinkled, as shown in our engraving. The inside leaves are of a very pale green, almost white, and remarkably crisp and tender. Grows quickly, and is slow to run to seed. Unequaled for family use. Pkt. 5c., oz. 20c., 1/4-lb. 75c., lb. \$2.

AMERICAN OAK-LEAVED.—Very distinct, and of fine flavor. Packet 10 cts., ounce 20 cts., pound \$2.

PERPETUAL.—Resembling Simpson. Packet 10 cents, ounce 20 cents, pound \$1.50.

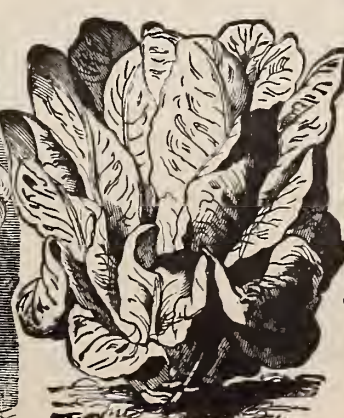
CULTURE OF LETTUCE.—Sow in hot-beds in March; in the open ground as soon as it can be worked, and transplant to rows 8 inches apart. Sow in 2 weeks' time same varieties again, also Cos for a succession. In August sow any of the varieties. In October some of these may be planted in frames to head in winter and early spring. Always sow thin, and thin out well, or the plants will not be strong. The last spring sowing had better be grown where sown, being thinned out to 6 or 8 inches apart. To have Cos in good order, they must be sown in a hot-bed early in the year and transplanted to a cold frame, so as to have them good plants to set out at the opening of the ground. They require tying when grown, for a few days, to blanch. It requires good ground and moisture in abundance.

	Pkt.	oz.	1/4-lb.	lb.
Thorburn's Market Gardener's Private Stock,	5	20	75	\$2.00
Tomhannock, excellent, tender,	5	20	75	2.00
Hardhead, sure-heading, tender sort,	10	30	1.00	3.00
Tennis Ball, white seeded,	10	40	1.50	5.00
Tennis Ball, black seeded, reliable,	5	25	75	3.00
Hanson, sure header, white inside,	5	20	50	1.50
Buttercup, beautiful yellow heads,	10	20	60	2.00
California Cream Butter,	5	20	60	2.00
Defiance, stands the heat,	5	20	50	1.50
New York, very large heading variety,	5	25	75	2.00
Yellow Butter, black seed, fine,	5	15	50	1.50
Yellow Butter, grey seed,	5	15	50	1.50
Silver Ball, handsome, curled head,	5	20	60	2.00
Boston Fine Curled, early,	5	15	50	1.50
Early Curled Simpson,	5	15	50	1.50
Creole, valuable South, heat resisting,	5	15	50	1.50
Salamander, extra-fine South,	5	15	50	1.50
India, crisp and tender, fine South,	5	15	50	1.50
Heat-Resisting Cos, long and tender,	5	15	50	1.50
Paris White Cos, large standard sort,	5	20	60	2.00

INDIA.—A valuable variety, making a close-folded head. Stands the sun, and is crisp and tender. Unsurpassed in good qualities. Packet 5 cents, ounce 15 cents, quarter-pound 50 cents, pound \$1.50.



CALIFORNIA CREAM BUTTER LETTUCE.



PARIS WHITE COS.



TOMHANNOCK LETTUCE.

HALLOCK'S PEERLESS MUSKMELON SEED.

One ounce will plant 80 hills, 2 to 3 pounds for an acre. **CULTURE.**—Select a light, sandy, rich soil, and after all danger of frost is over and the ground has become warm and dry, plant in hills 4 to 6 feet apart each way, 6 to 12 seeds to the hill. When up, and all danger of insects has passed, pull out all but three plants. Cultivate until the vines cover the ground, and pinch the end of growing shoots to induce early fruiting. Ashes, lime, or even dry road-dust is excel-

lent to sift over the young plants when the dew is on, to prevent the attacks of insects. A few hills for early may be had by sowing in hot beds on pieces of sod or in pots. The seed may also be started out of doors under hand frames or glasses.

Mr. R. T. Kolb, of Eufaula, Ala., informs us that he likes the **Montreal** and **Hackensack** Muskmelons better than all others for culture in the South.

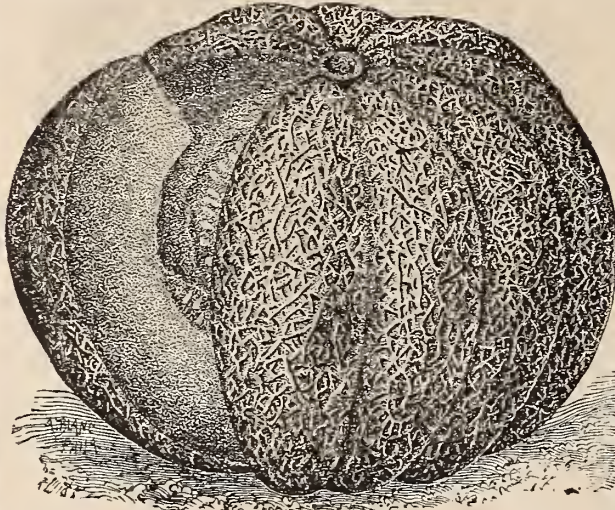
NEW EARLY HACKENSACK MUSK-MELON.—This is a greatly improved selection of the popular Hackensack melon. Its greatest value is its extreme earliness, being fully 10 days to 2 weeks earlier than the ordinary strain. It is larger and finer in appearance. The melons weigh from 4 to 10 pounds. Flesh, light green; of delicious flavor. One of the very finest melons for table use, as well as a prodigious and certain cropper. Our seed comes from the originator of this strain, and is perfectly pure. Packet 10c., ounce 15c., quarter-pound 50c., pound \$1.50.

THE PRINCESS.—The Princess, after a thorough trial for the past two seasons, has proven the best and richest in flavor of over forty varie-



THE PRINCESS.

ties tested. It is quite distinct from all other varieties, and possesses so many strong points of superiority that it must speedily become the most popular variety for family and market use. Our engraving, made from nature, shows their shape, which is nearly round, with heavily-netted, dark green skin; the flesh is of a rich salmon color, thicker than in any other melon, and in flavor is sweet and luscious beyond description. They ripen early and grow to a good



NEW EARLY HACKENSACK.

CHAMPION MARKET.—Is very productive, frequently bearing seven perfect melons on a single vine, while on one vine we counted five melons set within a length of 32 inches. The melons mature early. It is an excellent shipper, and we consider it, unquestionably, the most profitable variety that can be grown for market. Pkt. 5c., oz. 15c., 1-4 lb. 40c., lb. \$1.00.

IMPROVED ORANGE CHRISTIANA.—Outer color dark green. When ripe, the melons always separate from the stem. The flesh is a dark rich yellow, of the best quality. The flesh is so thick that the seed cavity is remarkably small. It is rapidly becoming a general favorite. This is one of the very best table melons we have in this locality. Pkt. 5c., oz. 10c.

MILLER'S CREAM.—Before the advent of the Osage, this was the most popular melon in the Chicago market—both for its shipping and handling qualities and its delicious table qualities. The flesh is remarkably thick, leaving but little seed cavity, and the rind very thin. Packet 10 cents, half-ounce 15 cents, ounce 30 cents, quarter-pound 75 cents.

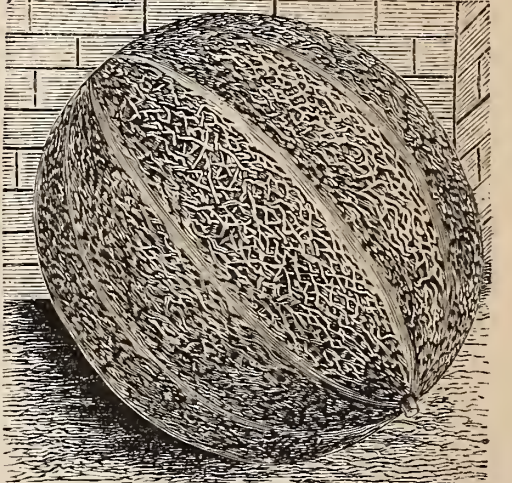
MONTREAL GREEN NUTMEG.—Green-fleshed. This melon grows very large, very many of them weighing 15 to 20 pounds. It is a sure, heavy bearer, producing as many large melons as any variety does small ones. Vines are vigorous and always healthy. The quality is as sweet and delicious as the smallest nutmeg melon. Extra selected seeds. This melon is the best of all for Canada, being the leading sort in the Montreal market. It is also the favorite with Boston growers, dealers, and consumers. It is so very reliable and does not, like most melons, lose flavor during wet and cool spells of weather. A most reliable melon in any locality. Our seed is saved from the finest strains in the East, and is unsurpassed. Pkt. 5c., oz. 15c., 1-4 lb. 30c., lb. \$1.00.

EMERALD GEM.—Orange flesh. Without doubt the most delicious table melon extant. The luscious flavor and melting flesh of this melon is without an equal. The vine is prolific, extra early; melons rather small, but of a desirable table size. For family use it has no equal. It cannot be shipped successfully. Pkt. 10, 1/2-oz. 15, oz. 25, 1/4-lb. 60, lb. \$2.

OSAGE.—(Private Stock.) Skin dark green, slightly netted on the lobes on upper side; a rich orange color where the melon lies on the ground, and on this side it is eatable within an eighth of an inch of the

surface. The shape is a pointed oval—egg-shaped most exactly expresses it—medium sized, and whole crop very even and extra heavy, owing to thickness of meat; has no equal in this respect, not even the Hackensack. Best melon and best shipper we know of. Many testimonials from the largest commission men show it to have been the past season the most profitable market melon in the West. Pkt. 10c., 1/2-oz. 30c., oz. 50c.

HACKENSACK.—Green-fleshed. Grows uniformly to a large size; round in shape, flattened at the ends; flesh green, of most delicious flavor, and wonderfully productive. As grown by us, this is one of the finest in cultivation, and we un-



CHAMPION MARKET.

hesitatingly recommend it to market gardeners and private planters. Pkt. 5, oz. 10, 1/4-lb. 30, lb. \$1.

BAYVIEW.—It is very large, fine flavored, and remarkably productive, being a strong, vigorous grower. With ordinary cultivation, the Bayview will weigh 10 to 15 pounds, while with extra cultivation it will reach 17 to 20 pounds in weight. It has light green flesh, very thick, luscious and sweet. Pkt. 5c., oz. 10c., 1/4-lb. 30c., lb. \$1.

LONG GREEN PERSIAN.—Distinct in its



MONTREAL NUTMEG.

size, frequently 8 to 10 pounds each. The vines grow vigorously and are very productive. Pkt. 10c., oz. 25c., quarter-pound 75c., pound \$2.

JAPAN CORAL-FLESH MUSKMELON.—Few garden novelties have given more genuine satisfaction than this new melon, which is unquestionably the most delicious variety in cultivation. It is of round form, ribbed and netted; flesh thick, of a coral color, sometimes changing to deep salmon, luscious and melting. Packet 10 cents, ounce 50 cents.

JAPAN SILVER-STRIPED WHITE.

—Said to be excellent. This is all the description we received from Japan. But we are assured they are excellent. Nearly all Japan products are thrifty and vigorous in growth. We think that it will prove satisfactory. Pkt. 10 cents.



JAPAN CORAL FLESH.



OSAGE.



EMERALD GEM.

conical shape; dark green skin, mottled with yellow; thick flesh, of good quality. Packet 10 cents, ounce 20 cents.

JENNY LIND.—Small, but very early and of good quality. Packet 5c., ounce 15c.

GOLDEN NETTED GEM.—Very early; globular, small, and of fine flavor; very good. Packet 5 cents, ounce 15 cents.

THE SURPRISE.—Early; oblong, with thin skin and very rich orange-colored flesh of delicious quality. Pkt. 5 cents, ounce 15 cents.

BIRD'S CANTALOUPE.—New, early, productive, very large. Pkt. 10, oz. 15.

WHITE JAPAN.—One of the smallest varieties, of a pale greenish-white color. It is both early and prolific, and its flavor and sweetness are unsurpassed. Pkt. 5, oz. 10, 1/4-lb. 30, lb. \$1.

SILL'S HYBRID.—Green flesh, sweet and of fine flavor. Packet 5 cents, ounce 15 cents.

LONG YELLOW CANTALOUPE.—Pkt. 5, oz. 15.



WHITE JAPAN.

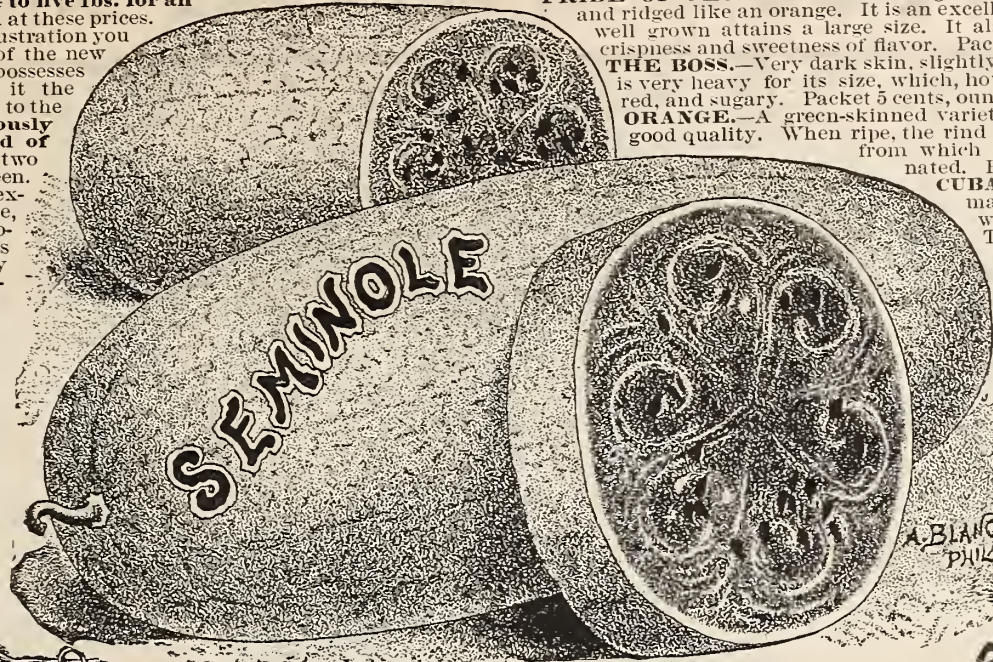
OUR PEERLESS MUSKMELON SEED IS NOT ONLY TRUE TO NAME, BUT IS FIRST-CLASS IN EVERY RESPECT.

HALLOCK'S LUSCIOUS WATERMELONS.

One oz. will plant 60 hills. 4 to five lbs. for an acre. We send by mail, post-paid at these prices.

SEMINOLE.—New. In the illustration you will find a fair representation of the new watermelon "Seminole." It possesses four qualities that will make it the most popular melon yet offered to the public. It is extra early, enormously productive, extra large, and of most delicious flavor. It is of two distinct colors, gray and light green. Melons of both colors are exactly the same in size, color, shape, color of seed, flavor, etc., and pronounced by competent judges as exactly the same melon in every respect. The gray color predominates, about one-fourth of the melons being of a light-green color. Melons of both colors are found on the same vine. This is an entirely distinct and exceedingly delicious melon, and should be tested by all. Pkt. 15 cents, 1/2-oz. 25 cents, oz. 40 cents, 1/4-pound \$1.00, pound \$3.00.

PHINNEY'S EARLY.—This is early, and for cool locations, where most varieties succeed poorly, you will find this the most reliable cropper of all. It is exceedingly reliable. The melons are of medium size, oblong shape, and very uniform, the skin being mottled, as



PRIDE OF GEORGIA.—It is dark green in color, almost oval in shape, and ridged like an orange. It is an excellent shipping variety, and when well grown attains a large size. It also possesses in a marked degree crispness and sweetness of flavor. Packet 5c., ounce 10c., pound \$1.00.

THE BOSS.—Very dark skin, slightly ribbed, and is long in shape. It is very heavy for its size, which, however, is not large; flesh solid, red, and sugary. Packet 5 cents, ounce 10 cents, pound \$1.00.

ORANGE.—A green-skinned variety of oval form, red flesh, and good quality. When ripe, the rind can be separated from the flesh, from which characteristic the name originated. Pkt. 5 cts., oz. 15 cts., 1/4-lb. 40 cts.

CUBAN QUEEN.—This variety is of mammoth size, specimens often weighing 80 pounds and upwards. The rind is marked with regular stripes of light and dark green. It is a very showy variety. Pkt. 5 cts., ounce 10 cts., pound 85 cts.

MAMMOTH IRONCLAD.—A variety of undoubted excellence, of large size and weight, crops of it averaging nearly 50 pounds each. The flesh is deep red, and of a delicious, rich flavor, holding its fine quality very close to the skin. In outside appearance it is somewhat like the Gypsy, but there the resemblance ends. For shipping and keeping qualities the Ironclad is unsurpassed. Pkt. 5 cts., oz. 10 cts., lb. 85 cts.

MOUNTAIN SWEET.—Fruit oblong, dark-green, rind thin, flesh red, solid, sweet. Pkt. 5c, oz. 10c, lb. 85c.



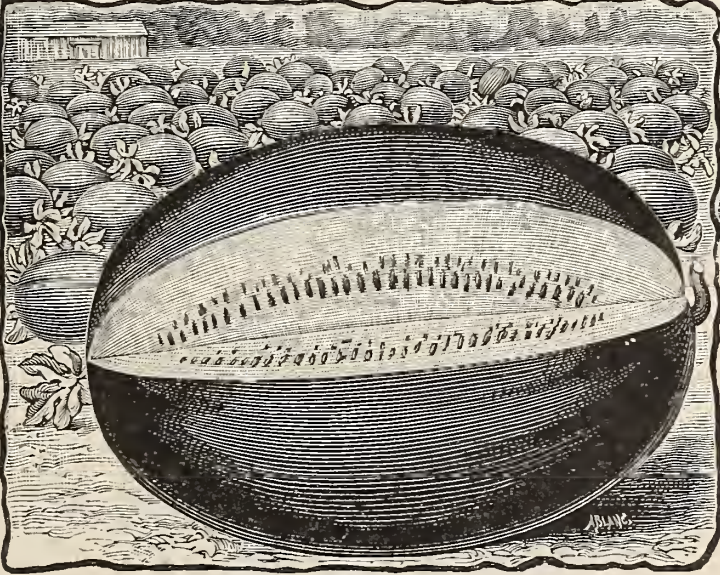
PHINNEY'S EARLY.

shown in the illustration; flesh red and sweet. It is hardy and vigorous in growth; very productive. Pkt. 5c., oz. 10c., lb. \$1.00.

GREEN AND GOLD.—Is the largest early variety in cultivation, melons ranging from 25 to 45 pounds, and its productiveness is equal to any of the red-fleshed sorts, while in delicious flavor it surpasses them all. The rind is the thinnest of any melon, the white being only 3/4 to 1/2 an inch in thickness. The flesh is a beautiful golden-orange color, free from any tinge of white or other color, even immediately around the seeds. The flesh is beautifully granular in appearance, juicy and sweet, and, as we have already stated, of unequaled flavor. Coupled with the delicious flavor of the Green and Gold Watermelon, its rich golden color will make it most desirable as an ornament for the table, especially if its golden slices are arranged in contrast with the crimson of the other sorts. Pkt. 15c., 1/2-ounce 25c., ounce 40c., 1/4-pound \$1.00, pound \$3.00.

KOLB GEM.—Is incomparably superior to any other melon raised in the South for shipping purposes. We have finer-flavored melons for some home markets, but they are more tender, and spoil in a few days. While the Kolb Gem is really better after 10 or 15 days, some say

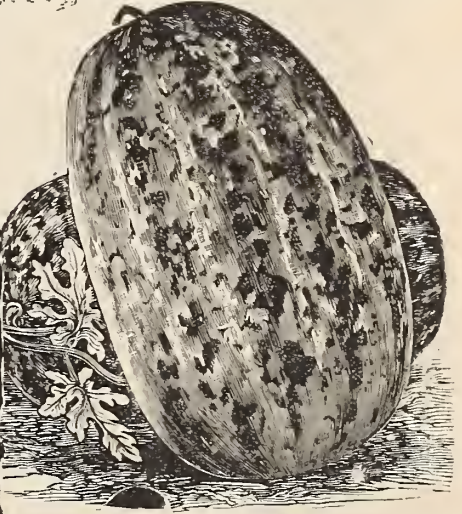
they will keep 30 days. They are prolific, grow large, and such is the strength of their rind that they will bear loading from four to six tiers deep in car, and go by rail from this point to Cincinnati, Ohio, St. Louis, Mo., Buffalo, N. Y., etc., without much damage to bottom tier. I have seen car-loads averaging 45 pounds each, and many single melons go to 65 pounds. Nearly all melons that came to New York this year were Kolb Gems, and a handsome sight they were. Packet 5 cents, ounce 10 cents, quarter-pound 25 cents, pound 85 cents.



GREEN AND GOLD.

FLORIDA FAVORITE WATERMELON.—Finest table melon extant; oblong in shape, as shown in the illustration, growing to very large size; rind dark, with light-green stripes; flesh light-crimson, very crisp and deliciously sweet; seed rather small, and of light creamy-white color. Ripened the past season 10 days earlier than Kolb Gem, Iron Clad, or Rattlesnake. We offer seed grown by originator. Packet 5 cents, ounce 15 cent, pound \$1.25.

GEORGIA RATTLESNAKE.—Markings resemble the rattlesnake. Long, medium thick; delicious; favorite for eating purposes. Said to be a good market variety. Pkt. 5c., oz. 10c., lb. 85c.



KOLB'S GEM.

OEMLER'S TRIUMPH.—A Russian variety; very distinct. Packet 10 cents.

VOLGA.—Another Russian variety, used largely in Moscow market. Packet 10 cts.

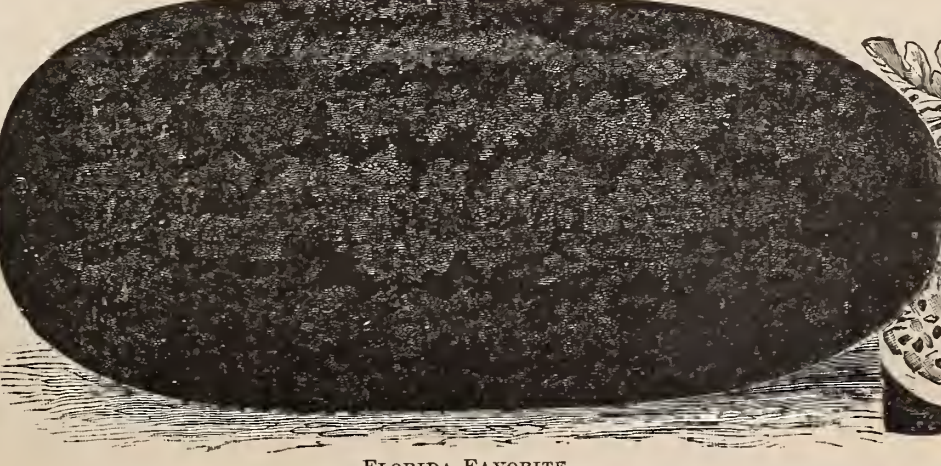
SCALY BARK.—Thin rind, yet strong and tough; good shipper. Pkt. 5, oz. 10, lb. \$1.

COLORADO PRESERVING MELON.—This is quite distinct from the ordinary preserving citron, the seeds being of a light-green color. It is immensely productive, one vine produced 25 fine melons, weighing from 15 to 40 pounds each. The flesh is very firm and solid, with few seeds. The preserving qualities are of the very finest. It makes beautiful, clear, nearly transparent preserves of surpassingly fine flavor. Packet 5 cents, ounce 10 cents.

BURPEE'S HUNGARIAN HONEY.—Mr. Burpee says: "This new and superb variety was brought by us from Hungary in the summer of 1884, and after two years' thorough trial on a large scale, having had several acres of them growing the past season, we can positively state that it is decidedly the richest and sweetest-flavored of all watermelons. Packet 10 cents, ounce 25 cents."



HUNGARIAN HONEY.



FLORIDA FAVORITE.



COLORADO PRESERVING.

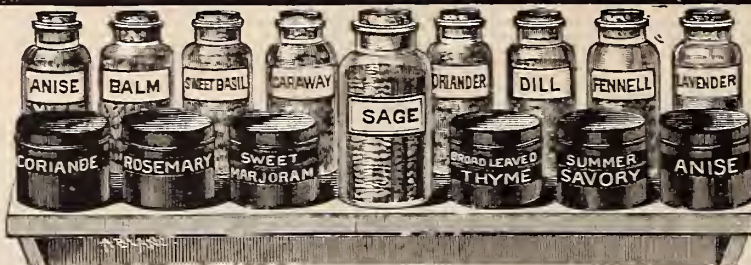
A GOOD CROP OF WATERMELONS IS WORTH HAVING. TRY OUR SEEDS; THEY ARE GOOD AND HAVE BEEN CAREFULLY SELECTED.

ODDS AND ENDS.



EGG PLANT.

EGG PLANT. Will thrive in any good garden soil, but will repay good treatment. The seed should be sown in hot-beds the first week in April, care being taken to protect the young plants from cold at night. Plant out about June 1st, about two and a half feet apart. If no hot-bed is at hand, sufficient plants may be raised for a small garden by sowing a few seeds in common flower pots or boxes in the house. **Pekin New Black**, a highly-esteemed variety, producing very handsome, jet-black fruit of superior quality; pkt. 10c., oz. 50c., 1-4 lb. \$2.00, lb. \$6.00. **Early Long Purple**, a very early, hardy, and productive variety of good quality; pkt. 10c., oz. 30c., 1-4 lb. \$1.00, lb. \$3.00. **New York Improved Purple**. This variety is extensively cultivated for both market and private use; it grows to a large size, very prolific and fine flavored; packet 10 cents, ounce 50 cents, 1-4 pound \$1.50, pound \$5.00.



ODDS AND ENDS.

COLLARDS. A species of cabbage known in different sections as "Cole" and "Colewort." It is almost universally used in the South for "greens," where it continues luxuriant growth all winter.



COLLARDS.

Georgia, or Southern. This is the variety so extensively used in the South, where it furnishes an abundance of food for both man and beast. Forms a large, loose, open head, or a mass of leaves on a tall stem, which are the better for freezing. Sow thick in drills in rich ground, transplanting when four inches high. In the South sow from January to May, and Ang. to Oct. Pkt. 5c., oz. 10c.

UPLAND CRESS. It so much resembles water cress in taste that the difference is scarcely discernible, and the wonder is that its use has not become more general, as it is of as easy culture as spinach, indeed easier, for it is a perennial plant, and can be grown easily for two years without re-sowing, and it yields enormous crops. The seed should be sown in April (latitude of New York) in rows 12 to 15 inches apart; packet 10 cts. **Cress, Extra-Curled or Pepper Grass**, packet 5 cents, ounce 10 cents. **Water**, packet 10 cts., ounce 45 cts.



CRESS.

NASTURTIUM, Tall, Pkt. 5c., oz. 15c. **Dwarf**, pkt. 5c., oz. 25c. **KOHL RABI, or TURNIP-ROOTED CABBAGE.** When young and tender they are fine for table use; when matured, they keep well, and are excellent for winter feeding to stock. **Green or White**, good for table use stock and feeding; pkt. 5c., oz. 15c., 1/4-lb. 40c., lb. \$1.50. **Early White Vienna**, the best market sort for table use; pkt. 5c., oz. 20c., 1/4-lb. 60c., lb. \$2.00. **Early Purple Vienna**, this variety is the most largely grown for table use in Germany and Austria; packet 5 cents, ounce 20 cents, quarter-pound 60 cents, pound \$2.00.



CORN SALAD.

CORN SALAD, or FETTICUS. Sow during August, or early in September, in drills 1-4 inch deep and 6 inches apart. If dry weather, tread in the seed lightly. Keep down weeds with hoe. Just before the first of winter cover thinly with clean straw or leaves. A delicious, hardy salad. **Large-Seeded**. Packet 5 cents, ounce 10 cents, pound 75 cents. **Small-Seeded**. Packet 5 cents, ounce 10 cts., pound 75 cents. **Green-Cabbaging**. Improvement; packet 5 cents, ounce 20 cents, pound \$1.00. **Lettuce-Leaved**. Packet 5 cents, ounce 20 cts., pound \$1.50.



KOHL RABI.



CARDOON.

CARDOON. The stems of the leaves, which are thick and crisp, are the eatable parts, and are generally used in soups or stews, after being blanched in the same manner as celery. They are in perfection during the autumn and winter. Sow in April in drills 1 inch deep; when one year old transplant in trenches of well-manured ground, 3 feet apart and 1 foot in the rows; the roots remain from year to year. **Large Solid**, the best variety; packet 10 cents, ounce 40 cents.

ORACH, or FRENCH SPINACH. Sow early in spring; cultivate and use like spinach. **Red**, distinct; dark-red leaves; ornamental; pkt. 5c., oz. 15c. **White**, pale green leaves, almost yellow; packet 5 cents, ounce 15 cents.

MARTYNIA. A strong-growing annual plant, bearing curiously-shaped seed pods, which when young and tender, make excellent pickles. Sow in the open ground in May, and thin out the plants to 2 or 3 feet apart, or a few seeds may be sown in a hot-bed, and afterwards transplanted. **Martynia Proboseidea**, pkt. 10c., oz. 30c.

CORIANDER. Seed aromatic; packet 5 cents, ounce 20 cents.

DILL. Seeds aromatic, pungent, and medicinal; pkt. 5c., oz. 15c.

FENNEL. Sweet. Seeds aromatic; packet 5 cents, ounce 15 cents.

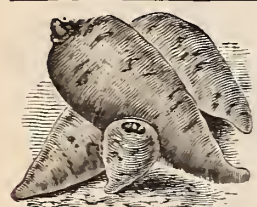
LAVENDER. The oil and distilled water are very fragrant; packet 5 cents, ounce 30 cents.

MARJORAM, Sweet. Used as seasoning; pkt. 5 cts., oz. 20 cts.

ANISE. Seeds aromatic and carminative; packet 5c., ounce 10c.

BALM. Has medicinal qualities; packet 5 cents, ounce 40 cents.

BASIL. Sweet. Culinary herb, for flavoring soups; pkt. 5c., oz. 25c.



CHERVIL.

CHERVIL. The Curled Chervil is cultivated like Parsley, and used for garnishing and flavoring soups and salads. The seed of the Tuberous-Rooted is sown in August, and treated like the Carrot. **Curled Chervil**. Pkt. 5c., oz. 20c., 1-4 lb. 60c., lb. \$2.00. **Tuberous-Rooted**. Prepared for the table like Carrots, this is one of the most delicious vegetables grown; pkt. 5c., oz. 20c., 1-4 lb. 60c., lb. \$2.00.

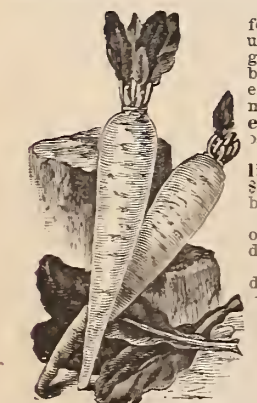
CARAWAY. Seed aromatic; packet 5 cents, ounce 10 cents.



MUSTARD.

MUSTARD. One ounce will sow about 75 feet of drill. **White London**, for salads; oz. 5 cts., lb. 50 cts. **Black or Brown**, more pungent than the white; for culinary use; oz. 5c., 1/4-lb. 20c., lb. 50c. **Creole, or Southern Giant Curled**. New. The best variety for the South; pkt. 5 cts., oz. 10 cts., 1/4-lb. 30 cts., lb. \$1.00. **Chinese**. New. Very large leaves and succulent stems; pkt. 5 cts., oz. 10 cts., 1/4-lb. 30c., lb. \$1.00.

ROSEMARY. Yields an aromatic oil and water, and largely in use; packet 5c., ounce 50c.



CHEVICORY.

CHEVICORY is cultivated chiefly for its roots, which are dried, and used as a substitute for flavoring ingredient for coffee. The leaves, when blanched, are also esteemed as an excellent salad. Cultivate as recommended for Carrots. **Large-Rooted or Coffee Chicory**. Pkt. 5c., oz. 10c., 1-4 lb. 30c., lb. \$1.00.

MUSHROOM SPAWN. English spawn, 25c. per lb.; 10 lbs. for \$1.00. French spawn, 3-pound box \$1.25; in bulk 35c. per pound.

RHUBARB, Victoria, pkt. 5c., oz. 20c. **Roots**, 40c. each, \$4.00 per dozen.

HORSE RADISH. Sets 50c. per dozen, by mail, post-paid.



WHITE VELVET OKRA.

WHITE VELVET OKRA. The pods of the White Velvet Okra are round and smooth; in all other varieties they are ridged or square-edged. Besides this, the pods are much larger than those of any other Okra, are never prickly to the touch, and are produced in the greatest abundance; pkt. 5c., oz. 25c. **Okra, Dwarf Green**, packet 5 cents, ounce 10 cents. **Long Green**, packet 5 cents, ounce 10 cents.

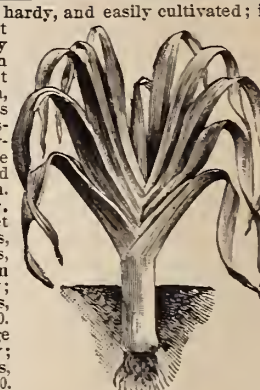


KALE.

KALE, largely grown in some sections, and very desirable for greens. Very tender and delicate in flavor. **Green-Curled**, packet 5 cents, ounce 10 cents. **Green Curled Scotch**, packet 5 cents, ounce 10 cents.

ENDIVE. A highly-esteemed winter salad. For first crop sow about the middle of May, and for succession in June and July. When the plants are 2 or 3 inches high, thin them out or transplant into moderately rich and rather light soil, one foot apart. When nearly full grown, and before they are fit for the table, they must be blanched, an operation which is simply performed by tying the leaves loosely together, or by covering with boards, slats, or flower pots. **Green-Curled**. The hardest variety grown; beautifully curled, tender and crisp; packet 5 cents, ounce 25 cents, quarter-pound 60 cents, pound \$2.00. **White Curled**. Very tender when cut young; blanches readily; packet 5 cents, ounce 25 cents, quarter-pound 60 cents, pound \$2.00.

LEEK. The Leek is very hardy, and easily cultivated; it succeeds best in a light but well-enriched soil. Sow as early in spring as practicable, in drills 1 inch deep and 1 foot apart. When 6 or 8 inches high, transplant in rows 10 inches apart each way, as deep as possible, that the neck, being covered, may be blanched. If fine Leeks are desired, the ground can hardly be made too rich. **Large American Flag**. The most desirable for market or family use; packet 5 cents, ounce 25 cents, 1-4 lb. 75 cents, pound \$3.00. **Broad London or Flag**. A popular variety; packet 5 cents, ounce 15 cents, 1-4 pound 40 cents, pound \$1.50. **Musselburgh**. A very large variety of superior quality; packet 5 cents, ounce 25 cents, 1-4 pound 75 cents, pound \$3.00.



LEEK.

SEA-KALE. Cultivated for its blanched shoots, which are cooked as asparagus. A supply may be had all winter by planting the roots closely in a warm cellar before frost. Sow one inch deep, in drills two feet apart, thin out to six inches, and the next spring plant in hills three feet apart. **Sea-Kale**. Packet 10 cents, ounce 30 cents, 1-4 pound \$1.00, pound \$3.00.

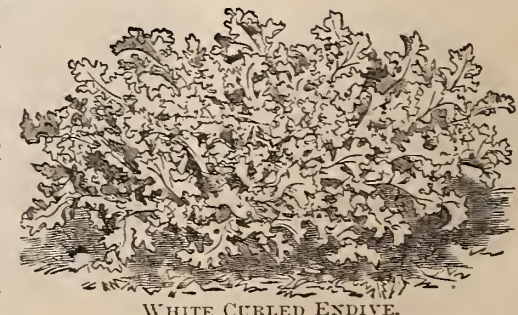


SEA KALE.

SAGE. Common. Used as a culinary herb, and also in medicine; packet 5c., ounce 25c.

SAVORY. Summer. Used as a culinary herb; packet 5 cents, ounce 20 cents.

THYME. Broad-Leaved English. Used as a seasoning; packet 5 cents, ounce 30 cents.



WHITE CURLED ENDIVE.

DANDELION. In spring the blanched leaves of this plant make a most delicately flavored and wholesome salad. The seed may be sown in May or June, in drills half an inch deep, and twelve inches apart; thin out the plants to six inches; cultivate during summer, and the following spring the leaves will be fit to eat. **Improved Large-Leaved**.—A new, thick-leaved variety, of great productivity, and fine flavor. Packet 10 cents, ounce 40 cents.



DANDELION.

PEPPER.

Quantity of seed required, One ounce for one thousand plants. Should be sown in hot beds early in April, and transplanted in open ground as soon as the weather permits. The plant should be set in warm, mellow soil, in drills two feet apart, and about two feet apart in the row, or may be sown in open ground as soon as the weather permits, and all danger of frost is over.

should be set in warm, mellow soil, in drills two feet apart, and about two feet apart in the row, or may be sown in open ground as soon as the weather permits, and all danger of frost is over.



GOLDEN UPRIGHT.

GOLDEN UPRIGHT.—Entirely unlike any other pepper; twice the size of Golden Dawn; very mild-flavored. Packet 10 cents, half-ounce 20 cents, half-pound \$2.00.

CELESTIAL PEPPER.—One of the most remarkable plants we know of; Peppers are borne in the greatest profusion; very sharp and high-flavored, and one of the most beautiful ornamental plants we ever saw. See flower-seed list for ornament, and inside of first cover for colored plate and description. Packet 10 cents, 1/2-ounce 35 cents.

RED CLUSTER.—This new pepper attracted much attention at our grounds the past two summers. It is undoubtedly a sport of the Chili, which it slightly resembles; the leaves and fruits are smaller, while it is much more productive, the fruits being curiously crowded together on each branch, making the plants extremely ornamental as well as useful. The peppers are very hot and of a conspicuous coral-red color. Packet 10 cts., ounce 35 cts., 1/4-pound \$1.00.



RUBY KING.

RUBY KING.—The peppers are of a bright ruby-red color, from 4 1/2 to 6 inches long, by 3 1/2 to 4 inches in diameter, which makes it one of the largest of peppers. The plant is of strong, bushy habit, producing from 6 to 12 large, perfect fruits. Its flavor is remarkably mild, and it can be sliced and eaten with pepper and vinegar, like tomatoes or cucumbers, or it can be used as a salad. It is a decided acquisition, and should be in every garden. Packet 10 cents, ounce 40 cents, half-pound \$2.00.



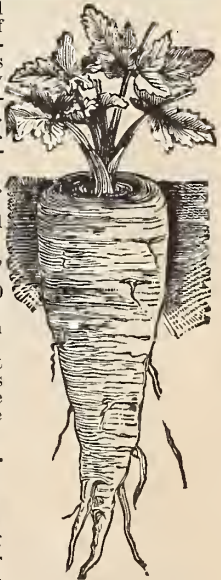
PROCOPP'S GIANT PEPPER.

PROCOPP'S GIANT PEPPER.—This new variety may be justly called the Goliath of all the pepper family. They grow uniformly to a very large size, are of a brilliant scarlet color, flesh fully half an inch in thickness. In flavor they are just hot enough to be pleasant to the taste. Each plant ripens from 8 to 12 perfect fruits, from 8 to 10 inches long by 3 inches thick. Pkt. 10 cents, 1/2-ounce 20 cents, ounce 35 cents.

PEPPER, NEW GOLDEN MANGO.—A very large, yellow, sweet pepper, with thick flesh. One of the best sorts for Mangoes. Packet 10 cents, ounce 40 cents.

BULL NOSE or BELL.—Larger than the last-named sort, and of milder flavor; skin quite thick; an early sort. Pkt. 5 cts., ounce 25 cts., 1/2-pound \$1.50.

PARSLEY. One ounce will sow 150 feet of drill. Culture—Soak the seed a few hours in luke-warm water, and sow early in spring and until middle of July, in drills 1 foot apart. Thin out the plants to 4 inches. To preserve in winter, trans-



IMPROVED GUERNSEY PARSNIP.



HOLLOW CROWN.

PARSNIP. One ounce will sow 200 feet of drill; 5 pounds required for an acre. Culture—Sow as early in the spring as the ground can be worked, in rich soil, in drills 18 inches apart. Thin to 6 or 8 inches in the row. Hoe and cultivate often to keep down the weeds.

MALTESE.—Very handsome, and of excellent quality. The base of the leaf-stems have the appearance of a Maltese cross; shorter than others, and better for shallow soils. One of the best for market gardeners. Packet 5 cents, ounce 10 cents, 1/4-pound 20 cents, pound 80 cents.

GUERNSEY or CUP.—Standard variety. Packet 5 cents, ounce 10 cents, 1/4-pound 20 cents, pound 70 cents.

LONG WHITE (Long Smooth or Hollow-Crowned).—Roots very long and smooth, free from side roots, tender, sugary, and most excellent flavored. Packet 5 cents, ounce 10 cents, 1/4-pound 20 cents, pound 70 cents.

EARLY ROUND (Short Round French).—The earliest of all varieties. Packet 5 cents, ounce 10 cents, 1/4-pound 20 cents, pound 80 cents.

ABBOTT'S IMPROVED PARSNIP.—Smooth, and quite large; one of the best. Packet 5 cents, ounce 10 cents, pound 75 cents.

LONG SMOOTH or HOLLOW CROWN (Private Stock).—This is a carefully-selected strain of the finest Parsnips we know of. Our repeated tests, confirmed by our most particular market gardeners' reports, place it ahead of any in the market. The roots are large, smooth, and milk-white. You can rely on this strain. Packet 5 cents, ounce 10 cents, quarter-pound 25 cents, pound 80 cents.

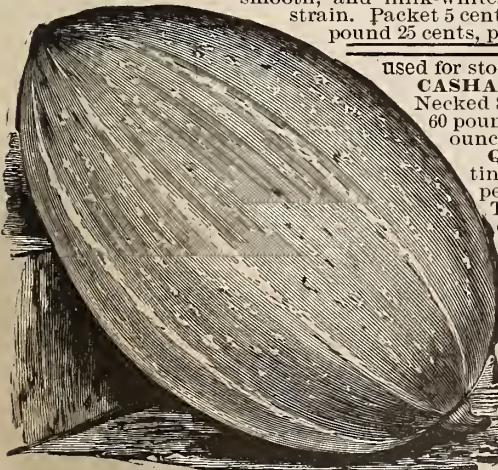
used for stock for winter feeding. Not

CASHAW.—A very prolific variety, resembling in form the Winter Crook-Necked Squash, although growing to a much larger size, frequently weighing 60 pounds and over; color light cream; flesh salmon color. Packet 5 cents, ounce 10 cents, quarter-pound 25 cents, pound 80 cents.

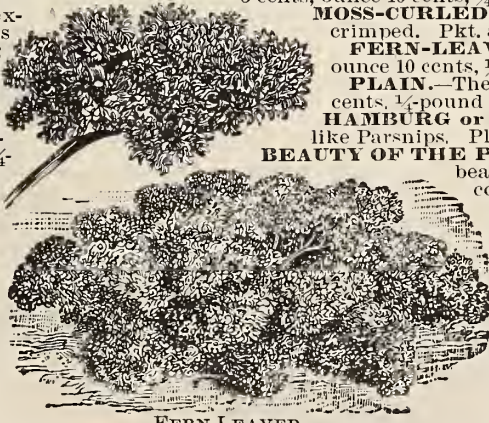
QUAKER PIE PUMPKIN.—It is of a peculiar shape, being distinct and unlike any other Pumpkin or Squash. It is oval, and tapers toward each end. It is of a creamy color, both inside and out. The vines are very hardy and prolific, always yielding a certain crop. It is early and keeps late. Its chief value is for "Pumpkin Pies." Being fine-grained and rich-flavored, it makes a superior quality of pies. It has none of the coarse and stringy character so common to other varieties. By being stored in a warm, dry place, the pumpkins can be preserved until late in winter. Pkt. 10 cents, ounce 30 cents, 1/4-pound 75 cents.

TRUE TENNESSEE SWEET POTATO PUMPKIN.—Although not entirely new, we think so highly of this splendid pie and cooking pumpkin, that we have made a specialty of it. Pkt. 10 cents, ounce 20 cents, 1/4-pound 60 cents, pound \$2.00.

VALPARAISO.—This new variety, originally from South America, is sometimes classed among the squashes, but is really one of our finest pumpkins. When grown from the true seed it is vastly superior to the so-called "improved" or mongrel sorts. Its shape is oblong; very sweet and delicate in flavor, making the best pies, etc. Pkt. 5 cts., oz. 15 cts., 1/4-lb. 40 cts., pound \$1.50.



IMPROVED VALPARAISO PUMPKIN.



FERN-LEAVED.

plant and set them in a light cellar or cold frame.

EXTRA or DOUBLE-CURLED.—Superior variety. Pkt. 5 cents, ounce 10 cents, 1/4-pound 30 cents, pound \$1.00.

MOSS-CURLED.—Very pretty, closely curled and crimped. Pkt. 5 cts., oz. 10 cts., 1/4-lb. 30 cts., lb. \$1.00.

FERN-LEAVED.—Best for general use. Pkt. 5c., ounce 10 cents, 1/4-pound 30 cents, pound \$1.00.

PLAIN.—The ordinary form. Pkt. 5 cts., ounce 10 cents, 1/4-pound 15 cents, pound 60 cents.

HAMBURG or ROOTED.—Forms edible roots, much like Parsnips. Pkt. 5c., oz. 10c., 1/4-lb. 30c., pound \$1.00.

BEAUTY OF THE PARTERRE.—Quite distinct and most beautiful for edging and equally good as condiment; give at least 6 inches space between plants. Packet 5 cents, ounce 15 cents, quarter-pound 50 cents.

PUMPKIN

Plant about the 1st of June among the Indian Corn, or in the field or garden, in hills 8 or 10 feet apart each way, 4 seeds in a hill; in other respects are cultivated in the same manner as melons and cucumbers. Avoid planting near other vines.

MAMMOTH TOURS, or JUMBO.—Grows to an enormous size, often weighing 150 lbs; very productive; flesh salmon color; good keeper; desirable for cooking purposes or for stock feeding. Packet 5 cents, ounce 25 cents, pound \$2.50.

LARGE CHEESE.—About the most desirable variety for culinary purposes; light yellow, with very thick, sweet, brittle flesh, and a most excellent keeper. Packet 5 cents, quarter-pound 20 cents, pound 75 cents.

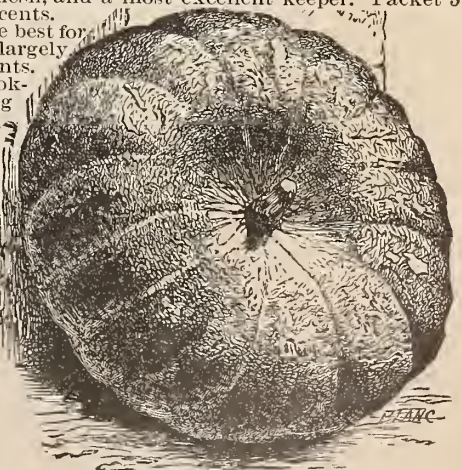
CONNECTICUT FIELD.—One of the best for field culture; can be grown with corn; largely good South. Packet 5 cents, pound 75 cents.

CASHAW.—A very prolific variety, resembling in form the Winter Crook-Necked Squash, although growing to a much larger size, frequently weighing 60 pounds and over; color light cream; flesh salmon color. Packet 5 cents, ounce 10 cents, quarter-pound 25 cents, pound 80 cents.

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MAMMOTH TOURS PUMPKIN.

WHITE ADRIATIC BAR LETTA



A beautiful small, white, delicate-flavored onion; earliest and quickest-growing of any in cultivation; 3 weeks earlier than the Queen. Packet 10 cents, ounce 25 cents, 1/4-pound 75 cents, pound \$2.75.

founded with the Italian variety of this name, which is far inferior. This is the earliest of the large white varieties; grows almost like a radish, to an enormous size in a short space of time. Very mild, and a splendid keeper. Pearly-white color, the outside skin has a beautiful waxy appearance, and the flesh is white as snow. Be careful that you get the true American-grown Pearl. Packet 10 cents, ounce 40 cents, 1/4-pound \$1.25, pound \$4.00.

EXTRA-EARLY RED (Eastern Seed).—This variety grows quickly and yields abundantly. The most reliable sort for North and West in cold, mucky soils. It will produce a large crop where others fail. The flavor is pleasant, and color deep red. Pkt. 10c., oz. 25c., 1/4-pound 75c., pound \$3.00.

EXTRA-EARLY RED (California-Grown Seed).—Packet 5 cents, ounce 20 cents, 1/4-pound 50 cents, pound \$2.00.

EARLY CRACKER (Eastern-Grown).—This is almost an exact counterpart of Early Red, only the color is yellow. It is the same quick, sure grower, under most any conditions. Very pleasant flavor. Packet 10 cts., ounce 25 cents, 1/4-pound \$1.00, pound \$3.00.

YELLOW GLOBE DANVERS (Eastern Seed).—We take great pride in keeping and improving the strain of this popular onion. We aim

to have our seed second to none, both in germinating quality and in perfection of bulb. It is equal to any seed sold at a much higher price, as we wish all raisers of onions to convince themselves of. Our strain produces very handsome bulbs, deep and uniformly large and perfect. Pkt. 10c., ounce 20c., 1/4-pound 75c., pound \$3.00.

YELLOW GLOBE DANVERS (California Seed).—Pkt. 5c., oz. 20c., 1/4-lb. 60c., pound \$2.00.

YELLOW DANVERS (Eastern Seed).—This strain is rather more flat, and a trifle better keeper than the above strain. Pkt. 5c., ounce 15c., 1/4-pound 50c., pound \$2.

YELLOW DANVERS (California Seed).—Packet 5 cents, ounce 15 cents, quarter-pound 40 cents, pound \$1.50.

LARGE RED WETHERSFIELD (Eastern Seed).—This is the favorite onion in the East, where immense crops are grown for shipment. Large size; skin deep purplish-red; form round, somewhat flattened; flesh purplish-white, moderately fine-grained, and stronger-flavored than any of the other kinds. Very productive, the best keeper, and one of the most popular for general cultivation. Packet 5 cents, ounce 20 cents, 1/4-pound 75 cents, pound \$3.00.

LARGE RED WETHERSFIELD (California Seed).—Packet 5 cents, ounce 15 cents, 1/4-pound 50 cents, pound \$2.00.

WHITE SILVER-SKIN or WHITE PORTUGAL (Eastern Seed).—Very desirable for family use; flavor mild and pleasant; skin silvery white; of handsome appearance; highly esteemed for pickling when young, also for market in early winter. This is the variety White Onion Sets are grown from. Packet 10 cents, ounce 35 cents, 1/4-pound \$1.00, pound \$3.50.

SOUTHPORT WHITE GLOBE (Eastern Seed).—Large white globular-formed onion, of mild flavor, and good keeping properties. Raised largely for the New York market by Connecticut growers and others. Mr. Gregory does not recommend raising it north of New York. Seed from extra-selected specimens. Packet 10 cents, ounce 30 cents, 1/4-pound 85 cents, pound \$2.90.

SOUTHPORT YELLOW GLOBE (Eastern-Grown Seed).—Packet 10 cents, ounce 25 cents, 1/4-pound 70 cents, pound \$2.50.

SOUTHPORT YELLOW GLOBE (California-Grown).—Packet 5 cents, ounce 20 cents, 1/4-pound 50 cents, pound \$2.00.

SOUTHPORT RED GLOBE (Eastern-Grown Seed).—Packet 5 cents, ounce 20 cents, 1/4-pound 65 cents, pound \$2.25.

SOUTHPORT RED GLOBE (California-Grown).—Packet 5 cents, ounce 20 cents, 1/4-pound 50 cents, pound \$1.90.

EARLY RED GLOBE DANVERS (Eastern-Grown Seed).—Packet 10 cents, ounce 25 cents, 1/4-pound 70 cents, pound \$2.50.

STRASBURG or YELLOW DUTCH (Eastern Seed).—A vigorous, reliable grower, producing large crops of good-sized bulbs; skin yellow; flesh white; excellent keeper, one of the best sorts to raise sets from. Pkt. 5, oz. 20, 1/4-lb. 60, lb. \$2.

HALLOCK'S TESTED ONION SEED.

LOUISIANA or CREOLE ONION.—Sow in Louisiana and Gulf States in September and October. This is usually a light-red color, darker than Strasburg, but lighter than Red Wethersfield. Early and large, largely raised in lower part of Louisiana, and other States where similar conditions exist. The great early market onion in Louisiana; surpasses all others for this purpose. Our seed is raised South (seed raised elsewhere is not worth planting). Pkt. 10 cts., ounce 25 cts., pound \$3.00.

NEW WHITE QUEEN.—Italian variety. Early and flat, one of the very best Italian varieties for the extreme South. Pkt. 10 cents, ounce 20 cts., 1/4-pound 70 cts., pound \$2.50.

EXTRA-EARLY PEARL.—Eastern-grown seed. Extra-fine, for the South. This must not be con-

THORBURN'S EXCELSIOR WHITE PICKLING.—One of the very best for pickling. Packet 10 cents, ounce 25 cents, 1/4-pound 70 cents, pound \$2.50.

ITALIAN ONIONS.—Our seed will germinate 90 per cent. These onions have the last few years jumped into public favor, and are in great demand. Most of the varieties are very large and handsome, and are much more mild than native varieties. In the South they should be sown in the fall, or as soon as possible thereafter, to secure a large bulb. To get the enormous-sized bulbs (2 1/2 to 4 pounds), they must be set the second year, and they will not run up to seed like our onions. These onions are largely planted throughout the country.

SILVER KING (Mammoth White Garganus).—This is the largest and handsomest silvery-white variety in existence, specimens frequently weighing from 2 1/4 to 4 pounds. Packet 10 cents, ounce 30 cents, 1/4-pound 75 cents, pound \$3.

MAMMOTH POMPEII (Red Garganus).—This is the giant among onions. Specimens of this onion have weighed over 5 pounds. Packet 10 cents, ounce 25 cents, 1/4-pound \$1.75, pound \$2.50.

WHITE QUEEN.—Pure white small, flat bulb; very rapid grower; fine flavor; especially recommended for the South. Packet 10 cents, ounce 20 cents, quarter-pound 70 cents, pound \$2.50.

NEAPOLITAN MARZAJOLE (Early White Nocera).—Silvery white; mild flavor; larger and said to be earlier than Queen. Packet 5 cents, ounce 20 cents, 1/4-pound 50 cents, pound \$2.00.

EARLY PARIS SILVER SKIN.—Silvery white; 2 to 3 inches across; one of the best onions, and a good keeper. Packet 5 cents, ounce 20 cents, 1/4-pound 60 cents, pound \$2.25.

WHITE MAGGIAJOLA (Early White Tripoli, El Paso, Large Mexican).—Very large and early bulb; silvery white; 4 to 5 inches diameter; flesh tender, and very productive. Pkt. 5c., ounce 20c., 1/4-pound 50c., pound \$1.75.

ITALIAN TRIPOLI LARGE RED.—Does well in South. A quick grower; mild flavor; handsome, clear red color. Pkt. 5c., oz. 20c., 1/4-lb. 60 c., lb. \$1.75.

GIANT ROCCA RED.—Packet 5c., ounce 20c., 1/4-pound 50c., pound \$1.50.

GIANT ROCCA YELLOW.—Pkt. 5c., oz. 20c., 1/4-pound 50c., pound \$1.50.

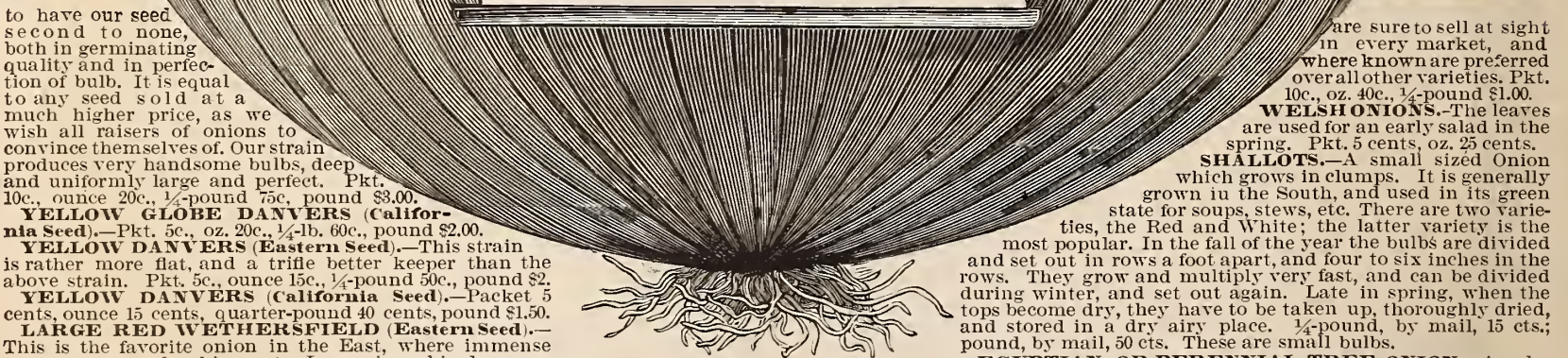
GIANT ROCCA BROWN.—Pkt. 5c., ounce 20c., 1/4-pound 50c., pound \$1.50.

TENERIFFE PALE RED (Bermuda Red).—For the South. Packet 5 cents, ounce 25 cents, 1/4-pound 60 cents, pound \$2.00.

YELLOW PEAR-SHAPED ONION.—A few who have grown and controlled this handsome onion for several years past, have made a profitable thing out of it. Its shape is well depicted in our illustration. The flesh is pure white and of very delicate, fine flavor. The outside skin is a deep golden yellow. They are so very handsome and attractive that they

NEW DENIA.

This new onion is the one that has monopolized the market in New York this last fall and winter. People bought these beautiful-looking Spanish onions and left all other varieties, until the finest Danvers and White Globes sold for \$1.00 to \$1.50 per barrel. This is ruinous to the onion-growers; we know of but one thing to do: plant Denia seed and raise Denia Onions. And still we would not recommend going in too largely until it is tested here; but by all means, all who plant an onion seed, try at least 1 packet to 1 pound of this seed. The onions are very uniform in size, weighing not less than 1 pound and seldom over 2 pounds. They are as handsome as a picture; distinct shape; flesh as white as snow, while the outside is a lovely amber. Packet 15 cents, ounce 40 cents, 1/4-pound \$1.50, pound \$5.00.



to have our seed second to none, both in germinating quality and in perfection of bulb. It is equal to any seed sold at a much higher price, as we wish all raisers of onions to convince themselves of. Our strain produces very handsome bulbs, deep and uniformly large and perfect. Pkt. 10c., ounce 20c., 1/4-pound 75c., pound \$3.00.

YELLOW GLOBE DANVERS (California Seed).—Pkt. 5c., oz. 20c., 1/4-lb. 60c., pound \$2.00.

YELLOW DANVERS (Eastern Seed).—This strain is rather more flat, and a trifle better keeper than the above strain. Pkt. 5c., ounce 15c., 1/4-pound 50c., pound \$2.

YELLOW DANVERS (California Seed).—Packet 5 cents, ounce 15 cents, quarter-pound 40 cents, pound \$1.50.

LARGE RED WETHERSFIELD (Eastern Seed).—This is the favorite onion in the East, where immense crops are grown for shipment. Large size; skin deep purplish-red; form round, somewhat flattened; flesh purplish-white, moderately fine-grained, and stronger-flavored than any of the other kinds. Very productive, the best keeper, and one of the most popular for general cultivation. Packet 5 cents, ounce 20 cents, 1/4-pound 75 cents, pound \$3.00.

LARGE RED WETHERSFIELD (California Seed).—Packet 5 cents, ounce 15 cents, 1/4-pound 50 cents, pound \$2.00.

WHITE SILVER-SKIN or WHITE PORTUGAL (Eastern Seed).—Very desirable for family use; flavor mild and pleasant; skin silvery white; of handsome appearance; highly esteemed for pickling when young, also for market in early winter. This is the variety White Onion Sets are grown from. Packet 10 cents, ounce 35 cents, 1/4-pound \$1.00, pound \$3.50.

SOUTHPORT WHITE GLOBE (Eastern Seed).—Large white globular-formed onion, of mild flavor, and good keeping properties. Raised largely for the New York market by Connecticut growers and others. Mr. Gregory does not recommend raising it north of New York. Seed from extra-selected specimens. Packet 10 cents, ounce 30 cents, 1/4-pound 85 cents, pound \$2.90.

SOUTHPORT YELLOW GLOBE (Eastern-Grown Seed).—Packet 10 cents, ounce 25 cents, 1/4-pound 70 cents, pound \$2.50.

SOUTHPORT YELLOW GLOBE (California-Grown).—Packet 5 cents, ounce 20 cents, 1/4-pound 50 cents, pound \$2.00.

SOUTHPORT RED GLOBE (Eastern-Grown Seed).—Packet 5 cents, ounce 20 cents, 1/4-pound 65 cents, pound \$2.25.

SOUTHPORT RED GLOBE (California-Grown).—Packet 5 cents, ounce 20 cents, 1/4-pound 50 cents, pound \$1.90.

EARLY RED GLOBE DANVERS (Eastern-Grown Seed).—Packet 10 cents, ounce 25 cents, 1/4-pound 70 cents, pound \$2.50.

STRASBURG or YELLOW DUTCH (Eastern Seed).—A vigorous, reliable grower, producing large crops of good-sized bulbs; skin yellow; flesh white; excellent keeper, one of the best sorts to raise sets from. Pkt. 5, oz. 20, 1/4-lb. 60, lb. \$2.

are sure to sell at sight in every market, and where known are preferred over all other varieties. Pkt. 10c., oz. 40c., 1/4-pound \$1.00.

WELSH ONIONS.—The leaves are used for an early salad in the spring. Pkt. 5 cents, oz. 25 cents.

SHALLOTS.—A small sized Onion which grows in clumps. It is generally grown in the South, and used in its green state for soups, stews, etc. There are two varieties, the Red and White; the latter variety is the most popular. In the fall of the year the bulbs are divided and set out in rows a foot apart, and four to six inches in the rows. They grow and multiply very fast, and can be divided during winter, and set out again. Late in spring, when the tops become dry, they have to be taken up, thoroughly dried, and stored in a dry airy place. 1/4-pound, by mail, 15 cts.; pound, by mail, 50 cts. These are small bulbs.

EGYPTIAN, OR PERENNIAL TREE ONION.—A valuable family onion; every garden should have a small bed of them. Perfectly hardy in all the Northern States. In this we have an entirely new variety of onion. It differs from those raised from seeds or sets, from the top onion, potato onion, or shallot, in the fact that, when once set out, without the slightest winter protection, it will come up year after year, as soon as frosts break ground, and grow so rapidly that it is ready for market or home use two or three weeks before any of them. The bottoms divide, making several onions, like old-fashioned rare-ripe. The bulbs are larger the second year. For family use it is unsurpassed for sweetness and tenderness. The young sets grow on top of the stalks like tree onions. These should be planted in the fall. They are ready for delivery now. Per quart, post-paid, 55 cts.; per express, 35 cts.; per pkt., 15 cts.; per peck, per express, \$1.50; per bushel \$4.00.

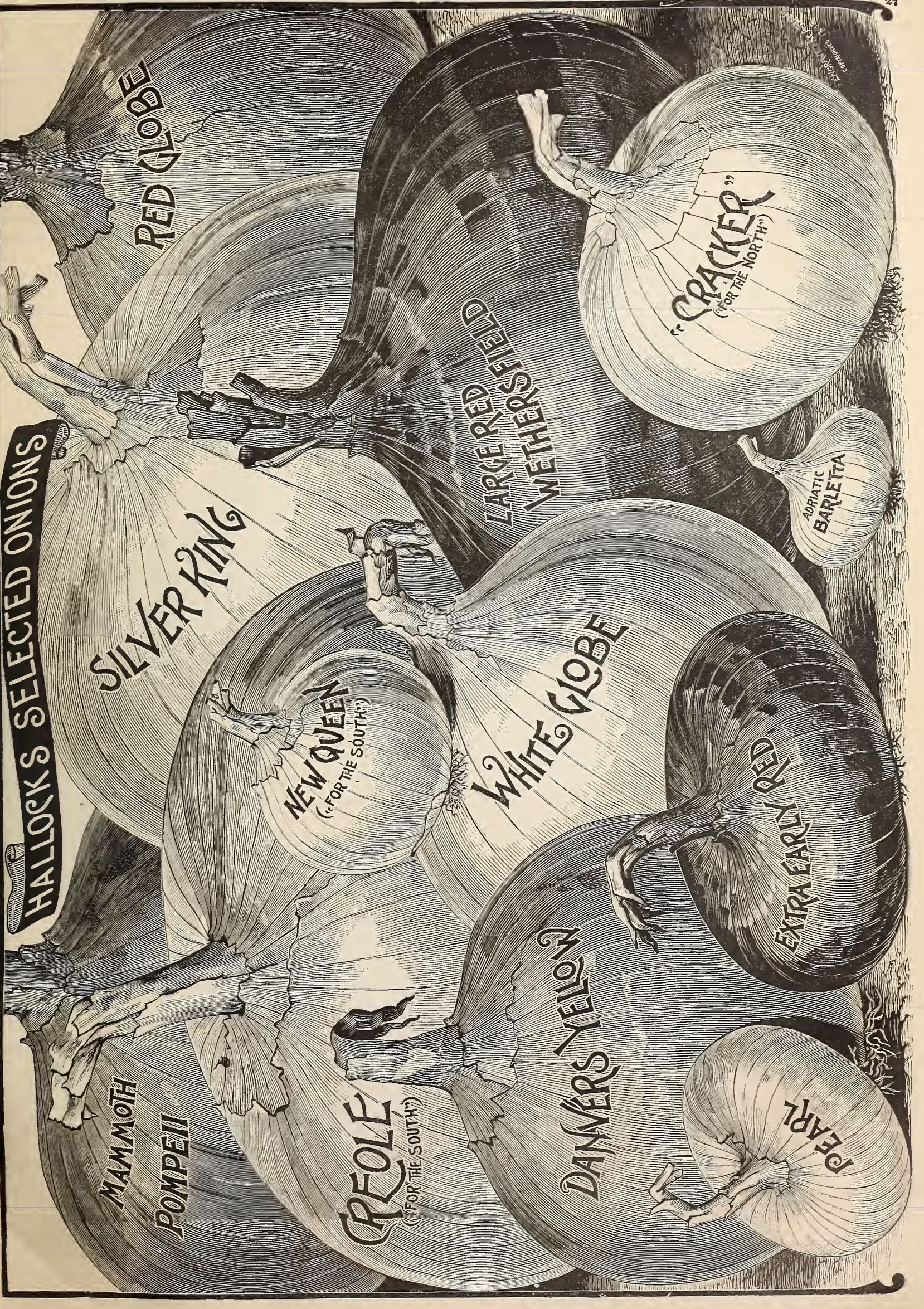
ONION SETS, TOPS, ETC.—Onion Sets and Tops are planted near the surface, in drills twelve inches apart and four inches in the rows. These last are valuable for early use, and where Onions from seed cannot be raised the first year. **Yellow Onion Sets.**—Quart 25 cts., peck \$1.25, bush \$4.00. **White Onion Sets.**—Quart 25c., peck \$1.50, bush \$5.00. **Red Onion Sets.**—Quart 25c., peck \$1.25, bushel \$4.00. **Red Top Onions.**—Quart 25 cts., peck \$1.25, bushel \$4.00. **Potato Onions.**—Quart 15 cts., peck \$1.50, bush, \$4.50. **Shallots.**—Quart 30c.

Garlic Sets.—1/2-pound 25c., lb. 40c.

ONION SETS.



HALLOCKS SELECTED ONIONS



RED GLOBE

SILVER KING

**MAMMOTH
POMPEII**

NEW QUEEN
(FOR THE SOUTH)

PEOPLE
(FOR THE SOUTH)

WHITE GLOBE

DANVERS YELLOW

**LARGER RED FIELD
WETHERS FIELD**

"CRACKER"
(FOR THE NORTH)

**ADRIATIC
BARLETTA**

EXTRA EARLY RED

PEARL

PEAS.

Prices of pints and quarts (include postage) sent by mail. One quart will plant about 125 feet of drill; from one to two bushels per acre. The Pea comes earliest to maturity in light, rich soil. For general crops a deep loam, or a soil strongly inclining to clay, is the best; for early crops mild manure, well rotted, should be used. Plant as early as the weather will permit in well-prepared soil, and cover about 2 or 3 inches deep. As to distance between the rows, about 3 feet apart for early kinds, and 4 feet for late. Market gardeners plant closer than this; but the above, for general garden purposes, will be found about right. For a continuous supply during the season, make plantings from early in April until the 1st of June; then sowing should be discontinued until the middle of August, when an extra early sort will sometimes produce a good crop. For the South, as a rule, for market purposes the early, vigorous, heavy croppers that ripen their crops nearly all at the same time, in order to have the picking done at one time, are the most popular for this purpose. Our stock of Peas is unsurpassed for quality of stock either for market purposes or family use. Special rates to market gardeners on large lots.

Hallock's List of Peas for Market Gardening and Home Use.

Prices for qts. and less sent by mail; above qts. sent by express.

LIGHTNING.—We were the first to introduce this variety largely in this country last year. We sold it extensively to market gardeners in this vicinity last spring, and they all pronounce it the earliest, most vigorous grower and heaviest cropper of all. The pods are long and the quality excellent. They can be planted early, and will not rot when the ground is cold. Packet 10 cts., pint 20c., quart 40c., peck \$1.25, bush. \$4.00.

EXTRA EARLY MARKET.—The best old reliable early market and garden strain, and until the Lightning was introduced the standard earliest variety. This ripens its crop nearly at one time. Pkt. 10 cts., pt. 20c., qt. 35c., pk. \$1.25, bush. \$4.00.

RURAL NEW YORKER.—Very early, prolific in bearing, quality good, uniform in ripening. Packet 10 cts., pint 15 cts., quart 35 cts., peck \$1.25.

"ALASKA."—Very early Blue Pea. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., pk. \$1.25.

FIRST AND BEST.—Used very largely for market planting; a reliable heavy cropper; a good Pea. Packet 10c., pint 15c., quart 35c., peck \$1.00, bushel \$3.50.

ALPHA.—An extra-early wrinkled Pea of excellent quality; requires good cultivation. Packet 10 cents, pint 20 cents, quart 35 cents, peck \$1.50.

DANIEL O'ROURKE IMPROVED.—This is a great improvement on the old Daniel O'Rourke, largely used for market purposes, for which it is excellent. Robust, strong, certain bearer; 2½ feet high. Pkt. 10c., pt. 20c., qt. 35c.

McLEAN'S ADVANCER.—Our strain of Advancers have proved unequalled; they are positively pure and free from runners.

On Long Island we sell more of this variety to market gardeners than any other, and in fact it is equally valuable and desirable as a table pea for family use.

It is the earliest of the really sweet wrinkled varieties. In quality it ranks with the best; a heavy certain cropper under most any condition. The pea is green and wrinkled; 3 feet high.

It is necessary to get pure stock, as carelessly-selected stock is apt to have many runners in it. Packet 10 cents, pint 20 cents, quart 40 cents, peck \$1.25, bushel \$4.50.

AMERICAN WONDER.—This variety is very early, and very valuable to sow for succession. Its quality is delicious, equal to the Champion of England; can be planted very close, and easily picked, as the pods grow on the upper and outside of the vine. It wants good cultivation. One of the earliest wrinkled sorts; grows about 9 inches high, and is covered with well-filled pods, often containing 7 or 8 tender and sweet peas. We offer none but the true stock; unexcelled by any. Packet 10c., pint 20c., quart 40c., peck \$1.50.

McLEAN'S LITTLE GEM.—Seed green, wrinkled; height 1 foot; second early; very prolific and excellent flavor; especially recommended for family garden. Pkt. 10 cts., pint 20 cts., quart 40 cts., peck \$1.50.

PRIDE OF THE MARKET.—Seed green; a week earlier than the Stratagem, but resembling it in habit of growth; the foliage and pods are, however, of a deeper green; the pods are 5 to 7 inches in length and well-filled with very large peas, and is rapidly becoming a favorite market gardeners' sort; height 1½ feet. Pkt. 10 cents, pint 25 cents., quart 40 cents.

ABUNDANCE (Bliss).—Seed green, wrinkled; height 20 inches time of ripening, medium. The chief characteristic of this pea is its remarkably strong, vigorous, branching habit and unusual productiveness, often sending out 3 or more branches; pods of fair size, well filled with peas of good quality. For those wishing a pea of unusual productiveness and of good quality they are in every way desirable. Packet 10 cents, pint 20 cents, quart 40 cents, peck \$1.50.

BLISS'S EVER-BEARING.—Vine, 18 inches to 2 feet; pods 3 to 4 inches long, each pod containing 6 to 8 wrinkled peas; size of peas very large, half an inch and over



AMERICAN WONDER PEAS.

in diameter; quality very fine. Its growth is of a peculiar branching character, forming as many as 10 stalks from a single root stalk. The branches are of an extraordinary strength and substance, so that when hilled up properly they stand up well, without brushing. For continuance of bearing this variety is notable—a characteristic which gives it especial value for late summer and autumn use. After repeated pickings, the vines continue to be covered with blossoms and buds developing to maturity in turn. Sow thin. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., pk. \$1.50.

STRATAGEM.—Seed green, square, wrinkled; height 2 feet; vigorous, branching habit; remarkably luxuriant foliage; leaves unusually large-sized; under favorable conditions an enormous cropper; pods long, well filled with from 7 to 9 peas of the largest size, extra fine quality. Not only one of the most elegant and showy peas in cultivation, but the most desirable acquisition of its class for the last number of years. Sow very thin in the drills, say 4 inches apart. Pkt. 10c., pt. 30c., qt. 50c., pk. \$2.00.

TELEPHONE.—Seed green, wrinkled; peculiar light shade of green; fairly productive; pod unusually large size, elegant shape, slightly curved, well filled with peas of large size, good quality; slightly earlier than Champion of England. A most desirable variety. Packet 10 cts., pint 25 cts., quart 50 cts., peck \$2.00.

CHAMPION OF ENGLAND.—A standard variety; very productive; sow thick. Packet 10 cents, pint 20 cents, quart 40 cents, peck \$1.50.

YORKSHIRE HERO.—Must be sown very thin in the row; is extensively used for market purposes, but will be superseded by such varieties as Long Island Mammoth, Stratagem, Telephone, etc., but is still a fine pea; delicious flavor, and very handsome in appearance. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., pk. \$1.50.

LONG ISLAND MAMMOTH.—Seed green and wrinkled; height 3½ feet. This pea is a general and universal favorite with the Long Island market gardeners (where it was originally introduced), being an excellent cropper. Pods being large size and well filled with peas of very good quality, and earlier than the Champion of England. We particularly recommend this variety for market use. Packet 10 cents, pint 25 cents, quart 50 cents, peck \$1.75, bushel \$7.00.

From seed bought of us one of our neighbors, a market gardener, marketed from 1 bushel of Long Island Mammoth Seed 100 bags of Peas, 2 bushels to the bag.

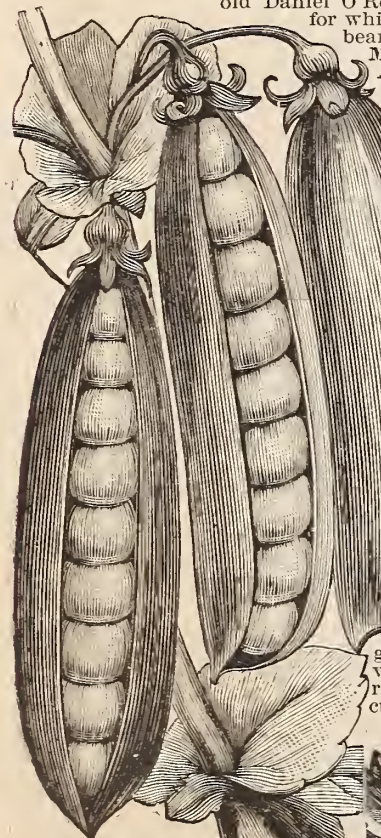
From 5 bushels planted, another man sold \$800.00 worth of Peas. They are the heaviest croppers we ever saw.

McLEAN'S LITTLE GEM.—Seed green, wrinkled; height 1 foot; second early; very prolific and excellent flavor; especially recommended for family garden. Pkt. 10 cts., pint 20 cts., quart 40 cts., peck \$1.50.

PRIDE OF THE MARKET.—Seed green; a week earlier than the Stratagem, but resembling it in habit of growth; the foliage and pods are, however, of a deeper green; the pods are 5 to 7 inches in length and well-filled with very large peas, and is rapidly becoming a favorite market gardeners' sort; height 1½ feet. Pkt. 10 cents, pint 25 cents., quart 40 cents.

ABUNDANCE (Bliss).—Seed green, wrinkled; height 20 inches time of ripening, medium. The chief characteristic of this pea is its remarkably strong, vigorous, branching habit and unusual productiveness, often sending out 3 or more branches; pods of fair size, well filled with peas of good quality. For those wishing a pea of unusual productiveness and of good quality they are in every way desirable. Packet 10 cents, pint 20 cents, quart 40 cents, peck \$1.50.

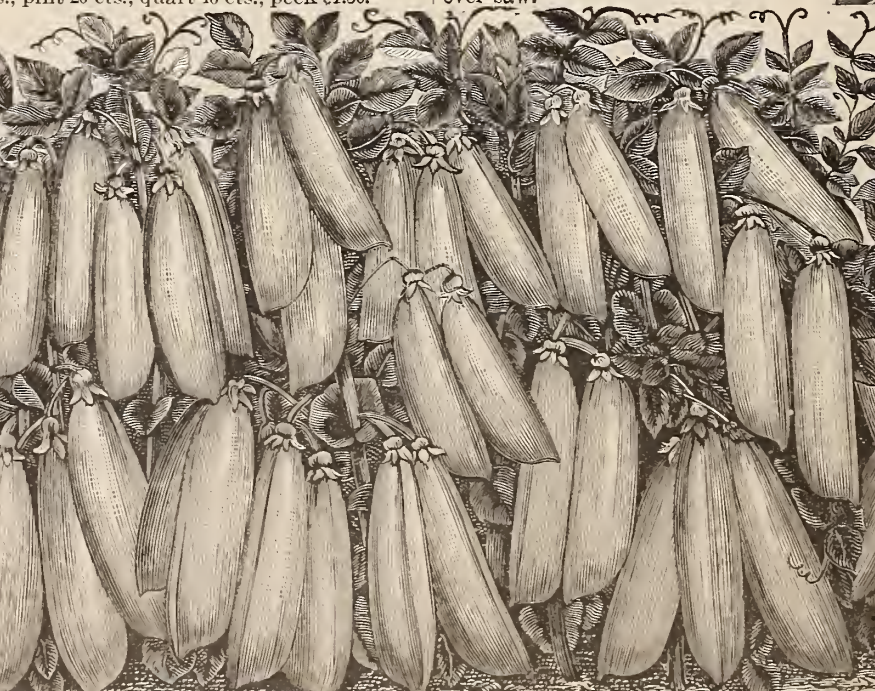
BLISS'S EVER-BEARING.—Vine, 18 inches to 2 feet; pods 3 to 4 inches long, each pod containing 6 to 8 wrinkled peas; size of peas very large, half an inch and over



LIGHTNING PEA PODS.



STRATAGEM.



LIGHTNING PEAS.

LIGHTNING Peas have proved themselves the earliest, heaviest cropper, and most reliable for first early Pea there is. This is the universal report we have from our best gardeners.

Our **ADVANCERS** are a special strain absolutely free from runners, and the best market gardeners' stock you can get.

AMERICAN WONDER is a delicious Pea; can be had very early; also for succession of fresh crops. It requires good cultivation to develop its best qualities.

Rev. Henry Ward Beecher once said this Pea was equal in quality to the Champion of England, and he would plant no other. Though introduced several years ago by B. K. Bliss & Sons, this is still one of the best selling and most popular Peas.

Jas. M. Ward, Chattanooga, Tenn., writes us: The True American Wonder Pea, bought of you, excelled anything I ever saw.

ALPHA.—Also requires good cultivation.

HALLOCK'S COLLECTION OF RADISHES FOR ALL THE YEAR ROUND.



RADISHES.

Earliest Carmine Forcing. Pkt. 10c. oz. 15c. 1/4-lb. 30c. lb. \$1.
 Ear. Scarlet Erf. Turnip. Pkt. 5c. oz. 10c. 1/4-lb. 25c. lb. 75c.
 Wood's Early Frame. Pkt. 5c. oz. 10c. 1/4-lb. 20c. lb. 65c.
 Earliest Carmine Olive. Pkt. 10c. oz. 15c. 1/4-lb. 30c. lb. \$1.
 Early Scarlet Turnip. Pkt. 5c. oz. 10c. 1/4-lb. 25c. lb. 65c.
 Early Scarlet Turnip, Wh.-T. Pkt. 5c. oz. 10c. 1/4-lb. 20c. lb. 80c.
 White Turnip. For summer. Packet 5 cents, ounce 10 cents, 1/4-lb. 25 cents, lb. 80 cents.
 White Olive-Shaped. Pure, white, early, mild. Pkt. 5 cts., oz. 10 cts., 1/4-lb 20 cts., lb. 70 cts.
 French Breakfast. Delicious, table sort. Pkt. 5 cts., oz. 10 cts., quarter-pound 20 cts., lb. 65 cts.
 Half Long Deep Scarlet. Popular South. Pkt. 5 cts., oz. 10 cts., quarter-pound 25 cts., lb. 80 cts.
 Beckert's Chartier. Long, tender, excellent. Pkt. 5 cts., oz. 10 cts., quarter-pound 20 cts., lb. 65c.
 Early Long Scarlet Short-Top. Long, tender. Pkt. 5 cts., oz. 10 cts., quarter-pound 25 cts., lb. 65c.
 White Vienna. Long, snow-white, excellent. Pkt. 5 cts., oz. 10 cts., quarter-pound 20 cts., lb. 70 cts.
 California Mammoth White Winter. Pkt. 5 cts., oz. 15 cts., quarter-pound 30 cts., lb. \$1.00.
 Chinese Rose Winter. Delicious, tender. Pkt. 5 cts., oz. 10 cts., quarter-pound 25 cts., lb. 90 cts.
 White Strasburg. Summer sort, crisp, tender. Pkt. 5 cts., ounce 10 cts., 1/4-lb. 25 cts., lb. 80 cts.
 Giant Stuttgart. Summer and autumn, ready in 6 weeks. Pkt. 5 cts., oz. 10c., 1/4-lb. 25c., lb. 80c.
 Rat-Tailed, or Raphanus Caudatus. Edible pods, pickled or raw. Pkt. 10 cts., ounce 40 cts.

EARLIEST CARMINE FORCING RADISH (Private Stock).—The earliest variety in cultivation; a decided improvement upon the ordinary Scarlet Turnip; valuable alike for forcing or general sowing. It is the earliest strain for forcing or outside planting, and is used extensively around New York for forcing purposes with great success. Packet 10 cents, ounce 15 cents, 1/4-pound 30 cents, pound \$1.00.

EARLIEST SCARLET ERFURT TURNIP.—The earliest variety in cultivation; a decided improvement upon the ordinary Scarlet Turnip; valuable alike for forcing or general sowing. Per packet 5 cts., ounce 10 cts., 1/4-pound 25 cts., pound 75 cts.

WOOD'S EARLY FRAME.—Long, red, crisp and pleasant; for forcing. Packet 5 cents, ounce 10 cents, pound 65 cents.

EARLY SCARLET TURNIP.—Round; scarlet; small, short top; mild and crisp. Packet 5 cents, ounce 10 cents, pound 65 cents.

EARLY SCARLET TURNIP, WHITE-TIPPED.—This strain is much superior to the old scarlet turnip. It is early, crisp, tender, and fine flavor; beautiful appearance; decidedly the best of the Turnip Radishes. Packet 5 cents, ounce 10 cents, pound 80 cents.

WHITE TURNIP.—For summer; bulb similar to the preceding; skin white; flesh sweet and pure white and semi-transparent; some days later than the Scarlet. Pkt. 5c., oz. 10c., lb. 80c.

EARLIEST CARMINE OLIVE.—Used for forcing; very early, quick grower; small top; sweet and tender. Packet 10 cents, ounce 15 cents, 1/4-pound 30 cents, pound \$1.00.

FRENCH BREAKFAST.—Pink and white; olive or oval-shaped; very early, excellent outside, or forcing; a favorite family variety. Packet 5c., ounce 10c., 1/4-pound 20c., pound 65c.

HALF-LONG DEEP SCARLET.—Flesh bright and crisp; early; very popular in New Orleans market. Packet 5 cents, ounce 10 cents, 1/4-pound 20 cents, pound 80 cents.

WHITE OLIVE-SHAPED.—Beautiful olive-shaped, pure white; early; flesh mild and crisp; very good sort. Packet 5 cents, ounce 10 cents, 1/4-pound 20 cents, pound 70 cents.

BECKETT'S CHARTIER.—Beautiful crimson-rose color, changing to pure white near the tip. It is early, but will keep tender and crisp a remarkably long time; grows large and tender. Packet 5c., ounce 10c., 1/4-pound 25c., pound 80c.

WHITE VIENNA or LADY FINGER.—Excellent long white; flesh and skin snow-white; tender, quick-growing; crisp and pleasant. Packet 5c., ounce 10c., 1/4-pound 20c., pound 70c.

EARLY LONG SCARLET SHORT-TOP.—Long scarlet; very crisp and tender; rapid grower; a favorite garden and market sort. Packet 5c., ounce 10c., 1/4-pound 25c., pound 65c.

CHINESE ROSE WINTER.—A midsummer, fall and winter sort. Sow from July to September; lovely scarlet-rose color; very meaty, smooth and tender; a long, oval or stump-rooted; *extra fine*. Packet 5 cents, ounce 10 cents, 1/4-pound 25 cents, pound 90 cents.

WHITE STRASSBURG.—Summer sort can be planted throughout the summer months; a quick grower; flesh firm, crisp and sweet; roots are large, snow-white, oblong. Packet 5c., ounce 10c., 1/4-pound 25c., pound 80c.

CALIFORNIA MAMMOTH WHITE WINTER.—Introduced by the Chinese. Although growing to an immense size, its white, solid flesh is remarkably delicate and sweet. Per pkt. 5c.; oz., 15c.; 1/4-lb., 30c.; lb., \$1.00.

GIANT STUTTGART.—Large white turnip-shaped; ready for use about 6 weeks after sowing; a summer and autumn sort. Packet 5 cents, ounce 10 cents, 1/4-pound 25 cents, pound 80 cents.

RAT-TAILED RADISH.—Pods only are used for eating raw or pickling; a curiosity. Packet 10 cents.

EARLIEST CARMINE FORCES IN 21 DAYS

HALLOCK'S NEW AND BEST SQUASHES.

SIBLEY SQUASH.—The flesh is solid, thick, a vivid, brilliant orange in color, and is possessed of rare edible qualities. The weight ranges from 8 to 11 pounds. It ripens its fruit simultaneously with the Hubbard. Pkt. 10c., ounce 20c., pound \$2.00.



SIBLEY SQUASH.

EARLY WHITE BUSH SCOLOPED.—A very early and excellent market variety. Packet 5 cents, ounce 10 cents, 1/4-pound 25 cents, pound 75 cts.

EARLY WHITE BUSH SCOLOPED (Private Stock).—Pkt. 5 cents, ounce 10 cts., 1/4-pound 30 cts., pound \$1.00.

EARLY BUSH SUMMER CROOKNECK.—A very fine summer variety; early and productive. Packet 5 cents, ounce 10 cents, quarter-pound 25 cents, pound 75 cents.

FALL or WINTER CROOKNECK.—Extensively grown in the Eastern States; flesh close-grained, sweet, and of fine flavor. Pkt. 5 cents, ounce 10 cents, quarter-pound 25 cents, pound 75 cents.

PERFECT GEM.—Excellent as a summer squash. It is of a creamy-white color; thin-skinned, with fine-grained, sweet-flavored flesh; very productive, and of excellent keeping qualities. Packet 5 cents, ounce 10 cents, quarter-pound 30 cents, pound \$1.00.

HUBBARD.—The best table squash yet known, good specimens being about equal in quality to the Sweet Potato. It has a hard shell, and with the same care will keep



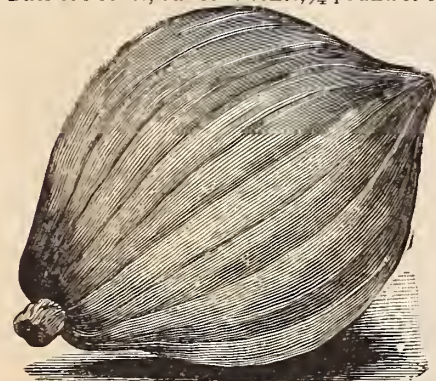
HUBBARD SQUASH.

3 months later than the Marrows. Packet 5 cents, ounce 10 cents, pound 80 cents.

IMPROVED HUBBARD SQUASH (Private Stock).—We have received a limited stock of this well-known green Squash from a grower in Vermont, who has made a specialty of it for many years. It is acknowledged throughout the New England States as the purest and finest strain in the market. Pkt. 5 cents, ounce 15 cents, pound \$1.25.

EXTRA EARLY ORANGE MARROW.—Quite distinct; very early, and of most delicate flavor; for fall and winter. Ounce 10 cents, pound \$1.00.

COCOANUT.—An excellent and beautiful little squash, highly prized for its very ornamental appearance, as well as for its fine-grained, well-flavored flesh and great hardness. It is very prolific, yielding from 6 to 12 to a vine. (See picture of Coconut on top of cut part of Iron Mask. Packet 5 cents, ounce 10 cents, 1/4-pound 30 cents, pound \$1.



ORANGE MARROW SQUASH.



BAY STATE SQUASH.

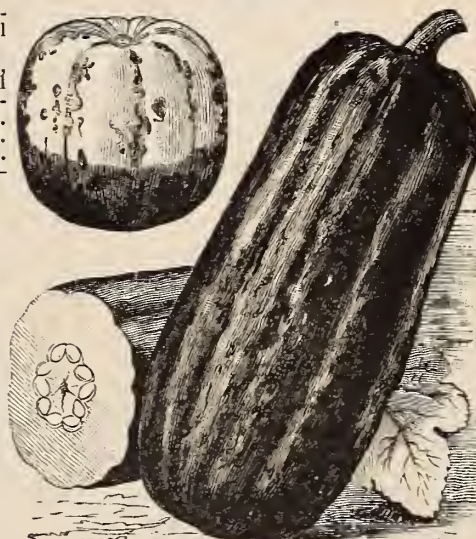


METCALF SQUASH.

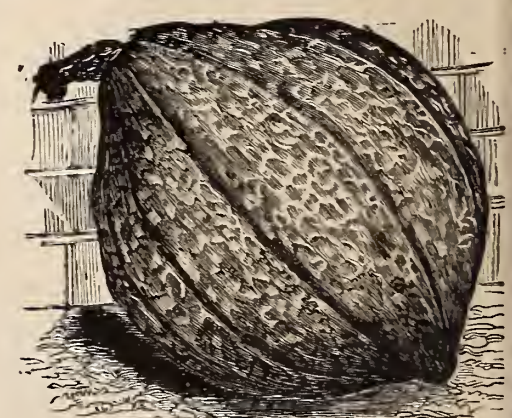
Our seed is raised in Maine, and is true and pure. Packet 5 cents, ounce 15 cents, quarter-pound 40 cents, pound \$1.50.

BOSTON MARROW.—Rind extremely thin, bright orange or salmon-colored; flesh deep orange, finely-grained, and excellent-flavored. Packet 5 cents, ounce 10 cents, pound 80 cents.

BAY STATE SQUASH.—I wish to call attention to its extreme solidity, heavy weight, fineness and dryness of grain, and sweetness of flavor. Has an extremely hard shell, giving assurance of being an excellent keeper; the shell is green; the flesh is of a bright golden yellow, and very fine-flavored; weight about ten or twelve pounds each. Packet 5 cents, ounce 10 cents, pound \$1.50.



IRON MASK SQUASH.

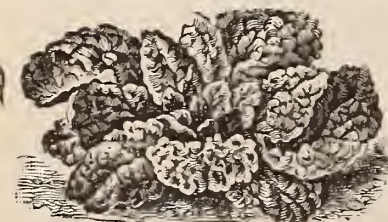


BOSTON MARROW SQUASH.

IRON MASK.—Introduced by us last year. Fine summer variety, also keeps all winter; dark outside shell, sometimes part yellow. Equal in quality to the Hubbard; immense yielder. Pkt. 15 cents.



SALSIFY



ROUND-LEAVED SPINACH.

VIROFLAY LARGE THICK-LEAVED.—The popular market variety. Good for either fall or spring sowing. Leaves large, thick, roundish, and an immense yielder. Pkt. 5c., oz. 10c., lb. 50c.

NEW ZEALAND SUMMER.—Distinct; grows well during hot weather. Packet 5 cents, ounce 10 cents, 1/2-pound 50 cents.

SALSIFY "MAMMOTH SANDWICH ISLAND."—This variety originated in the Sandwich Islands; of enormous size; it is very tender. Pkt. 10c., oz. 25c., lb. \$3.00.

LONG WHITE FRENCH.—Pkt. 5, oz. 20, 1/2-lb. \$1.

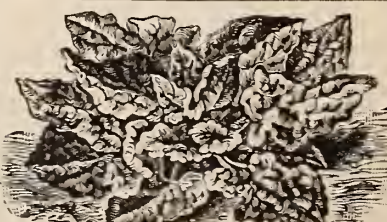
SPINACH. Quantity of seed required, 1 ounce for 100 feet of drill.

ROUND-LEAVED.—The standard variety, with round, fleshy leaves. Pkt. 5c., oz. 10c., lb. 50c.

BLOOMSDALE, or NORFOLK SAVOY-LEAVED.—Leaves large, thick, round, wrinkled; a favorite among Southern truckers. Our stock is American-grown. Packet 5c., ounce 10c., pound. 50c.



LONG-STANDING, THICK-LEAVED.



NORFOLK SAVOY.

LONG STANDING ROUND THICK LEAVED.—Dark green; the longest standing before going to seed. Packet 5 cents, ounce 10 cents, pound 50 cents.

SCORZONERA, or BLACK OYSTER PLANT. A very wholesome and agreeable vegetable, cultivated like salsify, which it closely resembles. The roots should not be scraped, but simply washed, boiled tender, then peeled and served like asparagus. Packet 5 cents, ounce 20 cents, 1/4-



SCORZONERA.

pound 60 cents, pound \$2.00. Be sure and include some of these odd plants on your order. They are easily prepared for cooking.

HALLOCK'S GUARANTEED TURNIP SEED.

	pkt. oz.	1/4 lb.	lb.
Extra Early Purple Top Milan—Earliest of all, . . .	.05	.10	.25 .70
White Model—Snow-white globular, . . .	.05	.10	.20 .60
Early White Flat Dutch—White, early, . . .	.05	.10	.20 .50
Improved Purple Top—Strap leaf, fall variety, . . .	.05	.10	.20 .55
Early Snowball—Snow-white, quick growth, . . .	.05	.10	.20 .50
Early Purple Top Munich—Early, . . .	.05	.10	.20 .50
White Globe—Strap leaved, globe-shaped, . . .	.05	.10	.25 .60
White Egg—Egg-shaped, white, fall, . . .	.05	.10	.20 .50
Red Top Globe—Extra for table and market, fall, . . .	.05	.10	.20 .50
Southern Prize—For South, fine for salad, . . .	.05	.10	.20 .50
Seven Top—Very hardy for South, . . .	.05	.10	.20 .50
Large White Norfolk—Stock or market, South, . . .	.05	.10	.20 .50
Amber Globe—Good in the South, . . .	.05	.10	.20 .50
Cow Horn, . . .	.05	.10	.20 .50
Orange Jelly—Very handsome, . . .	.05	.10	.20 .50
Pomeranian White Globe—For table or stock, . . .	.05	.10	.20 .50
Sweet German, . . .	.05	.10	.25 .60
Improved Long Island Ruta Baga—Extra fine strain, . . .	.05	.10	.25 .70

All prices for Turnip seed by the pound, or less, includes postage, and the seed will be sent by mail at the prices quoted. Special prices on Club orders, Gardeners' orders, or large orders of any sort for our Turnip Seeds. **One ounce will sow 150 feet of drill.**

CULTURE.—Sow from middle of July to end of September, in well-prepared ground. Turnips are generally sown broadcast, but larger crops are obtained by cultivating in drills two or two and a half feet apart, and thinning to six inches in the drill. It is much the best to roll the ground after sowing, as there will be a much greater certainty of getting a good stand by so doing. Ruta Bagas should be sown in July or early in August, in drills two to three feet apart, and thinned out to nine inches. For salad for winter and spring use, sow in August or September. Sow one and one-half pounds of seeds per acre in drills, or two pounds broadcast for Turnips, and three to four pounds for salad.

GENERAL LIST OF TURNIPS.

WHITE MODEL.—A spring and fall variety that is snow-white and perfect in shape; as its name implies, it is a perfect "model." It is sweet, and quick in maturing. Packet 5 cents, ounce 10 cents.

EXTRA EARLY PURPLE-TOP MILAN.—This is the earliest of all Turnips, and about the only one suitable for forcing. It also does well for the first crop out of doors, and frequently will form roots so early as to escape the maggot. Packet 5 cents, ounce 10 cents, two ounces 15 cents.

EARLY WHITE FLAT DUTCH.—Strap-leaved. A very popular market variety. Grows quickly, comes early, clean, white skin, and flesh of juicy, mild flavor, and excellent quality. For early summer use, sow early in the spring, and again in July and August for autumn use. Packet 5 cents, ounce 10 cents.

IMPROVED PURPLE TOP.—Strap-leaved. This is a fine variety, and is rapidly becoming a favorite for table use. Form round, flat, medium size, very small top, with but few leaves, which are entire and of upright growth, resembling horse-radish leaves in shape; flesh fine-grained and tender; a purely American variety. Packet 5 cents, ounce 10 cents.

EARLY SNOWBALL OR SIX WEEKS.—This variety is of globe shape, with single tap-root. The flesh is white as snow, very solid, and fine-grained. Packet 5 cts., ounce 10 cts.

EARLY PURPLE TOP MUNICH.—A very handsome early turnip. Color white, with bright purplish-red top; of fine quality when young, but becoming bitter with age. We can recommend this variety as one of the best for first crop out of doors. Packet 5 cts., ounce 10 cts.

WHITE GLOBE.—Strap-leaved. The bulb produced by this new variety is of a perfect globe shape, about six inches in diameter, with smooth, white skin; flesh pure white, firm, and crisp; leaves long, erect, entire, and of a clear ting. The roots are remarkably quick in their growth, and take the globular shape at a very early stage. A very handsome and valuable variety. Packet 5 cents, oz. 10 cents.

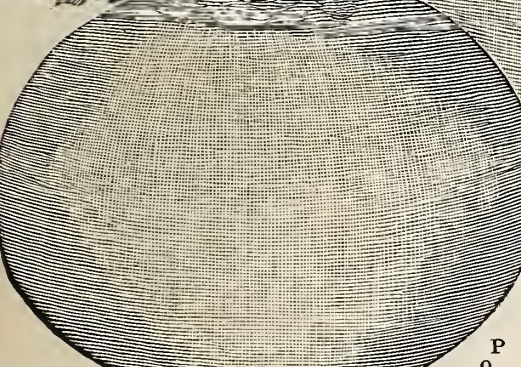
WHITE EGG.—A quick-growing, egg-shaped, perfectly smooth, pure-white variety, growing half out of the ground, with small top and rough leaves. Its smooth, white skin and quick growth, makes it particularly adapted for fall market purposes. The flesh is very sweet, firm, and mild, never having the rank, strong taste of some varieties. Packet 5 cents, ounce 10 cents.

RED TOP.—Globe-shaped. This variety was introduced by J. M. Thorburn & Co. It is little known outside of the New York market, but it is the best of all the varieties of this class. It is grown more largely and liked better by our Long Island gardeners than any other kind. Its best for market is early fall and winter. It is an immense medium to large, the whole crop growing very uniform in size. Very handsome, globe-shaped, with striking reddish-purple top, scarcely any fine roots. Flesh fine, and white as snow. Quality the best of all, and seldom varies, like most turnips. Flesh tender, fine, and smooth as a banana; sweet and delicious; a good keeper. Packet 5 cents, ounce 10 cents.

MOST POPULAR VARIETIES IN THE SOUTH

SOUTHERN PRIZE.—A valuable new variety, producing large white turnips of first-class variety. Very hardy, and the best of all for making salad. Will withstand the coldest weather without any protection. Very popular with all who have grown it. Packet 5 cents, ounce 10 cents.

THE "SEVEN TOP," OR FOR-ESTER TURNIP OF THE



SOUTH.—This, the hardest of all sorts, may be left standing in the open ground during winter as far north as Philadelphia. In the Southern States it yields in the spring abundant foliage for boiling with cured meats, and is in much demand for this purpose and salads. Packet 5 cts., oz. 10 cts.

LARGE WHITE NORFOLK.—A standard market variety, very extensively grown, both for stock and market. It is sweet and very productive. The tops make a fine salad in the spring, if protected during the winter. Packet 5 cents, ounce 10 cents.

AMBER GLOBE.—One of the best varieties for general crop. Flesh very firm and sweet, and keeps well until spring. Grows to a large size and is excellent both for stock or table use. Pkt. 5 cts., oz. 10 cts.

COW HORN OR LONG WHITE.—This variety is carrot-like in form, growing nearly half out of the ground, and generally slightly crooked. It is pure white, except a little shade of green near the top. It is delicate and well flavored, of very rapid growth, and has obtained considerable favor as a market sort for fall and winter use. It is increasing in demand every year. Packet 5 cents, ounce 10 cents.

ORANGE JELLY, or ROBSON'S GOLDEN BALL.—Undoubtedly among the most delicate and sweetest yellow-fleshed turnips yet introduced. Not of large size, but firm, hard, and of most excellent flavor. Keeps well, and as a table variety is superior. Packet 5 cents, ounce 10 cents.

POMERANEAN WHITE GLOBE.—Strap-leaved. This is a free-growing, rough-leaved sort, useful for



IMPROVED LONG ISLAND RUTA BAGA.—This stock has been grown and improved for years, with a view to meet the wants and desires of our market gardeners and their customers. It is fine form. Purple top and yellow flesh of very pleasing color. Flesh tender and sweet; exceptionally free from stringy, hard flesh. Very few small roots, top fine, sure and heavy cropper, excellent keeper. Packet, 5 cents, ounce 10 cents.



TOBACCO PLANT.

both table and stock, and may be highly recommended for both purposes. We have succeeded in establishing a strap-leafed variety, and now offer it to the public as an acquisition of value. Packet 5 cents, ounce 10 cents.

SWEET GERMAN.—This is probably the best and winter use, and is much superior to the ordinary Ruta Baga. Those who have not tried it, will be agreeably disappointed in its quality, as it is not an attractive-looking sort. In New England it is grown to the exclusion of all other kinds, on account of its fine quality. Packet 5 cents, ounce 10 cents, two ounces 15 cents.

TOBACCO ACCO.

PERSIAN TOBACCO.—It is one of the earliest varieties we have. Of remarkably strong and vigorous growth, attaining the height of 5 to 7 feet. Pkt. 15c., oz. 40c., 1/4-lb. \$1.25, lb. \$4.00.

YELLOW OROKOKO.—Grown for more than 40 years, with reference to the production of yellow stock. Pkt. 10c., oz. 25c., 1/4-lb. 85c., lb. \$3.

HESTER.—It thoroughly recommends itself in its greater adaptability over a wider range of soils than any other of the yellow varieties, and may, on this score, be considered the surest. Packet 10c., ounce 25c., pound \$3.

BIG OROKOKO.—An old variety, and a good, tried one. Large, broad, finely-shaped leaf; for strips and dark wrappers has no equal. Packet 10 cts., ounce 25 cts., pound \$3.

STERLING.—The newest and brightest of the yellow type, and being the earliest to ripen, is surest in localities liable to early frosts. Packet 10 cts., ounce 30 cts., pound \$3.00.

Our illustration shows a plant and single fruit of Volunteer Tomato. No core, very early, when first fruiting ripening more abundantly than other sorts, a great advantage to market gardeners.

TOMATO.

Quantity of seed required, one ounce for 1500 plants. There is no more useful, profitable, or esculent vegetable grown than the Tomato. Neither is there one more generally neglected. The fact of its doing moderately well under poor or ordinary cultivation, has a tendency to deprive it of the care and attention it so justly deserves. The tomato is a gross feeder, as may be seen by its rampant growth. It therefore requires generous treatment, which means a deep, rich soil, in order to give its underground growth an equal chance with the fruit-bearing parts. To grow the Tomato to perfection the soil should be dug out to the depth of 2½ feet, and at the bottom there should be a half-bushel of well-rotted manure, that from the cow-stable having the preference; above this, let the soil be about equal parts of good garden loam and manure thoroughly mixed. Let the hills be 6 feet apart, and furnish a light, cheap trellis for the plants' support. Let the situation be open, warm, and airy; under these conditions, 6 plants will furnish sufficient tomatoes for a family of 12 persons. Whatever variety may be planted in this manner, the result will show specimens for size, smoothness, and esculent properties unknown to the parent when grown in the ordinary manner.

VOLUNTEER TOMATO (Private Stock).—When we introduced this tomato last year, we were just as confident that it would take the leading place among tomatoes as we are now, after another year has more fully demonstrated the fact to a greater number of people, who now stand fully convinced. So many poor tomatoes have been put on the market under such brilliant descriptions and claims, that we were willing to have this variety stand on its merits, and become known from its superior practical value. We fully believe this is the very best tomato for market and table use. It is the earliest good tomato without doubt; a heavy, continuous bearer; a showy, bright-red color; weighs from 6 to 10 ounces, making it the most desirable size for all uses; flavor is remarkably pleasant, being superior to any large tomato we know; the pulp and side walls are firm, tender, and entirely free from hard matter. For canning it is perfect. Packet 15 cents, quarter-ounce 50 cents, half-ounce 75 cents, ounce \$1.50. The above seed is raised by the originators, Messrs. Reed & Funnel.

VOLUNTEER TOMATO.—Raised by us. Packet 10 cts., quarter-ounce 15 cts., half-ounce 25 cts., ounce 40 cts.

EXTRA EARLY ADVANCE.—Fruits are large, bright-red, solid, without green core. Heavy cropper; bears all season. Pkt. 10c., oz. 30c., ¼-lb. \$1.1b.\$3.

The VOLUNTEER

Messrs. V. H. Hallock & Son:—The Volunteer Tomato I planted has fully convinced me that it is all you claim for it. I could sell them for one-third more than any other kind, and always found a ready sale while others did not sell at all. W. H. Queens, N. Y.



THE PEACH TOMATO

PEACH TOMATO.—This Tomato represents one of the strangest freaks of nature we know of; and the strangest part of it is, that it is unlike most strange things by being remarkably good. It strongly resembles a medium-sized peach in size, form and color. Its fruity appearance is further carried out by the texture of the flesh. There is no glossy outside skin, but a firm fleshy texture that makes it unnecessary to peel. The entire fruit is tender, and entirely free from any core or hardness around the stem. In appearance it is striking and extremely handsome, but few people ever imagine it is a Tomato. For quality it is so far superior to any Tomato we have, there is nothing to compare it with in this line. It has a delicious, fruity flavor, slightly tinged with a sub-acid Tomato flavor. It can be eaten from the hand like a peach, and with equal relish. For preserves and all other uses it is equally desirable. Packet 10 cents, eighth-ounce 25 cents, quarter-ounce 50 cents, ounce \$1.00.

MATCHLESS TOMATO.—Another new and distinct variety, with great claims for public favor. It is early, of beautiful and uniform shape and good size; very dark red, and possesses extraordinary keeping qualities, which will make it valuable for shippers and market gardeners. Pkt. 10 cents, ounce 30 cents, quarter-pound \$1.00, pound \$3.00.

CLIMAX TOMATO.—A variety of recent introduction, claimed to be one of the finest varieties grown. The Tomatoes are of a deep, rich "Acme" color, perfect in shape and remarkably solid. Packet 10 cents, ounce 40 cents, quarter-pound \$1.00.

CARDINAL.—This is a beautiful Tomato, being of a brilliant cardinal-red, very glossy looking when ripe, the flesh of the same brilliant color; ripens evenly through, having no hard, green core, like many others; in shape it is round and smooth and solid. Packet 5 cents, ounce 25 cents, pound \$2.00.



TROPHY (Selected).—One of the best standard varieties; fruit large, smooth, bright-red, solid, and good flavor; unsurpassed for all purposes, Packet 5c., ounce 30c., pound \$3.
ACME.—Very productive; round, smooth, uniform, delicious in flavor; a good shipper. Packet 5 cents, ounce 25 cts., pound \$3.00.

The dish of Peach Tomatoes is photographed from life,—1/3 natural size. The cluster of 3 is nearly life-size. The most delicious eating Tomato ever raised. Every garden must have them.

DWARF CHAMPION TOMATO.—Entirely distinct from any other sort. The plant grows stiff and upright, with very thick and short-jointed stems. This compactness of growth it retains, in all stages, throughout the season. It can be planted as close as three feet, and still allow sufficient space to gather the fruit without inconvenience. The foliage is a very dark green in color, thick and corrugated, and differing in form from that of other sorts. It has proven itself remarkably early, ripening fruit as early as July 1st. From a plot containing 500 plants, 2 bushels of ripe fruit were gathered July 4th, when other varieties, grown under exactly similar conditions, barely showed signs of ripening. It will yield double the quantity of extra-early fruit per acre that can be obtained from any other Tomato. This is an important item, considering that the very early fruit always realizes high prices. Pkt. 10c., 1/4-oz. 15c., oz. 45c., 1/2-lb. \$1.50, lb. \$5.00.

LIVINGSTON'S BEAUTY.—One of the finest varieties extant, fruit large and smooth, thick-skinned and not liable to crack, and holds its size well until late in the season; glossy crimson in color. Packet 10 cents, ounce 30 cents, pound \$3.00.

LIVINGSTON'S FAVORITE.—One of the most perfect-shaped Tomatoes grown; very smooth; darker than the perfection; ripens evenly, and quite early; noted for its good shipping and market garden qualities. Packet 5 cents, ounce 25 cents, pound \$2.50.

LIVINGSTON'S PERFECTION.—Very large and early; blood-red; perfectly smooth; thick meat; few seeds; a good shipping sort. Packet 5c., ounce 25c., pound \$3.00.

OPTIMUS.—Resembles the Favorite in appearance, but is more uniform in size and shape; flesh is of a crimson scarlet and bears its fruit in clusters of five; a prodigious cropper, and very valuable. Packet 5 cents, ounce 25 cents, pound \$2.50.

PARAGON.—Vine very large, vigorous and productive, and continuing so until killed by frost. Fruit large, round, of a very dark, rich crimson-scarlet color, with occasionally a purplish tinge. It ripens up evenly, and the flesh is thick and fine-flavored. Packet 5 cents, ounce 30 cents, pound \$3.00.

TURNER HYBRID (Mikado).—One of the earliest and of the largest size. The Mikado differs from all Tomatoes in its immense size. They are produced in immense clusters, and are perfectly solid, generally smooth, but occasionally irregular. The color is purplish-red, like that of the Aeme, while it has all the solidity that characterizes the Trophy. It is not unusual for single fruits of this variety to weigh from 1 pound to 1 1/2 pounds each. Its earliness is a remarkable feature in so large a Tomato, and adds to its value. Whether for slicing or for cooking purposes, the quality is excellent. The foliage of the Mikado Tomato alone will show the distinctiveness of the variety, being like a potato leaf. Packet 5 cents, ounce 25 cents, pound \$3.00.

EARLY JERSEY (Extra Early).—Good size, solid, and fairly smooth; color red, vines very close-jointed and compact, and admitting of close planting; fruit borne near the root and in clusters sometimes fifty or sixty to a vine. Very desirable as a first early. Packet 5 cents, ounce 30 cents, pound \$3.50.

EXTRA EARLY, or CLUSTER.—Long cultivated as the earliest variety; desirable only before others mature. Packet 5 cents, ounce 20 cents, pound \$2.25.

EXTRA EARLY RICHMOND.—Almost as early as the preceding; larger and smoother, a desirable variety for shipment before more approved sorts come in; a favorite in trucking districts in New Jersey. Good shipper. Pkt. 5 cts., oz. 20 cts., lb. \$2.25.

EARLY BERMUDA (Early Extra).—This is a variety shipped from Bermuda, in the early spring, to Boston, New York and Philadelphia. It is red, early, and, though not by any means a first-class tomato, has been found the most profitable of all varieties by reason of its tough rind, fitting it for long shipment; recommended to truckers. Packet 10 cents, ounce 35 cents, pound \$3.50.

NEW BRONZED-LEAVED TOMATO.—Quite distinct in growth and habit from all others; the foliage is of a dark metallic hue, while the fruit is bright red, large and solid. Packet 10 cents, ounce 30 cents.

QUEEN.—A variety specially recommended for canning, and which is grown around Baltimore for this purpose; fruit somewhat resembles the Trophy in appearance. Packet 10 cents, ounce 25 cents, 1/4-pound 80 cents, pound \$3.00.

GREENGAGE, Light Yellow.—Resembling a yellow plum in shape and color; excellent for preserving. Packet 10 cents, ounce 40 cents.

GOLDEN QUEEN.—The superior flavor of the yellow varieties is bringing them into favor as table fruit, and those who think of a yellow tomato as the rough fruit of the old yellow sort will be surprised at this beautiful fruit, it being as smooth as the best of the red varieties, and of a fine and distinct flavor. Packet 10 cts., 1/2-ounce 15 cts., oz. 30 cts.

GOLDEN TROPHY (Large and Smooth).—A bright yellow type of Trophy; large, early, solid; ripening well up to the stem; a good keeper, and, all things considered, the best yellow tomato ever introduced; of enormous productiveness. Packet 10 cents, ounce 25 cents, pound \$2.25.

IMPROVED LARGE YELLOW.—Quite solid and very handsome. Pkt. 10c., oz. 40c.

YELLOW PLUM (or Pear-shaped Yellow).—Fruit plum-shaped, clear deep yellow color, flesh yellow and fine flavored, much liked for preserves. Pkt. 5 cts., ounce 30 cts.

WHITE APPLE.—This old sort is often presented as a novelty as "Snowball," etc., but while no one should plant largely of it for market or home use, yet it is the best variety for eating from the hand as a fruit. The fruit is about one and one-half inches in diameter, round, perfectly smooth and of a yellow-white color. Flesh very mild-flavored and delicate. Packet 5 cents, ounce 30 cents.

IVORY BALL.—A small, round fruit, of one and a half inches in diameter; color, bone-white; very early and productive. Packet 10 cents, ounce 35 cents, pound \$3.50.



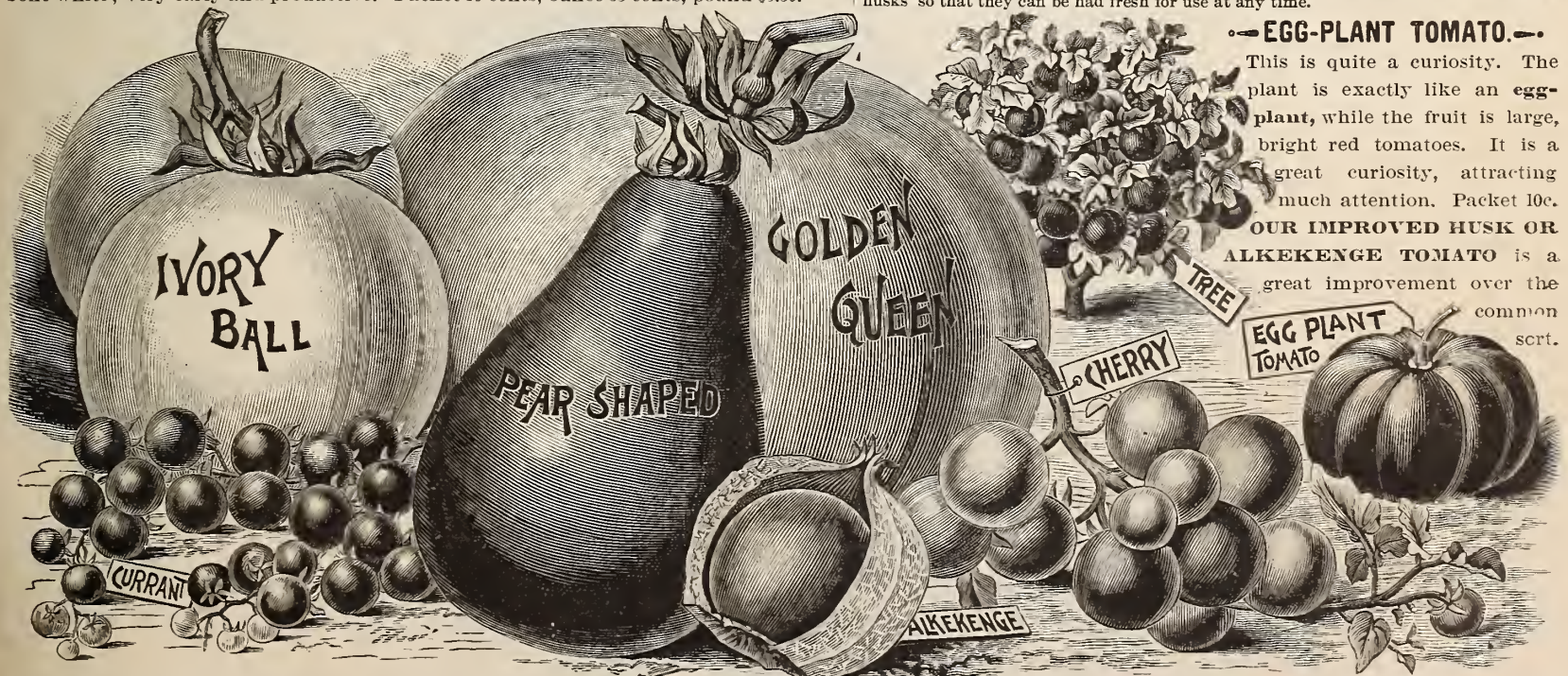
DWARF CHAMPION TOMATO.

RED PEAR-SHAPED.—Used for preserves and to make "tomato figs." Fruit bright red, distinctly pear-shape and with a peculiar flavor. Our stock is the true pear-shaped, and not the larger Red Plum tomato which is often sold under this name. Packet 5 cents, ounce 30 cents.

IMPROVED GROUND CHERRY or HUSK TOMATO.—Ours is a much improved strain of this valuable variety. The originator writes us as follows: Our attention was first called to it by an article which appeared in the Home Department of the *Chicago Inter-Ocean*, from a correspondent in Minnesota, who had grown and been improving this little vegetable for over twenty-five years, and we will quote from what she says regarding it: "One thing which with me is one of the most important of all the fruits in my cockery, I do not recollect of ever seeing named in the Home, and that is the Ground Cherry (not the wild one). They grow well on almost any dry soil, are easier raised than the tomato, and are prolific bearers, and oh! such luscious fruit. For sauce they are excellent, and for pies I know of nothing that can equal them in flavor and taste. They are just splendid dried in sugar, and they will keep, if put in a cool, dry place in the shuck, nearly all winter. I have never seen them named in any seed catalogue, and from what I learn from friends in different parts of the country to whom I have sent the seeds, they seem to be very little known. No one after raising them once will ever make a garden again without devoting a small portion at least to the Ground Cherry." Mrs. AMY L. BALDWIN.

We purchased all the seed that the above lady had, and have this year grown a large crop, so that we can supply all of our customers. It is most excellent for sauce; made into preserves with sugar, pound for pound, is fully as good as the Strawberry. Pkt. 10 cts., 1/2-oz. 40 cts., oz. 75 cts.

Directions for Cooking.—When ripe they fall to the ground. Gather and remove husks. FOR PRESERVES—To each pound fruit take a pound of white sugar, put in preserving kettle with a little water, place over slow fire until sugar is melted, then boil gently for about fifteen minutes or until fruit looks clear. Lemon may be added if desired to flavor. Dried in sugar they are superior to raisins for fruit cakes or puddings. FOR PIES—Prepare same as cherries or other small fruit, either stewing first or not, as preferred; flavor to taste. The fruit may be kept in a cool, dry place over winter in the husks so that they can be had fresh for use at any time.



—EGG-PLANT TOMATO.—

This is quite a curiosity. The plant is exactly like an egg-plant, while the fruit is large, bright red tomatoes. It is a great curiosity, attracting much attention. Packet 10c. OUR IMPROVED HUSK OR ALKEKENGE TOMATO is a great improvement over the common sort.

FANCY TOMATOES.

TREE TOMATO.—This variety was raised in the garden of Count de Fleurine. It is distinguished from all others by having a very short stem, which grows perfectly erect without any support and bears leaves which are very much curled, reticulated and of an almost blackish-green color. The fruit resembles that of the large Red. A great curiosity beside its value as a tomato, but we do not recommend it for edible purposes. Packet 10 cents, 1/4-ounce 15 cents.

RED CHERRY.—In size the same as the Yellow Cherry, only this variety is red. Very pretty, round and smooth, making a fine contrast with the Yellow Cherry. When eaten raw, not quite as highly flavored, but equally good for pickles or preserving. Packet 5 cents, 1/4-ounce 10 cents.

YELLOW CHERRY.—Fruit round and yellow, from five-eighths to three-fourths of an inch in diameter. This variety should be more generally grown than it is. It is the finest flavored of all the small-fruited sorts. It is very palatable eaten directly from the plant; very ornamental for table use; excellent to serve raw, and exceedingly fine for sweet pickles, or preserving. We especially recommend this variety as being very desirable. Packet 5 cts., 1/4-ounce 10 cts.

RED CURRANT TOMATO.—This variety resembles a large currant very much. It is a prolific bearer, and while grown mostly for ornament, it is also a good-flavored variety. Color scarlet, and fruit produced on long clusters like currants. Packet 10 cents.

WE have long made a specialty of the ASTER, offering all the finest varieties and the most extensive list in the country. Many of our strains are infinitely superior to most Aster seed offered. By sowing a succession of seed you can have flowers throughout the season.

HALLOCK'S UNEXCELLED COLLECTION OF ASTERS



HALLOCK'S FINEST MIXTURE OF ASTER SEED.—From One Hundred varieties. Packet 5 cents, eighth-ounce 25 cents, quarter-ounce 45 cents. Do not fail to plant some Aster seed.

SPECIALTIES IN ASTER SEED.

VILMORIN'S ORIGINAL CHINESE ASTERS.—Tall branching class, with very large flowers; very curious. Five cents per packet.

NEW LARGE-FLOWERING DWARF QUEEN ASTERS.—This we consider the finest class of all Asters for blooming perfectly and continuously. The dwarf, bushy plants grow only 10 to 12 inches high, and while branching very freely, the branches are all upright (not loose in habit), make a dense, compact bush—excellent for pot culture as well as for bedding. For many purposes, and particularly for culture in pots, we consider the habit of growth is more desirable than any variety heretofore introduced. Flowers are of extraordinary size, perfectly double, and resemble the finest Victoria Asters in form. On a single plant we counted 40 flowers and large buds, while many small buds were appearing. **White Queen**, spotless white. Packet 15 cts. **Crimson Queen**, delicate rosy-crimson. Packet 15 cts. One packet of each color New Queen Asters 25 cents.

NEW PEARLS OR QUEEN MARGUERITE.—This entirely new class of Asters created a sensation in France last year, and they are destined to take the front rank among Asters. They are of wonderful growth, becoming about one foot high; very profuse in bloom and branch until they form lovely pyramids. The flowers are imbricated, perfect in form, and measure as high as 1½ to 5 inches across. There are two varieties: **Pearl, Pure White.**—Packet 20 cents, three for 50 cents. **Pearl, Lovely Rose.**—Packet 20 cents, three for 50 cents.

TRIUMPH ASTER.—Scarlet, changing to a lake crimson. This is undoubtedly the most beautiful and most perfect of all dwarf Asters, both in the habit of the plants and in the form and beauty of the flowers; these average from two and a half to three inches in diameter, and are of faultless Peony form, all petals being beautifully incurved. It blooms in great profusion, changing in color as it opens from a pure scarlet to a magnificent satiny deep-scarlet Pkt. 15c., 2 for 25c.

PYGMAE ASTER.—The plant is very dwarf, and forms a beautiful tuft of leaves close to the ground, surmounted by a pyramidal cluster of bright, perfect, double flowers. The whole plant in itself is a charming bouquet. The great beauty of a border or bed of these plants of various colors is better imagined than described. They are also gems for small pots, and thrive splendidly. Choicest seed of about ten fine colors, mixed. Packet 15 cents.

LEMON GEM ASTER.—This was sent out last year as a new sort of a yellow color. We find the color hardly decided enough to be called yellow, yet it is the nearest approach to it yet seen among Asters, and is really a lovely soft-yellow tinge, in itself extremely beautiful, and unlike any other Aster. In size of flower and habit of growth it is almost identical with the Pearls, and ought to be classed as one of them. Packet 15 cents.

MIGNON ASTER.—A new white Aster of great beauty. Plants about 15 inches high, very bushy and prolific, flowers of good size, pure white reflex petals, and very double. It is splendid in pots or the open ground. Packet 10 cents.

HARLEQUIN ASTER.—A new dwarf strain of great beauty, the petals of the flowers being very irregularly colored, and the same plant often shows a great variety of blotched and streaked flowers. It is one of the latest to bloom, and is very valuable on that account. Pkt. 10 cts.

HARLEQUIN ASTER.—Blue, spotted with white, pkt. 10c. Red, spotted with white, pkt. 10c.

COMET ASTER.—(A whirlwind of beauty.) A pure, deep rose-flowered variety of the new tribe introduced last season, with very large and extremely double flowers similar to the Japanese Chrysanthemum; 15 cents.

DWARF VICTORIA ASTER.—Dark scarlet; a new color of this fine race, suitable for cutting, pot culture, or massing. Packet 15 cents.

GRAVELOTTE ASTER.—Fine deep crimson color of the Peony-flowered variety. Packet 10 cents.

DWARF PYRAMIDAL ASTER "LA BRILLIANT."—Plants pyramidal, about ten inches high, with numerous branches; flowers uniform, of a brilliant blood red; very fine. Packet 10 cts.

LILLIPUT ASTER.—Pure white; small flowered, excellent for cutting. Packet 10 cents.

NEW WASHINGTON.—Splendid; very large flowering, extra double; valuable for exhibition; mixed colors; 10 cents. **White.**—10 cents. **Peach Blossom.**—10 cents. **Light Blue.**—10 cents. **Silver Grey.**—10 cents.

WASHINGTON NEEDLE ASTER.—Light glossy purple. New and very fine variety of pyramidal growth, with needle-shaped, very double flowers of four to five inches in diameter. Packet 5 cents.

QUEEN OF THE MARKET ASTER.—Its great merit which makes it very valuable, is its early-flowering character, being in full bloom fully two weeks before any other Aster begins to blossom. The colors are deep blue, pure white, light pink, and deep rich rose. Packet 10 cents.

GERMAN QUILLED.—Most striking and distinct form. **DARK SCARLET, INDIGO BLUE, PURE WHITE, CRIMSON AND WHITE.** Finest mix'd, 5c.

METEOR.—Bright crimson. This profusely-branching plant represents a dense, globular bush 15 inches in diameter, 18 inches in height, studded with medium-sized, globular, extremely double flowers; very showy. Packet 10 cts.

SHAKESPEARE.—New dwarf, free-blooming aster of wondrous beauty. It forms a compact bush 10 or 12 in. in diameter, 6 in. high. All cols. and shades, 10c.

TRUFFAUT'S PEONY-FLOWERED PERFECTION.—Improved strain. This is the most perfect type of the Peony-flowered Asters; the habit of the plant is excellent, the flowers are perfect in quality and form, while in size and color they are very beautiful. A most popular and meritorious class of Asters.

BRILLIANT ROSE (La Superbe), SNOW WHITE, REDDISH VIOLET, SCARLET AND WHITE, GLOWING DARK CRIMSON, ALL COLORS AND SHADES, Mixed, 5 cts.

PYRAMIDAL-FLOWERED.—Fiery scarlet; extra fine. **CRIMSON AND WHITE MOSAIC. ALL COLORS AND SHADES, Mix'd, 5c.**

GIANT GLOBE.—Dark crimson. **GLOBE-FLOWERED GERMAN.**—All colors and shades mixed.

ROSE-FLOWERED.—A beautiful variety; flowers regularly imbricated, brilliant, and very double; mixed colors; two feet.

SCHILLER.—A new strain of Dwarf Bouquet Aster, with dark foliage. The plants form fine pyramids about 15 inches in height, and are of most beautiful appearance. All colors and shades, mixed, 5 cents.

PRINCE OF WALES.—Flowers very large and well formed; dark red.

HEDGEHOG, or NEEDLE.—White center. All colors and shades mixed.

GIANT EMPEROR.—Each plant produces one flower only, of an enormous size; very handsome. All colors, mixed, 10 cts. **MONT BLANC.**—A fine strain.

VICTORIA.—Height 1½ feet. One of the standard and finest types of Asters. Mixed colors, 5 cents. **SNOW WHITE.**—Perfect form. **SCARLET, INDIGO.**—Striking color. **LIGHT ROSE.**—Charming effect.

VICTORIA PYRAMIDAL BOUQUET.—In elegance of habit surpasses all other varieties, being that of a beautifully-formed pyramid, bearing ten to twenty flowers, which are perfectly double, imbricated, globular, and larger than the Peony-flowered. **WHITE, CRIMSON, PEACH BLOSSOM, DELICATE ROSE, WHITE, TINTED ROSE, FIERY SCARLET, CRIMSON AND WHITE, ALL SHADES AND COLORS, Mix'd.**

VICTORIA DWARF.—This is the finest of all the dwarf varieties. 8 to 10 in. All colors and shades, mix'd.

NEW DWARF QUILLED.—Light carmine.

HONEYCOMBED.—All colors and shades mixed.

VICTORIA QUILLED.—All colors and shades, mixed.

VICTORIA NEEDLE.—All colors and shades, mixed.

CELLULAR.—Finest mixed.

IMPROVED DWARF PYRAMIDAL BOUQUET.—A magnificent dwarf variety about one foot high. When well grown, a single plant forms a complete bouquet of pyramidal shape, covers itself with blossoms, often numbering 150 to 200 flowers, and entirely hiding the foliage. Fine for edging and small beds. **PEACH BLOSSOM, LIGHT BLUE, WHITE, DARK ROSE, BLOOD RED, ALL COLORS AND SHADES, MIXED, 5 cents.**

DWARF BOUQUET.—A charming class, 8 inches high; perfect bouquets. All cols. and shades, mix'd, 5c.

DWARF GERMAN.—Cinnabar-carmine; a new color. **DARK CRIMSON AND WHITE.**—Peony-flowered. **BRIGHT CRIMSON.**—Peony-flowered. **DARK SCARLET, BRIGHT ROSE.** All colors and shades, mixed, 10 cents.

DWARF CHRYSANTHEMUM-FLOWERED.—A splendid variety, of compact habit, very robust, and profuse bloomer. Flowering later than any other sort, it is highly prized for succession; very fine; height 10 inches. **PURE WHITE, FIERY SCARLET, FLESH COLOR, LIGHT BLUE, WHITE, changing to AZURE BLUE, SALMON RED.** All colors and shades, mixed, 5 cents.

TALL CHRYSANTHEMUM-FLOWERED.—All colors and shades, mixed, 10 cents.

CROWN OR COCARDEAU.—A very handsome variety with large flowers, the centres of which are pure white, bordered with scarlet, violet, and many other attractive colors. Two feet; finest mixed, 5 cents.

DWARF PEONY PERFECTION.—One foot; a splendid new race of the Truffaut's Peony-flowered Asters; of very compact habit, with very large and perfectly-formed flowers of the most brilliant colors; choice mixed, 5 cts.

DIAMOND ASTERS.—Extremely beautiful class of medium height (18 inches), with very fine, large flowers, densely imbricated, and of the greatest perfection. Specially recommended by the floral committee of the Royal Hort. Society, London. Pyramidal growth. Pkt. 10 cts.

COMET ASTER.

ALL VARIETIES NOT PRICED ARE TEN CENTS PER PACKET.

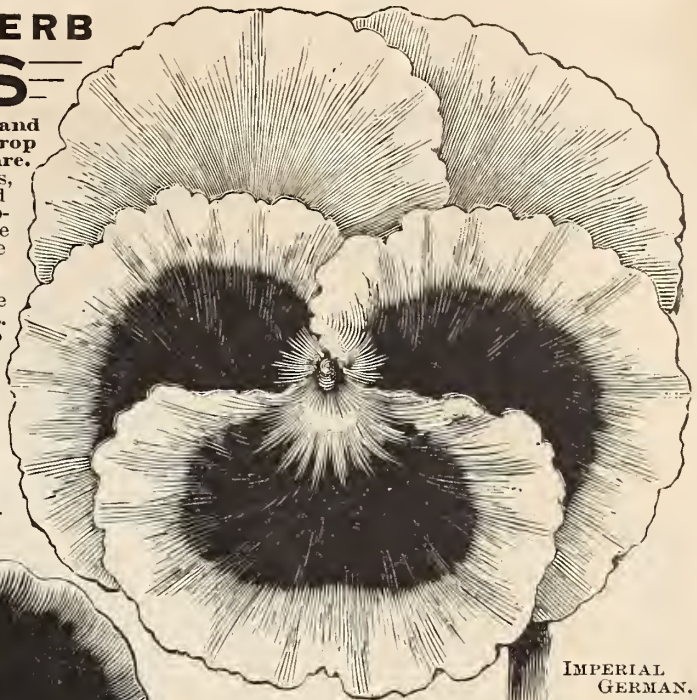
HALLOCK'S SUPERB PANSIES

Pansy seed is very scarce and high this season. The crop was almost a total failure.

We have, for many years, taken great pains and spared no expense in obtaining the very finest grade of Pansy Seed. We have now the pleasure of being sure that our "Normandie" selection has an enviable reputation, and deserves it. We are always striving to procure the best at any cost. If we find that any seed, by test, is superior, or any variety is worthy a place in our list, we at once place it there. We offer a large list of Novelties in Pansy Seed; the source from which they come stamps them with undoubted merit.



GIANT STRIPED.



IMPERIAL GERMAN.

HOW TO GROW PANSIES.

Seed may be sown in open ground or in hot-bed. Young plants produce the largest and best flowers. The plants should always occupy a cool, partially-shaded situation, and the ground cannot be too rich. Coolness and moisture are necessary. Transplant when an inch high. The Pansy, it must be remembered, likes good living. It is useless to expect the best results unless the soil is rich and friable. Pansies also like sunshine, and without it the flowers are thin and indistinctly colored. To keep them flowering all through the summer, pick off all the blooms just as they fade, so they do not form seed-pods. We shall be pleased to hear of the results from our friends. All packets of the finest and most expensive grades contain from 100 to 110 fresh, plump, sure-germinating seeds.

GIANT WHITE (with large violet eye).—New. Large, pure-white flowers, with distinct violet eye. An entirely new departure in coloring. Packet 35 cents.

CHAMELEON GIANT (White, with five large violet spots).—New. This variety is now offered for the first time. Very large flowers, with each petal distinctly and beautifully blotched with deep violet. Packet 35 cents.

NE PLUS ULTRA (Giant Five-Spotted).—This variety represents the vast improvements that have been made over the old favorite Odier's blotched. This variety has enormous flowers of perfect symmetry; firm and substantial petals, each of which are beautifully blotched with the richest deep velvety plum-crimson, beautifully bordered with white and various colors, making a striking contrast of sectional coloring and distinct hues. The best Pansies of this type. Packet 25 cents.

GIANT STRIPED.—The perfection of all the striped varieties, it will become popular very soon, as well as the Improved Striped is now; from this latter variety the Giant Striped is quite different, by the vigorous and robust growth of the plants, as well as the enormous size of flowers. Packet 35c.

GIANT TRIMARDEAU.—Bright golden-yellow. Very fine for bedding. Packet 25 cents.

GIANT TRIMARDEAU "EMPEROR WILLIAM."—The flowers are of the true, splendid ultramarine-blue color; well-defined purple-violet eye; quite distinct from any other strain. Pkt. 25c.

IMPROVED GIANT TRIMARDEAU.—All colors, mixed. This particular strain is, without doubt, 100 per cent. superior to the original Trimardeau. They are larger flowers, of form (which is very defective in the original) much finer, petals of more substance, brighter and finer colors. They run to light colors, while the originals are confined to dull purples and neutral shades. Packet 25 cents.

ORDINARY TRIMARDEAU.—Packet 10 cents.

SUPERB PRIZE PANSY "VICTORIA."—The first really brilliant-red flowering Pansy. A very distinct and quite a new variety, of sterling merit. It is the brightest and most agreeable color yet obtained in these lovely flowers. Quite different from Rubra or Red Riding-Hood Pansy. The flowers are of good size and noble form. Packet 25 cents.

BUGNOT'S.—This new French variety created a great furore among all Pansy-growers. It is said to be, without question, the most striking variety ever raised. Its one fault is that it is not a thrifty-growing variety. Immensely large, of the Giant Odier type, while the surface is covered with fine, hair-like lines. Packet 25 cents.

BUGNOT'S ZIENGIEBEL (Improved Prize Strain).—These Pansies were awarded the highest prize at the Massachusetts Horticultural Society. No such Pansies were ever seen on exhibition in this country. They are large, firm, and of brilliant colors, thickly covered with fine, hairlike lines. One of the most distinct of all varieties. We consider ourselves very fortunate in securing a small amount of this seed. Packet 35 cents.

GIANT ODIER CASSIERS.—We were about the first to introduce this remarkable strain of Pansies, and the demand was so great that we could not supply nearly all our orders. We have taken great pains to secure a goodly amount this season. It was the one and universal verdict the past season that it "was the best of all Pansies." The blooms were large and of perfect form, with the dark, deep, rich velvety blotches of the Odier type, bordered with endless varieties of colors. 3 to 3½ in. in diam. Pkt. 25c.; 5 pkts. \$1.



BUTTERFLY.



BUGNOTS.



HALLOCK'S NORMANDIE STRAIN.

NORMANDIE.—This seed is raised in hearing of the Chimes of Normandy. Nature smiles on this favored spot that produces the finest of all flowers. A fertile soil and a gentle climate bring the products of nature as near perfection as possible. This strain of seed embraces the widest range of color, form, and beauty of any offered. Packet 15 cents, 5 for 50 cts.

IMPERIAL GERMAN PANSIES.—This is the genuine German strain. For mould and perfection of form, variety and intensity of color, none equal it. The flowers are always good. Packet 15 cents, 5 packets 50 cents.

One packet each of the above, 14 varieties for \$2.50. Regular price \$3.55.

General List of Pansies.

ATROPURPUREA.—Dark purple-violet. Packet 5 cts.
ATROPURPUREA "ALBA MARGINATA."—Silver edge; very fine. Packet 5 cents.

BLACK.—With gold-bronze markings. Packet 5 cents.

BLACK PRINCE.—New. The flowers are considerably larger in size than Doctor Faust, and of much greater substance. The rich, glossy black has a peculiarly soft, velvety appearance hitherto unknown. Packet 10 cents.

EMPEROR WILLIAM.—A splendid, large-flowered Pansy, of a brilliant ultramarine-blue, with well-defined eye of purple-violet. The flowers are very large, borne well above the foliage. Comes true from seed. Pkt. 5c.

GLORIOSA, RAINBOW (Quadri-color).—Four-blotched; new strain; fine. Packet 5 cents.

GOLDEN YELLOW.—Fine for bedding. Pkt. 5c.

IMPROVED STRIPED.—A fine, new class, producing large, beautifully-formed flowers of the most brilliant and exquisite tints in coloring, the blooms being handsomely striped. A great improvement on the striped Belgian varieties. Packet 10 cents.

KING OF THE BLACKS (Roi des Noirs).—Deep coal-black. Packet 5 cents.

LORD BEACONSFIELD.—Purplish-crimson, margined white. Packet 5 cents.

LIGHT BLUE.—Packet 5 cents.

MARMORATA (Pelargoniflora).—Packet 5 cts.

MAHOGANY COLORED.—Packet 5 cents.

ODIER FRENCH BLOTCHED.—Beautiful, large-eyed flowers, blotched on each petal; splendid. Packet 10 cents.

PRINCE BISMARCK.—Gold-bronze; marmored. Packet 5 cents.

PURPLE, WITH GOLD EDGE.—Packet 5 cts.

RED BRONZE, FANCY.—Bright, coppery-red colors, mixed. Packet 5 cents.

ROYAL PURPLE (Bright Purple).—Very fine color. Packet 5 cents.

RUBRA (Red Riding-Hood).—Red. Packet 5 cents.

STRIPED FANCY.—Beautiful variety. Packet 5 cents.

SNOW QUEEN.—Pure satiny-white. Packet 5 cents.

IMPROVED SNOW QUEEN.—A great improvement on the ordinary Snow Queen. Flowers much larger and finer. Pure satiny-white. A bunch of these makes a handsome bouquet. Packet 10 cents.

VERY FINE MIXED PANSY SEED.

Eighth-ounce 25 cts., very large pkt. 5 cts.

One packet each of the above 23 varieties for \$1.00. Regular price \$1.35.

PANSY PLANTS, Etc. Plants from our finest seed ready

to bloom. 70c. pr. doz. mail, \$5 pr. 100, exp.

V. H. HALLOCK & SON:—Dear Sirs,—For the enclosed twenty-five (25) cents please send me one packet of seed of the "Ne Plus Ultra" Pansy. The Chilean Beets I got of you are grand. They are attracting the attention and admiration of everyone who sees them. Border of a large Cannab bed. Yours,

Respectfully, JOHN F. RUPP, Shiremans-town, Penn'a. July 31, 1888.

Messrs. V. H. HALLOCK & SON, Queen, N. Y.

Gentlemen:—I purposed long since to thank you for your beautiful catalogue, and to tell you how satisfactorily the order you filled for me last spring resulted. The Pansy seed were the best I have ever planted; I think every one came up and were fully up to their description; nothing like them was ever seen in this neighborhood before.

Later I contemplate sending an order for more seeds and some novelties, and in the meantime I remain,

faithfully, ROSA S. SHARP, Centerville, Miss. August, 29th, 1888.

LEWIS M. SHORT, Kingston, N.Y., also obtained excellent results.

BALSAMS.

HALLOCK'S SUPERB CAMELLIA-FLOWERED BALSAMS (Finest Mixed).—This embraces seed of all the varieties described on this page, and also other colors which we do not offer separately. The finest mixed Balsam seed ever offered. Packet 5 cts. **FINE DOUBLE MIXED.**—Packet 5 cents. **APPLE BLOSSOM.**—One of the most charming of all our Balsams; large, perfectly double, Camellia-flowered, of a deep rosy-pink shade. Packet 10 cents, 1/4-ounce 40 cents, ounce \$1.25. **PURE WHITE.**—The plants are very floriferous, and produce flowers of a pure paper-white color; very fine for bedding, but the flowers are not of sufficient substance for floral designs. Packet 5 cents.



QUEEN'S
WHITE

CRIMSON SPOTTED.—The large double flowers are very showy, of deep crimson, handsomely spotted with pure white. Packet 10 cents. **MAIDEN'S BLUSH.**—A very charming and delicate shade of rosy-pink, several shades lighter than the Apple Blossom. Pkt. 10 cts. **POMEGRANATE.**—A bright shade of scarlet similar in color to the King. Packet 10 cents.

DAISY MILLER or PREFERRED.—This new Balsam is now offered for the first time, and is sure to find many friends. It is perfectly Camellia-flowered, the large double blooms being 2 inches in diameter: of a white ground color, delicately suffused with light lilac or lavender, bluish deepening in shade toward the centre. The full double flowers are wondrously effective, and will prove very useful for floral designs. Packet 15 cents, 2 packets for 25 cents.



DAISY
MILLER

“QUEEN'S WHITE.”—The finest double white Balsam ever offered. This Balsam has been grown on our place for 15 years, we received it from a Balsam-grower who said it was then undoubtedly the best double white Balsam ever raised, and it has been much improved since. It comes uniformly double, very white and exceedingly firm, with a slight pink tinge on the back; the stem is firm and thoroughly joined on the flower, so it can be easily and securely stemmed. This is a great advantage for florists' use. Packet 10 cents, 3 for 25 cents, 1/4-ounce 50 cents, ounce \$1.00.

PERFECTION PINK.—The flowers are of fine Camellia shape, of great substance, and reach 2 1/2 inches in diameter. They are of a rich, deep pink in the centre, shading gradually to a very light rosy-pink. Pkt 10c.

SUNSHINE.—Deeper in color than the light lemon, deepening to a bright yellow at the centre of the flowers. Packet 15 cents, 2 for 25 cents.

“QUEEN” BALSAM (New).—This is a lovely shade of pink; very handsome; shape like a large, half-blown rose-bud. 10 cents.

NEW PINK.—Flowers perfectly imbricated. 10 cents.

SOLFERINO.—Striped purple and scarlet. 10 cents.

THE EMPEROR (Purple-Spotted).—Finest of all spotted Balsams. Perfectly double large flowers of a reddish shade of purple with clear white spots. Pkt. 15 cts., 2 for 25 cts.

DWARF LILA C.—Very double flowers of a beautiful shade of lilac, of great depth in the centre. The bushes are unusually dwarf and compact in growth, very free-flowering. Pkt. 15 cents., 2 packets for 25 cents.

PERFECTION WHITE.—Fine white Balsam. Pkt. 5c., 1/4-oz. 15c.

PEACH BLOSSOM.—5 cts. **PINK.**—5 cts. **LAVENDER.**—5 cts. **SCARLET SPOTTED.**—5 cts. **CRIMSON SPOTTED.**—10 cents. **PURPLE SPOTTED.**—5 cents. **SCARLET.**—5 cents. **WHITE.**—5 cts. **LIGHT LEMON.**—10 cents. **LILAC.**—5 cents. **FLESH COLOR.**—10 cents. **ROSE-FLOWERED.**—Mixed colors; fine. 5 cts. **VIOLET.**—5 cents.



FORMS OF NEW PHLOX
IN HALLOCK'S STRAIN
OF GIANT FLOWERED.

PHLOX “STAR OF QUEDLINBURGH” (Cuspidata).—This is the most unique and startling departure ever seen in Phloxes. Habit is semi-dwarf and quite compact. Flowers are most curiously formed (see illustration), and some of most peculiar color, being a blue-violet. The pointed centre-teeth of the petals (5 in number) are 5 to 6 times as long as the lateral ones, and project beyond them like little spines 1/4 to 1/2 inch long. Thus the flowers appear to have a splendid, long-pointed, distinctly marked, regular star-like form, whose beauty is improved by the broad white margins, which border the edges of the petals. Existing already in more than 30 colors. Seed by special arrangement from the originator. All colors mixed in best proportion. Packet 25 cents, 5 for \$1.00.

PHLOX DRUMMONDII “FLIMBRIATA.”—This is quite a new variety of Phlox, which might even be designated a new race. In habit it resembles that of the ordinary Phlox Drummondii, but is more compact and more slender, as the branching generally is turned upwards, which gives the whole plant a compact, tree-like appearance. The height varies from 20 to 22 inches. The flowers are between the size of the well-known Phlox Drummondii and the Phlox Drummondii Grandiflora. The petals of all the known Phlox varieties are entire, but in this variety they are partly fimbriate, partly three-toothed. The centre-teeth are almost twice as long as the lateral ones, all distinctly bordered with white, which, together with the bright eye of the centre, picturesquely contrast with the magnificent velvety colors, consisting already of more than 25 very splendid distinct colors. Finest mixed colors, all the shades included. Pkt. 25c., 5 for \$1.

PHLOX DRUMMONDII “DOUBLE WHITE.”—A much improved strain. Last season's introduction of the first really double Phlox ever offered, and will undoubtedly prove very valuable. They produce a profusion of charming, densely double white flowers, and about 60 per cent. come true from seed. Packet 25 cts.

GREAT NOVELTIES IN PHLOX.—“HALLOCK'S STRAIN OF GIANT-FLOWERED.”—This we claim to be the greatest and best strain of this new race of Phlox offered by any one. The plant is stocky semi-dwarf, which stand

up better than any other from the ground. Flowers extra large, elegant form, colors and markings surpass anything. Striped, marbled, oculated, rayed, zoned, variegated, and self colors of all conceivable shades and hues. This particular strain is offered by us only. Packet 15 cents, 2 for 25 cents.

EXTRA-FINE PHLOX DRUMMONDII GRANDIFLORA AND NOVELTIES.—In entirely new departures. We offer several new varieties of extraordinary merit. For brilliant and continuous display for ribbon lines, borders, or beds, nothing equals the improved Phlox Drummondii Grandiflora, which have petals of beautiful form and fullness. Our strains of Phlox are unsurpassed and of perfect truthness.

Grandiflora Alba.—Pure white. 10 cts.
Grandiflora Coccinea.—Dazzling scarlet, extra. Packet 10 cents.
Grandiflora Rosca.—Rose, beautifully marbled. Packet 10 cents.
Grandiflora Viola Alba Oculata.—White, with violet eye. Packet 10 cts.
Grandiflora Splendens.—Rosy-scarlet, white centre, distinct. Packet 10c.
Grandiflora Stettala Splendens (Argus-Eyed).—Improved form of Splendens, larger, and a perfect white star in centre; extra. Packet 10 cents.
Grandiflora Clevelandii.—Large white, rosy-scarlet centre. Pkt. 10 cts.
Grandiflora Elegans.—Rosy-white disc; fine. Packet 10 cents.
Grandiflora Striata.—Striped scarlet and white; fine. Packet 10 cents.

Grandiflora, very finest mixed.—Pkt. 10 cts.; 1/4-oz. finest mixed, 25cts. One each of the 10 varieties for 50 cents.
Phlox Black Warrior.—Very dark; fine. 5 cents.
Phlox Isabellina.—Pale yellow; we do not recommend it. Packet 5 cents.
Phlox Gen. Grant.—Flesh color. 5c.
Phlox Leopoldi.—Red, white eye. 5c.
Phlox Radowitzi.—Striped rose and white. 5 cents.
Phlox Violacea.—Violet. 5 cents.
Phlox Drummondii.—Fine mixed. 5c. One each of the 7 varieties, 25 cents. 1/4-ounce finest mixed, 20 cents.
Phlox Nana Compacta.—Very dwarf. Fire Ball.—Brilliant scarlet. 10 cents.
Snow Ball.—Pure white. 10 cents.
Fine Mixed.—Many colors. 10 cents.

NEW SWEET PEAS. BEST SWEET PEAS

Sweet Peas are just becoming appreciated, and people are just beginning to realize their great beauty and value as a cut flower, consequently the demand is yearly increasing, and greater efforts are being made to originate new varieties. Cut the blooms off by the handful as fast as they develop, the plants will then bloom all summer, whereas if allowed to go to seed, they stop blooming; so cut the flowers all you can. It is not generally known that the flowers will last, when cut, a long time in water. The waxy flowers and foliage make a lovely contrast, and the perfume is deliciously delicate. Plant early and deep. A trench 6 inches deep, with well-rotted manure or phosphates, covered with soil about 1 inch, making the seed 5 inches deep, is best. You should try some of the new varieties recently introduced.



HALLOCK'S NEW COLLECTION OF SWEET PEAS.

INDIGO KING.—Rich indigo, dark maroon shadings, with blue rings, 10 cents.

GRAND BLUE.—Charming light, clear blue, new and distinct, 10 cents.

BRONZE PRINCE.—A magnificent variety of great depth and richness of color, the upper petals being of a rich, shining bronze maroon, and the lower petals of a deep bright blue. Packet 10 cents, ounce 25 cents.

BUTTERFLY.—White ground, delicately laced with lavender blue; fragrant and valuable for bouquets. Packet 10 cents, ounce 20 cents.

CROWN PRINCESS OF PRUSSIA.—A delicate blush; very fine. Packet 5 cents, ounce 15 cents.

DUCHESS OF EDINBURGH.—A very distinct and beautiful variety; standard light scarlet, flushed with crimson, slightly marbled or splashed at the edge with creamy white; wings deep rose. Packet 10 cents.

FAIRY QUEEN.—Appropriately named on account of the delicate appearance of the flowers; the lower petals are a milky white, upper petals are tinted with pink. Packet, 10c.

INVINCIBLE CARMINE.—The brightest colored of all sweet peas, being of a brilliant glowing carmine. The best scarlet or carmine for general or florist's use. Packet 10 cents.

SCARLET INVINCIBLE.—A beautiful rich scarlet, very fragrant. Packet 5 cents, ounce 15 cents, pound \$1.25.

INVINCIBLE RED STRIPED.—Fine. Pkt. 5, oz. 15, lb. \$1.25.

ORANGE PRINCE.—The most distinct variety and the nearest approach to a yellow yet sent out. The standard color is bright orange pink, flushed with scarlet wings; bright rose-veined pink. Packet 15 cents.

MISS ETHEL.—Standard; of a delicate shade of pink, slightly flushed with carmine; delicate blush wings. Packet 15 cents.

PAINTED LADY.—Rose and white. Packet 5 cents, ounce 15 cents.

PRINCESS LOUISE.—One of the most distinct and lovely varieties. The upper petals are a rich rosy-pink, while the lower petals are a deep lilac-blue, making a very pretty contrast. Pkt. 10 cents, ounce 25 cents.

PRINCESS BEATRICE.—Beautiful rose color, slightly shaded with light and dark tints. Packet 10 cents, ounce 20 cents.

QUEEN OF THE ISLE.—Standard, bright scarlet, flushed with white, wings flaked and margined rosy-purple. Packet 10 cents, ounce 25 cents.

TRICOLOR.—White, rose and purple. Packet 10 cents.

VESUVIUS.—While not so brilliant as its name would imply, this is unlike any Sweet Pea hitherto known. The upper petals are distinctly spotted on a rosy ground color, shading into purple at the throat; the lower petals or standard are of a velvety-violet, shading off to lilac at the edge. Packet 10 cents, ounce 25 cents.

VIOLET QUEEN.—Of dwarf habit, but very free-flowering; the flowers range in color from deep mauve of the standard to light violet of the wings; very pretty. Packet 10c., oz. 25c

BLACK.—Very dark, black purple. Packet 5 cents.

BLUE EDGED.—White and pink, edged with blue. Packet 5 cents, ounce 15 cents.

LIGHT BLUE AND PURPLE.—Packet 5 cents, ounce 15 cents.

PURPLE STRIPED.—Packet 5 cents, ounce 15 cents.

SCARLET STRIPED.—Has more white in the striping than the Invincible Red striped. Packet 5 cents, ounce 15 cents, pound \$1.00.

PRINCESS OF WALES.—One of the most lovely varieties; shaded and striped with mauve on a white ground in a very pleasing manner. Awarded first-class certificate by the Royal Horticultural Society, London. Packet 10 cents, ounce 25 cents.

SALMON-COLORED.—This very fragrant variety is a pleasing addition to the colors already in commerce. Very free-blooming and desirable for cutting. Packet 10 cents, ounce 30 cents.

ADONIS.

—“A charming rose-pink Sweet Pea.” Affords a very pleasing color previously unknown in Sweet Peas. The bright, rosy carmine or pink blossoms make a neat contrast with the pure white, scarlet and other decided colors. Pkt. 10c.

SPLENDID LILAC.—Like Adonis, this variety affords a distinct and charming shade of color. The flowers are of a very pretty, clear lilac, gradually shading off lighter in the upper petals. Packet 10 cents.

ISA ECKFORD.—Creamy white, suffused with rosy pink. Packet 10 cents, ounce 25 cents.

WHITE.—Fine strain, large, pure, white flowers. Fine strain for florists. Packet 5 cents, ounce 15 cents, pound \$1.00; 5 pounds by express, 50 cents per pound.

1 Packet each of the 27 varieties for \$1.50.

Hallock's Collection of "Star-eyed Beauties."

This superior strain of Sweet Peas is sold only by us. The collection is composed of over 30 varieties of the choicest-named sorts, selected from the celebrated Eckford strains, and special importations by ourselves from the most celebrated collections in Europe. Packet 10 cents, ounce 25 cents, 1/2-pound \$2.00, pound \$3.50.

ECKFORD'S NEW ENGLISH HYBRIDS.—This strain is justly celebrated the world over. Only Mr. Eckford's new varieties are included in this assortment. Many sell their own mixture for this strain. Our seed is from the originator. Pkt. 10c., ounce 25c., 1/2-pound \$2.00, pound \$3.50.

FINEST MIXED SWEET PEAS.—A splendid strain of the finest colored standard varieties. Packet 5c., ounce 10c., 1/4-pound 30c., 1/2-pound 40c., pound 75c.



VERBENA HYBRIDA GRANDIFLORA, NEW GIANT OR MAMMOTH.

—We have sold largely of this seed the past 3 or 4 years with the most satisfactory results. The seed germinates quickly and the plants grow and bloom profusely. By carefully selecting only the largest and most striking flowers, we greatly improved this wonderful new strain, since we received it from Europe, until now we think it the finest strain offered for sale in this country. In order to distinguish this marvelous improvement they are called "Mammoth," "Grandiflora," "Giant," etc., from the fact the flowers are so remarkable in size that none of the forets this seed was saved from was less in size than a **twenty-five cent piece**, and the trusses were at least 9 inches in circumference. Packet 25 cents, 5 packets for \$1.00.

NEW YELLOW VERBENA "PRIMROSE."—Mr. Childs says: "A yellow-shaded Verbena is truly a novelty worthy of special notice. We procured it in Europe several years ago, and have carefully cultivated it until we have it absolutely true and pure. 98 out of every 100 plants grown from seed will produce flowers of a beautiful, soft primrose-yellow color. This splendid Verbena has for two years excited the greatest admiration, its color being the only yellowish shade found among Verbenas. The plant is a compact grower, making it well suited to pot as well as garden culture. Seed germinates quick and freely and makes strong healthy plants, which bloom in a short time. Seed 20c. per paper; 6 papers for \$1.00. Plants 10c., 3 for 25c.

SPECIAL SELECTION.—We have made a specialty of this brand for several years, until our strain is acknowledged by all to be unsurpassed for florists and others wanting the very best. Large packets, 25 cents, eighth-ounce 50 cents.

FINE MIXED SEED.—Packet 10 cents, eighth-ounce 25 cents.

PURE WHITE.—Packet 15 cents, eighth-ounce, 50 cents.

BRILLIANT SCARLET.—Packet 15 cts., eighth-ounce 50 cts.

GRANDIFLORA AURICULAEFLORA (New).—Also very fine, highly improved type with white eyes. Packet 25 cents.

VERBENA HYBRIDA ERECTA COMPACTA.—A new and fine strain, remarkable for its growth. The plants spread so as to form almost circular bushes of about two feet in diameter, throwing up in a singularly compact manner on stiff and erect stems a great number of flowers, which are elegantly carried above the dark green foliage. The individual flowers are large and well formed, the mixture contains a great variety of color. Violet, white eye, 25 cts. Scarlet, white eye, 25 cts. White, 25 cts. Choice Mixed, 25 cts.

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BY A. BLANC PHILA

TYPES OF MAMMOTH VERBENAS.

GENERAL LIST OF FLOWER SEEDS.

Our Flower Seeds are Fresh and of the Best Possible Quality.



ABRONIA UMBELLATA.



AGERATUM.



AMARANTHUS HENDERI.



BRACHYCOME.



CALENDULA METEOR.



CALLIOPSIS.

ABRONIA UMBELLATA.—A fine rose-colored trailing plant. Packet 5 cents.

ABUTILON.—Will bloom the first year from seed. See list of green-house seeds. Packet 10 cents.

ADONIS AUTUMNALIS.—Beautiful scarlet. Pkt. 5c.

AGERATUM.—Fine plants for masses in the garden or winter blooming in the house. Flowers of a brush-like appearance. **Mexicanum.**—Lavender blue; height 1½ feet. Packet 5 cents. **Mexicanum Albiflorum.**—White; 2 feet. Packet 5 cents. **Tom Thumb.**—Very dwarf, only 6 inches high; blooms profusely; blue and white mixed. Packet 5 cents. **Little Dorrit.**—A new, large-flowering variety, lovely sky blue, splendid for bedding. Packet 5 cents. **Swanley Blue.**—Blue, large-flowering, splendid. Packet 5 cents.

AGROSTEMMA.—Very pretty in masses or beds. Packet 5 cents. **Celi Rosa (Rose of Heaven).**—Rose; 1 foot. Packet 5 cents.

ALONSOA (Mask Flower).—Free-flowering bedding plants, with bright, handsome flowers, in bloom until frost. Packet 5 cents. **Grandiflora.**—Bright scarlet; height 1½ feet. Packet 5 cents. **Limifolia.**—Orange-scarlet; height 1½ feet. Packet 5 cents.

ALYSSUM.—This old favorite should be largely used in every garden. It is of easiest culture, and its fragrant flowers are produced freely all summer. Pkt. 5 cents. **Sweet Alyssum.**—White, in clusters. Packet 5 cents, ¼-ounce 10 cents. **Little Gem.**—New and exceedingly pretty. The plants are very dwarf, spreading, and remarkably uniform in growth. They only grow three to four inches high, and each plant spreads so as to completely cover a circular space twelve to twenty inches in diameter. The plants begin to flower while quite young, and soon become one mass of white, remaining in full bloom from spring to fall—each plant being densely studded with the beautiful miniature spikes of deliciously fragrant flowers. More than 400 clusters of flowers in full bloom have been counted on a single plant. Pkt. 5 cts.

ALYSSUM, SAXATILE.—The hardy variety. Blooms in early spring. Dwarf habit; golden yellow. Packet 5 cents.

AMARANTHUS.—Very handsome, ornamental foliage plants. Pkt. 5 cts. **Salicifolius (Fountain Plant).**—Willow-like foliage. Pkt. 5 cts. **Tricolor (Joseph's Coat).**—Leaves yellow, red and green. Pkt. 5 cts. **Henderi.**—A brilliant range of color in the stems and leaves; new and desirable. Packet 5 cents. **Caudatus (Love-Lies-Bleeding).**—Long red panicles. Pkt. 5 cts. **Princess of Wales.**—New; foliage carmine, orange-green, and bright yellow, beautifully blended. Packet 10 cents. **Melancholicus Rubra.**—Entire foliage very conspicuous deep red or crimson; fine for foliage effect and florist's use. Packet 5 cts., ¼-ounce 10 cts.

(Meteor) sort, the florets being striped with a more intense shade of orange, and this glowing tone is imparted to the whole flower. Packet 5 cts. **Pongel, fl. pl.**—Pot marigold. Double white. Packet 5 cents.

CALLIOPSIS, OR COREOPSIS.—Few, if any, annuals are more useful than these; the colors are rich and striking, flowers numerous and beautiful. Pkt. 5 cts. **Calliopsis mixed.**—2 feet. Pkt. 5 cts. **Atrosanguineum.**—Dark crimson. Pkt. 5 cts. **Drummondii.**—Yellow. Pkt. 5 cts. **Golden Wave.**—This plant is very bushy and compact, reaching a height of two feet, and covered from July to October with hundreds of beautiful golden blossoms, with a small dark centre; hence its name Golden Wave. It forms a very striking effect when grown in rows or masses. It can be sown very early in the open ground; will grow and succeed in any situation. Pkt. 5 cents. **Tinctoria.**—(Bicolor.) Yellow and brown. Pkt. 5 cts.

CACALIA (Tassel Flower).—A beautiful and profuse flowering genus plant, with tassel-shaped flowers. **Cacalia fine mixed.**—Packet 5 cents.

CATCHFLY (Silene).—Free blooming. 1 foot. **Catchfly, mixed.**—White, red and rose. Pkt. 5 cts.

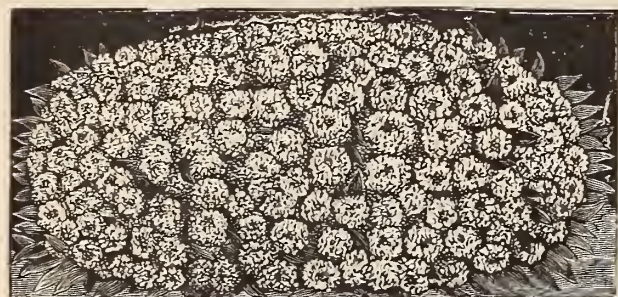
CALANDRINIA.—Very pretty, creeping plants, succulent stems, fleshy leaves and an abundance of flowers; fine for rock-work. Pkt. 5c. **Grandiflora.**—Rosy-lilac. Pkt. 5 cts. **Umbellata.**—Crimson, very attractive. Packet 5 cents.

CLOVER INCARNATUM (Crimson Clover).—Dazzling scarlet; lovely in bouquets, in tufts or borders. See Grass list.—Packet 5 cents.

CLOVER, SWEET OR HONEY PLANT.—Sweet-scented; wonderful bee food. Packet 5 cents.

CAMPANULA.—Hardy perennials. **Carpatia.**—Mauve; 1 foot; pkt. 5c. **Grandiflora.**—Deep purple; 2 feet; pkt. 5c. **Perennial varieties.**—Mixed; pkt. 5c.

CAMPANULA.—Hardy annuals. **Lorei.**—Purple-lilac; 1 foot; pkt. 5c. **Pentagonia.**—Rich purple; 6



ALYSSUM, LITTLE GEM.

ANEMONE.—A most charming class of plants, not generally known that can be raised from seed to bloom the first summer. One of the most lovely class of plants we have. They form tuberous or fleshy roots, and can be stored over winter with very little trouble. **Sylvestris (Snowdrop, Windflower).**—The most copious bloomer and exquisitely beautiful of all the varieties. Flowers 1½ inches across. Pure satin white, with lovely bright lemon centre. We wish every one to plant some of them; sow the seed early. Pkt. 10 cts. **Coronaria (Poppy Anemone).**—Beautiful double flowers, finest colors mixed. Pkt. 10 cts. **Japonica (Elegans).**—Flowers 2 to 2½ inches across, rosy carmine, with anthers golden yellow. Pkt. 10 cts. **Honorine Jobert.**—Resembles, but much more beautiful than the Christmas Rose. Blooms 2 to 3 inches across; borne in great profusion into November; snow white, with large conspicuous anthers of golden yellow. Pkt. 10 cts. Nice strong plants of the last two sorts, 15 cts. each.

ANAGALLIS.—Very free and continuous blooming annual, that will bloom from year to year. Pkt. 5c.

AQUILEGIA, OR COLUMBINE.—See Hardy plants. 10c.



ANTIRRHINUM.

ASPERULA SETOSA BLUE (Azurca).—Sweet-scented; light blue. Annual. Packet 5 cents.

ASTERS.—See special list.

BELLIS.—See Conservatory list of seed.

BEGONIA (Tuberous-Rooted).—See Conservatory list of seed.

CALCEOLARIAS.—See Conservatory list of seed.

CENTAUREA, DUSTY MILLER.—See Conservatory list of seed.

ANTIRRHINUM.—These beautiful plants bloom the first year from seed, and continue to live and bloom year after year. The Tom Thumb and Majus are largely used for bedding by florists and amateurs.

Tall Varieties—Majus.
Majus Album.—Pure white. Pkt. 5 cts.
Majus Brilliant.—A combination of scarlet, golden, and white. Pkt. 5 cts.
Majus Della.—Carmine, with white throat. Pkt. 5c.
Majus Firefly.—Scarlet, with white throat. Pkt. 5c.
Majus Galathea.—Crimson, with white throat. Pkt. 5 cts.
Majus Striatum.—Finest striped variety. Pkt. 10 cents.
Majus.—Tall varieties, all colors, mixed. Packet 5 cents.

One each of the above seven varieties for 25 cts.

Dwarf Varieties—Nanum.
Nanum Album.—Pure white. Pkt. 5c.
Nanum Brilliant.—Scarlet, golden, white. Pkt. 5 cts.
Nanum Firefly.—Scarlet, with white throat. Pkt. 5c.
Nanum Striatum.—The finest dwarf striped variety. Pkt. 5c.
Nanum Picturatum.—New blotched and spotted variety of great beauty. Pkt. 5c.
Dwarf Varieties.—Twelve colors, mixed. Packet 5 cents.

Tom Thumb, or New Dwarf Large-Flowering Sorts.

These varieties are elegant for bedding and edges.
Tom Thumb Album.—Large-flowered, white. Pkt. 10c.
Tom Thumb Orange.—New color. Pkt. 10 cts.
Tom Thumb Rubro Striatum.—Red, striped. Pkt. 10c.
Tom Thumb.—Yellow and red, striped. Pkt. 10c.
Tom Thumb Galathea.—Crimson, with white throat. Pkt. 10 cts.
Tom Thumb.—Mixed, all colors; very fine assortment of all the best colors. Pkt. 5 cts.

One packet each of above 10 varieties for 40c. One packet each of the 18 varieties for 75 cts.

BALSAMS.—See special list.

BRACHYCOME (Swan River Daisy).—A beautiful plant. Compact growth; covered with flowers; blue and white. Packet 5 cents.

BROWALLIA.—This is now considered indispensable in all massing and ribbon-line gardening, in fact for all bedding purposes it is used almost as freely as the Coleus. Pkt. 5 cts. **Browallia Elata Cerulea.**—Blue; 1½ feet. Pkt. 5 cts. **Alba.**—White 1½ feet. Pkt. 5 cts. **Rozzili.**—Mixed colors, blue and white; flowers double. Pkt. 10 cts.

CALENDULA (Pot Marigold).—Packet 5 cents. **Calendula Officialis Meteor (Double Pot Marigold).** Flowers of the true variety are as double as Asters; petals small and numerous, each one being marked with two shades of yellow, one very light and the other deep orange. Pkt. 5 cts. **Prince of Orange.**—This is a very marked improvement on the parent



ANEMONE SYLVESTRIS. (Blooms profusely from seed.)

inches; pkt. 5c. **Alba.**—Pure white; 6 inches; pkt. 5c. **Annual varieties.**—Mixed; pkt. 5c.

CANTERBURY BELLS (Campanula Media).—**Double Blue.**—2½ feet; pkt. 5c. **Double Rose.**—2½ feet; pkt. 10c. **Double White.**—2½ feet; pkt. 5c. **Double mixed.**—2½ feet; pkt. 5c. **Single Blue.**—2½ feet; pkt. 5c. **White.**—2½ feet; pkt. 5c. **Dean's Hybrids.**—2½ feet; pkt. 10c. **Striata (Double Striped).**—Packet 10 cents.

CALYCANTHEMA.—Rich blue; 2½ feet; pkt. 10c. **Alba.**—Pure white; 2½ feet; pkt. 10c. **Finest Mixed.**—Packet 10 cents.

CARNATION.—Perpetual Flowering.—Pkt. 25c. **Early Dwarf "Vienna."**—Pkt. 25c. **Picottee.**—Double Yellow; small pkt. 30c. **Picottee.**—Double White; small packet 30 cents.

CALCEOLARIA (Shower of Gold).—International Prize Strain.—Large packets 50 cts., small packets 25 cts.

CINERARIA.—Veitch's Superb Strain.—Large pkts. 50c., small pkts. 25c. **Covent Garden Strain.**—Large pkts. 50c., small pkts. 25c.

CYCLAMEN PERSICUM.—**Giganteum Album.**—50 cts. per 50 seeds. **Giganteum, Dark Red.**—50 cts. per 50 seeds.

CENTAUREAS.—The best white-leaved bedding plants for summer effect. **Gynnocarpia.**—10 cents. **Candidissima.**—Silvery-leaved plant. 10 cents.



COSMOS AMERICAN HYBRIDS.



COLEUS.



CANNAS FROM SEED.

COSMOS AMERICAN HYBRIDS.—This plant is of strong growth, having elegant foliage. For fall blooming it has no superior. Seed sown in April and May and transplanted to open ground will produce plants 5 or 6 feet high by September, and from then till November will be covered with hundreds of blooms 3 inches across. Planted in pots and brought inside to flower, like Chrysanthemums, they are grand. The colors are of various shades, from pure white to purplish-crimson. Both foliage and flowers are unsurpassed for bouquets and vases. Seed of all colors, mixed, 10 cents; very scarce this year.

CANDYTUFT.—Universally known and cultivated, and considered indispensable for cutting. All the varieties look best in beds or masses. Seed sown in the autumn produces flowers early in spring; when sown in April, flowers from July to September, and some of the sorts till frost comes. All the varieties are hardy and easy to cultivate. Single plants transplanted look well and bloom profusely.

Candytuft Rocket.—This is a remarkably fine strain; immense snow heads. 5 cents.
New Crimson.—Of dwarf, compact habit. The plant presents one perfect mass of vivid and rich bloom. 5 cents.

New Carmine.—Very beautiful. 5 cents.
Pride (Tom Thumb).—White, very dwarf; only 4 to 6 inches. Sown early, they will bloom in June, and continue to flower freely until frost. Very valuable for edgings. 10 cents.

Jucunda.—Rose; fine. 5 cents.
Gibralterica.—Hardy perennial. Snow-white massive heads; extra. 10 cents.
Sempervirens.—Hardy perennial. Another fine snow-white variety; splendid. 10 cents.

CELOSIA (Cockscomb).—One of the most beautiful flowers that can be grown in the open ground. They are not difficult to grow, as is usually supposed. Start early in heat and transplant to rich garden soil last of May, giving liberal culture until well established.

Plumosa Superba.—A new and very valuable bedding plant, bearing in the greatest profusion beautiful feathery plumes of brilliant scarlet and pure golden yellow flowers; the leaves and stems are tinged and veined with red. The plants seem poor and small when young, but afterward become fully developed, and make a magnificent display during the latter part of summer. Packet 10 cents. **New Giant Empress.**—A very striking variety, with mammoth, bright purple combs and dark-bronze foliage. Pkt. 10 cts. **Dwarf mixed.**—Including Glasgow Prize and all the beautiful large-flowered dwarf sorts. Packet 5 cents.

New Variegated.—The combs of this beautiful variety are variegated with bright crimson and yellow, forming a most beautiful contrast. Packet 5 cents. **The Glasgow Prize.**—The finest of all Cockscombs; fine specimens reach 18 inches long and 10 inches wide, of the most brilliant deep crimson; must be grown in rich soil to obtain the best specimens. Packet 5 cents.

Feathered, mixed colors.—This grand variety produces numerous large feathery plumes of gay-colored flowers. Packet 5 cents. **New Japan.**—Very beautiful; fiery scarlet. Packet 5 cents. **New Mammoth.**—Plants from four to five feet high; branches freely and bears from five to twenty large, beautiful combs of a very dark crimson. Packet 5 cents.

CENTRANTHUS.—Very pretty, free-flowering, compact-growing plants, with long-tubed flowers produced in clusters; fine for massing; succeeds in any garden soil. 1½ feet. Choice mixed, all colors, 5 cts.

COLEUS SEED.—Our new strain of Hybrid varieties produces the finest colored, most attractive and novel foliage plants for house or garden culture. Sow in March or April. Mixed colors and varieties. You can raise plants from seed easier and cheaper than any other way. Hybrids, 15 cents per packet.

CORN FLOWER (Batchelor's Button).—One of the finest annuals grown for cut flowers; blooms very prolific all summer. **Corn Flower.**—Blue; 5 cents. **Corn Flower.**—White; 5 cents. **Corn Flower.**—Rose; 5 cents. **Corn Flower.**—Mixed; 5 cents.



GOLDEN FEATHER.

NEW ANNUAL CHRYSANTHEMUM, "GOLDEN FEATHER."—A very effective and beautiful annual variety, having golden yellow foliage, with flowers like those of the large single kinds which are popularly known as "Painted Daisies." The flowers average an inch and a quarter in diameter, ground color white, with a crimson ring near the centre, and with an inner circle of yellow, eye large and rich maroon. Grows 15 ins. and blooms profusely. For bedding out purposes it is most useful. (See cut.) Pkt. 10c.

Frutescens Grandiflorum ("Marguerite" or "Paris Daisy"). Immense quantities are grown by French florists and find ready sale. It produces freely its large white star-like flowers. Pkt. 10c.

Etoile d'Or (Star of Gold).—Clear yellow; fine. Packet 10 cents.

Indicum.—This is the perennial class, of which we offer the finest seed obtainable from our magnificent collection. Mixed, including Japanese, Chinese, etc. Packet 25 cents.

CHRYSANTHEMUMS ANNUAL VARIETIES (Painted Daisies, Paris Daisies, Etc.).—The great and growing demand for the annual varieties has brought Chrysanthemums into general favor. The colors have the appearance of being laid on with a brush, and for this reason they are frequently called "painted daisies." **Chrysanthemum Vennstum.**—White, crimson centre. 5c. **Lord Beaconsfield.**—A rich crimson maroon, edged and striped with gold; golden rim surrounding the rich brown eye. 5c. **Dunnett.**—Deep yellow. 5c. **The Sultan.**—A rich crimson maroon, with gold-colored rim, about a quarter of an inch deep next the centre. 5c. **Eclipse.**—A very showy variety, striking colors, which are pure golden-yellow, with a purplish scarlet ring or centre on the ray florets, the disk being dark brown. 10c. **Inodorum.**—Dwarf growing, double white varieties; very free flowering, and beautiful for pot culture. 10c. **Mixed Annual Varieties.**—5 cents.

COLLINSIA.—Very pretty free-flowering plants, blooming in whorls, and several whorls around each flower stem, mixed of all varieties and colors. **Hardy annual.** 1½ feet. Mixed. Packet 5 cents.

CANNA.—Very stately and handsome foliage plants, growing from 4 to 8 feet high. Highly ornamental on the lawn or for the center of large circular beds. Soak the seed in hot water before planting. **Splendid Mixture.**—Many distinct varieties. Packet 5 cents, half-ounce 15 cents. **Crozy's New French Dwarf Free Flowering Sorts.** New. 15c.

CLARKIA.—Handsome hardy annual, with flowers of bright colors. Sow in a cool, shady place, either for massing or single plants. **Clarkia Rosea fl. pl.**—Beautiful double rose. 10c. **Mrs. Langtry.**—Snow-white. 5c. **Finest Mixed.**—5c.

CLEOME (Spider Plant).—**Speciosissima.**—Showy plants, 18 in. high, large clusters of rosy flowers. **CHAMEPEUCE.**—**Casabone (Fishbone Thistle).**—Very ornamental; glossy, dark green leaves, with white nerves and brown spines; height 15 inches. 10c.

CONVOLVULUS MINOR.—The **Dwarf Morning Glory** is a beautiful plant of trailing habit, and is a perfect mass of bloom. Average height of plant 12 inches. **Tricolor Roseus.**—Beautiful rose-colored flowers, with pure white centre, fringed with purple, and shading away toward the throat in five broad bands of rich golden-yellow. Pkt. 5c. **New Crimson Violet.**—Beautiful flowers of a very brilliant shade; yellow eye encircled with a band of snowy-white, margined with rich crimson violet. Pkt. 5c. **Striped.**—White, striped with blue. Pkt. 5c. **Subcarnuleus.**—Very large flowers of a beautiful pale blue. Pkt. 5c. **Mixed.**—Many bright colors. Packet 5 cents.



CANDYTUFT SNOWQUEEN.

SNOW QUEEN CANDYTUFT.—We want every one of our customers to have Burpee's Snow Queen Candytuft in their garden this year. It will surprise and please beyond all expectation, in full flower in May. We could scarcely believe that so magnificent a display could have been produced so quickly from seed. Realizing its great value, we purchased entire stock of seed to introduce it to our customers in America and Europe. Pkt. 10c.



CENTRANTHUS.



CELOSIA.



CENTAUREA CYANUS.



CACTI-PILOCEREUS SENILIS.

Mourning Cloak.—A magnificent new variety, with very double, large flowers of a peculiar dark color. The ground color of the flowers is a very dark mahogany, almost black, each petal edged with a margin of pure white. 10 cts.
Dwarf Snowball.—This beautiful new dwarf variety belongs to the Hedewiggii class of Dianthus. The plants are of very compact, dwarf growth, and are covered with lovely, spotless, snow-white flowers, very full and double. From its dwarf growth, it is very attractive for edgings, while the flowers are also very useful for cutting for bouquets. 10 cents.
H. Crimson Belle.—Very large, single, dark-red flowers. 5 cents.

CUPHEA.

Miniata.—A pretty little half-hardy annual bearing numbers of curiously-shaped flowers of a bright vermilion-scarlet, with a reddish-violet centre. Grows easily from seed, and is suitable either for bedding or pot culture. 10 cents.

CACTI SEED.

Fine mixed varieties. This is a novelty, and the seed is very scarce. Packet 25 cents. For Cacti Plants, see plant list or index.

CINERARIA SEED.

See conservatory list of seed. 25 cents.

CYCLAMEN SEED.

See conservatory list of seed. 25 cents.

DIANTHUS.

The Dianthus or Chinese pink, which is closely allied to Carnation and Picotee, has long been a great garden favorite. It is, in fact, one of our most useful plants, furnishing abundance of gay and pretty flowers until frozen to the earth, and covered by snow. They live over winter, and bloom finely the second season.

NEW AND SPECIAL SORTS.

New Japan Dianthus "Orient."—This strain of seed is sent to us by our purveyor in Japan as a wonderful and beautiful selection. The flowers are three inches in diameter, and of the most lovely colors and markings. Ex. fine, 10c.

H. Eastern Queen.—Magnificent single flowers, two to four inches across, most splendidly striped and stained. 5 cents.
H. Diadematus fl. pl. (Double Diadem Pink).—Hieroglyphically marked like the

EUPHORBIA.

Foliage very beautiful.
Variiegata.—Bracts of the flower pure white; very distinct. 5 cents.

EUCHARDIUM BREWERII.

A very beautiful plant from California, forming distinct and compact bushes, covered nearly all the season with bright rose flowers having marked white centres; a good annual, allied to the Clarkias. 10 cents.

FOUR O'CLOCK (Mirabilis).

Handsome, free-flowering, sweet-scented; blossoms variegated, striped, and various colors; blooming all summer.

Hybrid Longiflora Alba, 5 cts. **Variiegated Leaved,** 5 cts. **Dwarf White,** 5 cts. **Best mixed varieties.**—Packet 5 cents, 1/2-ounce 15 cts., ounce 25 cents.

GILLIA.

Gillia, Fine Mixed.—Very beautiful. 5 cents.

Capitata.—Azure-blue; very useful for bouquets and cut flowers. 5 cents.

GLAUCIUM.

This is particularly valuable on account of its large fern-like silvery-white leaves, which are very ornamental, especially for edging beds. The flowers are borne on slender stems and are graceful and showy.

Luteum.—Golden-yellow, saucer-shaped flowers. 5c.



HELIANTHUS.

GAURA.

This flowers most continuously, producing numerous elegant spikes of beautiful rosy-white flowers throughout the summer. The spikes are very long and graceful—making the total height 2 1/2 feet. The seed should be sown early in the spring in the open ground, and requires no special care, although a light soil is best. For masses or mixed borders this will be found an elegant, slender, branching species. Packet 10 cents.

FORGET-ME-NOT (Myosotis).

Myosotis Palustris.—These are hardy outside, and bloom first year where sown early. The true Forget-Me-Not. Small-flowered; blue. 5 cents.

Eliza Fonrobert (Alpestris robusta grandiflora).—We consider the above Myosotis (Eliza Fonrobert) the best of all for florists' use. It is a strong grower, and the azure-blue flowers, with a large yellow eye, appear in umbels like a Verbena.



DIANTHUS MOURNING CLOAK.

original Chinese pinks, in the middle down to the base of each petal; very double, large flowers, magnificent in color and variety. 5 cents.

Dianthus fl. pl.—A splendid variety, producing a large proportion of double flowers. 5 cents.

Chinensis fl. pl. Coronatus.—White and red; splendid. 10 cents.

C. Laciniatus Single.—Beautifully fringed. 5c.

C. Laciniatus Double.—Beautifully fringed. 5c.

C. Imperialis.—Double Imperial pink. 10 cts.

H. Albus fl. pl.—Pure white. 10 cents.

Hedewiggii fl. pl.—Double variety; very fine; one foot. 5 cents.

H. Atropurpurea fl. pl.—Blood red. 10 cents.

All single varieties, mixed, packet 5 cents, 1/2-ounce 10 cents. All double varieties, mixed, packet 5 cents, 1/2-ounce 10 cents. All varieties mixed, double and single, packet 5 cents, eighth-ounce 10 cents, half-ounce 30 cents.

NEW HYBRID VARIETIES.

Hybridus Semperflorens fl. pl.—New pink; cross between the Carnation and Chinese; flowers like the former, and very double. 25 cents.

Plumaris Double Perfection.—A great improvement on the old Scotch Pink; double pure white, reddish-brown center; perfectly hardy. 25 cents.

DAHLIA.

For list of novelties, full descriptions see last page of catalogue.
Single Dahlias.—Finest mixed. 15 cents.
 mixed. 10 cents. **Zimpaul.**—10 cents.

Double Dahlias.—Finest **Gracilis.**—15 cents.

DATURA.

Trumpet-formed, double-flowered, 12 inches long; of mixed colors. 5 cents.

DIGITALIS (Fox Glove).

See seeds blooming second year. 5c.

ERYSIMUM.

Peroffskianum.—Very showy, free-flowering, hardy annual; orange flowers; 1 1/2 feet. 5 cents.

ESCHSCHOLTZIA.

Very effective and showy plants, flowering superbly the first and second years.

Crocea.—Flowers rich golden-yellow; superb colors. 5 cents.

Mandarin.—New and fine; orange and tawny brown; very distinct. 5c.

New Double White.—One of the best white hardy annuals, remaining in bloom until frost; about 75 per cent. of the flowers come double. 5c.

Rose Cardinal.—Very striking and beautiful. The handsome flowers, in great profusion, are of a very rich rose color. 5 cents.



EUPHORBIA.



GODETIA BIJOU.

Alpestris Dissitiflora.—The true large-flowering species; very scarce and high, but very beautiful. Packet 15 cents.

Godetia. Beautiful garden plants, of easy cultivation in any good garden soil, and remarkable for the delicacy of their very fine large blossoms. Hardy annual; 1 to 1 1/2 feet high.

Bijou.—The flowers are snow-white, with a bright pink spot at the base of each petal. They never exceed 6 inches in height. 10 cents.

Lady Albemarle.—A grand novelty; flowers 4 inches across and of an intense carmine-crimson color, shaded toward the edge with delicate lilac. 5 cents.

Spotted Carpet.—A most charming new dwarf variety of this popular genus. The plant never exceeds 6 inches in height, and forms curious, carpet-like bushes, a foot or more across, which are densely covered with from 250 to 300 exceedingly chaste and pretty flowers, snowy-white, with a bright carmine-rose spot at the base of each petal. 5 cents.

Lady Satin Rose.—Pronounced the most beautiful annual of modern introduction; unequalled for brilliancy and richness of color. It was awarded a first-class certificate by the Royal Horticultural Society of England—the strongest proof of its unique merit. The flowers, produced in remarkable abundance, are of a brilliant, deep rose-pink, the surface shining like satin. 5 cents.

Godetia, Mixed Colors.—5 cts.

GAILLARDIA.

Showy and universally-admired perennials, flowering the first year, and among the gayest ornaments of summer-flowering beds.

Gaillardia Picta Nana.—One foot high; flowers creamy-yellow. 5 cents.

Picta Lorenziana.—Most beautiful and distinct in appearance; the flowers form into globular-shaped heads, finely fringed; flowers very early, and continues until frost. 5 cents.



MYOSOTIS.

As a spring-flowering Myosotis it has no equal, but is not good for forcing in winter. With a thin protection of manure it stands our winter first-rate. Packet 10 cents.

Alpestris.—These are half-hardy, and the sorts used mostly by florists.

Alpestris, Blue.—Pkt. 5c.

Alpestris, White.—Pkt. 5c. **Alpestris, Rose.**—Packet 5c.

Alpestris Elegatissima.—A new and distinct Forget-Me-Not, of close, compact growth. The flowers are sky-blue, and the leaves are variegated with silver. Very useful for edging and also for culture in pots. Packet 10 cents; 3 packets for 25 cents.



GAILLARDIA LORENZIANA.



GLAUCIUM.



GYPSOPHILA PANICULATA.

A lovely plant, with the most delicate misty-white flowers, in elegant loose panicles. For using as a decoration in bouquets or vases of cut flowers it has no superior. Blossoms first season, and continues to blossom several years. Make handsome specimens dried. 5 cts.

HELIANTHUS, Sunflower.

A well-known genus of the most showy plants, remarkable for their stately growth and the brilliancy and size of their flowers; also said to absorb the miasma from the atmosphere, thereby being a fever and ague preventive.

GYPSOPHILA PANICULATA New Sunflower, Silver-Leaved.

A new, free-blooming Sunflower, with silvery appearing leaves; very distinct, almost like a Dusty Miller. 5 cents.

Californicus.

Orange; extra large and double, from California; five feet. 5 cents.

Russian Mammoth.

Very large, used for poultry-feed; also oil and fire-wood. 5 cents, ounce 10 cents.

Oscar Wilde.

A small, black-centered variety of great utility as a bedder, and most attractive as a corsage flower. 5 cents.

Cucumerifolius.

A showy variety, growing about 3 feet high, of branching habit; blooms profusely through the season; flowers 2 inches in diameter, orange-yellow with black centre. 5 cents.

Globosus Fistulosus.

A remarkably large, very double, and showy variety, globular formed, bright, rich saffron color. 5 cents.

Green Centred.

Yellow, very double, conspicuous green centre. 10 cents.

HIBISCUS.

For beauty these surpass the favorite Single Holly-hock flower, and for ease of growth they offer the finest collection in the country.

Hibiscus Africanus.

Annual. Large flower; cream color, with rich brown centre. 5 cents.

Hibiscus Coccineus.

Tender. Planted early, will bloom the first year. Immense dazzling scarlet flowers; 3 to 4 feet high; extremely showy. 10 cents.

New Hybrids (Seeds and Plants).

These grand, hardy Hibiscus, which were produced from the types of Moschatus and Californicus after years of careful cultivation and hybridization, are now offered for the first time.

These are perfectly hardy in any place, and each spring send up numerous branches, which form well-established roots, grow 5 to 8 feet high, forming a dense clump. For hedges they are unsurpassed. The flowers are produced in great profusion from July to September, and are about a foot across. The colors range from pure white, through all the shades of bluish and pink, to deep brilliant rose. The seed will, in a good situation, bloom late the first summer. The roots are sure to bloom well and increase in size every year. Do not disturb them for several years, and they will be larger and finer every year. Paper 15 cents, 8 papers for \$1.00. Plants, fine, thrifty, 1 year old, 15 cents each.

Humulus Japonica.

Japan Climbing Hop. 10 cents.

HONESTY (Lunaria).

Early summer free-flowering plants, with silvery seed-pods, much admired for winter decoration with ornamental grasses, etc.; hardy biennials.

Lunaria Biennis.

Purple; very showy. 5 cents.

IPOMOPSIS.

Remarkably handsome free-flowering plants, with long spikes of dazzling orange and scarlet flowers. **Ipomopsis Elegans Sanguinea.**—Scarlet; one of the most brilliant varieties; 5 cents. **Fine Mixed Varieties.**—5 cents.

IMPATIENS SULTANI.

A most valuable addition to our flower gardens. Grows freely and flowers profusely and continually, resembling somewhat a Balsam in habit of growth and shape of leaf. The flowers are single, larger than a 25-cent piece, of the richest carmine-magenta color; is among the very finest plants for bedding or for pot culture in the house; when used for the latter purpose, its continuous bloom renders it very attractive. Packet 10 cents.

LARKSPUR (Delphinium).

Extremely ornamental plants of great beauty, combining the richest possible variety of brilliant and effective colors, with great duration and profusion of bloom; hardy annuals.

Larkspur, Lustrous Carmine.

Of dazzling carmine, surpassing in beauty most of the colors yet obtained. 5 cts.

Double Dwarf Rocket.

Fine mixed; Hyacinth-flowered. 5 cents.

Tall Rocket.

Fine mixed. 5 cents.

Delphinium Formosum.

It is usually supposed to take 2 years before it will bloom. We raise our own seed. It is fresh, and will come up quick and bloom the first year. The roots will remain in the ground from year to year; one of the most lovely, hardy plants we have. Packet 5 cents.

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GIANT WHITE SPIRAL MIGNONETTE.

Stock-Flowered.—Tall, mixed; 2½ feet. 5 cents.

Double Mixed Colors.—One foot. 5 cents.

LEPTOSYNE MARI-TIMA.

(The Mid-Winter Sun-flower.)

A very valuable winter-flowering plant, having rich, golden-yellow flowers, resembling a Sunflower in appearance, and the size of the best single Dahlias. The cultivation is of the simplest description. Seed should be sown during April, the plants potted into small pots and kept over until August out of doors; they should then be either planted in a cool house or potted into 8-inch pots. The temperature most suitable for it is from 50 to 55 degrees. The flowers wear well after being cut, and are produced singly on long, strong stems. Packet 15 cents.

LOBELIA.

A most elegant and useful genus of plants, of easy culture, and well adapted for bedding, edging, pots, or rockeries. They are employed as universally in general summer gardens as scarlet Geraniums, to beds of which they form a neat and attractive edging. Seeds should be covered lightly. Gracilis is fine for hanging-baskets. Speciosa varieties are good for edging.

Lobelia Crystal Palace Speciosa.

Magnificent variety, with large blue and white flowers. 5 cents.

Erinus, Crystal Palace Compacta.

New, densely compact miniature variety, which, during the summer months, is studded with rich deep blue flowers. 10 cents.

Emperor William.

New blue; very compact. 10 cents.

Mr. Murphy.

White. 10 cents.

Queen Victoria.

New scarlet flowering variety, with very constant. 10 cents.

Pumila Grandiflora.

Very compact growing, and admirably adapted for edging. The plants are full of intense, deep, brilliant blue blossoms, opening until frost; 10 cents.

Gracilis.

Very fine for baskets, vases, etc., trailing gracefully and blooming profusely. 5 cents.

Blue Gem.

Of very dwarf, erect growth, only 4 to 6 inches high, and forming dense balls of charming dark-blue flowers. This new variety has been largely used in the ornamental grounds of Forest Hills Cemetery, Boston, where it was much admired. Packet 10 cents, 3 for 25 cents.

White Gem.

This might most appropriately have been called Snowball, as the compact little plants are each a dense ball of the purest white. Invaluable for edgings. The uniform habit of growth and striking contrast of colors make these two new varieties very useful for bedding. Packet 10c., 3 packets for 25c.

Cardinals (Cardinal Flower)

A very brilliant scarlet-cardinal flower, hardy perennial, which often blooms the first season. 10 cents.

Plants of Lobelia Cardinals,

fine and showy, 15 cts. each.

LINUM.

A beautiful and effective genus of plants, of slender and delicate growth, with bright flowers.

Linum Grandiflorum Rubrum.

Scarlet Flax; from Algiers; hardy annual. 5 cts.

LYCHNIS (Burning Star).

Handsome plants of easy culture, growing in any rich garden soil; for massing in beds and borders, blooming the first year; hardy perennials. 5 cents.

LUPINUS.

Bearing large spikes of blue and white pea-shaped flowers. All colors mixed. 5 cents.

MALOE.

Handsome plant, of a branching habit, producing their large flowers in great profusion; very effective in mixed borders; succeed in common garden soil; hardy annuals.

Maloe Grandiflora.

Crimson; 2 feet. 5 cents.

MALVA MOSCHATA ALBA.

A very sweet-scented flower of the snowiest white, shining like satin; belonging to the same family, it is somewhat like a Hibiscus in shape; the flowers are quite lasting, and it will prove desirable for all cut-flower decorations. 5 cts.

MARTYNIA.

Handsome free-flowering plants, producing a fine effect when planted in the open border; flowers as large and handsome as Gloxinias, succeeded by curious double-horned fruit. **Martynia.**—Mixed colors; 1½ feet. 10c.

MARIGOLD.

Well-known free-flowering plants, with handsome double flowers, of rich and beautiful colors. The African is the most striking in large beds or mixed borders.

African Mixed.

Selected from the finest double flowers; very beautiful; lemon and orange. 5 cents.

Miniature, Gold Nugget.

This charming variety is remarkable for its dwarf, dense growth, flowering from July until frost, the blooms being very double, of a peculiar shade of color, like Australian gold. 10c.

El Dorado.

Without exception the very finest type of this showy autumn flower. The flowers are from three to four inches in diameter, perfectly imbricated, and very double.

El Dorado.

The colors run through all shades of yellow, from very light primrose to the deepest orange, and the proportion of double flowers is greater than in any other selection. 10 cents.

French New Gold Striped.

Magnificent stripes of brown and deep gold; very double; plant compact and dwarf. 5 cents.

Meteor (Calendula).

Flowers rich, bright orange, each petal lined with amber-yellow; very large and double; much admired. 5 cents.



MACHET.



BLUE GEM LOBELIA.

increase in size every year. Do not disturb them for several years, and they will be larger and finer every year. Paper 15 cents, 8 papers for \$1.00. Plants, fine, thrifty, 1 year old, 15 cents each.

Humulus Japonica.

Japan Climbing Hop. 10 cents.

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Early summer free-flowering plants, with silvery seed-pods, much admired for winter decoration with ornamental grasses, etc.; hardy biennials.

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Purple; very showy. 5 cents.

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EL DORADO MARIGOLD.

Maloe Grandiflora.

Crimson; 2 feet. 5 cents.

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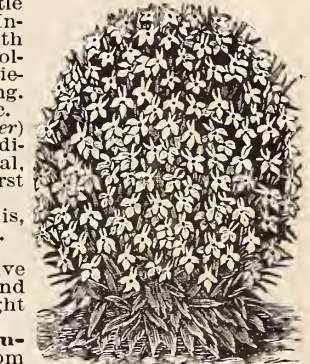
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WHITE GEM LOBELIA.



IMPATIENS SULTANI.



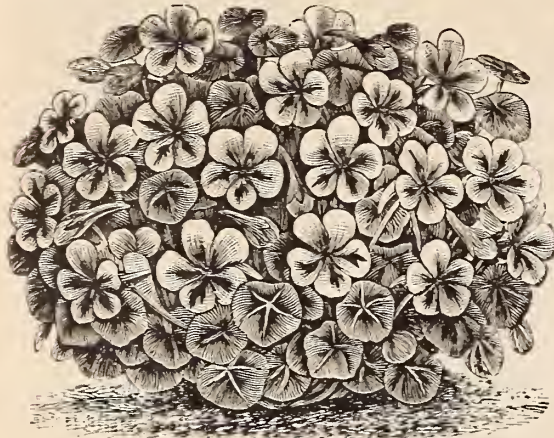
LEPTOSYNE MARI-TIMA.



GOLD STRIPED MARIGOLD.

Prince of Orange (Calendula).—The plant grows 12 to 18 inches high, and produces large, brilliant, deeply imbricated flowers in great profusion from early summer until after frost. The color is very striking, being a pale straw-yellow, striped with a most intense shade of orange, which imparts a glowing tone to the whole flower. 10 cents.

French Dwarf.—Double, brown; 1 foot. 5 cents.



NASTURTIUM, LADY BIRD.



NASTURTIUM.

Quaker City Mignonette.—The flower-spikes are of great substance, very full, rounded at the top, of a handsome gold red color, and unusually rich, sweet fragrance. The foliage is very dark-green, and the magnificent heads are produced profusely and continuously. It should be in every garden, and is also specially adapted for pot culture and florists' use. Packet 10c., 3 packets for 25c.

Dwarf Erect Mignonette.—Its habit of growth is very noticeable in contrast with the older varieties. The dwarf plants, 8 to 10 inches high, are not of the usual straggling habit, but stand up erect, so that a row does not spread more than 8 inches across the top. 26 to 40 flower-spikes



NASTURTIUM, CLOTH OF GOLD.

Cloth of Gold.—Bright gold bars, on dark velvet petals; very handsome and useful. 5 cents.

Butterfly.—A new and beautiful variety. The alternate petals of velvety-brown and old-gold being most clearly defined over the entire plant. 10 cents.

Pigmy Nana Faviflora Brunca (New Dwarf).—The color of flowers is a blending of maroon, ruby and orange, shading to lighter tints. 10 cents.

New Fistulosa Eutea.—Bright brown, yellow. 10 cents.

The above are two new French varieties of recent introduction; flowers of medium size, which are produced in the greatest abundance upon nicely-formed, bushy plants about 15 inches in height.

New French Marigold, Dwarf Double Pulchra.—A charming variety, bearing a great profusion of small double flowers, ground color of a rich golden-yellow; but each petal has a distinct blotch of reddish-brown, giving a most pleasing effect to the flower. Occasionally the flowers come single, but they are, even then, scarcely less beautiful. The plants are of circular form and only 12 inches high, while the foliage is unusually dark-green in color, from which the bright flowers stand out in bold relief. Pkt. 10 cents.



PETUNIA.

MATHIOLA (Night-Scented Stock).

The delicious, rich perfume emitted by the flowers of this plant in the afternoon, evening, and after a shower, is truly delightful, and perceptible some distance off. 5 cts.

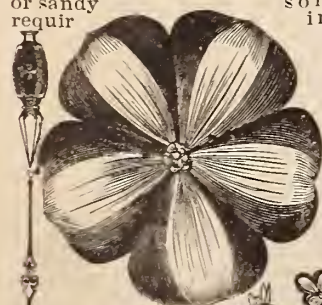
Mathiola Bicornis.—Pink and lilac; 1 foot. 10 cents.

MIMOSA (Sensitive Plant).

Mimosa Pudica.—So sensitive is this plant, that if the leaves are touched they instantly fold up. 5 cents.

MESEMBRYANTHEMUM (Ice Plant).

Profuse flowering, dwarf trailing plants of great beauty, blooming the whole summer, thriving best in a dry, loamy, or sandy soil.



ing a warm, sunny situation; fine for beds, edgings, rockwork, etc.; annual; 6 inch.

M. Crystallinum (Ice Plant).—Flowers white; prized for its singular icy foliage. 5 cents.

Tricolor (War Plant).—Rosy-pink, with purple centre. 5 cents.

Cordifolium Variegata.—A half-hardy perennial trailing variety, with handsome variegated, fleshy heart-shaped foliage, and bright rosy-colored flowers. 10 cents.

MIGNONETTE.

If sown at intervals during the spring and early summer, it will be in bloom till killed by the frost. Seeds sown in autumn will bloom early in spring. Hardy annual; perennial if protected.

Machet.—Another entirely distinct variety, of French origin, especially adapted for pot culture, but equally as fine in the open garden. The plants are dwarf and vigorous, and are of pyramidal growth, distinguished by very thick, dark-green leaves; they throw up numerous stout flower stalks bearing massive spikes of deliciously-scented red flowers. 10c.



PETUNIA RED CROSS.

deliciously-scented red flowers. 10c.

are borne on each small plant. The spikes are well rounded, of great fragrance, and of the same rich color as Machet. The foliage is a very dark-green in color. Packet 10c., 3 pkts. for 25c.

Giant White Spiral.—The following description is from the introducer of this variety: "This grand Mignonette grows 2 or 3 feet high, perfectly erect, and we measured spikes of bloom on our grounds this season which were 15 inches long. Its color is pure snow-white, and the grand spikes of bloom can be seen for a long distance, and being so beautiful in form and color, much unlike anything else in cultivation, it attracts the attention of everybody. Its fragrance is rich and powerful, and it will produce twice as much bloom as any other variety. Seed can be sown in the open ground in April or May, where it will germinate very quick and grow rapidly, and commence blooming early in June. If planted in pots at any time during the year they will soon bloom, and make most beautiful pot plants, especially in the winter and spring. Try it, and you will never cultivate a garden without it. It will far exceed your expectation." 10 cents.

Sweet-Scented.—Large-flowered; the improved old-fashioned favorite. Packet 5 cents, 1/2-ounce 10 cents.

Giant Pyramidal.—This, we are assured by many who have purchased these from us, is "the finest Mignonette they ever saw," and that "no praise could surpass its merits." Large plant, and flowers of the most delicious fragrance. 1/2-ounce 10 cents, packet 5 cents.

Dwarf Compact.—A dwarf robust variety, 10 inches high and 18 in. in diameter, covered with large spikes of reddish-tinted flowers. 10 cents.

Bird's Mammoth.—A very large truss; a fine and popular sort. 5c.

Golden Queen.—A robust, dwarf-habited, compact-growing variety, with very large spikes of flowers most deliciously scented; a decidedly rich shade of yellow. Undoubtedly this will be a great favorite. 5 cents.

MUSA (Abyssinian Banana). The leaves are magnificent, long, broad, and massive, a beautiful green, with a

broad crimson midrib. In our hot summers it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hot-bed or bottom heat in greenhouse. The plant should be taken up before frost and potted. It may be preserved through the winter in the sitting-room, a warm, dry cellar, or a greenhouse.

Musa Eusete.—Packet containing 4 seeds, 25 cents.

NASTURTIUM, DWARF (Tropaeolum Nanum).

The dwarf improved varieties of Nasturtium are among the most useful and beautiful of garden favorites for bedding, massing, or ribboning. Their close, compact growth, rich-colored flowers, and the freedom with which they bloom, all combine to place them in the category of first-class bedding plants; should be grown in rather poor soil; hardy annuals.



PERILLA.

Lady Bird Nasturtium.—Pkt. 10c., 3 pkts. for 25c.
Nasturtium "Chameleon."—The flowers of this new Tom Thumb Nasturtium are in "color crimson, bronze and gold, bordered and flamed, changing in hue almost daily, hence named "Chameleon." Pkt. 10c.
New Tom Thumb Nasturtium, Cloth of Gold.—Entirely unlike all other Nasturtiums, and in striking contrast to the dark-leaved sorts, foliage of this new variety is a clear, bright yellow. Pkt. 20c., 3 for 50c.

Empress of India.—This new dwarf Tom Thumb Nasturtium is of dwarf, bushy habit; the leaves are of a very dark purplish-blue color, making a suitable background for the brilliant crimson-scarlet flowers, which stand out in bold relief. Its profusion of bloom and dazzling richness of color are so remarkable that we take pleasure in recommending it most highly. Pkt. 10 cts., oz. 30 cts.

Tom Thumb Beauty.—Yellow and scarlet. Pkt 5c.
Cœruleum-Roseum.—Beautiful peach color. Pkt. 5c.
Ruby King.—Ruby-rose; dark foliage. Pkt. 5 cts.
Spotted King.—Flowers a rich orange color, spotted with maroon. Pkt. 5c.

Finest Dwarfed Mixed.—The colors are pearl, white, rose, scarlet, maroon, and yellow; the plant is of the most dense, compact habit, forming a very neat and pretty globe-shaped little mound. The seeds are also much valued for pickling. Pkt. 5c., oz. 15c., 1/2 lb. 80c.
Crystal Palace Gem.—Sulphur, spotted maroon. 10c.
Golden King.—Golden-yellow. 10 cts.
Tom Thumb.—Intense scarlet; bluish-green foliage. 5 cts.

King Theodore.—New variety; dark-green foliage; flowers almost black. 10 cts.
Scarlet.—Bright color. 5 cts.
Pearl White.—10 cts.
Spitfire.—New; bright scarlet. 10 cts.

NIGELLA (Love-in-a-Mist).
Da mascena.—Mixed; very showy, hardy annual, with finely-cut leaves and curious blue and white flowers. 5 cts.
NICOTIANA.
Affinis.—It produces splendid, pure white, Bouvardia-like flowers on long terminal tubes. When its large flowers are fully expanded in the evening and early morning it has a most striking effect, and so fragrant that a small bed will perfume the whole surrounding atmosphere; 2 feet. 10 cts.

NEMOPHILA (Love Grove) Mixed.—Many rich, bright colors. 5 cts.
NIEREMBERGIA.
 Very pretty half-hardy plants, perpetually in bloom if sown early; desirable for vases or bedding.
Frutescens.—White, tinted with lilac. 10 cts.
Gracilis.—Slender; purple, with yellow eye. 10 cts.

NOLANA.
 Very pretty trailing plants for rock-work, hanging baskets, flower borders, etc.
Mixed.—All varieties. 5 cts.
ONATHERA (Evening Primrose).
 Fine free-flowering plants.
Primrose Acaulis.—Large shining white flowers; quite transparent. 5 cts.
Primrose Drummondii.—Rich sulphur color; profuse flowerer. 5 cts.

OXALIS.
Tropaeoides.—A splendid little plant for edgings or borders. It only grows 3 to 4 inches high, with neat, beautiful brown leaves, and small, bright yellow flowers. Extensively used for bedding in the public gardens of Boston. Pkt. 10 cts., 1/4-oz. 30 cts., oz. \$1.00.
PERILLA.
 Equal to Coleus for beds and borders.
Nankinensis.—Valuable for bedding purposes and as an ornamental plant. Pkt. 5 cts., 1/2-oz. 10 cts.

Atropurpurea Foliis Laciniatis.—Foliage is regularly cut and fringed in a neat, charming manner. Pkt. 10 cts., 1/2-oz. 15 cts.
New Dwarf Compact.—The most valuable variety for borders yet introduced. The plants grow only 18 inches high. Useful to border a bed of either of the above. Pkt. 10 cts., 1/4-oz. 20 cts.

SUPERB NEW Large-Flowering PETUNIAS.
 Remarkable improvements made of late years.
Black-Throated Superbissima (Intus Nigra).—Superb large flowers, intense black throat beautifully veined on deep crimson-purple; erect habit. Pkt 35c.

White-Throated Grandiflora.—A charming contrast to the above. Packet 35 cts.

Yellow-Throated.—Of faultless form, with a yellow throat of great breadth and depth. Pkt. 35 cts.
Blue Veins Fringed.—Elegant flowers, deeply fringed of various shades of purple, rose and lavender, delicately penciled and veined with deep bluish-purple. Packet 30 cts.

Superbissima.—A grand variety with enormous flowers, purple and crimson, with a very clear throat, richly veined. Packet 25 cts.
Prince of Wurtemberg.—A magnificent variety of the Superbissima type; flowers of extra large size, often 4 to 6 inches in diameter; color dark-purple, with very deep, beautifully-tigered throat. Packet 25 cts.

Princess of Wurtemberg.—Flowers of a charming rose color, with large white throat, veined with maroon. Packet 25 cts.
New Fancy Hybrid Mixed.—A very charming race of unusual beauty. The flowers are of very large size and deeply fringed; they are of various rich, deep colors, beautifully veined and often reflecting a metallic hue. Pkt. 30 cts.

Large-Flowering Finest Mixed.—25 cts.
Red Star.—The plants are a little larger and the flowers considerably larger and more regularly striped than the Nana Compacta. It is constant from seed, and the handsome bushy plants are almost covered with the numerous

bright flowers, each flower having distinct, pure white, star-like stripes on rich purplish-red ground. Pkt. 15 cts., 1/2-oz. 40 cts.

PETUNIA (Grandiflora Section).
Large-Flowering Striped Mixed.—Very fine strain, with extra large and perfect flowers. 20 cts.
Large-Flowering Brilliant Rose.—New, large flowers of great beauty. 20 cts.
Large-Flowering Pure White.—Very fine variety, with beautiful, large, pure white flowers. 20 cts.
Large-Flowering Fringed and Stained.—Fringed varieties in splendid mixture. 25 cts.

Petunia Hybrid, Superfine Mixed.—From a superb collection of all colors, including the finest striped and blotched varieties. This seed for bedding or massing is the best strain obtainable. Pkt. 10 cts., 1/4-oz. 30 cts., 1/2-oz. 50 cts., oz. \$1.00.
Inimitable Nana Compacta Multiflora.—This charming variety has proved a decided acquisition; its little bushy plants, 6 to 8 inches high by as much in diameter, studded with their regularly-striped flowers, are exceedingly effective. 10 cts.
Couness of Ellesmere.—Rose, white throat; great bloomer. 5 cts.

DOUBLE PETUNIAS.
Grandiflora Flore Pleno.—Saved from special flowers; finely marked and of large size. 25 cts.
Grandiflora Fimbriata Flore Pleno.—Also saved from finely-fringed and very distinctly blotched flowers; the very finest quality possible to obtain. 35 cts.
PYRETHRUM (Golden Feather Varieties).
Anreum.—6 inches. 10 cts.
Aureum Laciniatum.—4 inches. 10 cts.
Golden Gem.—2 feet. 10 cts.

A collection of them produces the finest display it is possible to imagine. Very much pains have been bestowed upon them by the raiser, who has been carefully selecting them for some years past. In choicest mixture. Pkt. 25 cts.

Oriental Poppy, or Papaver Orientale, or Monarch Poppy.—This variety will bloom the following spring, if the seed is sown in the fall. The foliage is massive and beautiful, and the flowers are simply grand, both in size and coloring, borne on a flower-stem from 2 to 3 feet high. The flowers often measure 6 to 9 inches across. Rich scarlet, with large black blotches at base, with a beautiful and curious roseate centre. Pkt. 10 cts.

Poppy "Red Cloud" (Brachyceras).—A grand variety; equal in size to the Oriental, with intense, deep crimson-scarlet flowers. Pkt. 5 cts.
White Alpine Poppy "Snowflake" (Alpine Album).—Will bloom the first year. This charming variety is seldom seen, but is most lovely. Pkt. 10 cts.

Papaver Croceum "Orange."—Beautiful dwarf class of perennial Poppies that bloom the first year from seed. Very bright and showy, with flower-stalks 1 foot high. Pkt. 10 cts.
Croceum, Large White.—Beautiful pure white flowers. Pkt. 10 cts.

Horned Poppy (Glaucium Luteum).—A showy plant for borders, the foliage resembling the White Centaurias, or Dusty Miller, and the flowers a striking yellow. The seed-pods are long and twisted, and resemble horns. Pkt. 5 cts.

Papaver Nudicaule (Iceland Poppy).—They are of a very graceful, neat habit, having attractive, bright green fern-like foliage, formed in tufts, from which issue slender stalks about 12 inches in height, surmounted by yellow, white or orange-scarlet flowers of perennial duration. **Nudicaule.**—Flowers of a bright cheerful yellow color. Pkt. 5c.

Papaver Alba.—Pure white flowers. Pkt. 10 cts.
Papaver Miniatum.—Flowers of an intense orange-scarlet color. Pkt. 10 cts.

ANNUAL SINGLE VARIETIES.
"Mikado."—New; this new, charming sort is very distinct and strikingly beautiful. The petals are beautifully cut, and fringed on the outer ends, while they come together whole at the base. The location of the colors is very strange. The base of the petals, or body of the flowers is pure white, while the fringed ends of the petals are of a brilliant crimson-scarlet, making a strange and beautiful contrast. Pkt. 10 cts.

Peacock Poppy.—New; this variety grows about 2 feet high, and is a very free bloomer; rich crimson ground, with a rich, black peacock blotch. Pkt. 10 cts.

Daneborg (Danish Flag).—Colors and markings being precisely like the Danish national flag. Pkt. 5c.
Umbrosium.—The color is a most intense crimson-scarlet, each petal having a large black blotch at the base; flowers borne singly, on stems a foot high, lasting quite two months in perfection. Pkt. 5 cts.

DOUBLE VARIETIES.
Japan Pompon Poppies.—This new class of double miniature Poppy is very telling in effect. The plant is quite dwarf, and flowers quite small, but very double and perfect in form. Profuse in blooming, and exhibits an endless range and combination of colors. Pkt. 10 cts.

Snowdrift.—A grand new variety of very dwarf and compact habit, bearing pure snow-white flowers, as large and fine as any Pæony. This and Crimson King attracted great attention the past season. They



MIKADO POPPY.



CARNATION POPPIES.

are two of the finest novelties of this year. Be sure to give them a trial. Pkt. 10c.

DOUBLE PETUNIAS.
Grandiflora Flore Pleno.—Saved from special flowers; finely marked and of large size. 25 cts.
Grandiflora Fimbriata Flore Pleno.—Also saved from finely-fringed and very distinctly blotched flowers; the very finest quality possible to obtain. 35 cts.

PYRETHRUM (Golden Feather Varieties).
Anreum.—6 inches. 10 cts.
Aureum Laciniatum.—4 inches. 10 cts.
Golden Gem.—2 feet. 10 cts.

PERENNIAL VARIETIES.
Shirley Poppies Novelty (Papaver Rhæus Varieties).—A new strain of these beautiful annual Poppies, which are eminently deserving of very extensive cultivation. They are so easily grown, and produce such an abundance of flowers over a very protracted period. The colors are blended in the most beautiful and showy fashion, and include almost every shade from pale rose to the most dazzling crimson-scarlet, blotched and variegated in many styles.

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WEBB'S
NEW
STERLING
POPPY.

Crimson King.—Deep dazzling crimson; otherwise like the above, except, perhaps, a little taller. The two make a splendid contrast. Pkt. 10 cts.
Vesuvius Poppy.—New last year; very large and double; a burning scarlet; petals beautifully fimbriated. The calyx are pure white, presenting the appearance of a Victoria cross on black. Pkt. 10 cts.

Carnation Double, or Peony-Flowered.—Mixed; splendid, large double flowers of the brightest colors. Height 3 to 4 feet. Pkt. 5 cts.

Carnation Double Dwarf.—Mixed; equally as fine flowers, but plants of dwarf habit. Pkt. 5c.

Ranunculus-Flowered.—Small; double. Pkt. 5 cts.

Chinese Double Dwarf.—Very striking variety, with a wide range of color. Pkt. 5 cts.

Fine Double Poppies.—All colors and varieties, mix'd. We have a superior strain of these, with flowers as fine as largest double Dahlias. The colors are distinct, and range from red to pure white, maroon, and crimson. Pkt. 5 cts.

PORTULACCA.

The fine double flowers are as handsome as rosebuds. They thrive in dry sandy soil, where most things will die. For window-boxes they are very desirable.

Portulacca Grandiflora fl. pl.—These seeds have been selected from large double flowers of the most



PORTULACCA.

"ROSE OF HEAVEN" (Viscaria).
 A profuse-flowering annual. Growing extremely easy and fine for beds.
White.—5 cts. | **Scarlet and White.**—5c.
Blue.—5 cts. | **Finest Mixed.**—5 cts.
SABBATIA CAMPESTRIS.
 Packet 10 cents.

SEDUM (Stonecrop).
Sedum Cœruleum.—Annual; blue; 3 inches. 10 cts.
SILENE.
Carnea Plena.—10 cts. | **Compacta Alba fl. pl.**—10c.
SWEET SULTAN.
Centaurea Suaveolens.—5 cts.

SOLANUM.
Solanum Capsicastrum (Jerusalem Cherry).—Miniature orange-tree, covered all winter with a profusion of scarlet fruit. Half-hardy annual; 1½ feet. 10c.
STOCKS (German Ten Weeks, Gilliflower).
Hamilton's Stock. Finest mixed. 10 c.
Giant Perfection. 10 cts.
Shrimp Pink.—A most lovely variety. 15 cts.
Pyramidal Dwarf. Extra-fine strain, fine for bedding. 10c.
Finest Mixed.—10c.
Hardy's All-the-Year-Round.—A wonderful blooming sort; extremely graceful; pure white 10 cts.
Emperor Hybrid. Very fine; beautiful colors. 10 cts.

SALPIGLOSSIS.
Mixed.—Best colors from choice plants. 10 cts.

SALVIA.
Splendens (Scarlet Sage).—Most gorgeous plants, with spikes of intensely rich scarlet flowers, that continue in profusion until frost. 10 cts.

SANVITALIA.
Sanvitalia Procumbens.—Single yellow. 5 cts.
Procumbens Flore Pleno.—Double golden-yellow. 10 cts.

SAPONARIA (Bouncing Bet).
 Beautiful compact-growing plants, with masses of miniature cross-shaped flowers, blooming throughout the summer and late in the autumn; annual.
Mixed.—All colors; 6 inches. 5 cts.

SCABIOSA (Mourning Bride, or Sweet Scabious).
 Very useful for cut flowers and bouquets.
Scabiosa, Large-Flowered (Scabiosa Atropurpurea Major).—White.—5 cts. Flesh Color.—5 cts. Fiery Red.—5 cts. Black-Purple.—5 cts.
Atropurpurea Major Compacta.—Black-purple and white. 5 cts.

Scabiosa, Large-Flowered Double (Scabiosa Atropurpurea Grandiflora fl. pl.).—White and Lilac.—5c. Cherry-Red.—5 cts. Cherry-Red and White.—5 c. Black-Purple.—5 cts. The Same Mixed.—5 cts.
Scabiosa, Dwarf Double.—White.—5 cts. Flesh Color.—5 cts. Rose.—5 cts. Dark Brick-Red.—5 cts. Striped.—5 cts. Azure-Blue.—5 cts. Black-Purple.—5 cts. The Same Mixed.—5 cts. Nana fl. pl. Foliis Aureis.—Golden leaved. 10 cts.

Scabiosa Caucasia.—A lovely perennial variety; new. This is one of the handsomest hardy perennials we possess, and one which should be grown by every one. It grows from 1½ to 3 feet high, forming a spreading dense tuft, thriving well in any open place in ordinary garden soil. Pkt. 10 cts.

SCHIZANTHUS.
 Useful annuals, 1½ to 2 feet in height, literally covered with curiously-spotted and blotched flowers of bright colors.
Papilionaceus (Butterfly Flower).—5 cts.
Pinnatus Roseus.—10 cts. | **Mixed.**—All colors. 5 cts.

SENECIO (Jacobæa).
Elegans Pomponicus.—Pkt. 10 cts.

Large-Flowered Emperor.—10 cts.
Snowflake.—15 cts.
Dwarf German Ten Weeks.—Large-flowering. Choice mixed. 5 cts.
Pure White.—10 cts. | **Brilliant Rose.**—10 cts.
Purple.—10 cts. | **Light Blue.**—10 cts.
Scarlet Victoria.—10c. | **Canary-Yellow.**—10 cts.

VENIDIUM.
Calenduloides.—10 cts.
VIRGINIAN STOCK.
Red and White, Mixed.—5 cts.

VERBENA.
 See novelties and specialties.
Special Selection.—For florists' use, and others wanting the very best. Large pkt. 25 cts., ¼-oz. \$1.00.
Finest Mixed Seed.—Pkt. 10 cts., ¼-oz. 50 cts.
Pure White.—Pkt. 15 cts., ¼-oz. \$1.00.
Brilliant Scarlet.—Pkt. 15 cts., ¼-oz. \$1.00.

WHITLAVIA.
 One of the most charming California annuals.
Finest Mixed.—5 cts.

"CARNATION STRIPED" ZINNIA.
 This is much the finest strain for sale; 75 per ct. will show distinct and beautiful markings. Pkt. 10 cts., ½-oz. 15 cts.

"Golden-Yellow" Zinnia.—This strain of Yellow Zinnia is the finest we have ever seen. The flowers are large, full and shapely, every seed coming true to the color. A row of these present an unbroken mass of golden-yellow color. Pkt. 10 cts., ½-oz. 25 cts.

"Pompon" Zinnia.—This is not a new strain, but our stock is the finest selection we know of. The flowers are small and deep, of exquisite colors; the small petals laying down as softly and handsomely as the plumage of a bird. Pkt. 10 cts.

"Grandiflorum Plenissimum."—This was a highly lauded novelty from Europe last year, and it is a remarkably fine strain. The flowers, as the word implies, are immense in size, very deep and full, and always extremely double, with an infinite range of brilliant coloring. Pkt. 10 cts., 3 for 25 cts.

Elegans Pumila Coccinea (Fire Ball).—Bright scarlet. This is a perfect beauty. The plants grow dwarf and bushy, and are thickly studded with these brilliant scarlet flowers of dazzling scarlet hues. No scarlet Zinnia is its equal. Pkt. 5 cts.

Elegans Pumila Alba (Snow Ball).—This is of the same dwarf bushy habit, and like its scarlet companion produces its pure white flowers in the most copious profusion. Pkt. 5 cts.

Childs' Improved Double-Flowered Zinnia.—This is a great improvement over all the strains of the double-flowered varieties. The flowers are wonder fully large, always double. Very deep, and closing almost around stem, forming in many cases almost an oblong ball of colors, rich and very striking; no dull, neutral colors in this selection. Pkt. 10c., 3 for 25c.

Double Large-Flowered Zinnia.—This is a very fine strain of Double Zinnias that we have grown for many years. Pkt. 5 cts.

HALLOCK'S WILD GARDEN SEEDS.

The introduction of these has proved a most marked success, and we are daily in receipt of the most satisfactory evidence of the estimation in which the wild garden is held, wherever this modest phase of horticulture has found a home. "Wild Garden Seeds" are a mixture of over 100 varieties of hardy flower-seeds, and being mixed together can be offered at a much less price than when sold in separate packets.

Special Mixture of tall and large foliage varieties for backgrounds, etc. Perennials and annuals mixed. ½-oz. 15 cts., oz. 25 cts.

Special Dwarf Mixture of elegant perennials and annuals. ¼-oz. 20 cts., oz. 30 cts.

Special Tall Mixture of perennial varieties only. Pkt. 10 cts., ½-oz. 25 cts.



SCHIZANTHUS.

beautiful and brilliant colors, and will produce a large proportion of double flowers of unsurpassed beauty. 10 cts.

Double Scarlet.—10 cts. | **Orange.**—10 cts.
Carnation Striped.—10c. | **Salmon.**—10 cts.
White.—10 cts. | **Mixed.**—10 cts.

Single Varieties.
 These bloom very freely, and produce a sheet of flowers.

Alba Oculata.—White, with purple blotch, with red stalk; very distinct and fine. 5 cts.
Aurantiaca.—Orange. 5c. | **Rosea.**—Rose. 5 cts.
Large-Flowered Flesh.—Flesh color. 5 cts.
Thellusonii.—Scarlet. 5 cts.
Albiflora.—White. 5c. | **Finest Single Mixed.**—5c.

PHACELIA.

Campanularia.—10 cts.

RICINUS (Castor-Oil Bean).

Gibsoni Coccineus.—Pkt. 10 cts., oz. 25 cts.
Cœrulescens.—Bluish-green; very fine. 10 cts.
Gibsoni Mirabilis.—A splendid new variety, of remarkably showy and beautiful appearance. The graceful leaves are of a clear bronze color, with carmine veins; the bright carmine fruits are produced in large bunches. 10 cts.
Gibsoni (Duchess of Edinburgh).—Dark-purple stems and leaves; very handsome. 5 cts.
Guyanensis Nanus.—A dwarf variety, growing only 2 to 3 feet high, pretty rose-colored fruits. 10 cts.
Borboniensis.—Of noble aspect; 15 feet high. 5 cts.
New Species from the Philippines.
Sanguineus.—Red stalks, scarlet fruit; 6 feet, 5 cts.
Mixed.—Many choice varieties. 5 cts.
Minor Dwarf Varieties, Mixed.—5 cts.



NEW STOCK SNOWFLAKE.

CONSERVATORY AND GREENHOUSE SEED - Biennials, Perennials and Climbers.

Calceolarias, Cinerarias and Primulas.

We supply to people wanting the very best. We have made a specialty of this for years.

CALCEOLARIA (Shower of Gold).—Finest-formed and most brilliantly-marked flowers. 25 cts.; large pkt. 50 cts.

“ **Shrubby or Bedding.**—Largely raised for bedding out. 25 cts.; large pkt. 50 cts.

CINERARIA GRANDIFLORA.—A very showy and perfect strain. 25 cts.; large pkt. 50 cts.

“ **Dwarf.**—A dwarf compact-growing sort. 25 cts.; large pkt. 50 cts.

PRIMULAS (Primroses).—**Azure Blue (New).**—The best strain extant. 50 cts.

“ **Queen of the Whites.**—Perfect white. 25 cts.; large pkt. 50 cts.

“ **Alba Magnifica.**—White fringed, small yellow eye. 25c.; large 50c.

“ **Ruby Queen.**—Fringed purplish-red. 25 cts.; large pkt. 50 cts.

“ **Rubra Violacea.**—Fringed velvety violet. 25 cts.; large pkt. 50 cts.

“ **Rubra.**—Rich ruby color, fringed. 25 cts.; large pkt. 50 cts.

“ **Scarlet Gem.**—Scarlet crimson fringed. 25 cts.; large pkt. 50 cts.

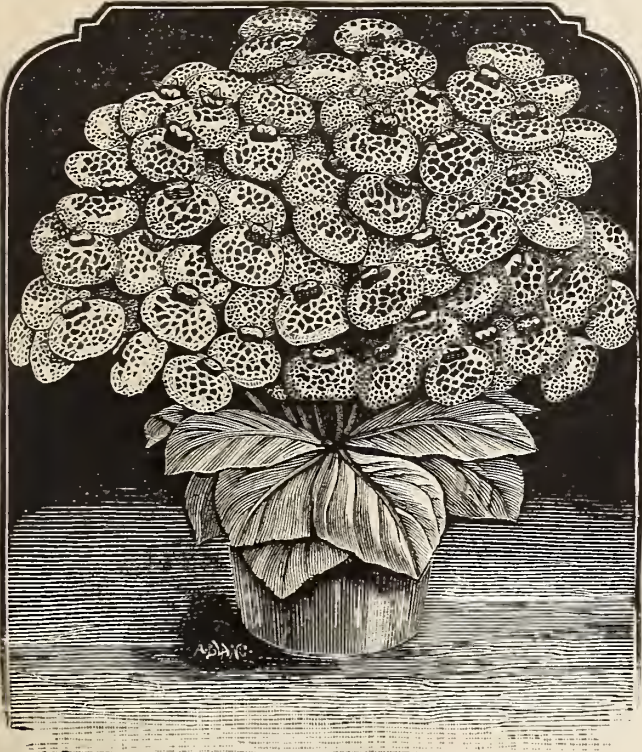
“ **Cheswick Red.**—Striking rich red, fringed. 25 cts.; large pkt. 50c.

“ **Rubra fl. pl. (Double Red).**—Rich color. 30 cts.; large pkt. 50 cts.

“ **Snowflake (Double White).**—Fine perfect double white. 30c.; large 50c.

“ **Crimson Velvet (Double).**—Velvety crimson. Best double crimson. 30 cts.; large pkt. 50 cts.

Plants of the above varieties, 25 cents each by mail.



CALCEOLARIA (SHOWER OF GOLD).

PRIMULA OBCONICA.—Almost a hardy perpetual blooming variety. We make a specialty of this popular plant. Small white flowers, tinged with pink. 25 cts.; large pkt. 50 cts. Large plants 25 cts. each.

GLOXINIA.—**French Hybrids.**—Splendid mixtures of the finest varieties of recent introduction. 25 cts.; large 50 cts.

“ **Hybrida Alba.**—New pure white. Pkt. 50 cts.

“ **Hybrida.**—New French Tigered and spotted Hybrids, saved from a selection of finest and most beautiful sorts. 30c.; large pkt. 50c.

“ **Hybrida Crassifolia Grandiflora Erecta.**—Finest mixed. 30 cts.; large pkt. 50 cts.

BEGONIAS.—**Tuberous-Rooted Hybrids.**—Mixed. Our seed is saved from the finest varieties of these splendid flowers. Seedlings bloom in six or eight months. Pkt. 30 cts.

“ **Double Mixed.**—Splendid double flowers of various colors; superb. Pkt. 50 cts.

CARNATION.—**Perpetual Flowering.**—Saved from our collection. Small pkts. 25c.

“ **Early Dwarf “Vienna.”**—(New.) Fine; free and early bloomer. 15 cts.

“ **Picotee.**—Double Yellow. Small pkt. 25 cts.

“ **White.**—Small pkt. 25 cts.

“ **Flake and Bizarre.**—Small pkt. 25 cts.

“ **Mixed.**—Small pkt. 25 cts.

COLEUS SEED.—Choicest new sorts, mixed. A superb stock, which will produce magnificent varieties. Pkt. 15 cts.

CYCLAMEN GIGANTEUM.—Mixed. 25 cts.

“ **White.**—50 cts.

“ **Dark Red.**—50 cts.

“ **PERSICUM.**—Mixed. 20 cts.

CENTAURIA (Dusty Miller).—**Gymnocarpa.**—Downy, dusty-white leaves. 10c.

“ **Candidissima.**—Silvery-leaved, fine. 10 cts.

ABUTILON.—Blossoms freely from seed; best mixed. 10 cts.

DAISIES (Bellis Perennis).—Double white. 15 cts.

“ **Double mixed.**—15 cts.

“ **Longfellow.**—Flowers dark rose; very large. 25 cts.

GERANIUM, Apple Scented.—Soak seed in warm water one hour. 15 cts.

“ **Double and Single Mixed.**—Fine sorts. 15 cts.

HELIOTROPE.—Fine sorts. 10 cts.

LANTANA.—All colors mixed. 10 cts.

MIMULUS (Musk or Monkey Flower) Asprens Hybrids. 10 cts.

MATRICARIA (Feverfew) Eximia, fl. pl.—Double white. 10 cts.

“ **Alba Plenissima.**—Purest white sort. 10 cts.

PYRETHRUM (Golden Feather) Auream.—Golden yellow. 10 cts.

“ **Aureum Laciniatum.**—Yellow fringed. 10 cts.

“ **Golden Gem.**—Large white flowers; bright gold leaves. 10 cts.

PAMPAS GRASS (Gynerium Argenteum).—10 cts.

TORENIA FOURUIERI.—Lovely sky-blue trumpet flower. 15 cts.

AGAPANTHUS.—10 cts.

FERN.—25 cts.

CLIANTHUS DAMPIERI (Australian Glory Pea).—The seed comes up poorly. 25 cts.

FUCHSIA.—25 cts.

LEMON VERBENA.—10 cts.

NIERAMBERGIA GRACILIS.—Sown early and planted out in May; blooms all summer; fine basket plant. 5 cts.

Hardy Biennials and Perennials.

ALYSSUM SAXATILE (Gold Dust).—Golden yellow. 5 cts.

AQUILEGIA, Finest Mixed.—Seed from over 100 named varieties. 10 cts.

“ **Plant.**—Fine hybrids. 15 cts. each.

AURICULA (Hardy Primrose).—10 cts.

ADONIS, Vernalis.—Bright yellow. 5 cts.

IBERIS (Hardy Candytuft) Semperflorens. 10 cts.

“ **Gibraltarica.**—10 cts.

COREOPSIS LANCEOLATA, Dosoris Strain.—Extra fine perennial, lovely yellow flowers. 10c.

“ **Plants.**—15 cts.

DELPHINIUM FORMOSUM.—Seed. 10 cts.

“ **Plants.**—15c. each.

DIGITALIS GLOXINOIDES.—5 cts.

HOLLYHOCKS.—Fine double white. 10 cts.

“ **Double pink.** 10 cts.

“ **Midnight.**—Double black. 10 cts.

“ **Double mixed.** 10 cts.

CAMPANULAS, Calycanthema Media.—Extra. 10c.

“ **Finest mixed.** 5 cts.

Further varieties see page 38.

PERENNIAL SWEET PEA.—Pure white. 10 cts.

“ **Pure red.** 10 cts.

“ **Finest mixed.** 10c.

SWEET WILLIAM, Improved.—Mixed. 10 cts.

“ **Double mixed.** 10 cts.

“ **Double white.** 10 cts.

“ **Single mixed.** 5 cts.

GENOTHERA, Lamarckiana.—The finest of all the evening primroses; flowers large, yellow. 10 cts.

“ **Maesocarpa.** 10 cts.

WALL FLOWER.—Double mixed. 5 cts.

VIOLET, Czar.—10 cts.

“ **Sweet scented.** 10 cts.

“ **White.** 10 cts.

YUCCA FILAMENTOSA.—10 cts.

GLADIOLUS.—From our collection. 10 cts.

“ **Lemoine's Hybrid.**—10 cts.

LILY, Tenuifolium.—25 cts.

“ **Pulchellum.**—25 cts.

HYACINTHUS CANDICANS.—10 cts.

Hollyhock Plants, see page 55.

Coreopsis Lanceolata and Delphinium Formosum are beautiful, hardy plants. The two varieties of evening Primroses we offer are the best of all for blooming.

Violets, see page 52.

Yuccas are not planted as much as they ought to be.

Moon Flower plants 20 cents each.

Ampelopsis Veitchii plants 20 cents.

Passion Vines (Passifloras).—The blue and white live out all winter. Most people do not know they are hardy. Seed 10 cents, plants 15 cents.

Climbers.

AMPELOPSIS VEITCHII.—10 cts.

“ **Quinquefolia.**—10 cts.

MORNING GLORY.—Major fine mixed. 5 cts.

COBEA SCANDENS.—10 cts.

GOURDS.—Fine mixed. 5 cts.

CANARY BIRD FLOWER.—10 cts.

MOONFLOWERS, Ipomoea Noctiphiton (Common Moonflower, or Evening Glory).—Flowers pure white, 4 to 5 inches in diameter; very rapid grower and free bloomer. 20 cts. each; \$2.00 per doz. Seed of the above. 15 cts.

“ **Ipomoea Learei (The Blue Moonflower).**—This is a grand companion for the white variety. It is similar in all respects, except the color, which is a lovely satin blue with crimson bars. When grown with the white one the contrast is striking, and the effect grand. 30 cts. each; 4 for \$1.00. Seed. 10 cts.

IPOMOEA, Madame Anne.—White and scarlet stripe. 5 cts.

“ **Bona Nox (Good Night).**—Lilac. 5 cts.

“ **Coccinea.**—Scarlet; small flowers. 5 cts.

“ **Yellow;** small flowers. 5 cts.

“ **Mexicana Grandiflora Alba.**—Large white. 10 cts.

“ **Limbata.**—Bordered purple and white. 5 cts.

CYPRESS VINE.—Star-shaped flowers and beautiful cut foliage.

“ **Mixed Colors.**—5 cts., 1/2 oz. 10 cts.

“ **Scarlet.**—Fine deep color. 5 cts.

“ **White.**—5 cts.

“ **Cruel Plant (Physianthus Albens).**—A most attractive climbing plant of rapid growth, succeeding better from seeds than slips. It produces great clusters of flowers with the fragrance of a Jessamine, and shaped like a single Tuberose. A peculiarity of this plant is that insects attempting to extract the honey from its flowers are imprisoned and starved to death, hence its name, Cruel Plant. Large plants can be lifted in the fall and placed in green-house or window over winter. 10 cts. per pkt.

PASSIFLORA CÆRULEA. 10 cts.

MAURANDYA.—Abundant bloomers, and very desirable for the greenhouse and garden. Should be in every collection.

“ **Antirrhiniflora.**—10 cts.

“ **Barclayana.**—10 cts.

“ **Alba.**—10 cts.

“ **Emeryana Rosea.**—10 cts.

“ **Purpurea Grandiflora.**—10 cts.

“ **Semperflorens Rosea.**—10 cts.

“ **Violacea.**—10 cts.

“ **Mixed.**—In varieties. 5 cts.

Everlastings, for Winter Bouquets, Vases, etc.

ACROCLINUM Roseum.—Light rose; one foot. 5 cts.

“ **Album.**—Pure white; one foot. 5 cts.

GLOBE AMARANTHUS (Gomphrena).—The Globe Amaranth are known by their round heads of flowers; also called “Batchelor's Buttons. An old favorite for winter bouquets.

“ **Golden Yellow.**—Two feet. 5 cts. **White.**—Two feet. 5 cts. **Red.**—Two feet. 5 cts. **Fine Mixed.**—5 cts.

HELICHRYSUM.—Exceedingly handsome and ornamental plants for mixed borders, and peculiarly desirable as dried specimens.

“ **Aureum.**—Golden yellow, 2 feet, 5c. **Bracteatum Album.**—White, two feet, 5 cents. **Fireball.**—A new everlasting of the richest crimson-maroon color. 10 cts. **Fine Mixed Varieties.**—5 cts. **Roseum fl. pl.**—Double rose, two feet, 10 cts.

RHODANTHE.—Fine and symmetrical flowers for mixed borders, or when dried, for winter decorations, for which they are much used.

“ **Alba.**—White, very showy. 10c. **Manglesii.**—Bright rose, 1 ft 10c. **Fl. Pl.**—Double bright rose. 10c. **Mixed.**—Of above. 5 cts.

Ornamental Grasses.

AGROSTIS NEBULOSA.—Fine. 5c.

AURONDO DONAX.—10 cents.

“ **Variegata.** 10 cts.

AVENA STERILIS.—Annotated oats. 5c.

BROMUS BRIZAEFORMIS.—5 cts.

COIX LACHRYMA.—Job's tears. 5 cts.

ERIANTHUS RAVENNEA.—Much like Pampas Grass. 10 cts.

STIPA PENNATA (Feather Grass).—Delicate and very beautiful. 5 cts.

GYNERIUM ARGENTEUM (Pampas Grass).—This is the noblest of the tall-growing grasses, and bears magnificent plumes, much used in floral decoration. 10 cts.

ZEA JAPONICA (Miniature Maize).—Ornamental varieties of Corn. Z. Japonica has beautifully striped leaves. 10 cts.

BRIZA MAXIMA.—Very useful. 5 cts.



GLADIOLI COLLECTIONS.

TO most people who have seen the finer varieties of Gladioli, estimate their beauty above that of any other flower. To some an Orchid is sometimes considered the acme of floral beauty. But taking not only the cost into account, trouble, patience and skill required to flower them, we still think the Gladioli the handsomest. With the Orchid spray we will at last tire, but with the Gladioli we can never.

Our collection of Gladioli is the finest in existence. Our seedlings, mixtures, and varieties under color are the highest grade of quality sold. We know conclusively that our named varieties are kept more correct to name than any sold.

NEW COLLECTIONS OF GLADIOLI AT SPECIAL LOW PRICES. WE PUT THESE COLLECTIONS UP IN IMMENSE QUANTITIES AND SELL THEM VERY LOW.

Again we call your attention to our special collection of Gladioli. We court criticism from the most critical sources, and if in regard to **quality or prices** these collections are not satisfactory, we tell you candidly that they are the best we can do. We know each and every variety, and know that there is not now a single poor one; while we can assure you that in these collections some of the **very finest** Gladioli are included.

COLLECTION No. 1.

10 FINE NAMED VARIETIES, - - 50 CENTS.

- Napoleon III.**—Bright scarlet, white line in the centre of the petals.
- Mad. Monneret.**—Soft rosy pink; late variety.
- Marie Lemoine.**—Long spike of fine, well-expanded flowers; upper divisions of a pale creamy color, flushed salmon-lilac, lower divisions spotted purplish-violet bordered deep yellow.
- Angele.**—Soft mother of pearl color.
- Le Titien.**—Very brilliant rosy-scarlet.
- Noemi.**—Light rosy-lilac.
- Sylphide.**—White, flamed with carmine; large purple-carmine blotch.
- Isaac Buchanan.**—Best yellow.
- Ceres.**—Pure white, large purplish-rose blotch.
- Eugene Scribe.**—Fine vigorous sort; flowers stand well and of good substance.

COLLECTION No. 2.

10 EXTRA FINE VARIETIES, - - 75 CENTS.

- La Candeur.**—White, lightly striped with carmine-violet.
- Conde.**—Light orange-red, white blotch feathered carmine.
- Phebus.**—Brilliant red, with large conspicuous pure white blotch.
- Meyerbeer.**—Brilliant scarlet flamed with vermilion; amaranth-red blotch.
- Romulus.**—Very brilliant dark red; large pure white blotch; large white lines on the lower petals.
- Amalthee.**—Pure white, with large violet-red blotch; ground of the corolla velvety-violet, the lower petals slightly tinted with lilac.
- Astree.**—Pure white, with distinct violet-carmine blotch; throat suffused with pale lilac.
- Conquete.**—Large and fine flower of bright cherry-red, with a conspicuous pure white blotch; upper petals striped with delicate rose.
- Reine Victoria.**—Pure white; dark carmine blotch.
- Addison.**—Deep amaranth.

COLLECTION No. 3.

10 SUPERFINE NAMED VARIETIES, - \$1.50.

- Shakespeare.**—White, very slightly suffused with carmine-rose; large rosy blotch.
- Bicolore.**—(1882.) Large flowers of bright rosy-salmon, except lower petals, which are ivory-white, suffused with rose at the edges.
- Africain.**—An entirely distinct variety of quite a novel color—slaty-brown on scarlet ground, streaked

- with scarlet and pure white, with conspicuous white blotch; dark colored; dense spike.
- Fatma.**—Very large flowers of ivory-white ground, profusely striped and suffused with bright rosy-salmon; violet blotch on creamy ground.
- Baroness Burdett-Coutts.**—Delicate lilac, tinged with rose; flamed rosy-purple; spike very long, flowers unusually large.
- Hesperide.**—Profusely blotched and flaked bright rosy-salmon, on a pure white ground.
- Reine Blanche.**—Pure white; dark carmine blotch.
- Van Spandonk.**—Fiery-red; splendid.
- Talma.**—Rosy-carmine flowers, flamed with bright carmine and striped scarlet and pale violet; blotch amaranth-red, speckled sulphur-yellow.
- Pepita.**—Bright golden-yellow flowers, slightly striped carmine at the edges of the petals towards the end of the flowering season. The most free-flowering yellow variety of all.

Separate Colors—For Bedding or Forcing.

- In order to avoid all mistakes, please add the letters in front of the varieties, when ordering, so we may not be mistaken in the quality wanted.
- R-Varieties of Red and Scarlet.**—3 cts. each, 30 cts. per dozen, \$2.00 per 100.
- L-Light Colors.**—No scarlet or solid dark colors. 4 cts. each, 50 cts. per dozen, \$2.50 per 100.
- W-White and Light.**—This is a standard selection of named varieties mixed by us as sold. It is very desirable for those wanting light and white flowers. 8 cts. each, 75 cts. per dozen, \$5.00 per 100.
- W1-White and Light.**—Extra fine for florists' use. 10 cts., \$1.25 per dozen, \$8.00 per 100.
- P-Pink Striped and Variegated.**—3 cts. each, 50 cts. per dozen, \$3.50 per 100.
- Y-Yellow in Variety.**—4 cts. each, 60 cts. per doz., \$4.00 per 100.
- S-Salmon and Salmon Rose.**—8 cts. each, 75 cts. per dozen.

EARLY FLOWERING GLADIOLI.

GLADIOLIS CONVILLII—THE BRIDE.—This is not a French Hybrid, but a species. It is a very light, graceful variety, having pure white blossoms, and is one of the most popular cut flowers in the London and Paris markets. All who forced it for the first time last year have greatly increased their orders for this year. 4 cts. each, 36 cts. per dozen.

MISCELLANEOUS HARDY GLADIOLUS.

These are the hardiest of all Gladioli.
Byzantium.—Crimson-purple; pretty orchid-shaped flowers, small, and very early. 5 cts. each.

- Dracocephalus.**—A most curious bronzy-yellow flower. 25 cts. each.
- Saundersoni.**—This is the handsomest and most interesting species we have. Rich orange-scarlet; the texture of the petals has a remarkably soft appearance, glistening and sparkling like crystal. 50c. each.

LEMOINE'S HYBRID GLADIOLI. HALF HARDY.

This brilliant and remarkable class of Gladioli was originated and introduced by MR. LEMOINE, of France. Our list comprises every named variety now in commerce. For vivid and rich orchid-like coloring, they have no equal. Emblazoned with the most intense, burning and inexpressibly rich shades, they are truly wonderful. In the blotch, which is a remarkable and typical feature, the coloring reaches the climax.

WE ARE THE SOLE AGENTS FOR THE SALE OF MR. LEMOINE'S NAMED VARIETIES OF GLADIOLI FOR THIS COUNTRY.

Mixed Lemoinei Seedlings.

- Raised and Propagated by Us.**
- Raised from selected seed, saved only from the finest named varieties, selected for their distinct and brilliant colored flowers.—Many of these will be found equal to the finest named sorts.
- Extra Fine Mixed.**—10 cts. each, \$1.25 per dozen.
- Fine Mixed Varieties.**—8 cts. each, 75 cts. per dozen.

BRIC-A-BRAC COLLECTION GLADIOLI. 6 ELEGANT AND ODD VARIETIES, 75 CENTS.

- Byzantium.**—Crimson-purple; pretty orchid-shaped flowers, small and very early.
- Dracocephalus.**—A most curious bronzy-yellow flower.
- Saundersoni.**—This is the handsomest and most interesting species we have. Rich orange-scarlet; the texture of the petals has a remarkably soft appearance, glistening and sparkling like crystal.
- Marie Lemoine.**—Long spike of fine, well-expanded flowers; upper divisions of a pale creamy color, flushed salmon-lilac, lower divisions spotted purplish-violet bordered deep yellow.
- Obelisk.**—Flowers large violet; lower petals blotched brown, spotted with sulphur.
- Lafayette.**—Flowers very large; yellowish-salmon, large crimson blotches on lower petals.

TUBEROSE BULBS.

HOW AND WHEN TO PLANT. 25 BULBS AT 100 RATES.

We grow enormous quantities of these bulbs, and believe those we offer are unsurpassed in blooming quantities and purity of strain. Our prices are very low. In this latitude, May 1st is ample time to plant in the open ground, but the bulbs can be started in pots much earlier if desired. Select a warm soil and a sunny spot. The soil should be rich, but special preparation is necessary. Place the bulb so the top will be covered about one inch with soil. This treatment will bring you magnificent, showy spikes of bloom. The "Excelsior Pearl" is without doubt the finest strain of Pearl Tuberoses in existence. The flowers and spikes are of extra size—we have seen a spike with 50 flowers on. If you have never grown any tuberoses bulbs, or have had poor success in making them bloom, we ask you to try a few of our bulbs.

	—BY MAIL.—		—BY EXPRESS.—	
	Each.	Per Doz.	Per Doz.	Per 100.
Italian, or Tall Double. —Spike, four feet and upwards; flowers not so large or heavy as Pearl, but open more perfectly, and is of a purer white. Largest, extra size,	\$0 08	\$0 70	\$0 50	\$4 00
“ “ Second, but blooming size,	4	50	30	2 00
Excelsior Pearl. —Short stalks, long spikes; large flowers, full, double and sweet; extra fine, large-flowering bulbs,	8	75	90	3 00
“ “ Select bulbs of enormous size,	10	1 00	75	3 50
“ “ Second size,	4	40	40	1 50
Pearl (old variety). —Largest size,	6	60	50	2 00
“ “ Second size,	4	40	30	1 50
New Variegated. —The leaves of this variety are bordered with creamy white; flowers single; very large and exquisite fragrance. Bulbs continue to grow and bloom year after year. It makes a most magnificent plant. It blooms several weeks earlier than the other sorts, which greatly adds to its value,	10	1 00		
Single Flowered. —(Called by some <i>Orange Flowered</i> .) This is the single form of the Tuberose. It is very desirable on many accounts. It is sure to bloom very early, and the flowers are set very gracefully on the stalk. The odor is not quite as heavy as the double varieties. It is very handsome cut for vases, etc.,	8	75		



BEAUTIFUL CORAL LILY

LILY OF SIBERIA.

This superb Lily is entirely distinct from all others. The perfect symmetry of the entire plant, foliage and flower is wonderful. Its spike of scarlet flame-like flowers is held erect like a flambeau at night. The texture of the flower is like a piece of coral of the most brilliant red we ever saw. Set off with most telling contrast with its graceful fern-like foliage of emerald-green. The foliage is slender and graceful, attenuated, from which fact it takes its name, *L. tenuifolium*. It is a native of Siberia, and of course perfectly hardy. Blooms very early in May or early in June. Grows 3 feet high when in good condition, and has frequently 27 blooms. Plant in loose soil with good drainage, with top of bulb 3 inches below the surface. 30c. each, 4 for \$1.

LILIUM AURATUM (Golden-Rayed Queen of Lilies).

This magnificent variety has become one of the standard favorites of the flower garden, and is considered by many the finest of all Lilies. The immense blooms—measuring nearly a foot in width when fully expanded—are produced in great profusion, and are deliciously fragrant. Choice, sound, fresh bulbs. 25 cts. each, \$3 per dozen, \$15 per 100.

BROWNII.—A magnificent variety, with fine large foliage; flowers very large, fine white inside, purple outside. Stamens are a rich chocolate color, a distinct feature in this species. 75 cts.

CANDIDUM.—The well-known hardy garden Lily; snow-white, fragrant

blossoms; one of the best varieties for forcing, and an established favorite. \$5.50 per 100, by express; 12 cts. each, \$1.20 per dozen.

CHALCEDONICUM. Intensely scarlet recurved blossoms, resembling a Turk's cap. 50 cts. each; \$5.00 per dozen.

EXCELSUM (Isabellinum).—The stately form, beautiful color and delightful fragrance of this variety has made it a great favorite wherever known. It grows from 5 to 6 feet high, and produces from 6 to 12 nodding Lilies, of a delicate light buff color. 50 cts. each, \$5.00 per dozen.

HANSONI.—The flowers are borne in clusters, petals remarkably thick, giving the appearance of having been produced in wax. The outside is yellow, streaked with white, and the inside bright yellow, spotted with purple. It is one of the most interesting and valuable species introduced in some time. \$1.00 each.

LONGIFLORUM.—The well-known beautiful, snow-white fragrant Lily; fine for forcing and handsome in the garden. 15 cts. each, \$1.50 per dozen.

LEICHTLINII.—A beautiful Japanese species, of neat and elegant habit; the flowers are pure canary-yellow, with crimson spots; a real acquisition. 50 cts. each.

MARTAGON (Turk's Cap).—Various colors mixed. 10 cts. each, \$1.00 per doz.

SWEET WATER LILY (Nymphaea Odorata).—A native American water Lily, bearing lovely white fragrant flowers. Does well in a tub, and wintered in a cellar. If planted in a pond or slow-running stream, push it carefully in the mud in 2 or 3 feet of water, and it will produce flowers. Strong roots 20c., \$2 doz.



SPECIOSUM RUBRUM.



HUMBOLDTII.—A California species; flowers golden-yellow, spotted with purple; large bulbs. 40 cts. each, \$3.50 per dozen.

TIGRINUM (Tiger Lily).—Orange-salmon, spotted black. 10c. each, \$1.00 per doz.

TIGRINUM FLORE PLENO (Double Tiger Lily).—This is a plant of stately habits, growing from 4 to 6 feet high; foliage dark green, very long, bearing an immense number of double bright orange-red flowers, spotted with black. 12c. each, \$1.20 per doz.

SPECIOSUM MONSTROSUM ALBUM.—An interesting and distinct variety, with a broad, flat stem; pure white flowers; very floriferous. 20 cts. each, \$2.00 per dozen.

SPECIOSUM ALBUM.—Pure white, and very fragrant. 35 cts. each, \$3.50 per dozen.

SPECIOSUM ALBUM PRÆCOX.—Color pure white, with a slight rose tint on the ends of the petals; form perfect; petals more reflexed than in the other varieties of the species; the fringe in the centre of the flower is very long and fine, giving it an exquisite appearance; it is perfectly hardy. 30 cts. each, \$3.50 per dozen.

SPECIOSUM ROSEUM.—White, spotted with rose. 15c. each, \$1.50 per doz.

SPECIOSUM RUBRUM.—Rose, spotted with crimson. 15c. each, \$1.50 per doz.

SPECIOSUM MONSTROSUM ROSEUM and RUBRUM.—Distinct varieties, with broad flat stems and of colors similar to the preceding; free-blooming and effective. Either variety. 20 cts. each, \$2.50 per dozen.

SUPERBUM.—Beautiful and rich as many of our native Lilies are, this far exceeds them all, bearing, as it does, a pyramid of yellowish-red flowers, 20 to 50 in number; blooms early in July; in good soil it will frequently reach the height of 8 feet. 12c. each, \$1.20 per doz.

WASHINGTONIANUM.—White, with small purple dots; very fragrant and beautiful. 35 cts. each, \$3.00 per dozen.

small purple dots;

PULCHELLUM.

A fitting companion

to *Tenuifolium*,

blooming at

the same time.

The flowers spread

their petals at

nearly right an-

gles, so that when

in full bloom a bed

of them presents a

solid mass of rich

bright crimson

flowers. The shape

is most remarka-

ble—Concolor and

Pulchellum are

the only two Lilies

of this form in ex-

istence. The bulbs

are as vigorous

and hardy as a

Tiger Lily. Strong

bulbs, 30 cts. each,

4 for \$1.00, 50 for \$12.

MONADELPHUM.

Rich cit-

ron color, spotted

with black; 5 feet

high, very majes-

tic, and one of the

best of all Lilies.

50c. ea., \$4.50 a doz.

PARDALINUM

—Scarlet, shading

to rich yellow,

spotted with pur-

ple-brown. 20 cts.

\$2.00 per dozen.

CANADENSE.—Our bell-shaped native Lily; drooping yellow and red flowers. 10 cts. each, \$1.00 per dozen.



LILIUM WALLAGEI

WALLAGEI.—A magnificent Japanese variety, with beautiful, clear buff flowers, spotted with black; very distinct. 15c., \$1.50 per dozen.

CANADENSE.—Our bell-shaped native Lily; drooping yellow and red flowers. 10 cts. each, \$1.00 per dozen.

AMARYLLIS

They can be planted out of doors or kept dormant in the cellar, except for a few weeks when coming into bloom. Few flowers give a better return in the shape of lasting and showy bloom, for the limited amount of labor involved in their cultivation. (A compost consisting of equal parts of good turfy loam, leaf-mould, well-decayed manure, and sharp sand answers best for planting. From the time they are started, water should be given very carefully, and not in too great quantities. When the foliage begins to decay, water should be gradually withheld, until it has died quite down, when the bulbs may be stored away [in the pots] in any dry, cool place, safe from frost, until their flowering season comes again.) We have the largest collection in the country.

AMARYLLIS (MAMMOTH CRIMSON AULICA) Aulica Platypetala.—One of the most distinct Amaryllis in cultivation, with bright green foliage of a distinctly curved outline; flowers are very large, with broad spreading petals of a rich, deep crimson, shaded with maroon; the throat of the flower is of a pale yellow tint. Strong bulbs, \$1.25 each, by mail.

AMARYLLIS—DEFIANCE.—It is a wonderfully sturdy grower. Never fails to bloom with fair treatment. It is a continuous bloomer, flowering repeatedly during the season. Flowers very large, petals broad and very firm, lasting, in water, many days. Extraordinarily large carmine-red flowers. A bar of white running through each petal, and the whole surface flecked and suffused with shadings of white. \$1.00 each, second size 75 cts.

JOHNSONI.—One of the most popular. Very free growing and blooming. Large crimson flowers, striped with white. Large bulbs, 75 cts.; medium 50 cts.

VITTATA.—A sturdy race of this charming bulb. Most of the finest-named varieties were produced by hybridizing this variety. The colors of this variety cannot be named, as every bulb is of a different, though beautiful color. 50 cts.

VITTATA—WHITE GROUND.—The colors on the White Ground vary, but are all sure to please. 75 cts. each.

VITTATA—RED GROUND.—Striped with white. 50 cts. each.

BAFFIN.—Very dark crimson-purple, shaded deep red; a large and very finely-shaped flower. One of the finest form. \$1.25 each.

ARTEMISIA.—Pure white, with large vermilion stripes, very large flower. \$1.75.

CLOVIS.—Fine transparent red; enormous, well-opened, and well-formed flowers, with large, pure-white stripes on each petal. Very fine. \$2.25 each.

ORIFLAMME.—White, with large salmon-red colored bands, somewhat darker in the centre; large and well-opened flowers, of a splendid shape. \$1.75.

PHEBE.—Pure white, striped and striated, with carmine-rose. Well-opened flowers, perfect shape. \$2.25 each.

WILLIAMS' HYBRID SEEDLING AMARYLLIS.—We have imported a fine stock of these well-known seedlings. They are from the very finest-named varieties in existence. First quality, \$1.50 each; second grade, \$1.00.

AMARYLLIS EQUESTRE.—This beautiful flower is a bright salmon-pink, with a distinct snow-white blotch at base of petals. It is a remarkably free-flowering variety, having gracefully-spreading petals. Their striking and beautiful effect make them wonderfully attractive for house-blooming, and they grow as well in pots as when planted outside. The exceedingly low price should lead every one who reads this description, to try them. By mail 25 cts. This is, we believe, the lowest a large Flowering Amaryllis was ever sold.

AMARYLLIS ATAMASCO ROSEA.—This remarkable flower has beautiful blooms, which, when first opened, are a soft rosy-pink, gradually growing whiter until they are a pure white, tinged or blushed with rose. When in a bed or mass, this variety, in colors, produces a most novel appearance by the different shadings of the flowers. This lovely bulb is known but very little, seldom seen, and consequently but little used for planting; but it should be grown by every one. A Methodist minister once said that he thought the Gladioli were made specially for their use, as they could be moved around so easily with their change of habitation. They keep so well, and are so lovely when in flower. He might justly have said as much for Amaryllis Rosea. 15 cts. each, \$1.00 per dozen.

ATAMASCO WHITE.—Identical with the rose-colored one, only that it changes from a light pink to white. 15 cts. each, \$1.00 per dozen.

AMARYLLIS TREATEA.—A lovely little species of pure white flowers; sweet-scented and of easy growth. 10 cts. each, \$1.00 per dozen.

FORMOSISSIMA.—Intense velvety crimson. A most striking color and flower. 20 cts. each, \$1.50 per dozen, by express.

SUMMER-FLOWERING BULBS FOR BEDDING.

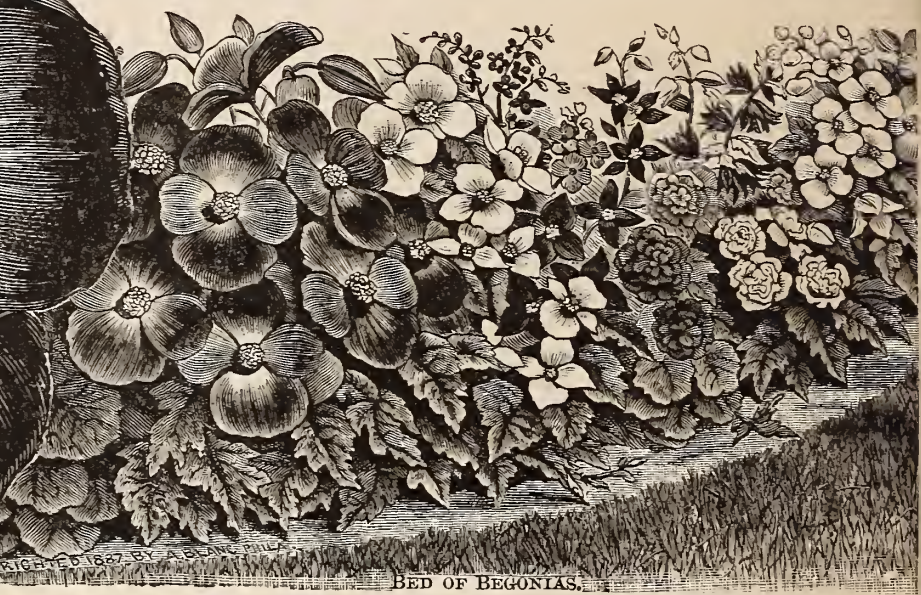
YOU CAN KEEP
BEGONIA BULBS
FROM YEAR
TO YEAR.

Gorgeous tropical effect. Orchid-like flowers combined with rich tropical foliage.



FLOWER OF SINGLE BEGONIA
Size 4 by 4 1/2 inches.

—BEGONIAS. THE GREAT NEW BEDDING PLANT. It has only been known the last few years what a wonderful bedding plant Tuberosus Begonia is. **Single very finest mixed varieties.**—15 cts. each, \$1.50 dozen. **Double finest mixed varieties.**—40 cts. each, \$4.50 per dozen. **ERECTA SUPERBA, finest mixed.**—25c. \$2.50 doz. *Selected varieties of the following colors. Fine for producing contrasts in color:*
Red, embracing shades of carmine, cherry red, etc. 25 cts. each; \$2.00 doz. **Crimson,** embracing shades of rich maroon, etc. 25 cts. each; \$2.00 doz. **Scarlet,** embracing shades vermilion and orange scarlet, 25 cts. each; \$2.00 doz. **Pink,** embracing shades dark blush, peach, rosy lilac, etc. 25 cts. each; \$2.00 doz. **Rose,** embracing pure rose color. 25 cts. each; \$2.00 doz. **White,** pure white, very fine. 25 cts. each; \$2.00 dozen. **Yellow,** embracing shades lemon, canary, primrose, etc. 25 cents each; \$2.00 dozen. **Orange,** pure orange. 25 cts. each; \$2.00 per doz. **Salmon,** embracing shades of flesh salmon pink, etc. 25 cts. each; \$2.00 doz. **Buff,** embracing shades of ochre, bronze, orange, etc. 25 cts. each; \$2.00 doz. **Purple,** new shade of purplish rose. 25 cts. each;



BED OF BEGONIAS.

ACHIMENES. Tender bulbs, blooming freely from July to October. They should be potted in a mixture of peat, sand, and light soil. Keep them in a warm, shady place, and do not water the foliage. The bright waxen flowers make a wonderful display through summer and early autumn. Choicest varieties mixed. 6 cts. each; 60 cts. per doz. Seed 10 cts. pkt.

ANEMONES. FRENCH.—Preferred by many to the Dutch varieties, being of stronger habit, and producing a greater abundance and larger flowers of the most brilliant colors. The dazzling hue of the "Fulgens," and immense size and beautiful tints of the double-flowered varieties, cannot be excelled by any spring-blooming plant.

FULGENS (Scarlet Windflower).—Flowers large, of the richest vermilion or scarlet. Doz. \$1.00; 10 cts. each.

SINGLE FRENCH.—Splendid varieties mixed. Doz. 50 cts.; 6 cts. each.

DOUBLE FRENCH.—Splendid varieties mixed. Doz. \$1.00; 10 cts. each.

ANEMONE JAPAN.—Lovely waxen flowers. See index.

ACONITUM.

Deep indigo mookshood flowers; round, smooth tubers. 15 cts. each.

ACAPANTHUS. UMBEL-LATUS (The Great African Lily).—A showy group for autumn decoration, having ornamental foliage and large umbels of bright blue and white flowers. When grown in pots in a cool conservatory they make grand specimens, and last in flower a long time. 30 cts.

AMARYLLIS.

See index for special list.

ARUNDO. Invaluable for creating tropical aspects in a garden.

A. DONAX.—A handsome reed, growing from 10 to 15 feet high. Its attractive foliage renders it very effective on lawns. 30 cts.

VAR. FOLIIS VARIEGATIS (Variegated Arundo).—A magnificent variety; leaves beautifully striped with white; 6 to 8 feet. 50 cts.

APIOS TUBEROSA.

See index, climbers and esculent roots. 8 cts. 75 cts. doz.

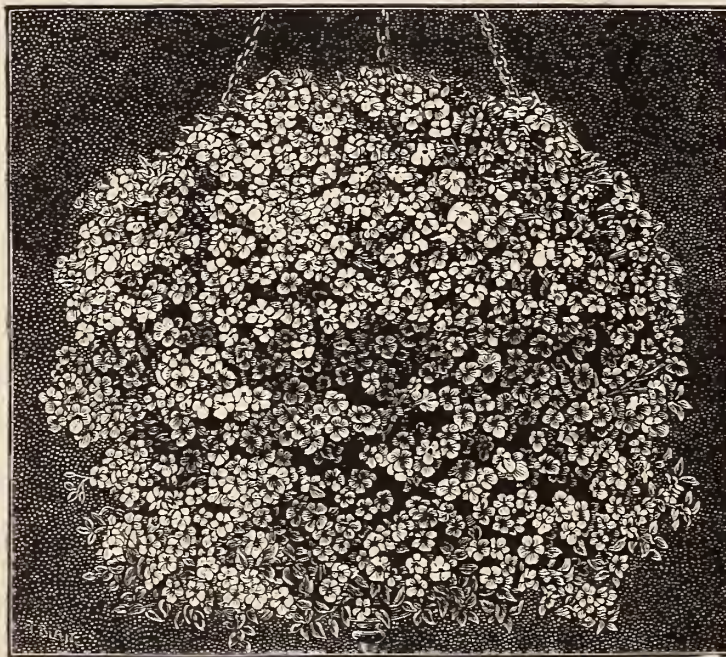
ASCLEPIAS TUBEROSA.

Hardy plant; bearing large umbels of rich orange-scarlet flowers in July and August. An elegant plant. 15 cts. each; \$1.00 doz. Seed 10 cts. pkt.

ASCLEPIAS CURASSAVICA (Redhead).

Bright orange scarlet; very showy; not hardy; seed only. 10 cts. pkt.

CALADIUM ESCULENTUM (Reduced Prices.) \$12.00 PER 100 — VERY LARGE BULBS.—A very effective plant, and suitable for either a single plant on the lawn, masses in beds or margins of water; its very distinct apron-like leaves often attain the length of 3 feet by 20 inches wide, and have a rich tropical effect. 20 cts. each; \$1.50 per dozen, by mail; medium size, 15 cts.; \$1.25 per dozen, by express.



ACHIMENES.

FANCY LEAVED CALADIUMS.

Their greatest value is for the decoration of conservatories, green-houses, and window boxes, while nothing can surpass them as exhibition plants for fairs during the summer and fall.

ARGYRITES.—Distinct small leaved variety, never exceeding 6 inches in height, bright pea green leaves, beautifully spotted and marbled with white.

LAMARTINE.—Dark olive green with crimson spots.

LOUIS DUPLESSIS.—Red rays and veins, on a white ground, green margin.

MAD. ALFRED BLEU.—Deep green, white blotches broad veins of crimson scarlet.

MEYERBEER.—White, veins green, mid-rib red.

NAPOLEON III.—Flamed crimson centre on green ground.

PRINCE ALBERT EDWARD.—Crimson mid-rib and veins, dotted with ivory white; black leaf stem.

SIEBOLDII.—Fiery-red centre, spotted with claret red.

TRIOMPHE DE L'EXPOSITION.—Crimson centre, bright red ribs and green border.

WIGHTII.—Light green, with crimson and white spots.

NAMED VARIETIES.—Strong, well-matured bulbs. 30 cts. each; \$3.00 per doz.

FINEST MIXED VARIETIES.—25 cts. each; \$2.00 per doz.

\$2.00 doz. **Erecta Superba Red.** 25 cts. each; \$2.00 doz. **Erecta Superba Rose** 25 cts. each; \$2.00 doz. **Erecta Superba White.** 25 cts. each; \$2.00 doz. **Erecta Superba Yellow.** 25 cts. each; \$2.00 doz. **Erecta Superba Finest Mixed.** 20 cts. each; \$1.75 doz.

BEGONIA SEED, Finest Single Varieties. 25 cts.

BEGONIA SEED, Finest Double Varieties. 35 cts.

BESSEA ELEGANS.

See first page catalogue.

CACTI, FOR BEDDING.

See index for special list. Seed 25c. pkt.

CAMASSIA FRASERI.

Very hardy; living out without any protection. Blooms early, and is good in pots. 10 cts. each; \$1.00 per doz., by mail.

NEW CANNAS NEW CANNA "NOUTONI."

When we introduced *Canna Ehemanni* we thought the limit of perfection in Cannas had been reached, and while this cannot detract from the beauty of *Ehemanni*, the latter pales before this blazing flame of color. It is a tall, robust grower, with foliage of great beauty, and a remarkably profuse bloomer, producing immense spikes and side sprays of very large flowers, the color of



CANNA, EMILE LECLAIRE.

See next page for complete list Summer Flowering Bulbs.

SUMMER-FLOWERING BULBS FOR BEDDING.—Continued.

See next page for complete list Summer Flowering Bulbs.

CANNAS.—Continued.

which is simply dazzling in brilliancy—a velvety scarlet vermilion gives some idea of it, but the life-like texture of the flowers cannot be described. 35 cents each, by mail; \$3.00 per dozen, by express.

EHEMANNI.—A beauty in every sense. The massive deep green Musa-like leaves alone would make it a valuable acquisition, but when we see its magnificent crimson flowers, over 3 inches long and 2 inches wide, suspended from its deep red whip-like flower stalks, it is difficult to find words to express our admiration. It is so different in general character that it is hard to believe it is a Canna. The plant is remarkably strong and robust, growing from 5 to 7 feet high, each stalk terminating with a long flower spike. We have often had six spikes in bloom at one time, bearing from 20 to 30 flowers. 50 cts. each, \$4.00 per doz., express.

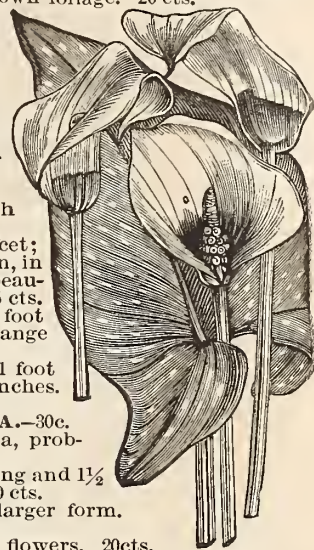


TIGRIDIAS.

GLADIOLIFLORA.—Is quite distinct from *Ehemanni*, the color being a rich amber or orange. The flowers are very large, growing erect instead of drooping. The foliage is of a beautiful blue-green, rather narrow; plant grows very compact, is remarkably free-flowering, forming nearly solid masses. It does not exceed 6 feet in height, and is very expressive. A plant of each of these Cannas planted in good rich soil, either separately on the lawn or in mixed borders, or for centres of large

beds, form most beautiful objects. 35 cts. each; \$3.50 per doz., by express.
ADOLPH WEICK.—2 to 3 feet. Light green foliage, 5 inches by 1½ feet. Flowers of a rich crimson-scarlet color, shaded with orange. 30 cents.
AUGUST FERRIER.—4 to 5 feet; foliage green, shaded brown; flowers reddish-salmon. 20 cents.
BERTHA LUTZ.—20 cents. | **B. CONASSAUNT.**—30 cents.
BRENNINGSIL.—18 to 24 in. high; spike not much higher, 16 x 6 in. wide. Light green, marbled, striped with cream color; very distinct; flowers pink. 20 cts.
BARILETTI.—5 to 6 feet; few spikes; distinct; Musa-like; 12 x 30 inches. Dark green, bronze edge and veined; stem dark, very fine. 20 cts.
COMMANDANT REVERE.—30 cts. | **CARDINALIS.**—30 cts.
 20 cts., \$2 per doz. By express, \$1.50 per doz. Fine mixed varieties, 12 cts., \$1.50 per doz.

DISCOLOR.—3 to 5 feet; green-bronze veins, and deep bronze shadings on edge; leaves growing at right angles to stalks, 10 to 12 inches wide, 18 to 20 inches long, Musa-like; seldom blooms; distinct and good. 20 cts.
ED. PEYNERT.—2 to 3 feet; light green foliage, 4 to 6 inches wide and 16 to 18 inches long; scarlet flowers, bordered with yellow. 20 cts.
EMILE LE CLAIRE.—30 cts. | **HAMBIGANT.**—20 cts.
ELATA MACROPHYLLA.—20 cts. | **GLAUCA VERA.**—20 cts.
GLAUCA RUBRA.—3 to 4 feet; Glauca leaves, darker green than Multiflora, 15 x 4 to 5 inches; flower-spikes 4 to 5 feet, buff or terra-cotta. 20 cts.
GIGANTEA.—Very tall growth; dark bronze foliage. 20 cts.
HYBRIDA AURANTIACA.—Deep green leaves, and fine red flowers. 20 cts.
HOULETTI.—Very tall; bronze-green and brown foliage. 20 cts.
LUKEBLACKBURN.—Dk bronze foliage. 20c.
HENRY MARTINE.—30 cts.
JOSEPH MENTRAL.—30c. | **KONKIN.**—30c.
METALLICA.—Tall; narrow and pointed leaves of dark bronze, 8 to 9 inches wide and 18 to 20 inches long; few or no flowers. 20 cts.
MULTIFLORA (Albiflora).—Very dwarf; 2 to 3 feet; produces white insignificant flowers, but very good on account of its light green foliage. 20 cts.
NANTONI.—20 cts. | **OUNEI.**—20 cts.
NIGRICANS.—4 to 5 feet; spike 5 to 6 feet; rich reddish-bronze foliage, 8 x 22 inches. 20 cts.
ORNAMENT DE GRAND ROUGE.—4 to 5½ feet; foliage medium size, pointing upwards, very green, in some cases almost covered and veined with a beautiful bronzy-maroon; lovely down on foliage. 25 cts.
PATENS (Speciosa).—3 to 3½ feet; spike 1 foot taller; good light green foliage, 6 x 16 inches; orange flower—not much. 15 cts.
PREMIERES DE NICE.—2½ to 3 feet; spike 1 foot taller; distinct, bright sea-green foliage, 17 x 6 inches. Floriferous; canary-yellow. 20 cts.
REVOL MASSOT.—20c. | **RUBRA HYBRIDA.**—30c.
RENDETTLERI.—Very similar to *Robusta*, probably the same. 20 cts.
ROBUSTA.—10 feet high, with leaves 4 feet long and 1½ feet in width, of dark bronze and green colors. 20 cts.
ROBUSTA PERFECTA.—Improved and larger form. 20 cts.
SELOVI.—Clear green foliage and stems; red flowers. 20cts.
SOUENIR DE AYERES.—20 cts.
SEMPELFLORENS.—20 cts. | **SLOELIZAPOLIA.**—20 cts.
VARIEGATA DWARF.—2 to 3 feet long; rather narrow foliage, light green, variegated very distinctly with light buff or cream color; flowers small, pink. 20c.
VAN HOUTTE.—4 to 5 feet; foliage 8 to 22 inches, medium size, green-shaded dark brown. The stalks are black, making striking effect; orange flowers. 20 cts.
WARSEWICZIL.—Deep sea-green leaves; Musa-like *Rosea*; deep green leaves; rose flowers; 4 to 5 feet; spike 5 to 6 inches; foliage 10 x 20 inches. 20 cts.
ZEBRINA.—Very deep bronze foliage; very dwarf, 2 to 2½ feet; foliage 6 x 12 inches; few flowers, small scarlet-pink. 20 cts.



SPOTTED CALLA.

CALLA LILIES. **SPOTTED CALLA (Richardia Alba Maculata).** The leaves of this beautiful calla are deep green, with numerous white spots which gives the plant a fine appearance. The flowers are pure white, with a black centre. 15 cts. each; 7 for \$1.
CALLA LILY (Richardia Ethiopia, or Lily of the Nile).—Plants in 3 inch pots, 20 cts.; 4 inch, 25 cts.; larger plants, 50 cts.
 doz., by mail; \$1 by express. Low prices in lots of 25, 50, or 100 on application.

TIGRIDIAS.

The Tigridia is a grand summer-flowering bulb, and should be planted in the open ground in May. It commences blooming early in July and produces an abundance of gorgeous flowers till October. Late in autumn the bulbs should be lifted, dried and stored in the cellar like *Gladiolus*. It is one of the easiest plants in the world to cultivate, and always sure to bloom abundantly in any situation and to cause admiration. At our large flower shows, held in New York City, the Tigridias, particularly the white variety, have always attracted universal attention. They will please you.

TIGRIDIA GRANDIFLORA ALBA.—Its flowers are large, of a dead, pearly-white color, marked at the base of each division with large spots of reddish-brown or chestnut color on a yellowish ground, forming a fine contrast with the white of the petals. This is a decided acquisition to our summer borders, and a grand companion to the already known and admired varieties of this family. 15 cents each, \$1.50 per dozen.
CONCHIFLORA.—Fine yellow, spotted with crimson. 8c., 7 for 50c., 15 for \$1.
GRANDIFLORA.—Very large, bright crimson, centre variegated with yellow. 10 cents each, 8 for 60 cents, 15 for \$1.00.
 One bulb of each variety for 25 cts., three bulbs of each variety, 50 cts.
A TESTIMONIAL.—The Tigridias have also done well, and every one is astonished at their beauty.
 MRS. THOMAS LEWIS, Franktown, Nevada.

MISCELLANEOUS ABRIDGED LIST OF DESIRABLE PLANTS.

LACK OF SPACE PREVENTS AN EXTENDED DESCRIPTION, BUT ALL ARE WORTHY OF A PLACE IN ANY GARDEN.

ALTERNANTHERA.
Aurea Nana.—Bright yellow; these plants are used for borders or ribbon lines. 10 cts. each, 75 cts. per doz.
Parychoides Major.—Leaves tinted crimson scarlet and pink. 10 cts. each, 75 cts. per dozen. Special prices on larger lots.
ASPARAGUS TENUISSIMUS.—A most interesting and beautiful plant, with foliage of the most elegant shaded green. Of climbing habit; grows rapidly; most desirable. Fine plants 20c., \$2.00 per dozen.
ABUTILONS.
Boule de Neige.—(Ball of snow.) Fine, pure white. 15 cents each, \$1.50 per dozen.
Eclipse.—(New.) Pretty trailing habit, robust growth, foliage large, bright yellow and green markings. 35 cents each, \$3.50 per dozen.
Grandiflorum.—(New.) Golden yellow, flowers of immense size, well open and perfection in form. 25c.
Grandiflorum Compactum.—Similar to above in color, with large flowers; more compact in form. 15c.
Golden Fleecce.—A bright golden yellow of strong, vigorous habit, and free flowering. 15c. each, \$1.50 doz.
Snow Storm.—Pure white, of dwarf, free habit. 15 cents each, \$1.50 per dozen.
Thompsoni Plena.—Double flowers; color rich deep orange, shaded and streaked crimson. 15c., \$1.50 doz.
BOUVARDIAS (New).
The Bride.—An excellent variety with large shapely flower trusses, in color delicate shell pink, strong growth and free bloomer. 20 cts. each, \$2.00 per dozen.
President Cleveland.—A grand single-flowered variety, with intense dazzling scarlet flowers. The best Bouvardia that has yet been put on the market. 20 cts. each.
Davidsoni.—White, often tinted with pink. 15 cts.
Bocki.—Large fine flowers; deeper pink than "Bride." 20 cts.
COLEUS.
Ariel.—Magenta-edged, small, green leaves; very pretty. 10 cts. each, \$1.00 per dozen.
Countess of Florens.—Carmine leaves, dark zone and rich pea-green edges. 10 cts. each, \$1.00 per doz.
Golden Bedder.—Fine yellow foliage; good bedder. 10 cts. each, \$1.00 per dozen.
J. L. Toole.—Light maroon, spotted crimson, edged green. 10 cts. each, \$1.00 per dozen.
Mrs. Baxter.—Crimson and maroon-edged white and green. 10 cts. each, \$1.00 per dozen.
Mikado.—Light green, mottled crimson and maroon. 10 cts. each, \$1.00 per dozen.
Onward.—Green, flaked with maroon. 10 cts. each, \$1.00 per dozen.
President Garfield.—Maroon-crimson, mottled white and magnificent leaves. 10c. each, \$1.00 per doz.
Queen Victoria.—Crimson, brightest golden edge. 10 cts. each, \$1.00 per dozen.
Taylor's Pet.—Leaves and stem nearly black. 10 cts. each, \$1.00 per dozen.
Verschaffeltii.—The old stand-by for a crimson-leaved bedder, and essential in all extensive arrangements. 10 cts. each, \$1.00 per dozen.
Yellow Bird.—Leaves large, of golden yellow, and fringed. 10 cts. each, \$1.00 per dozen.
 Per 100 by express, in May, \$5.00.
CROTONS.—Assorted varieties for bedding. 30 cts. each, \$3.00 per dozen.
FERNS.
Adiantum Cuneatum (The Maiden Hair Fern).—This is one of the most elegant ferns grown. Has rich dark green fronds, very handsome for cutting to arrange with flowers, either in vases or to wear. 25 cts. each, \$2.50 per dozen. Extra large plants, by express, 50 cts. each, \$5.00 per dozen.
Adiantum Gracillimum.—Resembling *A. Cuneatum*, but the fronds are lighter and much more finely divided; a very graceful variety. 25 cts., \$2.50 per doz.
Nephrolepis Tuberosa.—The sword fern; a very handsome variety for baskets, thriving in an ordinary window without fail. 25 cts. each, \$2.50 per dozen.
Pteris Tremula.—This is a very robust and healthy growing fern, with large, bold fronds of a delightful green; it grows with the least possible attention, and is one of the very best window plants. 25c. \$2.50 per doz.
HELIOTROPES.
 These are favorites generally. For cut flowers they are always desirable.
Albert Delaux.—Yellow leaves and light blue flowers. 15 cts. each, \$1.00 per dozen.
Bruanti.—Very deep purple; large trusses. 15 cts. each, \$1.00 per dozen.
Dark Seedling.—Very dark purple; large trusses, resembling "Rois des Nois." 20 cts. each, 6 for \$1.00.
Jersey Beauty.—Light shade of blue; large trusses. 20 cts. each, 8 for \$1.00.
Lady Molesworth.—Very light pink and purple; fine. 15 cts. each, \$1.00 per dozen.
Mad. Blonay.—Nearly pure white flowers; one of the best light ones. 15 cts. each, \$1.00 per dozen.
Mad. P. Ahlers.—Nearly pure white; sweet scented. 15 cts. each, \$1.00 per dozen.
"Roi des Noirs."—This is unquestionably the largest, darkest and finest *Heliotrope* ever seen. 15 cts. each, \$1.25 per dozen.
Saphyr.—Light blush, purple-shaded pink; fine and fragrant. 15 cts. each, \$1.00 per dozen.
IPOMEA.
Bona Nox (Good Night).—See Climbers. 10 cts.
Learii.—Large dark blue flowers. 10 cts.
Mexicana Grandiflora Alba.—Large pure white flowers. 10 cts.
IMPATIENS SULTANA.—A plant of compact growth, and almost a continuous bloomer; suitable for house culture or summer bedding; flowers a brilliant rose-scarlet. 15 cts. each, \$1.50 per dozen.
LANTANA.
Colibrí.—Flowers of the most intense deep crimson; trusses of medium size. 20 cts. each, \$2 per doz.
Diamant.—The richest pure orange color. 20 cts. \$2.00 per doz.
Iris.—Lovely buff and orange; deep centre. 20 cts. each, \$2.00 per dozen.
Lelis.—Pure white, with small golden eye; trusses of good size and very free. 20 cts. each, \$2.00 per doz.
Mine d'Or.—A truly golden-yellow; quite dwarf, but of free growth. 20 cts. each, \$2.00 per dozen.
MOONFLOWERS.—(See also Climbers.) A plant that will give unbounded satisfaction; growing to 30 or 40 feet in a season; flowers pure white, 5 to 6 inches in diameter, expanding in the evening; making a very striking effect. 20 cts. each, \$1.50 per dozen.
PANSIES.—Nice plants, mixed from our best strains of seed. 10 cts. each, \$1.00 per dozen.
PASSIFLORA.
Cœrulea (Passion Vines).—(Hardy.) (See also Climbers.) Rapid-growing vines, suitable for house or summer open ground culture; blue. 15 cts. each, \$1.50 per dozen.
Constance Elliott.—White; new and fine. 15 cts. each, \$1.50 per dozen.
VINCA.—Golden variegated foliage. Vincas are fine for rockeries and for draping where running vines are required. 15 cts. each, \$1.50 per dozen.
Vinca.—Silver variegated foliage; same habit as above. 15 cts. each, \$1.50 per dozen.

See next page for complete list Summer-Flowering Bulbs.

SUMMER FLOWERING BULBS.—Continued.

IRIS.

VARIETIES OF "IRIS KEMPFERII."—Among summer-flowering plants, these Iris must take the foremost place. They are thoroughly hardy, of distinct and showy colors, and flower for a period of 5 to 7 weeks during June and July, with graceful and bright foliage afterwards. The flowers are of great size, and from six to eight inches in diameter, double and single.

NAMED VARIETIES.—Our selection. 40 cents each, by mail. \$4.00 per dozen, by express.

DOUBLE MIXED VARIETIES.—30 cents each, by mail. \$3.00 per dozen, by express.

DOUBLE and SINGLE, MIXED and DOUBLE WHITE.—20 cents each, by mail. \$2.00 per dozen, by express. The above are large, home-grown roots.

GERMANICA, NAMED VARIETIES.—25 cents each, by mail. \$2.00 per dozen, by express.

GERMANICA, MIXTURE.—20 cents each, by mail. \$1.00 per dozen, by express.

GERMANICA "FLORENTINA."—Pure white, very free-flowering, and deliciously sweet scented. 15 cents each, \$1.50 dozen.

IRIS SUSIANA (The Mourning Bride).—This is a most wonderful combination of form and coloring. The ground-work of the flower is a silvery black. Individual flowers are three inches wide and four inches high. 15 cents each, \$1.50 per dozen, by mail. \$7.00 per 100.



DICENTRA SPECTABILIS.

gray, shaded and lined with very dark chocolate and four inches high. 15 cents each, \$1.50 per dozen, by mail. \$7.00 per 100.

IRIS SIBERICA (The Siberian Iris).—A very distinct group of Iris, distinguishable at a glance by their long grassy foliage, 2 to 3 feet in length, forming dense erect tufts, and numerous slender stems, bearing an abundance of flowers of various shades. They are all quite hardy and very free-growing in any ordinary soil. This group is invaluable for cutting. 20 cents each.

DICENTRAS. DICENTRA SPECTABILIS (Bleeding Heart).—One of our most ornamental spring-flowering plants, with handsome Pæony-like foliage, and long, drooping racemes of bright pink-and-white heart-shaped flowers. This is deemed one of the finest of all hardy garden plants. 20 cents each, \$2.00 per dozen, by mail.

DICENTRA CUCULARIA.—Of the Bleeding Heart family, but much more curious, delicate, and beautiful. The leaves are a beautiful glaucous-blue, and very fern-like; the flowers are white, tipped with yellow, on naked stalks 9 inches in height. Grows best in peaty soil. 10 cents each. \$1.00 per dozen, by mail.

GLOXINIAS. Their green leaves are surmounted with a cluster of lovely trumpet-shaped flowers. The coloring is exquisite; the ground work of many is pure white, with throats of blue, scarlet, rose, or crimson; or the tubes are of bright color with white throat. The bulbs should be started in a warm place—green-house, hot-bed, or sunny window. They will bloom till late in summer, when they should be dried off, letting the leaves die; the pots can be kept over winter in a cellar free from frost, or under the stage of a green-house. **Splendid Seedlings, Mixed, Strong Bulbs, 25 cents; \$2.50 per dozen.**

ANGELE.—Flowers erect, large, pure white throat, porcelain-blue lips. 30c. each.

AZURE.—Flowers erect, rich, deep purplish-blue. 30c. **ORIOLE.**—Flowers erect, pure white throat, crimson lips. 30c. each.

ROSY MORN.—Flowers erect, of a bright rosy-crimson color, throat pure white, minutely spotted with deep crimson; a lovely variety. 30c. each.

SHADOW.—Flowers erect, deep purple throat, white lips. 30c. each. **VELVET PLUSH.**—Flowers erect, large, of rich dazzling crimson, of great substance. 30c. each.

GLOXINIA SEED.

One of the handsomest house-blooming bulbs in existence; magnificent, bulbous. Large bell-shaped flowers of various colors and great beauty. The seed here offered will produce the very finest varieties of latest improvements.

Gloxinia, French Hybrids.—Splendid mixtures of the finest varieties of recent introduction. Packet 25 cts. Large packet 50 cts.

Gloxinia, Hybrida Alba.—New pure white. Packet 30 cts.

Gloxinia Hybrida.—See illustration. New French Tigered and spotted Hybrids, saved from a selection of the finest and most beautiful sorts. Packet 30c. Large packet 50c.

Gloxinia Hybrida Crassifolia Grandiflora Erecta.—Finest mixed. Packet 30 cts. Large packet 50 cts.



MONTBRETIA.

MONTBRETIAS

Are in full glory a month after all tender plants are killed by frost. The foliage and flowers have an autumn richness.

DODECATHEON MEDIA.

(Shooting Star, or American Primrose.)

This beauty, like many others, has bloomed unseen for ages by all save its companions, the wild flowers of the far West. We are now going to introduce it to all lovers of flowers, who, we think, will agree with us in saying it is one of the most beautiful of all our hardy bulbs. The flowers look like amber, delicate rose, shading to white. They resemble the Cyclamen flower in shape, only more curious and beautiful. Borne on strong stems one foot high, they are a garden jewel. Added to all this, they are particularly adapted to forcing, or blooming in the window or conservatory during the winter. Do not fail to try a few bulbs in a pot. 10 cts. each, \$1.00 per dozen, by mail.



GLOXINIA.

MONTBRETIAS. MONTBRETIA POTTSII.—Resembling somewhat a miniature Gladiolus. It throws up several flower spikes some 10 inches long, and numerous small side spikes, making it exceedingly floriferous. Flowers of a bright orange red, of most perfect form and grace; one of the finest summer flowering bulbs. 10 cents each; \$1.00 per dozen.

CROCOSMIFLORA.—Very large flowers, of fine shape; base of the flower is bright orange, sprinkled with purple spots, arranged like a Tigridia. 10 cents each; 12 for \$1.00.

THE CYCLAMEN.

THE CYCLAMEN, is one of the finest plants in cultivation for winter blooming. Young bulbs, if well grown, will sometimes have as many as 100 flowers open or ready to open at one time. The colors vary from the purest white to the brightest crimson and purple, some of the flowers being beautifully spotted. Did the plant not bear any flowers, it could well be grown for its pretty foliage, which is charmingly variegated green and gray, the under part of the leaves being bright red. The ease with which Cyclamens are grown in a sunny window, should recommend them to any one wishing a plant that will bloom 3 or 4 months in succession during the duller part of the year. After the plants are done flowering, plant out in the open ground in a rather shady place, and lift in the fall. About Christmas they will begin to bloom again with renewed vigor. Seed, 25 cents per packet. Bulbs, 25 cents, by mail.

CYCLOBOTHEA FLAVA.—See first page of catalogue.

DAHLIAS.—See last page of catalogue.

RICHARDIA.—See Calla.

PÆONIES (of various sorts).—See Page 52.



IRIS SUSIANA "THE MOURNING BRIDE."

SUMMER FLOWERING OXALIS.

A much neglected useful little plant. Nothing is so valuable for edging the borders of walks or flower-beds as the beautiful summer flowering Oxalis. Bulbs, when planted 3 inches apart, produce an unbroken row of elegant foliage and pretty flowers; and as they bloom very quickly after planting, they furnish a neat and attractive border the whole season. The bulbs, which are the size of peas, or larger, can be planted the first of May, or perhaps earlier, and will be in bloom by the first of June. In autumn they should be lifted and stored in the cellar like Gladiolus. No flower is easier grown than this, as they are sure to succeed in all soils and situations. They are also splendid when planted in a mass, and make a very pretty bed. Every bulb will grow and flower beautifully the first season. Price of full bulbs, 12 for 10 cts.; 25 for 15 cts.; 50 for 25 cts.; 100 for 40 cts.; 500 for \$1.50; 1000 for \$2.50. **DIEPPI.**—Pure white.

LASANDRIA.—Fine rosy pink.

MADEIRA VINE. A beautiful rapid-growing climber, bearing graceful racemes of very fragrant white flowers. The vine is very pretty and useful. 6 cents each; 50 cents per dozen.

HYACINTHUS CANDICANS.

A new species of Hyacinth which blooms during Aug. and Sept. **Perfectly hardy,** growing 3 to 5 ft. high, with long spikes of pure white flowers. The foliage is extremely effective, resembling *Yucca filamentosa*, and equally as beautiful as many of the *Agaves*. Flower stems 3 to 5 feet high, with bell-shaped white blossoms. Planted in the spring, they bloom in August, September, and October, strong bulbs producing two, three, and even four flower stems. 10c. each, 6 for 50c., 10 for 80c., 12 for 75c., 50 for \$2.50.



HYACINTHUS CANDICANS.

HARDY PERENNIAL PHLOX

The finest of out-door flowering plants. They stand any treatment and weather. They may be said to *always* bloom and grow. Small plants will bloom freely the first year, and will continue to bloom with increased beauty year after year without any attention. We have the largest and finest collection in this country. Some of the new French varieties we grew last season produced a single floret that more than covered a **silver dollar**—just think, a single floret in a truss.

Latest Novelties. New Phloxes from Lemoine.

AQUILON.—Enormous flowers. Rosy carmine, with large cherry-crimson centre. Has the largest flowers of the genus. 50 cents.
AURORE BOREALE.—Flowers large in dense panicles; minimum orange, purple centre. Of great effect. 50 cents.
CROIX DU SUD.—Half-dwarf; of a charming effect; immense panicles, forming a horizontal carpet. Flowers large, porcelain white, centre rosy carmine, bordered lilac. 50 cents.
CYCLONE.—Flowers, magenta rose; brighter towards the centre, which is of the purest white. A striking contrast to the color of the flower. A new shade. 50 cents.
ECHAIREUR.—Plant half-dwarf. Dense panicles of enormous carmine flowers. Centre rosy-salmon, surrounded with a starry wreath of rosy white. Extra. 50 cents.
HENRY REGNAULT.—Large panicles; flowers very large; clear magenta-rose, with salmon reflect. 50 cents.
LIBERTE.—Panicles large; flowers of a beautiful orange-salmon color, with purplish-carmine centre. 50 cents. Not the same as the old variety.
LONGCHAMPS.—Pyramidal panicles; flowers pure white, with a violet star in centre. 50 cents.
PANAMA.—Panicles of large dimension; flowers

very large, round, well formed, of the snowiest-white color; the handsomest white out. 50 cents.
PAUL BERT.—Panicles well formed, flowers large, of a new color; one-half of the lobes are light lilac, the other half are bluish-lilac, the centre deep violet. 50 cents.
P. BONNETAIN.—Flowers round, china-rose shaded flesh, center pale rose, surrounded with a ring of bright rose; a new shade. 50 cents.
RICHEPIN.—Flowers large, shining lilac-rose; center violet, in the shape of a cross. 50 cents.
ROBUR.—Enormous flowers, deep rose, with a brighter eye, one of the largest known flowers. 50c.
 —————
DWARF.
ABISSINIE.—Plant very dwarf, forming a large clump, numerous flowers, clear violet, purple centre. 50 cents.
CHOPIN.—Plant very dwarf, pure white, with rose center, the dwarfest of all. 50 cents.
LAURE.—Flowers medium, milky white, very floriferous. 50 cents.
LEONNEC.—Large panicles, large flowers, salmon magenta, carmine eye. 50 cents.
REGULUS.—Flowers large, in broad panicles, beautiful color carmine-salmon, centre violet. 50c.
 The set of 18 new varieties for \$5.00.



CROSS OF HONOR.

NEW FRENCH PHLOXES 1888.

M. MAREY.—Flowers very large, well-formed, deep rose, velvety-carmine circle in centre. Large panicle. Extra. Single floret covered a silver dollar. 35 cents.
GENERAL BREARB.—Flowers very large; white, shaded lilac; centre carmine; surrounded with violet. Extra. 25 cents.
GENERAL BRICE.—Flowers perfect; fiery red; centre fiery purple. 25c.
MICHEL CERVANTES.—Large panicles; flowers very large and perfect; milky-white; carmine eye. 25c.
AUGUSTE RIVIERE.—Deep salmon; crimson eye; fine panicles. 25c.
 One each of 7 new varieties, \$1.50.

GENERAL FROLOW.—Enormous flowers; rose-purple; half-dwarf. A fine variety. 25 cents.
LE SOLEIL.—Brilliant china rose; centre bright rose, surrounded with a pale rose tint. Flowers very large; perfect. Extra. 25 cents.

New Phloxes, Decussata Sect'n.

WHITE GEM.—Very dwarf white. This only grows 8 to 10 inches high, branching freely, and each branch supporting a large magnificent truss of pure white flowers. 20c. \$1.50 doz.
MAGNUM BONUM.—Shaded rosy crimson, light rose eye, one of the largest. 15 cents.

New English Sett.

ARAGO.—Salmon-rose, shaded-violet; large. 15 cents.
AUGUSTE RIVIERE.—Salmon-red, tinted orange, crimson eye. 25 cts.
AUSTIN WITHERS.—Greyish lilac; fine carmine eye. 15 cents.
BASTIAN LE PAGE.—White, shaded lilac; large mauve centre. 15c.
BECKY.—Beautiful rosy pink; crimson centre. 15 cents.



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PENTSTEMON—"CLAUD GELLEE."

CAMERON.—Light rose; deeper centre; flowers and spike large. 15c.
CHARLOTTE SAISON.—White; light crimson centre. 15 cents.
DE LESSEPS.—Rosy mauve; flowers large and fine. 15 cents.
EUGENE VERDIER.—Deep lilac, shaded rosy purple; dark eye. 15c.
HEINRICH SCHNEIDER.—15c.
MRS. LAING.—Soft rosy lilac. 15c.
PELLETON.—Pure white, light crimson centre, flowers and spike very large. 15 cents.
T. S. WARE.—Lilac striped. 15c.
 Ten for \$1.00.

General Collection.

COCCINEA.—Deep fiery scarlet, large, compact truss. 15 cts.
CHARLES DOWNIE.—Rosy crimson. Early. 15 cents.
BIJOU.—Dwarf; pure white. 15c.
CROSS OF HONOR.—Striped rose-mauve and white. 15 cents.
ISABEY.—Deep salmon-red, with dark crimson eye. 15 cents.

making them seem more like glowing exotics than hardy perennial. The admiration of all who see them. They bloom abundantly from June to October, and are very valuable for cut flowers; they should be found in every garden. Give them a rich, open soil. The varieties offered below are the very latest productions of the French hybridizers.
ALEXANDER DUMAS.—Bright brilliant red, with scarlet shadings; interior of the flower marked and lined with purple. 15 cents each.
BERLIOZ.—Large, open-lobed flowers, with the interior of flower white, streaked and lined with purple. Outer shadings a rich violet-blue. Unique in color. 15 cts.
GOUNOD.—Flowers enormous, of a deep, rich violet color on the inside of the tube; the lobes are pure white, tinted with violet and carmine. 15 cts. each.
OPERA.—Violet-lilac in color, with the full interior of the flower white, lined and edged with purple; a free-flowering, distinct habited variety. 15 cents each.
PAUL BERT.—Bright crimson-red in color, with distinct interior of pure white in lines and shadings. 15 cents each.
EUGENE LABICHE.—Color of flowers, a purplish-red interior, deeper, with silvery shadings; a perfectly-formed flower of highest character. 15 cents each.
CLAUD GELLEE.—Very bushy and branching, producing immense numbers of flower stems, which are studded with beautiful flowers; color rich rosy red, with a white throat lined with rose. 15 cents.
EDWARD PAELLERON.—Very large; of splendid shape; color salmon red, bordered with white. A distinctly-colored variety of great beauty. 15 cents.
JULES CHARETIE.—Orange-red, white throat, veined carmine; large. 15c.
M. DE FEY-DAU.—15 cents. **RECLUSE.**—15 cents.

Ten for \$1.25.

MISS ROBERTSON.—Dwarf, free bloomer, pure white. 15 cents.
LIBERTE.—White, rose shaded; purple eye. 15 cents.
LOTHAIRE.—Fiery red, shaded violet purple. 15 cents.
MONSIEUR DELAUNAY.—Striped salmon, purple centre. 15 cents.
PRINCESS LOUISE.—White; small rose-pink eye. 15 cents.
RICHARD WALLACE.—Pure white; rosy-crimson eye. 15 cents.
ROI DES BLANCHES.—Fine white. 15 cents.
THOMAS GRIMM.—Deep crimson, with purple-shaded eye; dwarf grower; fine habit. 15 cents.
WHITE QUEEN.—Pure white; dwarf grower. 15 cents.
LA VAGUE.—Very delicate blush, with pink eye; fine. 15 cents.
JOSEPHINE GERBEAUX.—Pure white, with very bright crimson eye. 15c.
MAD. DUREAU.—White and light crimson. 15 cents.
MARECHAL VAILLANT.—Red; slate colored stripe. 15 cents.
OSCAR BEYER.—Rosy lilac; extra fine form and spike. 15 cents.
 Ten for \$1.00.
PHLOX SUBULATA (Moss Pink).
 This is a lovely little evergreen beauty. The surface is completely covered with flowers of a soft pinkish-rose color. 10 cents each, \$1.00 per dozen.

PENTSTEMONS.

Pentstemons make fine plants of from eighteen inches to two feet in height, and are in continuous bloom from the time they are planted out until frost. Flowers in spikes of Gloxinia-like form, shaded and mottled in all colors of white, scarlet, crimson, and pink. They are hardy, with a very little covering in the winter. The flowers are of great size, half pendant, bell-shaped, and marked and marbled in beautiful bright shades.



HARDY ASTERS.

flower, Extra. 15c. exceedingly fine. 15c. SCHMIDT.—Outer petals bright carmine; centre deep rose and white; extra fine. 15c. J. N. TWEEDY.—Brilliant red; extra-fine. 15c. MADAME MUNIER.—Rosy blush; very free and branching habit. 15c. MONS. BARRAL.—Rosy-red; dwarf and compact; one of the best of this color. 15c. MONT BLANC.—Pure white; free and erect habit. 15c. NEMESIS.—Rose, tipped with crimson. 15c. WHITE ASTER.—Very large; the finest pure white. 15c. TEN FOR \$1.25.

SINGLE PYRETHRUMS. MOST LOVELY FORMS AND DAZZLING COLORS. MRS. BATEMAN BROWN (New).—Beautiful new single Pyrethrum, introduced last year; undoubtedly the finest dark single Pyrethrum in existence, of a rich carmine-crimson, beautifully blended. The flower is of extraordinary size and perfect form. 25c. each, \$2.00 a dozen. HAMLET.—Fine rich pink; of exquisite form. 15c. SHERLOCK.—Crimson-scarlet. 15c. TASSO.—Bright vermilion, the brightest of this class; of medium size and good substance; extra fine for cutting. This is certainly an exceptionally showy variety, 15c. FINE DOUBLE VARIETIES.—Mixed. 15c., \$1.25 doz. FINE SINGLE VARIETIES.—Mixed. 15c. each, \$1.25 doz.

PYRETHRUMS

FINEST NAMED DOUBLE VARIETIES. This very charming group of plants has only existed for a few years,

consequently is scarcely known to the general public interested in horticulture. They are among the most useful, for general decoration, that we have; the flowers are exceedingly varied in color, having a great resemblance to a well-formed Aster or Large-Flowered Chrysanthemum, and are produced in such abundance as to render them invaluable during the summer months for purposes of cut bloom, whilst their fern-like foliage is extremely handsome, particularly during the spring months. They thrive in almost any soil or situation, being thoroughly hardy and true perennials, when once established, lasting for many years.

NEW DOUBLE MELTON.—The brightest colored double Pyrethrum ever sent out. The color is of an intensely bright crimson-scarlet, the highest colored variety; free and vigorous. It should be very extensively grown by all who take any interest whatever in this class of plants. 25 cents each, \$2.00 per dozen.

AURORA.—Sulphur-white; lemon centre, 15c. **CERES.**—Soft flesh color; well-shaped flower. 15c. **CAPTAIN NARES.**—Bright crimson; bold color. 15c. **DR. LIVINGSTONE.**—Delicate flesh color; very showy and exceedingly fine. 15c. **FLORA.**—Blush; immense large flower. 15c. **HAAGE ET SCHMIDT.**—Outer petals bright carmine; centre deep rose and white; extra fine. 15c. **J. N. TWEEDY.**—Brilliant red; extra-fine. 15c. **MADAME MUNIER.**—Rosy blush; very free and branching habit. 15c. **MONS. BARRAL.**—Rosy-red; dwarf and compact; one of the best of this color. 15c. **MONT BLANC.**—Pure white; free and erect habit. 15c. **NEMESIS.**—Rose, tipped with crimson. 15c. **WHITE ASTER.**—Very large; the finest pure white. 15c. **TEN FOR \$1.25.**



SINGLE PYRETHRUM

from its high color. 20c. each, \$2.00 doz. FINE DOUBLE VARIETIES.—Mixed. 15c. each, \$1.25 doz.

HARDY ASTERS.

12c. each, \$1.25 doz. **NOVA ANGELIA.**—Large flowers of bright rose, with orange centre. 15c. each; \$1.50 doz. **NOVA BELGII** Flowers large, bluish-purple late-flowering. 12c. each, \$1.25 doz. **POLYPHYLLUS.**—Medium-size flowers; white, with brown centre; very free. 12c. each, \$1.25 doz. **TURTINELLUS.**—Pale blue flowers; one of the best late varieties. 12 cents each, \$1.25 doz. **VERSICOLOR.**—White, shading to rose; flowers medium size. 12 cents each, \$1.25 doz. **FORMOSISSIMUS.**—A distinct and beautiful species; rosy purple; large and free blooming. Four feet. 12c. each, \$1.25 doz. **LONGIFOLIUS VAR. FORMOSUS.** A pretty variety, covered for a long time with bright rose-colored flowers. This certainly is the most profuse-blooming plant we ever saw. 15 cents each, \$1.50 doz. **HORIZONTALIS.**—Numerous branching stems, smothered with red and white flowers; pretty neat habit. 12c. each, \$1.00 doz. **TURBINELLUS.**—Flowers pale rosy-purple; 3½ feet high; very showy and distinct. 12c. each, \$1.00 doz.

SWEET VIOLETS

are borne on long, vigorous stems, rendering it specially fitted for cutting, and the color is pure white, while the scent is most powerful and delicious. No collection of Violets can possibly be complete where this variety is omitted. Mr. William Allan, of Gunton, in a letter appearing in the Garden of April 3d, 1886, says:—“Here, both in ordinary two-light frames (covered with double mats only throughout the long winter), and in pits, slightly warmed with a 3-inch flow and return pipe, they are now, and have been for a long time, perfectly white with flowers. 20 cts. each, \$2.00 doz.



VIOLA PEDATA—HARDY VIOLET.

VIOLA PEDATA (Bird's Foot Violet).—This, by far the most showy of our native violets, is much prized abroad, and should be here, as it repays for cultivation by growing much larger and continuing longer in bloom. The dark green foliage is handsomely cut, and the pale or deep blue flowers an inch across, are very abundant and pleasing. 10 cts. each; \$1.00 per dozen. **VIOLA CUCULARIA.**—Very hardy, prolific grower; white flowers. 15 cts. each; \$1.50 doz. **KING OF VIOLETS.**—Dark indigo-blue, large double flowers; best outdoors. 15 cts. each. **PARMOENSIS, fl. pl.**—Flowers large, nearly pure white, striped with rose. 15c., 12 for \$1.50.

NEW JAPANESE TREE PÆONIES.

These are the finest of all Pæonies. They are sought for by European growers for their finest novelties. The largest flowers and richest colors of any sold. They are sent under Japanese characters, so we cannot send the description. All very handsome. \$1.25, \$12.00 dozen.



PEONY TENUIFOLIUM FL. PL.

FRENCH TREE PÆONIES.—Tree Pæonies are all very scarce and high, 2 year plants. 50 cts. each; \$4.50 per dozen. **CHINENSIS HERBACEOUS.**—Hardy perennials admirably adapted to the climate of our most northern States, and growing in almost all situations. Our stock consists of over 100 varieties, of every shade and color, double and single. 25 cents each; \$2.50 per doz., named. \$1.50 doz. mixed varieties. **TENUIFOLIUM, fl. pl.**—A very desirable plant, and quite distinct; has very beautiful, fern-like foliage, and flowers the color and shape of a Gen. Jacqueminot rose, more double, and one-third larger; very fine. 50 cts.

HEMEROCALIS FLAVA Golden Lily.

Plants grow 3 feet high, and bear through the summer numerous golden-yellow, sweet-scented, lily-like flowers, 5 inches in length. Among all our extensive list of yellow lilies, none produce as good flowers as this, though it is not properly a lily. 35 cents each, \$2.00 per dozen.

MINIATURE DAISIES. A beautiful hardy class of plants. They will thrive on any ordinary soil, and produce for several months a profusion of their beautiful star-shaped flowers.

CHAPMAN.—Bright lavender, with medium-sized flowers

15c. each; \$1.50 doz. **NOVA BELGII** Flowers large, bluish-purple late-flowering. 12c. each, \$1.25 doz. **TURTINELLUS.**—Pale blue flowers; one of the best late varieties. 12 cents each, \$1.25 doz. **VERSICOLOR.**—White, shading to rose; flowers medium size. 12 cents each, \$1.25 doz. **FORMOSISSIMUS.**—A distinct and beautiful species; rosy purple; large and free blooming. Four feet. 12c. each, \$1.25 doz. **LONGIFOLIUS VAR. FORMOSUS.** A pretty variety, covered for a long time with bright rose-colored flowers. This certainly is the most profuse-blooming plant we ever saw. 15 cents each, \$1.50 doz. **HORIZONTALIS.**—Numerous branching stems, smothered with red and white flowers; pretty neat habit. 12c. each, \$1.00 doz. **TURBINELLUS.**—Flowers pale rosy-purple; 3½ feet high; very showy and distinct. 12c. each, \$1.00 doz.

COMTE BRAZZA'S DOUBLE WHITE VIOLET—WHITE NEAPOLITAN.

—In character this partakes of the style of the favorite winter flowering variety Neapolitan. The flowers are thoroughly double and very large, attaining, under good cultivation, to the extraordinary diameter of one and one-half inches, and are often composed of as many as forty petals. They are borne on long, vigorous stems, rendering it specially fitted for cutting, and the color is pure white, while the scent is most powerful and delicious. No collection of Violets can possibly be complete where this variety is omitted. Mr. William Allan, of Gunton, in a letter appearing in the Garden of April 3d, 1886, says:—“Here, both in ordinary two-light frames (covered with double mats only throughout the long winter), and in pits, slightly warmed with a 3-inch flow and return pipe, they are now, and have been for a long time, perfectly white with flowers. 20 cts. each, \$2.00 doz.

SWANLEY WHITE VIOLET.—We have grown this ever since its introduction, and can say that it is in every way equal to its parent—Marie Louise—having the same freedom of flowering, the same perfume; the individual flowers are equally as large and of the purest white. It can be used in all designs and decorations where the purple violet is objectionable, especially in wedding bouquets, or for the hand, corsage, or personal decoration. It must not be confounded with any white violet previously offered, as it is truly perpetual. It has more than exceeded our expectations. We were the first to introduce this variety, and have the largest stock in the country. 15c. each; \$1.50 doz.

MARIE LOUISE.—Our plants are entirely free from the violet disease. This variety is best and most popular of all the double blues. We have a large demand, hence our plants are healthy and thrifty. 15 cts. each, \$1.50 doz.

DE PARME.—A much-improved Neapolitan, with pale lavender flowers, free bloomer. Rich perfume. 15 cts. each.

DUCHESS OF EDINBURGH.—Very delicate lavender mauve, tinted azure blue, with pure white centres; the flowers are large and evenly expanded, has the sweetest fragrance. 15c. each.

NEW YORK.—A superb variety, with very large flowers on long straight foot stalks; the flowers deep mauve-purple, with white centers; deliciously scented. 15 cts. each.

VENICE.—Several shades lighter in color than New York; equally fragrant. 15 cts. each.

HARDY VIOLETS.

NEW HARDY SINGLE VIOLET. “RAWSON'S WHITE.”—Raised by the late Vicar of Bromley. Its habit is very free, has sturdy foliage, dense green, round clumps, and remarkably hardy, stands the severest winter without the least injury, and when in full flower presents a surface of bloom above its foliage; at first sight at a distance it suggests itself as being like a large-growing dwarf Lobelia. 20 cts. each.

CZAR.—Single blue flowers, sweetly scented, strong and free. 15 cents each; \$1.50 dozen.

—This, by far the most showy of our native violets, is much prized abroad, and should be here, as it repays for cultivation by growing much larger and continuing longer in bloom. The dark green foliage is handsomely cut, and the pale or deep blue flowers an inch across, are very abundant and pleasing. 10 cts. each; \$1.00 per dozen.

VIOLA CUCULARIA.—Very hardy, prolific grower; white flowers. 15 cts. each; \$1.50 doz.

KING OF VIOLETS.—Dark indigo-blue, large double flowers; best outdoors. 15 cts. each.

PARMOENSIS, fl. pl.—Flowers large, nearly pure white, striped with rose. 15c., 12 for \$1.50.



HELIANTHUS MULTIFLORUS PLENUS.

Helianthus Multiflorus Plenus.

(The Golden Gem.)

The only really pure yellow double sunflower with flowers of medium size. The effect of a single plant is really beautiful, with its very symmetrical pyramidal growth, its rich dark-green leaves and gold colored blossoms. The flowers are from 3 to 4 inches in diameter, as double as any double Dahlia, and covering the plant from the ground to the top. It is unsurpassed as a cut flower at a season when most other flowers wilt and fade in a few hours, lasting fully a week or more. It is one of the most desirable plants, and should be in every collection. It should have a sunny position and rich soil. 25c. each; 2 for 40c., 6 for \$1.00, 12 for \$1.75, 100 for \$10.

LIMBERS. PLANTS, SEEDS AND BULBS.

Hardy and tender. We think this, and deservingly so, the most popular class of plants to-day. Every home wants a few. Does the Ampelopsis Veitchii look out of place or less handsome on the million dollar church on Broadway, or the palace on Fifth Avenue, than it does at the door of the old cabin home? We think not. We are told, "the wall shall be clasped by the Ivy vine."

Henry Ward Beecher's Hedge of Honeysuckles, Clematis, Woodbines, Trumpet Creepers, Climbing Roses, etc., was world-famous. One of his greatest pleasures, while at his country-place in summer, was to admire this hedge, all abloom with its various flowers of delicious fragrance, and watch the birds flocking, singing and nesting in this hedge. A most lovely hedge can be made by planting a Honeysuckle, Clematis, Climbing Rose, Akebia, and various creepers at short intervals, by trimming down or allowing them to fall over in mass.

"It was worth the journey, only to see those hedgerows, the liberal homes of unmarketable beauty, of the purple-blossomed, ruby-berried night shade, of the wild Convolvulus, climbing and spreading in tendril strength till it made a great curtain of pale-green hearts and white trumpets, of the many tubed Honeysuckles, which, in its most delicate fragrance, had a charm more subtle and penetrating than beauty. In winter the hedgerows showed their coral, the scarlet haws, the deep crimson tips, with lingering brown leaves to make a resting-place for the jewels of the hoar-frost."

We did not write the above; we could not do it so well.
SPECIAL OFFER.—If any one who orders 50 cts. worth of climbers of any sort will tell us who the author of the above is, we will allow them to choose ANY 1 plant or packet of seed from this list, in addition to the order of 50 cts. they send, without extra charge.

ACTINIDIA POLYGAMA.—Hardy; flowers white, with a purple centre. A vigorous and elegant climber. 50 cents. **Actinidia Polygama.**—Seed. Packet 10 cents.

AKELIA QUINATA.—Hardy Japanese climber; fine, handsome foliage; purple flowers, followed by highly-ornamented fruit. This is not planted as much as it ought to be. 25 cents each.

AMPELOPSIS VEITCHII.—(See colored illustration, last page of catalogue). Hardy; Japan; leaves smaller than those of the common Virginia creeper, and overlap one another, forming a dense sheet of green. When once established it grows rapidly and clings by its rootlets more perfectly than other Ampelopsis; foliage rich and glossy in summer, crimson in autumn. 20 cts. each. **Ampelopsis Veitchii.**—Seed. Grows easily and rapidly. Pkt. 10 cts.

Ampelopsis Quinquefolia (Hardy Virginia Creeper).—Beautiful digitate leaves growing in dense masses; splendid crimson color in autumn. Throws out tendrils and rootlets like the Ivy, which cling to almost anything they touch—old stumps, and even walls. Excellent for covering. 25 cents. **Ampelopsis Quinquefolia.**—Seed. Pkt. 10 cents.

Ampelopsis Roylii.—Hardy Japan. Resembles the above, only more vigorous; foliage dense and highly colored in autumn. 35 cents.

APIOS TUBEROSA.—Hardy bulb; of the same family as the Wisteria "Glycine," and sometimes called the Tuberous-rooted Wisteria, which it resembles. A copious bloomer, producing lovely clusters of rich maroon flowers of a subtle violet fragrance. The bulbs make an excellent article of food when cooked, being fully equal to a potato. 10 cts. each, 6 for 50 cts., 14 for \$1.00.

ARISTOLOCHIO SYPHO (Pipe Vine, or Dutchman's Pipe).—Hardy, interesting, roundish light green leaves, 8 or 10 inches in diameter; curious pipe-shaped yellowish-brown flowers in July. Where a dense screen is wanted this is the most valuable of all plants for the purpose. 50 cts. **Aristolochio Siphon.**—Seed. 25 cts. pkt. **Aristolochio Elegans (A tender climber).**—A rapid-growing vine, bearing large and elegant flowers of a rich purple color, ornamented throughout with irregular branched markings of a creamy white, and having a golden yellow eye surrounded by rich velvety purple. Its blossoms are produced in the greatest profusion, even on small plants. 50c. each.

Aristolochio Elegans.—Seed. 25 cts. pkt.

BERCHEMIA RACEMOSA.—Hardy; shrubby climber covered with handsome dark blue berries in form of upright standing grapes, very showy. Price 50 cts. Small plant. **Berchemia Racemosa.**—Seed. 15 cts. pkt.

BIGNONIA RADICANS (Tecoma).—Hardy trumpet flower; a splendid hardy climbing plant covered with large trumpet-shaped scarlet flowers in August. 25 cts.

BITTER SWEET (Celastrus Scandens)—Hardy; a beautiful climbing and twining plant with fine large leaves and yellow flowers, followed by gorgeous clusters of orange capsuled fruit. Sprays of these berries, in our opinion, make much handsomer and more lasting winter ornaments than the Holly. The vines grow 10 to 12 ft. a season. 15c. each.

CLEMATIS.—See special list below.

CINNAMON VINE (Dioscorea Batatas Chinese Yam).—Hardy; the tubers

are frequently over 2 feet long at 2 or 3 years of age, and run straight down in good deep soil—flesh whiter than superfine flour, and equally as good for table use as the best potatoes. This beautiful climber possesses the rare quality of emitting from its flowers the delightful odor of the cinnamon, and very appropriately called the "Cinnamon Vine." Perfectly hardy, the stem dying down every autumn, but growing again so rapidly in the spring as to completely cover any trellis or arbor very early in the season. It is as easily cultivated as the Madeira Vine, has no insect enemies, and is not affected by drouth. It is propagated from small bulbets which will make from 10 to 20 feet of vine, and with its beautiful heart-shaped leaves, bright green peculiar foliage, and clusters of delicate white flowers, sending forth a delicious cinnamon odor, render it by far one of the most desirable climbers in cultivation. Planted near a door or window, and the vine trained over and about it makes an ornament worthy the admiration of all. Good-sized roots 15 cents each. Bulbets 5 cents each; 12 for 50 cts.; \$1.50 doz.

COBEA SCANDENS (Tender).—A beautiful climber of rapid growth, bearing large purple bell-shaped flowers. For covering arbors, trellises, etc., it is indispensable, as its dark green foliage and pretty flowers make it very attractive. 15c. each; \$1.50 per doz. **Cobea Scandens.**—Seed. 10 cts. pkt.

DOLICHOS JAPONICUS.—Hardy; one of the most vigorous of all climbers; grows 20 feet in a season; long racemes of purple and white flowers (Wistaria-like) in June; excellent to cover rocks and stumps. New and rare. \$1.00. **Dolichos Lablab (Tender).**—Hyacinth bean seed; rapid growing and free-flowering, good for screens, etc. Purple variety 10 cts.; white variety 10 cts.

HUMULUS JAPONICUS (Tender).—This new Japanese Hop, of which the engraving herewith is too small to give an adequate idea. It is a very ornamental and extremely fast growing climber. While the foliage resembles in shape that of the common hop, it has more incisions, is very dense, and of a lively green; the stems and leaves are somewhat rough and hairy. The principal and most valuable feature of this new climbing plant is that it can be sown in the open ground in

spring, and that it obtains enormous dimensions in a very short time. Undoubtedly one of the best climbers for covering verandas, trellises, etc., never suffering from the heat, but retaining its fresh and lively green color until late in the autumn. Plants ready to set outside, 15 cts. each; \$1.50 doz. Seed, which grows rapidly, 15 cts. pkt.

"GOLDEN CLUSTER HOP" ROOTS (Hardy).—Every home in the land should have one or more of these; very ornamental, suitable for lawn, garden, or door screens, and at the same time the best variety for domestic use. Have your own hop vine. 15 cts. each by mail.

IVY (Hedera).—Hardy; large leaved hardy sort. 20 cents each.

IPOMEEA MEXICANA (the Satin or Tuberous-rooted Moonflower).—This is unlike all the others, as it blooms during the day time, and has a strong, tuberous root like a dahlia, which can be wintered in a cellar. Its leaves are also beautifully divided, as seen in the cut. The flowers are of a violet-crimson color, and look like a piece of rich satin. It is very rapid in growth, the tubers giving it an early and strong start, which makes its season of usefulness the longest of any climber of its class. 25 cts. each; 5 for \$1.00.

JASMINE WHITE (Jasminum Officinale)—Hardy; should be protected a little; should be planted on the south side of a house or wall; fragrant white flowers in July; delicate beautiful foliage. 35c.

LONICERA.—See special list Honeysuckle.

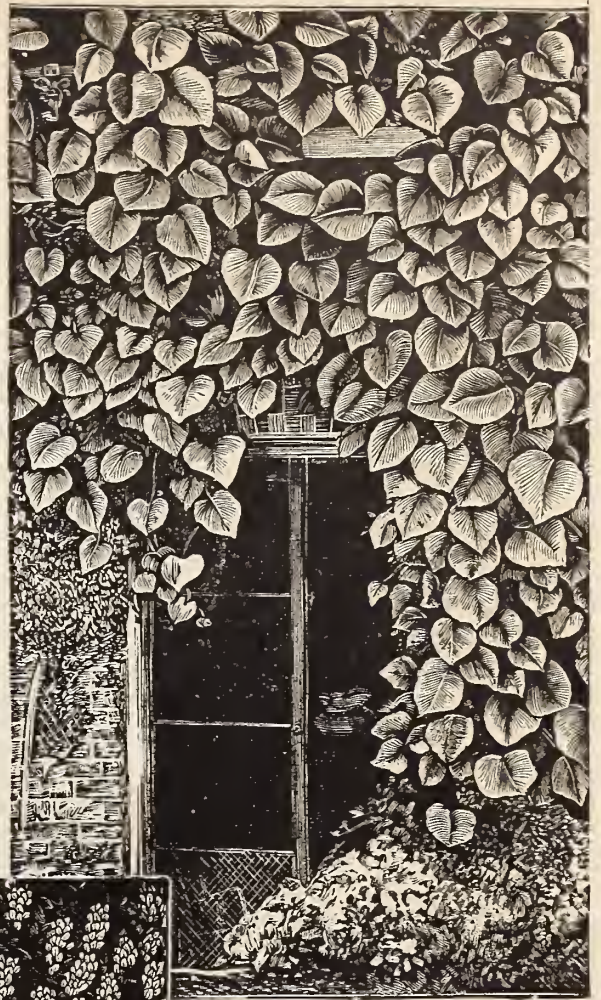
MADEIRA VINE.—Tender bulb. 5 cts. each; 6 for 25 cts.

MENISPERMUM CANADENSE (Canadian Moonseed).—A pretty, twining, slender-branched plant, with small yellow flowers and black berries. 35 cts.

MOON FLOWERS.—See index special description.

PASSIFLORA CEREULEA (Passion Flower).—Hardy; very handsome climbing plant growing rapidly and blooming freely. 15 cts. each; \$1.50 doz.

HUMULUS JAPONICUS.



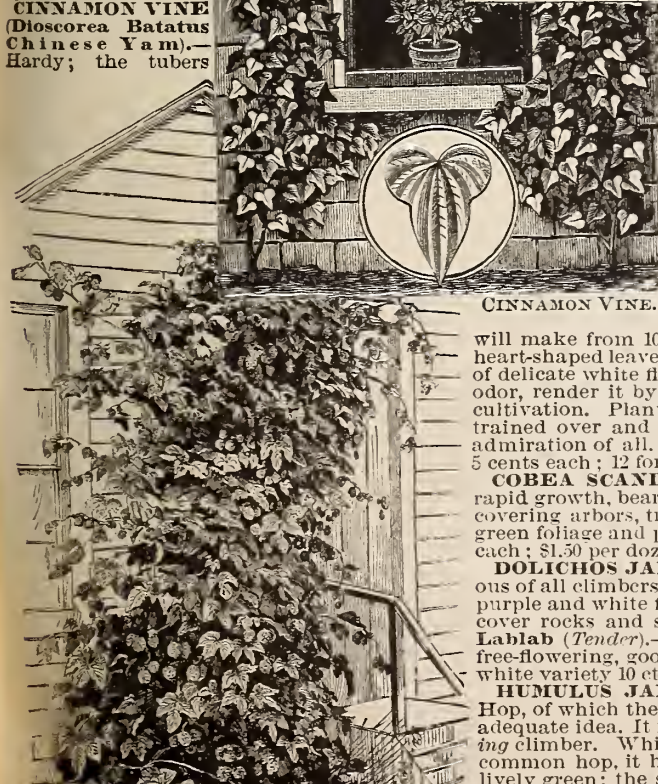
ARISTOLOCHIO (DUTCHMAN'S PIPE).



APIOS TUBEROSA.



IPOMEEA MEXICANA.



CINNAMON VINE.

GOLDEN CLUSTER HOP.



HUMULUS JAPONICUS.

PASSIFLORA CONSTANCE ELLIOTT.—Hardy. The flowers are pure white, excepting a very slight coloring at the base of the corolla. 15 cts. each; \$1.50 per doz.

PERIPLOCA GRÆCA (Virginia Silk).—Very strong growing, reaching up to a great height; foliage long, narrow, and shining, flowers purplish-brown, axillary clusters. 35 cts.

PHASEOLUS CARACALLA.—Green-house perennial; having very curious fragrant flowers. 10 cts. pkt. Seed.

SMILAX.—Nice plant. 20 cts. each. **Smilax.**—Seed. 10c. pkt.

SWEET PEAS (Everlasting Pea Red).—Roots of this valuable plant. 25 cents each. **Sweet Peas (Everlasting Pea White).**—One of the most useful and beautiful climbers we have. The roots of these two varieties live over winter and from year to year. 25 cts. each. **Sweet Peas.**—Seed. See our special list page 37.

THUNBERGIA.—See seed list; finest mixed seed. 5c.

TROPÆOLUM.—Climbing Nasturtium. See seed list of climbers. 5 cents packet.

WISTERIA.—Sinensis. Fine, strong plants of the true Chinese variety; one of the handsomest climbers grown. May to June. First size, 35 cts.; second size, 15 cts. **Wisteria Sinensis.**—Seed. 10 cts. pkt. **Wisteria Sinensis Alba (The True White Wisteria).**—Fine and distinct, having long racemes of pendulous flowers; should be largely planted. First size, very strong, 50 cents; second size, strong, 25 cts. **Wisteria Double Blue.**—2 years. 35 cts. **Wisteria Multijuga, fl. pl.**—A beautiful rich purple double flowering hardy climber, possessing all the characteristics of *Wisteria Sinensis*. Our stock is necessarily limited. 75c. each. **Wisteria Japonica.**—Racemes 2 ft. long. 50 cts.

CLEMATIS.

The Clematis is no doubt the handsomest of all climbing flowering plants. They repay careful handling and slight protection the first year or so by being smothered with flowers, and making rapid growth thereafter. No illustration in color or on wood can equal the beauty of this plant. As our stock of the following varieties becomes exhausted, we reserve the right to fill the orders with equally as good varieties of same color, habit, etc. Orders for Jackmanii or Lucie Lemoine do not come under this head. The following are 2-year-old plants:

VIRGINIANA (Virgin's Bower). (*American White Clematis.*)—A remarkably rapid climbing plant, growing to the height of 20 feet, producing an immense profusion of small, pure white flowers in large panicles, blooming in August and September. The flower is followed by highly ornamental seeds. 25 cts. each, 3 for 50 cts.

FLAMMULA (Sweet-Scented Clematis).—Masses of small white, very fragrant flowers from June to September. Very beautiful. 25 cts. each.

VITICELLA (Vine Bower Clematis).—Climbing 8 to 12 feet, with bluish-purple, drooping flowers, 2 to 3 inches across; blooms in July and August. 25 cts. each.

CLEMATIS COCCINEA (The Coral Clematis).—We were the first to bring this little gem before the public. The flowers are of the richest coral-scarlet. On strong vines they are borne in great profusion from early in June

to the end of summer. 25 cts. each, 5 for \$1.00. **Clematis Crispa.**—Flowers resembling in shape some of the elegant bell-shaped Lilies. The coloring is of the most beautiful lavender-blue tint on the surface and margins of petals. The centre of the petals is an opaque-white. The flowers are of a thick leathery texture, delicious bergamot flavor. Hardy, free-flowering. June to frost. 25c., 5 for \$1.

BEAUTY OF WORCESTER.—(Flowers June to October.) A novelty, now offered for the first time. It possesses the singular merit of producing both single and double flowers on the



HONEYSUCKLE. Copyrighted by A. Blain.

HONEYSUCKLE. CHINESE SWEET-SCENTED.—Fine fragrant yellow and white flowers; constant flowering, from June to August. 15 cents each.

SWEET-SCENTED EUROPEAN.—Flowers very large and very sweet; fine large trusses, pink, yellow, and white; this is the English Woodbine; June to August. 15 cts. each.

same plant for its earlier bloom, and as the season advances single flowers only are borne on the laterals. It is a large and handsome 6 to 8-petaled flower of a lovely bluish-violet shade, with prominent pure white stamens, which greatly add to its beauty. It is of very vigorous growth; and being a remarkably free and continuous bloomer, producing flowers at almost every joint measuring as much as 5 inches in diameter. Awarded first-class certificates at the Manchester, York, Leeds, and other great shows. \$1.00.

MRS. GEORGE JACKMAN.—(Flowers June to October.) Satiny-white, with a creamy bar; this variety often flowers on the young wood, giving it more the character of a perpetual bloomer. One of the best early whites. 50c.

HENRYII.—(Flowers June to October.) Creamy-white, large flowers. 50 cts.

LANGUINOSA CANDIDA.—(Flowers June to Oct.) Best white. 50c. each.

STAR OF INDIA.—(Flowers July to October.) Reddish-violet or wine-red purple, with red bars; distinct and effective. 75 cts. each, 2 for \$1.25.

RUBELLA.—(Flowers July to October.) Velvety claret-purple; distinct, and very free-blooming. 50 cents each.

MAGNIFICA.—(Flowers July to October.) Reddish-purple, with red bars; very large flowers. 50 cents each.

FAIRY QUEEN.—(Flowers June to October.) A very attractive variety; flowers very large, sometimes 9 inches a cross; pale flesh, with a tender pink bar in the centre of each petal; extra-fine variety. 75 cts. each.

MAD. VAN HOUTE.—(Flowers June to October.) Extra-fine white. 50c.

LUCIE LEMOINE.—New; flowers double, white, well formed; composed of 75 to 90 sepals; very showy; one of the finest Clematis in existence. 75 cts.

MISS BATEMAN.—(Flowers May to June.) Pure white. 50 cts. each.

CLEMATIS JACKMANII.—(Flowers July to October.) This, with its rich, deep velvety purple flowers, covering a large space with a solid mass of color for a long time each summer, is a truly valuable climber. It is perfectly hardy. 50c. each, 3 for \$1.00; extra strong plants, 75c. each; \$6.00 per dozen, by express. 2-year-old Clematis in equal proportion of all above-named sorts., \$5 doz. exp.

EXTRA HEAVY STRONG PLANTS.

We have a large stock of 5-year-old plants of the following varieties that will bloom profusely the first season. The plants weigh from 1/2 to 1 pound each, and can only be sent by express at 75c. each, \$9.00 per doz., except where noted.

JACKMANII.—Deep velvety purple. 75 cents each, \$6.00 per dozen.

GLOIRE DE ST. JULIEN.—White; one of the best. \$1.00 each.

HENRYII.—White; large and showy. 75 cents each.

LANGUINOSA CANDIDA.—White. 75c. | **STAR OF INDIA.**—Wine-red. 75c.

THREE SPLENDID SORTS.

For the past three years we have been selling in combinations the set of 3 Clematis, viz.: *Jackmanii*, *Coccinea*, and *Crispa*. The large demand for them proves they have given satisfaction, and has induced us to continue to offer them again this season. The price for the set has heretofore been \$1.00. We have decided this year to make you a special low rate on them, and offer them to you at the low price of 75 cts.

Unnamed Large Flowering Sorts.

These are finest seedlings, and best-named sorts, that have had names lost off. The finest large flowering sorts are included in this list. 25 cents each.

VARIOUS NEW CLEMATIS.

INDIVISA (New).—Thick, white fragrant flowers, borne for a great length of time. \$1.00 each.

DAVIDIANA (New).—Erect species, bright blue flowers; very fragrant. 50c.

RED CORAL.—A superb variety; rapid grower; trumpet-shaped flowers, bright scarlet; June to August. 15 cts. each.

HALLIANA.—A fine white variety, changing to yellow; a free grower; one of the best; June to August. 15 cts. each.

JAPAN or GOLDEN.—Beautifully mottled golden-yellow leaves; flowers yellow and fragrant; June to August. 15 cts. each.

CARNATIONS.

AMONG flower lovers, Carnations are always sought, for they are easily grown, bloom so constantly, flowers are of such rich, soft, and dazzling colors. These facts, combined with their rich spicy odors, it is not to be wondered at that they are so deservedly popular. This list, we claim, contains the finest selection in the country, and a great improvement on the older sorts. Our Special 1889 offer in Carnations.—This collection is formed of all the newer varieties of merit, and cannot fail to give satisfaction.



CARNATION "WM. SWAYNE."

Our Special 1889 offer in Carnations.—This collection is formed of all the newer varieties of merit, and cannot fail to give satisfaction.

ANNA WEBB.—Deep rich crimson; a favorite variety of excellent quality, combining all the qualities to make it perfect. 20 cents each; \$2.00 dozen.

COLUMBIA.—This is considered the very best of the variegated Carnations; flowers very full and perfect, 2 to 2½ inches in diameter; petals beautifully fringed and crimped; color delicate flesh, with lemon tint, deepening towards the centre to a rosy salmon, rayed and dashed with bright scarlet on outer part of petals; long stems; never bursts, free blooming, and very robust. 15 cts. each, \$1.50 per dozen.

E. G. HILL.—Is pronounced by those competent to judge, to be the finest scarlet Carnation ever introduced. It has all good qualities of a perfect Carnation, and no defects that we have ever discovered. The color is a rich, deep scarlet, and the flowers are 2 to 2½ inches in diameter, of most perfect mould; the petals are perfectly crimped, making the flower very full and rounding, with edges most beautifully fringed. Nearly all the flowers are produced on long stems, and it is early, exceedingly vigorous, and a prolific bloomer. 15 cts. each; \$1.50 per doz.

MIDNIGHT (new, offered for first time).—Fine deep maroon; fiery reflex; very free bloomer; calyx never bursting; very strong; clove scented. Flowers produced on strong, stiff stems that need no support. 25 cents each; \$2.50 per dozen.

SILVER SPRAY.—This is the best white Carnation ever offered, is a remarkably robust grower, attaining a height of only 14 or 15 inches, forming very bushy plants; a very free bloomer; flowers are large and perfectly formed, calyx never bursting; petals fringed; very fragrant and pure white in color. 20 cents each; \$2 per dozen.

WM. SWAYNE.—Strong free-grower, early, continuous bloomer, flowers very large and full; of very heavy texture, very fragrant; altogether it is one of the finest white Carnations offered. 25 cents each; \$2.50 per dozen.

Collection of 1 each of the 6 varieties for \$1. GENERAL LIST OF CARNATIONS. Of strong growth, having long flower stems.

BLACK KNIGHT.—The best dark Carnation ever offered; continuous flowering, of the richest crimson; sweet-scented and long-stemmed, a decided improvement on the well-known Crimson King. 15 cents each; \$1.50 per dozen.

CHARLES HENDERSON.—Is a bright carmine, rose flower, perfectly shaped, much fringed and deliciously scented, mostly on long stems; a very prolific bloomer, early, perpetual. 15c., \$1.50 a doz.



HOLLYHOCK.

HEINZE'S WHITE.—White; one of the best for cut flower purposes. 15 cents.

JAMES Y. MURKLAND.—Brilliant and perfectly-shaped scarlet Carnation; each flower is over 2½ inches in diameter, deeply fringed, and the calyx never splits. It is not as free as some varieties, but its superior excellence makes it a great favorite. 15c.

MRS. P. MANGOLD.—Rich and chaste in coloring, being a pure tone of soft salmon color, becoming lighter with maturity; large well-shaped flowers; fine habit and quite free. 15 cents each.

PETUNIA.—So much resembles a double Petunia as to be most appropriately named; the flowers are large, of a rich lavender rose, mottled with white and deeply fringed. 15 cts. each.

PORTIA.—Medium sized, well-shaped flowers of intensely bright flaming scarlet, freely produced on a vigorous and healthy plant. 15 cts. each.

15 cents each, 10 for \$1.00.

We prepared last year a number of plants of large size in 5-inch pots, for immediate flowering, which gave such general satisfaction that we have again done the same, and offer them at \$2.50 dozen. The varieties must be left to our selection, but we will, as far as possible, try to please our patrons.

flowers; very fragrant. 10 cts. each; \$1.00 per doz.

DIANTHUS QUARTERI (The Sweet-Scented Hardy Perpetual Blooming German Pink).—Very rare; one of the most desirable plants; flowers large, very double and deliciously close scented; blooms from June to December. 20 cents each; \$2.00 per dozen.

HOLLYHOCKS.

Few hardy plants combine as many good qualities, lend themselves as readily to varied uses, or are as free from disease as the Hollyhock. For planting in rows or groups on the lawn, or for interspersing among shrubbery, they are invaluable. The flowers, which are as elegant in shape as a Camellia, form perfect rosettes, of the most lovely shades of yellow, crimson, rose, pink, orange, white, etc. It is not surprising that this old favorite should again become popular, for all traces of the disease, which nearly wrought its extinction, have been eliminated by careful selection, and the flowers have been so much improved that they are marvels of beauty and elegance. The Hollyhock requires a rich, deep soil, well drained, and will repay in quantity and elegance of bloom any extra care. A slight protection during winter will be beneficial. Knowing how popular the improved strains of this plant are becoming, we have prepared and grown with great pains a large lot of pot-grown plants of all the colors we offer. Being raised in pots they will commence at once to grow and bloom with positive certainty.

"SNOW BALL."—A very fine, pure white, double variety. 15 cts. each, by mail; \$1.50 per doz. by express.

YELLOW.—Rich, golden yellow to lemon shades. 15 cents each, by mail; \$1.50 per doz., by express.

FINEST MIXED STRAINS.—15 cts. each; \$1.00 per doz., by express.

PINK.—In 4 shades. 15 cts. each, by mail; \$1.50 per doz., by express.

"CRIMSON."—Deep and bright shades. 15 cts. each, by mail; \$1.50 per doz., by express.

BEGONIAS—PROFUSE-FLOWERING SORTS.

This beautiful class of plants is deservedly popular. The beauty of their foliage, and free-blooming qualities tend to make them one of the most desirable plants grown. They adapt themselves to a variety of uses; they can be used in the garden for summer or as pot plants in winter.

GLORIE DE SCEAUX.—This Begonia of last year has shown itself very finely the past season. It is of the erect-growing type, but very compact, carrying a wealth of short-stemmed foliage, which is deep plum color, with brilliant metallic gloss. The leaves are as large as those of the Rex varieties, blunt-pointed and somewhat ovate. The flowers are bright rose color, and appear in great quantity from January to April. Very free growing, and not fastidious as to treatment. 50 cents each.

METALLICA.—A fine, erect-growing Begonia, with dark, rough leaves; the surface is a lustrous bronze-green; veins depressed and dark red. The depression of the veins gives the leaves a crape-like appearance. The leaf is triangular in form, much longer than wide. A free bloomer. A very fine variety. 15 cents each.

RUBRA.—If you can only have one Begonia, let it be a Rubra, for it will prove a constant delight. It is so fast-growing that it will, in a year or two, reach the top of your window, sending up heavy, stiff canes an inch in diameter. Waxen leaves and pendant panicles of coral-colored flowers as large as a hand. We have seen a medium-sized plant with 20 panicles at one time; 3 distinct forms of flowers growing side by side. 15c. each.

The above three varieties present the widest range of shade, shape of foliage, etc., and is highly worthy of a place in any collection of plants. Price for the set of three plants, 75 cents.

GENERAL COLLECTION. ALBA PICTA.—A perfectly distinct new variety. It is shrubby in habit, and of compact growth, having long, slender pointed leaves on short stems. The leaves are glossy green, thickly spotted with silvery-white, the spots graduating in size from the centre towards the margin. Foliage small and elegant. The branches are upright and gracefully curving. 15 cts.

ARGYROSTIGMA PICTA.—A handsome compact-growing variety. Leaves smooth and glossy, a silvery-green, dotted white, and the shape of the Rubra leaves. Under side a delicate pink. Flowers lemon-white. A very beautiful plant. 15 cts.

BRUANTI ELEGANS.—Color a clear bright green. 15 cts.

BRUANTI ROSEA.—Quite as fine as Elegans, the leaves are darker in color, veins depressed; flower rose color. 15 cts.

CAROLINAFOLIA.—A large-growing variety, with leaves same form as the 5-leaf Virginia Creeper. Glossy surface. 15c.

FEASTII.—A low, spreading Begonia, with perfectly circular leaves, red beneath and dark glossy green above. 15 cents.



GLORIE DE SCEAUX.

LOBATA VARIEGATA.—A very good sort. 15c.

RICINIFOLIA.—So called from its likeness to the Ricinus, or castor-oil plant. Leaf 1 foot in diameter. 25c.

SCHMIDTII.—Fine foliage; a very beautiful variety. 15 cts.

SANGUINEA.—Leaves dark reddish-green. Pointed, stiff, glossy, and smooth-edged—under side dark crimson. 15 cts.

TEUSCHERI.—A beautiful upright-growing variety; trans-

parent leaves. Leaves long, and pointing upward. 15 cts.

We have also a collection of 10 finest sorts, exclusive of the sorts above mentioned. 15 cts. each, \$1.50 per dozen. Price for entire collection of 13 varieties, including the 3 sorts above mentioned, \$1.75.

THE MOST USEFUL AND BEAUTIFUL BEDDING AND WINDOW PLANT OF ALL. WE OFFER THE VERY FINEST OF ALL THE OLD VARIETIES AND THE LATEST NOVELTIES. LATEST NOVELTIES IN DOUBLE GERANIUMS:

GERANIUMS

LA FAVORITE.—This is, without any doubt whatever, the best Double White Geranium ever introduced. It is so far ahead of White Swan and all others that a close comparison is not necessary. Many extra-fine plants have some weakness, this has not—being a strong grower, profuse bloomer, and reliable in always coming perfect in color and substance. The trusses are very large, flowers beautifully formed of the purest white. We endorse the above description in every particular. If you have White Swan, compare this with it. 35 cents each, \$3.50 per dozen.

BLACK KNIGHT.—Crimson-maroon; large truss. 35 cts. **L' ADMIRABLE.**—Flowers semi-double, bright rose, spotted white, veined with carmine on the upper petals. 35 cts. **M. ALOIS FREY.**—Salmon, edged with white; very double. What we have seen of this we do not think much of it. 20c. **VITU.**—Carmine and rose, the upper petals spotted white. 35c. **MISS DOBBIE.**—Enormous trusses; deep rose; extra. 35 cts. **M. JOVIS.**—Large trusses, borne on straight stems; flowers large, fleshy salmon, with deeper centre, bordered yellowish-white. 35 cts.

LATEST NOVELTIES IN SINGLE GERANIUMS.

ALPHONSE DAUDET.—Trusses very large; color salmon-brique, shaded deeper in the centre. 35 cts.

BERTHELOT.—Large trusses, bright grenadine. 35 cents. **FULMINANT.**—Brilliant crimson, well-developed white eye. 35 cents. **LUMIERE ELECTRIQUE.**—Enormous trusses, rich carmine, shaded; five upper petals fiery at the base, style of Arc en Ciel. 35 cents.

OVENIR.—Immense trusses, deep violet tinted clear rose on the upper petals; new shade. 35 cents. **PERLE.**—Large trusses; form of flowers perfect, of the purest white; a great bloomer; undoubtedly the best Single White Geranium out. 35 cts. **TROPHEE.**—Large trusses of the first dimensions; flowers ashy-rose, shaded lilac at the centre, turning to deep lilac in autumn; new color. 35 cents.

NEW EVER-BLOOMING PELARGONIUMS (Lady Washington Geraniums.)

PELARGONIUM HYBRIDS OF P. GLAUCUM.—The plants of this class are as strong and more dwarf than the P. Glaucum, and their flowers are as brilliant as those of P. Grandiflorum. This new class is worthy the attention of amateurs of Pelargoniums, for, besides their dwarf stature and compact form, they are also most continuous bloomers through the summer, valuable features in their favor.

BERTHELOT.—Bright carmine, white centre; upper petals spotted black-maroon. 50 cts. each. **BROUARDEL.**—Purplish-violet rose; five maroon spots; bordered white at the base. 50 cts. each. **ECLIPSE.**—Clear amaranth, surrounded with a large white border; centre white. 50c. each. **FANTASIE.**—Plant stocky; rose tender, striped and splashed with carmine-orange. 50 cts. **PETIT POUCKET.**—Rose-carmine, centre and edges white; plants dwarf, stocky; extra. 50c.

A SELECTION OF THE VERY FINEST VARIETIES OF GERANIUMS FOR BEDDING OR WINDOW CULTURE:—

"BRUANT."—We consider this the best bedding Geranium of all varieties. The plant redounds in vigor; foliage strong, striking, and of perfect habit. Color of the flower is a light vermilion-red, of most pleasing shade. The flowers are absolutely perfect in shape, color, and make-up; trusses exceptionally large, and borne in immense spherical balls, often measuring 8 inches in diameter. It makes a compact, dense growth, and has all the qualities that go to make the perfect bedder that it is. Fine also in pots. The flower of this Geranium is a happy consummation of what it should be to bloom freely and to be the most effective in appearance. It is of the semi-double type (the most popular of all), only the double form takes place near the base of the petals, allowing them free development, and at the same time showing the semi-double type. It embodies all the advantages of both types, the perfect development and free-blooming qualities of the singles, the fullness and beauty of the doubles, without their great fault of having the florets damp and drop off and become unsightly when planted outside. Strong plants. 15c. each, \$1.50 doz. NOTE.—We had such a demand last year for this variety we were not able to supply even very small plants. This year we have fully prepared for the demand.

GERANIUM "WHITE SWAN."—It has been awarded the highest prize of the National French Horticultural Society, and all others when shown. It is of rugged, compact, short-jointed growth thickly studded with flower-spikes surmounted by an immense snow-white truss of perfect proportions. Individual florets open clear and free, set together so as to form an exceedingly large and most beautiful head of bloom. An excellent bedding variety; fine plants. 15 cts. each, \$1.50 per dozen.

GOLDEN DAWN.—Artists in color who have for the past two seasons seen it in flower, declare it to be of a rich golden-orange shade, of the most brilliant hue—we need not add another word as to the color. The flowers are of the largest size, most perfectly shaped, in large trusses, opening freely at all seasons. The habit and growth is as free and robust as in any other variety. If we, in our 27 years of labor in raising seedlings, had produced but this one variety, we should

consider the time well spent in obtaining one so marked in character and distinctness as our Golden Dawn. Awarded certificate of merit by the New York Horticultural Society. 25 cents.

S. A. NUTT.—The best of all rich, dark-crimson varieties. The flowers are of perfect shape and large size; the trusses massive and produced in great number; the habit is close, compact and branching, plants in 5-inch pots frequently carrying from 6 to 8 trusses. We consider this unequalled in its class; it is an excellent bedder and a perfect pot plant—one that must find its way into every collection. Awarded certificate of merit by the New York Horticultural Society. 15 cts.

B. K. BLISS.—A very fine double scarlet; one of the freest bloomers in existence. 15 cts. each.

MARY HILL.—Rich, deep pink of the purest shade; the flowers are of the largest size and of excellent form; trusses very large and spreading. Flowers at all seasons most profusely; the growth is excellent—in fact, it is a great improvement on the grand variety, Emile Girardin. Awarded certificate of merit by the New York Horticultural Society. 15 cts. each.

QUEEN OF THE FAIRIES.—A bi-color variety of the most perfect shape, rich flesh color, mottled with pearly-white; this has the largest and most perfectly-shaped trusses of any variety we have ever seen; grand. 15c.

HOFF. BEACH.—Rich amaranth-purple, of fine habit and robust constitution, the foliage wearing well in the hottest weather; the flowers are of good size; the trusses large and freely produced; a good variety for bedding. 15c.

JAMES VICK.—A variety worthy of the name it bears; quite new in coloring; ground color salmon with distinct, deep-bronze shadings; grand. 15 cts.

LAFAYETTE.—Very deep in color, with shadings of puce; large flowers and perfect trusses. 15 cts.

SATISFACTION.—A grand variety of the most perfect habit; very large carmine-shaded crimson flowers; differing from any other variety in its lovely coloring. 15 cts.

A fine contrast can be effected by planting **Bruant, White Swan, S. A. Nutt, Golden Dawn, B. K. Bliss, and Mary Hill.**

FINEST SINGLE VARIETIES.

AURORE.—Orange-salmon and white; perfect flower, grand. 15 cents.

CARDINALIS.—Deepest crimson, fine flowers, perfect trusses; one of the very best, fine. 15 cts.

CYCLOPE.—Carmine and white, with purple shaded top petals; flowers large and very interesting. 15 cts.

JULIETTE.—Flowers a beautiful peach tint; truss very large and well formed; very free bloomer. 15 cts.

NELLY THOMAS.—Richest deep crimson, with immense flowers; a valuable acquisition. 15 cts.

PERLE VON BONYHARD.—This variety is undoubtedly the handsomest of all pinks in its class. It is in color a bright, shiny pink; upper petals spotted white; perfect flower; free bloomer. 15c.

QUEEN OF WHITES.—Pure white; fine, free bloomer. 15 cents.

SAM SLOAN.—The best scarlet bedder variety. An extra-fine velvety crimson, carrying immense trusses in great quantities. An excellent bedder, unrivaled for producing masses of deep, bright-red bloom. A grand variety. 15 cts. each.

Our stock of Geraniums comprise some 100 varieties selected only from the very best of the old and new sorts. After repeated tests of all the new varieties as introduced, the most meritorious ones only being retained; to those desiring to acquire a collection of the very best sorts, we are in a position to gratify their wishes. As the room in this catalogue is limited, we can only list a few, and will willingly select as many varieties, one or more of a kind, as you may wish, or on request will forward you a list of varieties we have, where 25 or more are wanted. Varieties such as **Crimson Velvet, Maggie Hallock, James Vick, Apple Blossom, Cheerfulness, Pocalontas, Annie Atkins, Evangeline, Belle Nancie, Maiden's Blush, H. Cannell Mercutio,** and others of the best sorts only. Our selection at 15 cts. each; \$1.50 per doz. 50 assorted for \$4.50; 100 for \$8.00.

Large plants for bedding out in May have been in such demand among our customers for the past two years that we will, as usual, prepare a large stock of these of best varieties for this purpose. Among which will be **Sam Sloan,** the very best bedder, and also others almost equally as good—both named and to color. Correspond with us before securing your supply of bedding plants, we will give this department our special attention this spring. Price for strong plants for bedding, in 4 and 5 inch pots at \$10.00 per 100.

NEW IVY-LEAVED.—Geraniums with double flowers are lovely plants for hanging-baskets, boxes, and also for bedding. Fine plants of the newest and best varieties. 15 cts. each, \$1.50 per doz.

APPLE-SCENTED.—Geranium. 15 cts.

Bronze, or Variegated-leaved.—Fine assortment. 15 cts.

MAD. SALLERVI.—Compact and showy for borders. 15 cts.

ROSE-SCENTED.—Nutmeg and lemon scented. 15 cts.

APPLE GERANIUM.—Seed, 20 cts. packet.

Write us if you want a fine collection of Geraniums.



BRUANT.

FUCHSIAS.

We believe our list of Fuchsias to be the best in the country. Of the 33 varieties we offered last spring, we have thrown away all but 19 varieties, not because they were poor, but because these offered this year are a still better list. Have tried the sorts in all ways the past season, and discarded all we possibly could. Any that were similar and a little bit inferior to those we have in our list, we discarded. The 7 following varieties are **brand new French importations** this year; the Mrs. E. G. Hill is the best white Fuchsia ever introduced.

MRS. E. G. HILL.—(New.) Plant is a free, clean, upright, stocky grower, very prolific bloomer. Flowers very large and double, the corolla is a beautiful satiny-white; the sepals are well reflexed, and are of a beautiful bright scarlet pink—a very lovely color. It is the best of all white Fuchsias. 35c. each, 3 for \$1.00.

ABUNDANCE.—(New.) The tube and sepals are red, corolla a deep purple; the most floriferous Fuchsia among the singles. 35c., 4 for \$1.

SURPRISE.—(New.) The sepals are a waxy white, pointed with green; corolla a pale magenta, bordered with a deeper shade; an excellent single variety. 35 cts. each, 4 for \$1.00.

VILLE DE LYON.—(New.) Tube large, sepals horizontal, crimson red; enormous corolla, double white, veined carmine. 35c. each, 4 for \$1.

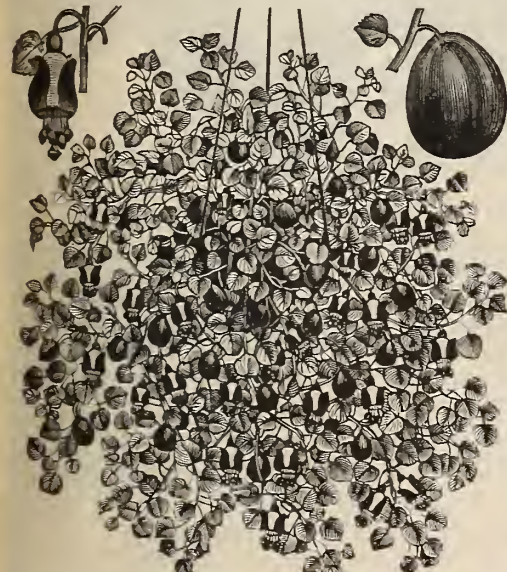
A. DE NEWVILLE.—(New.) Flowers very double, corolla large and spreading, reddish violet, sepals recurved, of a rosy-wine color; extra. 35 cts. each, 4 for \$1.00.

ERNEST RENU.—(New.) Plant vigorous, of a pyramidal growth and profuse bloomer; tube short, rosy white, sepals reflexed; corolla single rose. 35 cts. each, 4 for \$1.00.

PRESIDENT CARNOT.—(New.) Plant extremely floriferous and a thrifty grower; corolla medium double; slaty violet; sepals red, reflexed; extra. 35 cts., 3 for \$1.00.

STORM KING.—This is the great plant so much has been said about. Our stock is true. This grand plant is of the most beautiful weeping habit. The branches, drooping as they do, lend the plant a charming grace which is rarely found. Branches numerous, leaves small and numerous and of the most beautiful glowing green. The buds, for two weeks before they expand, are balls of bright scarlet-crimson, and are one of the principal beauties of the plant, as they hang suspended among the dense green foliage. The flowers continue to grow larger and larger for several days after they expand, and reach an enormous size. The sepals are of the same glowing scarlet-crimson of the buds, while the large double corolla is of delicate waxy whiteness, elegantly penciled with deep bright crimson. No finer contrast of colors can be imagined. Strong plants. 20 cents each, \$2.00 per dozen.

BULGARIE.—Sepals large, clearly defined, brilliant red; corolla very large and spreading, of violet-plum color; extra. 20 cts. each.



FUCHSIA PROCUMBENS.

FLOWERS
2/3
NAT.
SIZE



MRS. E. G. HILL.

PHENOMENAL.—The largest Fuchsia we have yet seen—larger than Champion of the World; the tube and sepals are bright coral-red, beautifully formed; the corolla, nearly 2 1/2 inches across, is of the very richest violet shade; the habit is remarkably free, and it blooms more freely than any large variety we have seen. 20c. each, \$2.00 per doz.

ARABELLA IMPROVED.—White tube and sepals, with rose-shaded pink corolla. 15c.

AURORA SUPERBA.—Orange-salmon shaded tube and sepals; vermilion-red corolla. 15 cts.

COVENT GARDEN WHITE.—Tube and sepals pure white, with deep rose-pink colored corolla; a variety of strong growth, extra. 15c.

SIR GARNET WOLSELEY (Avalanche).—Fine large double; purple; extra. 15c. ea.

ROSE OF CASTILE.—Blush-pink; violet corolla. 15c.

SEDAN.—Bright dark-crimson tube and sepals, with corolla of deep crimson; dwarf, free-flowering and handsome. 15 cts.

SPECIOSA.—Blush tube and sepals; light red corolla; very free; probably the best winter flowering variety. 15 cts.

DISPLAY.—Light scarlet tube and sepals, with bright mauve corolla; flowers incessantly for many months. 15 cts.

EARL OF BEACONSFIELD.—Tube extremely long; sepals broad and spreading, deep blush color; corolla deep salmon-rose; very distinct variety. 15c.

MAD. J. CHRETIEN.—Enormous flowers; sepals and tube carmine; corolla spreading, pure white, veined with bright carmine; very double. 15 cts.

MAD. VAN DER STRASS.—This variety is nearly perfection. The tube and sepals are brilliant deep scarlet, thick and leathery in texture; the corolla is very large and double, and nearly pure white. 15 cts.

ROSE PERFECTION.—Tube and sepals pure white, with bright rose-pink corolla. 15 cts.

SENATEUR BERLET.—Flowers very large and double; tube and sepals carmine; corolla deepest violet-purple; the flowers are of large size and beautiful effect. 15 cts.

All varieties priced at 15 cents each are \$1.50 per dozen.

THE TRAILING FUCHSIA. FUCHSIA PROCUMBENS

As a Fuchsia this is indeed a novel and interesting sort, and one of great value and beauty, especially for hanging pots and baskets. It is probably the prettiest trailing plant in existence. The mass of wavy vines covered with pretty leaves, bright flowers and red berries hanging over the sides of a pot, basket or vase are exceedingly attractive. The flowers are small and show several colors, the anthers being blue. The seed vessels grow to the size and shape of robins' eggs, and change from green to deep crimson-red, and in this showy condition hang to the vine for six months or longer, and are one of the principal beauties of the plant. It also grows freely in the open ground, and is hardy in most parts of the country, losing its leaves in winter, but retaining its bright berries, and in spring commencing a fresh growth of foliage and flowers. 25 cts. each, 5 for \$1.00.

Seed of Fuchsia Procumbens. Pkt. 20 cts.



MRS. G. DAWSON COLEMAN.

DOUBLE ** PETUNIAS.

This List comprises the Finest New French and American Varieties.

BANNER.—Flowers of good size, centre purple with a wide border of very pure white. 15 cts.

CHERUB.—White splashed carmine and crimson, beautiful. 15 cts.

DAISY DEAN.—Beautiful lavender pink shaded to flesh, finely fringed, bushy growth. 20 cts.

EDDIE GEORGE.—Carmine and crimson petals bordered with a deep fringe of pure white; flowers very large and double and of finest form. 15 cts.

GORDON PHILLIPS.—Crimson and purple, nicely marked with pure white, large full flowers. 15 cts.

LITTLE MAUD.—Dwarf, bushy, and very free-flowering, pure white bordered with rosy-pink. 15 cts.

LUCINDA.—Purple carmine mottled white, fine. 20 cts.

P. J. BERCKMANS.—Large beautiful formed flowers, very full at the centre, lovely bright carmine, edge of petals marked with purest white, slightly fringed. 15c.

ROBERT BROWN.—Flowers of immense size, petals slightly fringed, beautiful carmine and rose, centre of petals evenly lined with pure white. 15 cts.

SOUVENIR.—White with rosy crimson blotch or centre fine. 15 cts.

Set of 10 for \$1.50.

The following list comprises the very best of the old sorts.

EXQUISITE.—Delicate rose, edged white, deeply fringed; novel and beautiful. 15c.

MIRADO.—Crimson blotched with white; flowers large and full.

MRS. E. C. WEBSTER.—Large flower; very free grower; in color, purple and white. Very showy. 15 cts.

MRS. G. DAWSON COLEMAN.—An entirely new and distinct shape; the finest double white petunia ever sent out. 20 cts.

MRS. D. C. BLAIR.—Rosy purple and crimson, mottled with deep lace fringed, petals curled or frilled; flowers large and very double. 15 cts.

PICOTEE.—One of the best novelties yet offered in double petunias; color purple and crimson, with close crimped lace edge of white; very double. 15 cts.

Set of 6 for 75 cents.

NEW AND BEST ROSES FOR '89.

TEN GRAND ROSES OF RECENT INTRODUCTION.—

This set represents the cream of the New Roses of the past two years. Price (strong plants), 35 cts. each.
MISS EDITH BROWNLOW (New).—An exquisite shell-pink, perfect in form, somewhat resembling Catharine Mermet, but of deeper, richer color; its beautiful buds are produced constantly and in the greatest profusion. Destined to become a great favorite.



MAD. HOSTE.

PRINCESS SAGAN (New).—This is the deepest crimson tea-rose that has yet made its appearance; the color is indescribably rich, and the foliage handsome. A free bloomer and a great acquisition.

MILLE ANDRE DURON (New).—Rich carmine color, and somewhat resembling American Beauty in general appearance, but quite distinct from that fine variety. The finest rose in its class.

EARL OF DUFFERIN.—A magnificent hybrid perpetual rose, color rich dark crimson, shaded with black, of immense size and perfect form. This rose was awarded the highest honors at all the principal rose shows in Great Britain in 1887, and is the peer of any rose extant.

MAD. SCIPION COCHET.—Beautiful creamy rose, with deep crimson centre; flowers large, somewhat tulip-shaped; quite full and very sweet; a constant bloomer, very striking and handsome.

MAD. AGATH NABONNAND.—This grandly beautiful rose resembles in color the delicate hues seen on the inside of the fairest deep sea shells; rosy flesh bathed in golden amber; immense buds; broad shell-like petals, sweet.

MARIE LAMBERT.—This rose might truly be called a "White Hermosa," so much does it resemble (except in color) the old favorite pink Hermosa; it will prove to be one of the most valuable roses ever introduced.

SUSANNA BLANCHET.—Outer petals a clear pearly white, with deep flesh centre; exceedingly full and large, a very strong grower and free bloomer.

MAD. ETIENNE.—One of the finest of clear pink tea-roses; broad petals, which recurve beautifully, giving it the shape of a Camellia. Of dwarf, compact growth. The French rose growers call this the Dwarf Mermet, and speak of it in terms of the highest praise.

PRINCESS BEATRICE.—A pure tea of strong growing habit, heavy foliage, coloring deeply after the style of Perle; outer petals varying from canary to golden-yellow, edged lightly with bright rose color; from its first opening the petals roll their edges backward, displaying the bright apricot centre.

Strong Plants 35 cts. each. The 10 varieties for \$3.00.

A Marvellous New Rose. MADAME HOSTE.—The Grandest New Tea Rose of the Year. Strong plants \$1.00. Of immense size (it is as large as Cornelia Cook and as free as Perle des Jardins). Forces freely under glass; at this date (January 1st, 1889) it is covered with buds and bloom; creamy white color, deepening to pale yellow in the centre; blooms constantly and profusely, the magnificent flowers are borne on long, erect stems. We cannot say too much in praise of this rose. From its many good qualities it is destined to create a sensation in the rose-loving world.

SIX FINEST HARDY HYBRID PERPETUAL EVER-BLOOMING ROSES for out-door planting. Price, from 3-inch pots, strong plants, 25 cts. each, \$2.50 per dozen.

DINSMORE.—This rose resembles the popular favorite "Mad. Chas. Wood" in shape and color of bloom, but is a much stronger grower and a profuse and perpetual bloomer. 25c.

QUEEN OF QUEENS.—Pink, with blush edges; large, full and of perfect form. This rose was sent out by Paul & Son, of England, two years ago, and has proven to be one of the very finest garden roses always in bloom.

MRS. JNO. LAING.—One of Henry Bennett's finest productions; color a soft delicate pink, with a satin tinge; blooms large; of exquisite form and delightful fragrance; the freest bloomer in its class. Awarded the highest prize at the London Rose Show. 25c.

MAD. MASSON.—Large and double, color reddish; crimson of fine form and substance; constantly in flower; invaluable for out-door planting. 25c.

AMERICAN BEAUTY.—This rose, first introduced three years ago, is now firmly established in the affections of all lovers of grand roses. Its color is a deep glowing rose; globular shape, full and double; immense size, the bloom frequently measuring six inches across; as fragrant as any June rose. 25c.

COQUET DES ALPS.—White, occasionally shaded with delicate pink; in clusters; a perpetual bloomer. We have no hesitation in saying that this is the best white rose for out-door planting. 25c.

25 cts. each. The 6 varieties, \$1.00.

TWELVE FINEST TEA AND HYBRID TEA ROSES for out-door planting. Every rose on this list is exceptionally fine, in each case the very best of its class has been selected for out-door planting, vigor of growth, freedom of blooming, and size and quality of flower. It is simply impossible to get twelve better and more distinct roses for garden use. A slight protection of manure or litter will be needed to enable them to live through the winter north of Washington, D. C.

E'TOILE DE LYONS.—Undoubtedly the finest yellow rose we have for out-door planting; it blooms freely and each flower is a gem. 15c.

MAD. WATTEVILLE.—Creamy white, the edges of each petal shaded with bright rose. It is known as the "Tulip Rose" from a striking resemblance to some varieties of that flower. Grows well and blooms continually. 15c.

MAD. CAROLINE KUSTER.—Beautiful orange-yellow, clear and distinct; fine, full form; large and double; highly perfumed; very desirable. 15c.

METEOR.—An exceedingly rich, dark crimson color; in cool weather almost black; large and of superb form; no rose of its color blooms so well. 15c.

PIERRE GUILLOTT.—H. T. This rose is known as the "Everblooming Jaque"; bright dazzling crimson, passing to brilliant carmine; flowers large, very double and full, and highly perfumed; of healthy and vigorous growth and a constant bloom from June until frost. A grand rose. 15c.

MARIE GUILLOTT.—This is unquestionably the finest white out-door tea rose; large, full and of perfect globular form, grows well and blooms constantly. 15c.

PAPA GON-TIER.—A magnificent red tea. Flowers large and semi-double a vivid rose color, deepening in the cool autumn weather to a rich crimson. A grand grower; will thrive on almost any soil; the foliage is exceedingly rich and the blooms are produced in abundance. 15c.

LA FRANCE. Still "the Queen of all the Roses"; rich pink color, with silvery rose shades; very large, and of the most graceful form. No rose exceeds it in blooming qualities; deliciously fragrant. 15c.

MARIE VAN HOUTTE.—Perfect straw color, outer petals tinted with bright rosy crimson; flowers constantly and on long, stiff stems, with beautiful foliage. One of very finest out-door roses. 15c.

COQUETTE DE LYON.—This is the freest bloomer of all the yellow roses; a good grower and very profuse bloomer, widely known as "Yellow Hermosa." 15c.

COMPTESSA RIZA DU PARC.—Color coppery rose, tinged with soft violet crimson. A distinct and valuable rose. 15c.

DUCHESSA DE BRABANT.—This rose combines exquisite perfumes, beautiful coloring and a matchless profusion of flowers and beautiful foliage; soft, light rose, with heavy shadings of amber and salmon; quite hardy. 15c.

15 cts. each. The 12 for \$1.50.



HARDY PERPETUAL BLOOMING ROSES.

EXTRA STRONG TWO AND THREE YEARS OLD ROSES.

We have selected these fine varieties to meet the demand we have every year for strong roses. They are low budded, and should be planted deep enough to cover where budded. 40 cts. each, by mail; 35 cents each, by express. \$3.60 per dozen, by mail; \$3.00 per dozen, by express.

ANTOINE MOUTON.—Globular, rich, silvery-pink flowers; sweet scented; prolific bloomer.

ABEL CARRIERE.—This grand rose ranks as one of the best; extra large, bold flowers; perfect form; very double full and sweet. Color rich, glowing crimson, changing to deep fiery red; very dark and handsome.

ANNA DE DIESBACH.—Clear, bright carmine; very large, and finely shaped; full and fragrant.

BARONESS ROTHSCCHILD.—A magnificent rose; flowers extra large, full, and globular; color rich silvery-white, delicately tinged with pale blush.

CAPTAIN CHRISTY.—A lovely rose, blooming almost the entire season; very large, double buds, of a deep flesh color; strong grower and grand foliage.

COQUETTE DES ALPS.—Best continuous white bloomer. One of the finest white hybrid perpetuals; a profuse bloomer; flowers pure white, sometimes shaded with blush.

FISHER HOLMES.—Rich velvety crimson, large double, and of fine form.

GEANT DES BATAILLES.—Bright scarlet crimson.

GENERAL JACQUIMENOT.—Brilliant scarlet crimson.

SOUV. DE LA MALMAISON.—Rich flesh color, with rose centre; very double. When well-grown, this is yet, perhaps, the finest rose in cultivation.

JOHN HOPPER.—Bright rose, carmine centre; flowers large, cupped, and well formed.

LA FRANCE.—Splendid satin rose; very large; full, fine form; a constant bloomer. The sweetest of all roses, and none can surpass the delicacy of its coloring.

MABEL MORRISON.—Pure white; in autumn faintly flushed with pink; a lovely and distinct rose.

MAD. GABRIEL LUIZET.—Fine satiny rose; very large and full.

MAGNA CHARTA.—Bright pink, suffused with carmine.

MERVEILLE DE LYON.—Pure white, shaded with satiny rose; flowers 4 to 5 inches in diameter, double, and of a beautiful cup shape.

PAUL NEYRON.—Very large dark rose; by far the largest rose in cultivation.

PRINCE C. DE ROHAN.—Deep velvety crimson-maroon, shaded with red.

PERLE DES BLANCHES.—Pure white; vigorous and free; blooms in clusters.

WHITE BARONESS.—Pure white; a splendid bloomer.

MAD. CHARLES WOOD.—A gem among roses, flowering from June until December. Rich deep crimson flower, most perfect in shape and of good size.

QUEEN OF BEDDERS.—A well-known variety of great value for summer flowering. It excels in brilliancy of color almost every known rose, being a most dazzling shade of crimson-scarlet.

ULRICH BRUNER.—A seedling from Paul Neyron; color carmine-rose, verging on crimson; very free bloomer. So great is the demand for buds of this superb rose, that many large houses are now devoted exclusively to its culture.

LARGE STRONG TEA ROSES TWO AND THREE YEARS OLD, same quality and size as the Hardy Perpetuals. Nothing but the finest varieties. Our selection 40 cts. each, by mail; 35 cts. each, by express.

Our \$1.00 Collection of Hardy Roses for 1889.

This List Includes Roses of Distinct Character, and of Great Merit. The 6 Fine Varieties Mailed for \$1.00.

AMERICAN BEAUTY (Red La France).—Perfectly hardy and a free, constant ever-bloomer. This variety increases in everyone's favor each year as we see more good qualities constantly developing. It is equally fine for out-door blooming or green-house culture. Strong and vigorous grower. The buds and flowers are extra large and full; very double and exceedingly sweet, and borne in the most copious profusion. The color is dark, rich crimson, exquisitely shaded. This is one of many that should be chosen by all means.

LA FRANCE (Hardy).—Delicate silvery-rose, shaded with cerise-pink, often silvery-pink with peach shading; very large, very double, and of superb form. It flowers continuously throughout the season. None can surpass the delicacy of its coloring; in fragrance, it is incomparable; in form, it is perfect, and is the sweetest and most useful of all roses. It ranks first, not only in the section to which it belongs, but stands first and foremost among roses.

EMPRESS OF INDIA (Hardy).—An imperial rose in every way; splendid form, very large, full and double, very fragrant; color, dark violet crimson, finely shaded and velvety.

MARIE BAUMAN (Hardy).—Brilliant carmine crimson, large and fragrant.

GEANT DES BATAILLES.—This rose has been scarce of late years; it is certainly one of the grandest roses ever raised; bright scarlet crimson, loaded with bloom.

SOUV. DE MALMAISON.—Has been a favorite for years, and is unequalled to-day. Rich flesh color, with rose centre; very double; when well grown, this is yet, perhaps the finest rose in cultivation. It is sometimes forced in the winter season, but it is properly a summer-blooming rose.

ROSES FOR WINTER FORCING.

For Planting in Houses for Winter Blooming.

To those having Private Conservatories we specially recommend this list.

This list embraces all the well-tested and really desirable roses for forcing for winter flowers. Our stock this year is in superb condition, and cannot fail to give satisfaction. Price, from three-inch pots, **strong plants**, \$2.00 per dozen, \$15.00 per 100; price from four-inch pots, **strong plants**, \$3.50 per dozen, \$25.00 per 100; price from five-inch pots, **extra size**, \$5.00 per dozen, \$35.00 per 100.

PERLE DES JARDIN.—This magnificent rose still retains its position as the finest rose of its color, which is a clear golden-yellow; large and globular.

SUNSET.—This is a "sport" from the above grand variety, and identical with it except in color, which is a remarkable shade of rich, golden-amber, shaded with dark ruddy copper; intensely beautiful, and resembling in color a splendid "after-glow."

MAD. DE WATTEVILLE.—This grand rose is one of the most beautiful varieties recently introduced, and merits all the praise we can give it. The growth is vigorous; flowers very sweet, full, and of good form; color creamy-yellow, shaded carmine. This is known as the "Tulip Rose."

WM. F. BENNETT.—Undoubtedly the best red forcing rose in existence; it is known as the everblooming "Jaque" and resembles in color that popular variety; constant and profuse bloomer.

CATHERINE MERMET.—One of the very finest pink forcing roses; color clear shining pink, with delicately shaded amber and fawn centre; large flowers, strong grower, and free bloomer.

THE BRIDE.—This is now everywhere acknowledged to be the finest white forcing rose. It is a "sport" from the famous Catherine Mermet, which it greatly resembles, except in color, which is a pure ivory-white.

DUKE OF CONNAUGHT.—Flowers extra large, full, and globular; color intense glowing crimson; very brilliant and exquisitely beautiful.

MADAME CASIN.—A striking and beautiful rose; color bright purplish-crimson, with white centre, tinged and shaded with yellow. The flowers of this rose, when cut, will last longer than any other variety of Tea Rose.

NIPHOTOS.—Pure white with beautiful, long, pointed buds, full and fragrant; the favorite white rose for bride's bouquets.

PAPA GONTIER.—Large, finely formed buds and flowers; full and fragrant; dark carmine-crimson, changing to pale rose. This is now established as one of the very best.

MISS ETHEL BROWNSLOW.—New and beautiful shell-pink, of exquisite form; very good grower and free bloomer. Resembles C. Mermet, but is of a deeper, richer color; medium size.

AMERICAN BEAUTY.—A magnificent rose; as large and fragrant as any hybrid perpetual, excepting perhaps Paul Neyron. Indispensable in every collection. Color deep crimson; of globular form.

LA FRANCE.—A superb rose, now too well-known to need extended description; largest size; graceful form and exceedingly fragrant. A very free bloomer, and in every way first-class.

SOUVENIR D'UN AMI.—Fine delicate rose, shaded with salmon; very large, full, and double; exquisitely fragrant; a free bloomer and grower. A popular rose for over thirty years, and still considered one of the finest Teas. Can always be relied upon to produce quantities of bloom.

Twelve Finest Hybrid Perpetual Roses for Out-door Planting.

IN EXTRA-SIZED PLANTS. PRICE 75 CENTS EACH, \$8.00 PER DOZ.

For the accommodation of those of our patrons who desire to get extra-sized plants, we have grown extra strong plants, averaging two and a half to three feet in height, grown in six-inch pots, of the following list of superb, hardy, hybrid, perpetual roses; the twelve finest and most distinct hybrid perpetual roses in existence.

MAD. GABRIEL LUIZET.—The color is a fine satin rose, inlaid with silvery rose, and color heightened at the centre. The finest of all pink hybrid perpetuals.

ANNA DE DIESBACH.—Bright, fine rose color; very large and strong; particularly fine when half grown; flower slightly cupped; a vigorous grower. This is the famous "Glorie de Paris" Rose.

BARONESS ROTHSCHILD.—The form of this rose is absolute perfection; globular in shape; the petals curved and of waxen texture. Though perfectly double, there is no crowding of petals; flowers immense size, with satiny finish, and of a very pleasing shade of delicate, but decided, pink. Habit and style of growth very good.

JEAN LIABAUD.—Large, full, bold flowers; elegantly scented; color dark, rich, velvety crimson; very beautiful and attractive. This is undoubtedly the finest of the extremely dark (shaded black) roses.

PAUL NEYRON.—This is probably the largest rose grown, and one of the finest; bright, shining pink; very clear and beautiful; very double and full; finely scented; blooms all summer, and is grand in the fall months.

COUQUET DES BLANCHES.—Flowers pure snowy white, sometimes faintly tinged with pale rose; blooms in large clusters; medium size, full, and beautiful; slightly fragrant; blooms constantly and profusely.

MERVEILLE DE LYONS.—A splendid rose of the higher type of beauty. The flowers are extra large, fine cupped form, full and regular, and deliciously perfumed; color ivory-white, elegantly flushed with pale carmine; very beautiful.

MAGNA CHARTA.—This is one of the grandest of all roses; color pink, suffused with carmine; full, globular, and of immense size; the rose of its color.

COUNTESS OF OXFORD.—A magnificent rose; color glowing carmine; long, pointed buds; produces its superb flowers almost as freely as a Tea rose; flowers all summer and fall.

ULRICH BRUNER.—A seedling from Paul Neyron; color carmine-rose, verging on crimson; very free bloomer. So great is the demand for buds of this superb rose, that many large houses are now devoted exclusively to its culture.

BOULE DE NEIGE (Ball of Snow).—Pure white in color; large, double, and globular; very fragrant; constantly in bloom and hardy. A gem.

GEN. JAQUEMINOT.—Bright crimson, exceedingly rich and velvety; the buds and half-blown roses are very fine, and fairly glow with its deep, rich coloring. A vigorous grower and free bloomer. Well-known as one of the very best roses. Should be in every collection.

Extra size from 6 inch Pots, 75 cts. each, \$8.00 per dozen.

Special Low Offer for Standard Everblooming Roses.

\$1.50 per dozen, your selection; \$1.00 per dozen, our selection.

Which always includes 1 CATHERINE MERMET, 1 BRIDE, and 1 PAPA GONTIER (Everblooming Jack); best everblooming outside Scarlet Tea Rose.

AGRIPPINA.—Dark scarlet.
ANDRE SCHWARTZ.—Dark crimson.
ALINE SISLEY.—Violet-red.
BOUGERE.—Dark-pink.
BON SILENE.—Brilliant carmine.
THE BRIDE.—Creamy-white.
CATHERINE MERMET.—Soft carnation.
COMP RIZA DU PARC.—Violet crimson.
DEVONIENSIS.—Creamy-white.
DOUGLASS.—Dark rich crimson.
DUCHESS DE BRABANT.—Soft pink.
EMPRESS EUGENE.—Light pink.
GEN. TARTAS.—Brilliant carmine.
HERMOSA.—Rosy-pink.
HOMER.—Ivory-white.
ISABELLA SPRUNT.—Canary-yellow.
LA PACTOLE.—Lemon.
LOUIS PHILLIP.—Dark crimson.

LA FRANCE.—Peach apricot; ex. fine.
MAD. MARGOTTEN.—Citron-yellow.
MARIE GUILLOT.—Best pure white.
MARIE VAN HOUTTE.—Beauty; ivory-white.
MAD. BRAVAY.—Creamy white.
MAD. CAMILLE.—Large rosy flesh.
MARECHAL NEIL.—Golden yellow.
MAD. LAMBARD.—Rosy salmon.
MAD. DE VATY.—Dark crimson.
PERLE DES JARDINS.—Golden yellow.
PAPA GONTIER (Everblooming Jack).—Brilliant scarlet.
QUEENS SCARLET.—Deep crimson.
SAFRANO.—Apricot.
SUNSET.—Deep apricot.
SOUVENIR DE MAD. PERNET.—Soft crimson.
WASHINGTON.—White; half-climber.

\$1.50 per dozen, your selection; \$1.00 per dozen, our selection.

We always include one each of CATHERINE MERMET, BRIDE, and PAPA GONTIER.

CLIMBING ROSES.

GREVILLE or SEVEN SISTERS.—White, pink blush; seven flowers in a cluster.
TENNESSEE BELLE.—Best red.
 20 cents each, 75 cents for the 5 Climbers.

BALTIMORE BELLE.—White; pink centre.
QUEEN OF THE PRAIRIES.—Red.
WASHINGTON.—White; half climber.
 20 cents each, 75 cents for the 5 Climbers.

12 ROSES FOR \$1.00.

OUR SELECTION.—Every rose we send you will be of undoubted merit, and strong and healthy. We make this unprecedented offer so we may select vigorous every-day sorts that will grow and bloom, and give you plenty of buds and blooms all summer. They are Tea Roses.

POLYANTHA, OR FAIRY ROSES.

This class should be known as "Fairy Roses." Their very small and perfect flowers seem to be the work of fairies, so delicate in shape are their forms; while for number of blossoms they are unapproachable, besides which, they have proven to be perfectly hardy.

NEW POLYANTHA ROSE "MINIATURE."—A most beautiful little rose of compact and dwarf habit, in profusion of bloom, excels all other Polyantha Roses. The flowers are very double, and the edges of the petals are finely fringed, giving it a striking and beautiful appearance. The flowers are produced in great clusters, and are a delicate rose color on opening, changing to pure white as the flowers expand. 20 cts. each.

LITTLE GEM.—A most beautiful sort; flowers small, white, tinted with the slightest pink; an exquisite variety. 15 cts. each.

MAD. CECILE BRUNNER.—Salmon rosy-pink, with buff shades; completely covered with its flowers of not more than one inch in diameter, but of tea-rose form; the habit of the plant is dwarf and robust. 15 cts. each.

MIGNONETTE.—As the name would denote, this is deliciously scented; the flowers are blush or soft rose, borne in dense heads—we have had trusses with over 200 flowers and buds on each at the same time. 15 cts. each.

PAQUERETTE.—Equally as floriferous as the preceding; very dwarf, covering itself entirely with its pure snowy-white blossoms. 15 cts. each.

PERLE D'OR.—Flowers medium size, of fine form and texture; saffron-yellow, deeper in centre, with small white edge; growth bushy, rarely attaining over 15 inches in height. 15 cts. each.

One each of the above 6 Varieties, 75 cts. \$1.25 per doz.

HARDY CLIMBING ROSES. Climbing roses are valuable for training over ornamental arbors, trellises, pillars, verandas, etc. The varieties given below are hardy, and succeed well in all sections of the country; they are in bloom but once during the season, either in June or July, but are at that time very beautiful.

BALTIMORE BELLE.—Pale blush, variegated carmine-rose and white; very double; one of the best. 20 cts.

GEM OF THE PRAIRIE.—Bright violet-crimson; large, very double and fragrant; not so free a bloomer as some, but a valuable sort. 20 cts.

SETINA.—Climbing Hermosa; bright pink, very desirable. 20 cts.

WALTHAM CLIMBERS.—20 cts.

REINE MARIE HENRIETTE.—Rich cherry-crimson, finely shaped buds; climbing habit; the Red Glorie de Dijon. 20 cts.

One each of the 5 Climbers, 75 cts.

MOSS ROSES. These are much admired for the beautiful moss covering of their buds. They are more hardy than any other class, and while they will repay good and thorough culture, most of them will thrive and grow under circumstances that would be utter ruin to other roses. They generally bloom but once during the season—the exceptions being noted in the descriptions.

GLORY OF MOSSES.—A magnificent Moss Rose; extra large and perfectly double; color, deep rosy-carmine, shaded purplish-crimson; very mossy and fragrant; one of the finest. 25 cts.

HENRY MARTIN.—Rich glossy pink, elegantly tinged with crimson; large globular flowers; very full and sweet; finely mossed. 25 cts.

LUXEMBOURG.—Bright crimson-scarlet; large and double; very sweet and mossy; one of the finest. 25 cts.

PRINCESS ADELAIDE.—One of the best; extra large flowers; very double and fragrant, buds beautifully mossed; color, bright rosy-pink. 25 cts.

SPLENDID PERPETUAL MOSS ROSES.

COUNTESS OF MURINAIS.—One of the finest pure white Moss Roses; the buds are elegantly mossed; flowers large, full and fragrant; a valuable and very beautiful variety, but not a perpetual bloomer. 50 cts.; two-year size, \$1.00.

PERPETUAL MOSS ROSE, JAMES VEITCH.—One of the finest Perpetual Moss Roses, extra large flowers, very fragrant and full; color, light carnation-red; very scarce this year. 50 cts.

PERPETUAL WHITE MOSS ROSE.—One of the most mossy varieties; prettiest in bud; the flowers are of medium size, and borne in large clusters; fragrant, but not very double; color, pure white. 50 cts.; two-year size, \$1.00.

SPECIAL LIST CLIMBING ROSES FOR THE SOUTH.

MARECHAL NIEL.—Golden-yellow.
GLORIE DE DIJON.—Rich salmon-yellow.
LA MARQUE.—Lovely white.

WASHINGTON.—White, blooms in clusters.
TENNESSEE BELLE.—Best red.
 20c. each, 75c. for the entire 5.

New Hybrid Tea Rose, "The Puritan." This fine variety is of pure white color, perfect symmetry and of most delightful fragrance. In size and shape it greatly resembles its parent, "Mabel Morrison," carrying a wreath of foliage close up to the flower. The fragrance of the "Puritan" is deliciously fresh and sweet, being very suggestive of the magnolia. It is of robust habit, and is a profuse bloomer. This variety is a poor grower, we do not recommend it. 35 cts. each.

MAD. BRUANT (New).—Hybrid between Rosa Rugosa and a free-blooming Tea, very desirable. Large plants, \$1.50 each; 2½ in. pots, 50 cts.

GLORIE DE MARGATTEN (New).—Bright scarlet, long pointed buds. 50 cts.

MAD. HOSTE.—A grand Tea Rose. See List of Roses. \$1.00.

MRS. ALPHEUS HARDY.

CHRYSANTHEMUMS.

We wish all who are interested in this wonderful plant to inspect our list carefully. It is not alone intended for the amateur, or the beginner buying his first plants, but it is intended to appeal to the connoisseur and the professional as well. For lack of space we cannot illustrate many of the finer varieties we would like to, and for which we had illustrations made, and have to omit. To many the last two pages, thickly set with almost endless varieties, will seem dull and without interest, but to the connoisseurs or lover of Chrysanthemums, it will be scanned with interest. In them will be found many sorts never before offered, which we have imported from France and England's greatest experts, as well as collected from our enthusiasts all over the country.

In the matter of new varieties this country seems to be leading the world. AMERICAN SEEDLINGS stand without a peer. Some of the finest varieties are not raised by professional, but by expert gardeners, and lovers of this, the Japanese Sacred Flower—Mr. McClure and Jones, of Orange, Mr. Childs' (of Philadelphia) gardener, Mr. Hughes—have raised marked and lasting varieties. In the profession no one has done more than Mr. Robert Craig and W. K. Harris, of Philadelphia. Mr. Spaulding and Thorpe and Mr. Wm. Hamilton, of Allegheny, Pa., who raised the seedling, Mrs. Carnegie, and presented it to Mr. Thorpe. We mention this to merely show that the lovers of this flower unknowingly raised monuments to their work more enduring than stone.

We are making a new departure this season to benefit our Chrysanthemum-loving friends, by purchasing some of the choicest seed from Mr. Craig, Harris, and others, to fully insure our customers that there is nothing better ever raised.

This season has been fraught with new and wonderful varieties, surpassing, by far, in beauty, size, and radical new departures anything ever before seen. Nothing has ever been raised to approach Mrs. Alpheus Hardy, Mrs. Carnegie, Mrs. W. K. Harris, E. H. Fitler, and several of the other new ones, and all our lists of new ones far surpass anything ever before offered. We have spared no pains or expense, paying as high as \$100.00 for a single plant, in order to procure everything that was the best. We have been helped greatly in this matter by the untiring labor and sound judgment of Robert Craig, of Philadelphia, who vouches for the merits of the new varieties.

Chrysanthemum * * Seed.

Winners of our 1888 Prize for Best Seedling Chrysanthemum raised from our seed:—

FIRST PREMIUM, \$30.00,
Mrs. Jessie Reysters, Elkton, Ky.
SECOND PREMIUM, \$20.00,
Mrs. C. C. Terry, Willimantic, Conn.

As we mentioned above, we shall offer this year a grade of seed superior to anything ever sold before, as we have procured all we could from numerous enthusiasts who usually raise only enough for their own sowing. This we mix with the choicest of our own saving, making the choicest grade of seed ever offered. It is exactly similar to the seed the finest varieties are raised from.

WE SHALL CHARGE THE SAME PRICE, 25 CENTS PER PACKET.
Full directions how to grow the seed enclosed in every package.



PRIZES FOR 1889 We offer under the same conditions as last year, viz.:—In both cases the 2 Premium Plants shall be sent us. The parties taking the Premiums can name the successful Plants, and will be sent 2 plants in the following Spring.

\$50.00 FOR THE BEST VARIETY RAISED FROM OUR SEED.

\$25.00 FOR THE NEXT BEST VARIETY RAISED FROM OUR SEED.

MRS. ALPHEUS HARDY.—The illustration shows a flower of this remarkable novelty which has attracted so much attention wherever shown. No new plant of any kind ever attracted the attention or caused the admiration this plant has the past season. Such a wonderful departure is startling in effect and beauty.—pure white,—making a perfect ball covered with long fine hairs. \$1.00 each.

MRS. ANDREW CARNEGIE.—The best chrysanthemum yet produced from seed either in America or Europe. Winner of the Silver Cup and First-Class Certificate at the New York Horticultural Society's Exhibition, and Silver Medal at Pennsylvania Horticultural Society, Philadelphia, November, 1888. Appended is the description of the committee by whom the cup was awarded: "The Committee desire to make special mention of its enormous size, rich crimson color and fine form; it is a remarkably free, strong grower, and good bloomer. A grand and noteworthy acquisition." Robert Craig, John Burton, Edwin Lonsdale, Committee. \$2.00 each.

MRS. W. K. HARRIS.—Deepest rich golden yellow. Large, full and deep; finest yellow variety ever raised. \$2 each.

CRAIG & BRO.'S NEW CHRYSANTHEMUMS.
Ready March 1st, 1889.

MRS. IRVING CLARKE.—Pearl white on the margin shading to deep rose centre, which is beautifully whorled; reflexed. \$1.00 each.

MRS. LEVI P. MORTON.—Bright pink; the base of each petal is pure white, forming a broad and decided ring around the yellow centre. Awarded first premium for Best Seedling at Orange, N. J., Show, Nov. 7th, 1888. \$1.00 each.

EDWIN H. FITLER.—Rich, brilliant yellow, slightly streaked with red, giving it a somewhat bronzed appearance, without detracting from its unusual brightness. "The Fitler stands alone, and is one of the most lovely, distinguished, and valuable sorts ever introduced." \$1.25 each.

MOUNTAIN OF SNOW.—Pure, white; immense size; the blooms forming a perfect ball. \$1.00 each.

MISS MARY WHEELER.—Pearly-white, the petals delicately tinted on outer edge with pale ink. \$1.00 each.

MRS. A. C. BURPEE.—Chrome-yellow; reflexed; full double flower, the lower petals extending beyond the main flower. \$1.00 each.

MRS. GEO. D. COLEMAN.—Deep lavender; reflexed; broad petals; immense size; a grand variety. \$1.00 each.

SUNNYSIDE.—Of delicate flesh-tint when opening, becoming white when fully expanded; quilled floret-petals; immense size and great substance. \$1.00 each.

BEAUTY OF KINGSESSING.—Pale lavender; outer petals reflexed, minor ones recurved; very full; the blooms measuring ten inches across. \$1.00 each.

ROSE HILL.—Pale pink, about the shade of "Grace Wilder" Carnation; long narrow petals forming immense balls of bloom. \$1.00 each.

\$1 each. The Set and MRS. W. K. HARRIS, \$10.

H. WATERER'S NEW CHRYSANTHEMUMS.

MRS. W. K. HARRIS.—Deepest rich golden yellow, thoroughly incurved; probably the finest yellow Chrysanthemum ever raised. (Winner of Blanc Prize, November, 1888.) \$2.00 each.

COLOSSAL.—This variety, I believe, is the largest of all chrysanthemums; in form it is somewhat flat with ends incurved; color pearl-pink changing to blush-pink; flowers end of November to Christmas. \$1.00 each.

T. C. PRICE.—Double, much twisted, and incurves in the form of a cork-screw; strawberry-cream color. \$1.00 each.

EDWIN FEWKES & SONS'

PRIZE COLLECTION OF CHRYSANTHEMUMS.

Received the Highest Praise wherever shown.

LILIAN B. BIRD.—Double flower composed of long quilled petals; very clear flesh pink of a shade never before obtained. \$1.00 each.

EMILIE RICKER.—Double, creamy-white flower with remarkably broad and long petals, incurved at first but reflexed with age. 50 cts. each.

MRS. FOTTLER.—Double, long pointed petals; opening flat at first, but developing into a large feathery bloom of great beauty. The color is clear, soft rose. \$1.00 each.

NEESMA.—Double, and very broad pointed petals of great substance. Pure, deep orange-yellow. 50 cts. each.

WILLIAM H. LINCOLN.—Immense size, full, double and incurved. Color similar to Jardin des Plantes. \$1.00 each.

KIOTO.—Large yellow incurve. \$1.00 each.

NIPPON.—Large, full, double reflexed flower, with long twisted petals. Light pink, with white centre. 50 cts. each.

EMPERESS OF JAPAN.—Large, perfectly incurved, pure white. \$1.00 each.

HALLOCK'S

1889 Bric-a-Brac Collection OF THE FREAKS OF NATURE.

This collection comprises the most curious and striking oddities we have in the Chrysanthemum world. We have selected them from the long procession of varieties—in collections they are invaluable, and always attract marked attention at all exhibitions.

Fabian de Mediana (No. 1).—Large distinct centre; bluish and bronze with long twisted drooping petals of creamy-white; wonderfully striking. 20 cts.

Medusa (No. 2).—As weird in looks as the veritable head of Medusa. A large pure white double flower of a most peculiar form. The petals are ribbon-like, very long and drooping, resembling somewhat the flowers of the white fringe tree, a most striking object, appearing as though hung over with masses of silken threads. 50c.

Leopard (No. 3).—A distinct spotted variety; rich mauve, strangely spotted with pure white. Awarded a certificate as an oddity surpassed by none. 35 cts.

“Curio.”—A pink Japanese variety, of fantastic, yet symmetrical shapes; a pleasing shade of rose, and very attractive. 20 cts.

New Sweet Scented Chrysanthemum, “Nymphœa.”—The flowers are of the purest white, about 2 in. in diameter, and have somewhat the form and fragrance of the well-known Pond Lily; being borne individually on long stems they are extremely valuable for cut flowers, while their delicate perfume and chaste character make them desirable for the finest floral work. A special premium was awarded this variety by the N. Y. Horticultural Society at their exhibition Nov. 10. Plants ready March 1. \$1.00 each.

Ratapoll (Hairy Rat).—Rusty brown, centre petals lighter and very long and peculiarly formed, being something like a Bouvardia petal; a new color and extremely odd. 25 cts.

J. T. Lovett (New 1887).—Pure white thread-like flowers growing in large clusters; a magnificent variety, appearing like a fine downy brush. 20 cts.

“Orange Tassel” (New).—Petals are beautifully and densely fringed, of a lovely yellow, making a perfect tassel of striking beauty. 35c.

“Thistle” (New).—Almost a counterpart of the above, only the petal being red fringed, gives it the appearance of a beautiful red thistle. 35c.

“Pinwheel.”—A bright yellow Japanese variety, with long narrow petals, beautifully whorled, and very suggestive of a pinwheel in motion; very pretty. 20 cts.

“Stars and Stripes.”—Difficult to describe, but very striking in appearance; the edges of petals a lighter color than the body which is carmine; the under petals twist, which gives it a striped appearance. 35 cts.

One each of the 11 varieties, \$2.50.



NEW FRENCH VARIETIES, 1888.

The following are the very latest new French Chrysanthemums direct from the world-renowned horticulturist, V. Lemoine;

Mad. Veuve Macary (Japanese).—Rosy lilac; white centre; broad petals. 50 cts.

Mavet Postula.—Very large flowers; violet rose, under side of petals white; dwarf. 50 cts.

Charles Delmas (Chinese).—Flowers very double; imbricated; broad petals, rounded at the end; briquet color; shaded fire. 50 cts.

Samuel Morley (Chinese).—Velvety crimson, shaded fire; centre and under side of petals gold; paeony form. 50 cts.

Emile Belloc (Japanese).—Deep violet; underside of petals white. 50 cts.

Eva (Japanese).—Flowers with 4 to 5 rows of long rose petals. 50 cts.

Livadia (Japanese Anemone).—Flowers white; outside petals tubular. 50 cts.

1 each of the 7 new varieties, \$2.00.

Craig's Prize Chrysanthemums of 1888.

Mad. Drexel.—A large Japanese variety, in the style of Mrs. Frank Thomson, but more incurved, and of a bright, lively pink color; of vigorous growth, but more compact habit than Mrs. F. T.; a free bloomer; fine either for cut flowers or as a pot plant. 25 cts.

Mrs. Isaac C. Price (Japanese).—An exceedingly rich chrome yellow; gracefully incurved; free bloomer; good habit; distinct. 50 cts.

Mrs. M. J. Thomas.—White; immense size; very broad florets; incurved; fine as an exhibition plant. 50c.

Mrs. A. Blanc.—An extremely strong and distinct sort; inside florets erect; outside, reflexed and pendulous; color, rich lavender. 50 cts.

Walter W. Coles.—A most singular but striking shade; terra cotta, or brownish-orange color. Very large and distinct. 50 cts.

L. Canning.—A singularly pure white, very clear and chaste; a decided improvement on M. V. Morel; dwarf habit; very free. Splendid for cut blooms or pot plants; one of the best for florists' use. 50 cts.

Elkshorn.—So named from its peculiarly shaped florets; pearl color; full and globular; extra fine. 75c.

Mrs. John N. May.—Beautiful, clear bright yellow; very broad, thick florets, deeply incurved; somewhat flat when fully expanded; large. 50 cts.

Mrs. Anthony Wiegand.—Beautiful rich pink. A decided improvement on “John M. Hughes,” in color and form and habit of growth. 50 cts.

Mrs. C. H. Clarke.—Lemon white; globular form; fine habit and free bloomer. 50 cts.

Mrs. Richard Elliott.—A decided improvement on the well-known variety “Fulton” (yellow); long, narrow florets, somewhat drooping. Splendid for cut flowers, and a fine exhibition plant. 50 cts.

D. E. Stryker.—Bright purple, under side silvery; globular, very large and handsome. 50 cts.

1 each of the 12 above varieties, \$4.50.

“WATERER'S” VARIETIES of 1887 and 1888.

Alfred Warne.—Creamy-white, incurved, of very distinct conical shape, of medium size and remaining a great length of time in flower. 30 cts.

Gold (Japanese).—This is considered a great acquisition, flower large, and as its name denotes, of very pure yellow color; good for all purposes. 50 cts.

Kingless (Japanese).—Is a rosy-pink, enormous double flower of great substance. As it matures the flowers droop; valuable for all purposes. 50 cts.

Lucrece.—Very pure white, very large flat flower; quite distinct from any variety in commerce; a fine showy variety. 50 cts.

Magnet.—An immense drooping flower of reddish-heliotrope color; shows eye when fully expanded, nevertheless a variety which is certain to attract much attention. 50 cts.

Mrs. Anthony Waterer.—A monster variety. A single petal measures 1½ inches across. Flowers of this variety can be cut from November to Christmas, and these flowers have been wholesaling for \$1.00 per dozen; and retailing at 25 cents each. Exceedingly floriferous and indispensable for planting for cut flowers; color white, sometimes a slight shade of bluish, which it loses as flowers develop. 50 cts.

Mont. Blanc.—An enormous white variety when in perfection. This variety has more substance in it than any other variety known; at first it shows an eye, but incurves as it ages; a most remarkable variety. 50c.

Mrs. Joel J. Bailey.—A magnificent incurved flower of enormous size; color white, with a lemon tint in centre of flower. Winner of Sunny Side Prize, Silver Cup; for best seedling in the show, never before exhibited. The judges stated this to be the finest Chrysanthemum on exhibition. 50 cts.

Mrs. Wanamaker.—Probably the most beautiful shaped pearly-pink in cultivation; an exceedingly good variety with large flowers. 30 cts.

Public Ledger.—A beautiful pearl-pink variety of large size and thorough incurved form, so distinct and good that it is greatly admired when mixed with other varieties. 50 cts.

Puritan.—Pearly-white; very distinct, free and good; greatly admired. 30 cts.

Robert Crawford, Jr.—An immense reaching variety; 11 inches; blushed and white. 30 cts.

Robert Craig.—An immense rosy-pink variety of great substance. 30 cts.

Thomas Cartledge.—An enormous orange-yellow variety; much admired and in great demand. 30 cts.

W. M. Singerley.—Dazzling carmine, of fine habit, medium sized flower; very free and certainly much the best of this color. 50 cts.

Stars and Stripes.—A very difficult variety to describe; color carmine, the under petals twist and give to it a striped appearance; flower of medium size. 35c.

Set of 16 for \$5.50. Chrysanthemum seed, see p. 60.

JAPANESE VARIETIES.

The Japanese varieties are, of course, the most variable in form and coloring, and are perhaps the most admired. To describe them is impossible, more than to say they are all irregular in form; some flowers terminating with a flat turban-like centre—others with spiral crown—others in hollow cups. The petals of the flowers are as much varied, being either tubular, curved, plaited, or fringed. The list of varieties we offer has been selected as the most distinct.

Abd-el-Kader.—Rich deep maroon crimson; petals twisted; beautiful and distinct variety; large and fine. 15 cts.

Alicyon.—Flowers very large, broad petals; rosy carmine, striped white; reverse tender rose. 50 cts.

Amy Rosamond.—Beautiful rosy pink color; flowers large and fine. 15 cts.

Annie Atkins.—An exact counterpart of *Ben d'Or* as regards shape, forming ribbon-like balls of deep rose; shaded purple, lasting a long time. 15 cts.

Baron de Praille.—Extra large flower; flowers of white, striped with lilac. 15 cts.

Ben d'Or.—Pure golden-yellow, centre of petals broad; as the flowers mature the petals wrap over, forming handsome ribbon-like balls. 15 cts.

Belle Alliance.—Very large; deep red, bronze and gold, twisted petals. 15 cts.

Belle Paule.—Very large; centre of each petal purest white; distinctly edged with rose. 15 cts.

Bouquet Fait.—A most beautiful variety, with delicate rosy lilac flowers of immense size. The flowers are shaded silvery rose; early. 15 cts.

Bras Rogne.—Velvety crimson-maroon, with reverse of petals deep bronze. 15 cts.

Carew Underwood.—Bronzy-amber, shaded rosy-crimson; sport from Baron de Praille, with all good qualities; 2 first-class certificates. 50 cts.

Cloth of Gold.—Clear yellow edges, finely striped with red. 20 cts.

Claire Robertson.—Flowers large, petals long and twisted; when first opening it is mauve, turning to white; quite late. 15 cts.

Charlotte de Montcabrier.—Silvery-white, with silvery-rose centre; long petals, tufted. 15 cts.

Chionoisier.—Very beautiful variety of red and bronze, narrow petals. 15 cts.

Christmas Eve.—Magnificent white; each petal curves and twists, the whole forming a ball of peculiar appearance. 15 cts.

Citron.—A large, bright yellow Japanese, very double; extra. 25 cts.

Commandant Riviere.—A remarkable kind, with immense flowers; deep brown crimson, with bronze gold centres. 15 cts.

Comte de Germiny.—Among all the Japanese varieties this is one of the most conspicuous; very large flowers and remarkably broad petals of a rich orange brown; reverse of petals silvery bronze. 15 cts.

Claude Billiard.—Flowers large and ball-shaped; violet-rose, lightened with white; novel color; beautiful. 50 cts.

Japanese Varieties.—Continued.

Dragon Head.—Edges of curious formation; long, pale, pink tubular petals, the extremities of each being oddly notched in the shape. 20 cts.

D. B. Chapman.—Fine deep lilac; long, narrow florets; very large flowers; first-class certificate. 50c.

Dominion.—A grand variety; flowers creamy white, large and fine; early and very handsome. 20c.

Etincelle (a spark).—(Red, shaded maroon, pointed golden yellow; flowers very large; a beautiful variety, much esteemed. 20 cts.

Edouard Andigier.—One of the finest of recent introduction; of enormous size; in color a rich velvety purple-violet, with a silvery reverse; a shade scarcely to be found in this family. 35 cts.

Elizabeth Bliss.—Amaranth-shaded violet, large reflexed; a grand flower. 25 cts.

Edwin Booth.—Lemon-yellow petals, incurved toward the centre; distinct and fine. 15 cts.

Enchantresse.—Rose, shaded with violet; reverse of petals white. 15 cts.

Eugene Mezard.—Amaranth; reverse of petals violet-white, forming a ball at the centre; very fine. 20c.

E. S. Renwick.—Silvery blush, reflexed; of large size and fine. 25 cts.

F. L. Harris.—Bright crimson red—a new and fine color; distinct and good. 15 cts.

Fair Maid of Guernsey.—Flowers very large, of the snowiest white, in clusters; one of the best. 15 cts.

F. T. McFadden.—A reflexed Japanese with immense flowers, having broad, flat petals; the color is a rich mauve purple—an entirely new shade, and most desirable; will be a fine variety for specimens. 15 cts.

Fleur Parfaite.—Rose-tinted lilac; flowers large and early. 15 cts.

Frizou.—Pure golden-yellow; large flowers, with centre petals whorled. 15 cts.

Gloriosum.—Very light lemon, with immense flowers, having narrow petals most gracefully curved and twisted; well merits its name, and is one of the most attractive varieties we have ever grown. 15 cts.

Golden Rayonnante.—A charming yellow variety of most beautiful color; flowers large, borne in large clusters; quite early. 15 cts.

Golden Queen.—Fine deep yellow, large and late; a great bloomer. 15 cts.

Golden Dragon.—Yellow, with long twisted petals; one of the richest and finest colors. 15 cts.

Gorgeous.—Golden yellow; a magnificent variety, early and distinct. 15 cts.

Grandiflorum.—A magnificent variety; flowers of immense size, often 6 inches in diameter; petals very broad, incurving, so as to form a solid ball of the purest golden yellow; one of the very finest, no collection complete without it. 20 cts.

George A. Backus.—Ribbon-like petals, royal scarlet, back of petal silvery-rose; fine. 20 cts.

George Maclure.—9 inches in diameter; purple-shaded amaranth; outer petals tubular, inner ones broad, flat and incurved; promises to be the largest of its class; awarded 3 certificates. 30 cts.

G. F. Moseman.—An improved bi-color, being a brighter color; bright crimson, tipped with golden-yellow. This has proved to be one of the finest of all the new Chrysanthemums. 25 cts.

Gertrude Henderson.—Lemon-yellow, with flat fringed petals; lasts a long time. 15 cts.

Grover Cleveland.—New; flowers large, old gold and bronze; very fine for exhibition purposes. 15 cts.

Governor of Guernsey.—January-flowering. We have in this an invaluable new January-flowering variety. This is sure to take a leading position as the very best yellow for late cutting; of good strong habit, without being tall or unwieldy, having strong, stout, wiry stems, the flowers standing upright on them; in color a rich golden-yellow; in form partaking of the style of the Japanese. First-class certificate Royal Horticultural Society, also National Chrysanthemum Show. 75 cts.

Hiver Fleuri.—Flowers large, much fringed and of good size; early and free; creamy white and blush. 15c.

Isle Japonaise.—Flowers large and double; color rosy white; reverse of petals of golden yellow. 15 cts.

Incomparable.—Rich chrome yellow and old gold, mottled with bronze; a fine early variety. 15 cts.

Jessica.—Snowy white, with yellow centre; very large flowers. 15 cts.

Jennie Y. Murkland.—Most distinct; very large, having a flat surface from which project long tubular petals, rich golden yellow, shade apricot and rose; a superb variety. 15 cts.

John Welch.—Dark crimson maroon. 15 cts.

John Thorpe.—8½ inches in diameter; long, broad, petals, except under row, which contains a few tubular ones; color richest deep lake, a new shade in Chrysanthemums. Very early. 20 cts.

John H. Bradbury.—Deep crimson, tipped yellow; reflexed flowers, in style like Duchess. 15 cts.

John M. Hughes.—A awarded first prize and extra silver medal by Pennsylvania Horticultural Society, 1886. In color a beautiful silvery-pink. 20 cts.

Junno.—Large, reflexed, showing centre; dull red. 20c.

Jonquill.—Flower a pure yellow, opening flat, and turning to a perfect twisted ball. 15 cts.

Lady Lawrence.—Fine pure white; very broad petals, of grand substance; extra large flower; 2 first-class certificates. 50 cts.

La Triomphante de Chatillons.—Long, graceful petals of a beautiful smoky-pearl color; outside petals sometimes a lovely shade of pinkish pearl. 50 cts.

La Triomphante.—Pale lilac; reflex of centre petals cream; very large and fine. 15 cts.

Lady Selborne.—A very large pure white variety of the greatest merit and quite early in flowering; remarkable for its flaky and snowy-like whiteness. 15c.

Laciniata Rosea.—Tender rose color, pointed gold; resembling very much the old Laciniata in effect. 15c.

Lizzie Gamon.—Reflex flowers, medium size; each flower is straight, but folded backward at the edges; color orange-yellow. 25 cts.

L'Ebonisee.—Deep mastie yellow, petals reflexed; a very beautiful color. 15 cts.

Lorraine.—Resembles Ben d'Or in shape, but of brighter color; the flowers are borne on long, stiff stems; very full and fine. 20 cts.

La Nympe.—Delicate peach color, shaded white. 15c.

Lord Byron.—A magnificent large variety; very distinct orange, tipped with red. 15 cts.

Lucifer.—Rich, bright red, with many golden petals among its numerous flowers; good. 15 cents.

Louis Barthere.—Very brightest crimson red, with under petals of old gold; flowers flat and very free; one of the finest of this much desired color. 15 cts.

M. Planchenau.—Mauve, shaded rose and silver; flowers large; free and early. 15 cts.

M. A. Vilmorin.—Medium size flower; full centre of beautifully whorled petals; reflexed petals of crimson and old gold, distinctly marked with crimson beautifully twisted and undulating; very late. 35 cts.

M. D. D. Hillier.—Deep crimson, reverse of petals yellow; large flowers. 15 cts.

M. H. Elliot.—Salmon, with yellow centre; petals long and twisted. 15 cts.

M. Weckfils.—Crimson, shaded salmon, bordered with yellow; large. 15 cts.

M. E. Nichols.—Salmon-yellow; of medium size and in bouquets of 4 or 5 flowers. 15 cts.

M. Norman Davis.—Deep rose-carmine, shaded lilac; large flowers; one of the best. 20 cts.

M. Freeman.—A grand flower; silvery rose, shaded violet; very handsome. 15 cts.

M. Ghys.—A very effective, much-frizzed flower of satin pink, pointed with yellow; fine variety. 15 cts.

M. John Laing.—Richest crimson; of the largest size and very distinct and fine. 15 cts.

M. Boyer.—Beautiful pink. 15 cts.

Mad. C. Audiguer.—Flowers of the largest size; of the purest rosy pink; a gem. 15 cts.

Mad. De Sevin.—Rosy amaranth, shaded with silver; of a pleasing color; flowers large and fine. 15c.

M'd'le M. Fabre.—Silvery pink, with white shadings; very large and finely shaped; beautiful. 15 cts.

Mad. Lacroix.—Flowers of a light rose, changing into pure white; this is a superb variety. 15 cts.

Mary Salter.—A beautiful feathery flower of creamy white; large and fine. 15 cts.

Martha Harding.—Yellow, shaded brown large; and full. 15 cts.

Merrimac.—Flowers very large, of pure white, resembling Lady Selborne; early and good. 20 cts.

Massasoit.—Large flat flowers of a dark pink, changing to lighter; very fine. 15 cts.

Medallion.—Magnificent color of bronze and gold; an excellent variety. 25 cts.

Moon Flower.—Similar to, but a great improvement on Moonlight. 25 cts.

Minnie Miller.—Dark rose; very free flowering; this may be described as the best rose-colored. 15 cts.

Moonlight.—Immense flowers of pure white; a white Temple of Solomon. 15 cts.

Mr. H. Cannell.—Rich golden-yellow; a good improvement on Grandiflorum. 2 first-class certificates. 75 cts.

Mr. T. Norris.—Rich velvety amaranth; a reflexed flower of most brilliant color; golden center. 15 cts.

Mr. W. Barr.—Entirely distinct; base of petals the brightest crimson, partly tubular, with points of pure yellow; early, lasting a long time. 15 cts.

Mrs. Cleveland.—A pure white variety with long tubular petals; flowers very large. Like President Cleveland, it will be a general favorite. Awarded certificate of merit at the New York show, where it caused great admiration. 15 cts.

Mrs. Cannell.—Grandest novelty of last year's introduction; immense flowers of the purest white; petals very broad and of great substance; grand flower. 75c.

Mrs. H. J. Jones.—Vigorous habit, without being coarse or scraggy; is one of the few varieties that can be planted for the summer and lifted when in bud during the middle of October. The flowers are produced in trusses of from 3 to 5, large; in color a pale gold or deep canary; certificates Royal Horticultural and National Chrysanthemum Show. \$1.00.

Mrs. H. Coolidge.—An early variety of the brightest golden yellow of large size and fine; an early Sadie Martinot. 30 cts.

Mrs. J. N. Gerard.—A beautiful, large silvery pink variety, opening cup; shaped and incurving with age; the finest pink yet introduced. 35 cts.

Mrs. T. H. Spaulding.—Eight and a half inches in diameter, petals very broad and long, twisting and bending towards the centre; purest snow white. Awarded two certificates. 35 cts.

Mrs. Townsend.—Medium size Japanese cup-shaped; large number of centre petals, clear gold bordered with outside petals of bronze. 25 cts.

Mrs. C. H. Wheeler.—Flowers are of the largest size, and of such heavy substance that they look as if stamped out of leather. Color is bright crimson on the upper side of petals, while the under side is clear old gold, thus forming a most beautiful contrast. 20c.

Mrs. Frank Thomson.—Large incurved Japanese, with broad petals, lined and mottled deep pink, with silvery back; very distinct. 20 cts.

Mrs. John Thorpe.—Brilliant crimson; very decided in coloring; petals tubular for half their length, disposed in a very marked whorled shape. 15 cts.

Mrs. R. Brett.—A distinct variety, differing from all other varieties in its peculiar plume-like flowers and rich coloring of pure gold; a gem. 15 cts.

Mrs. E. G. Gilmore.—Silvery-pink petals; very large, partially quilled, and incurved to the centre. This will make a very fine exhibition variety. 15 cts.

Mrs. C. Carey.—A magnificent variety, with very large, broad petals of pearly white, much curved and twisted. On first opening, the flowers show a disc, but afterwards the petals incurve and form a nearly perfect ball in shape; fine, bold foliage. 15 cts.

Mrs. Vanaman.—Cherry red; very large and perfectly distinct. 20 cts.

Mrs. William Mencke.—Brightest yellow, with slender petals of peculiar shape; late. 15 cts.

Mrs. Langtry.—An enormous incurved Japanese, flowers one foot across, outer petals long and quilled, inside ones flat and beautifully incurved; color pure white; charming. 15 cts.

Nathan E. Reist.—Flower snow-white, of enormous size, broad petals and golden yellow centre; good for cut flowers, as it is fluffy in appearance and very pure in color. 25 cts.

Newport.—The largest and best of its class; clear rose pink, opening flat and forming with age; ribbon like balls of largest size; a splendid variety; first-class certificate. 30 cts.

Nelly Bly.—Brilliant yellow, large flowers, which are plumed and tasseled; a fine variety. 15 cts.

Nuit d'Automne.—Richest crimson amaranth, beautiful color; largest size. 15 cts.

Nevada.—Flowers flat, pure white, showing small disc; early and good. 15 cts.

October Beauty.—One of the earliest varieties, flowering by October 1st; medium size, good substance, lasting color, at first dull pink changing to white. 25c.

Pelican.—The finest chrysanthemum of recent introduction, pure white-shaded cream petals, irregular, flat, half tubular. 75 cts.

Phœbus.—This is without any exception one of the finest yellow Chrysanthemums ever grown. The flowers are large and handsome; too much cannot be said of this fine variety. 25 cts.

President Garfield.—Brightest carmine; large flowers and very distinct. 15 cts.

President Arthur.—Immense rose flower, opening in whorls; was exhibited measuring 7 in. across. 15c.

Prince Kamoutska.—Very large, incurved; of the *Comte de Germiny* type; inside of the petals a deep crimson, outer petals deep bronze; very free and fine. (Awarded a Certificate of Merit by the New York Horticultural Society.) It is the finest Chrysanthemum of its type this season. 50 cts.

Purple King.—Deep purple; rather late, but quite distinct in color. 15 cts.

Peter the Great.—A most showy bright lemon-yellow variety; beautiful foliage and fine habit. 15 cts.

Pietro Diaz.—Brilliant red, fine habit, large flowered; magnificent variety. 15 cts.

Ralph Broklebank.—A beautiful bright primrose yellow sport from that grand leading exhibition variety Meg Merrilies; has been awarded eight first-class certificates. \$1.00.

Rob Roy.—Orange, turning to gold; yellow centre and globular form. 30 cts.

Robert Bottomly.—Pure white; large flowered, very fine. 15 cts.

Rose Lace.—Flowers medium size, each petal toothed; color, dark rose; very pretty. 15 cts.

Roseum Pictum.—Very large; deep rose with silvery reflex; fine habit; distinct. 15 cts.

Snowdrift.—Reflexed white flat petals, fimbriated; medium size; robust habit. 25 cts.

Sokoto.—The exact counterpart of above in size and shape, but of the clearest canary yellow. 25 cts.

Souv. d'Angele Amiel.—Petals plaited, turning to tubular; white, passing to carmine. 15 cts.

Source d'Or (Golden Stream).—Golden twisted florets, tipped yellowish-brown; large flowers. 15 cts.

Syringa.—Lilac; of immense size, centre petal increasing, outer petals very irregular. 15 cts.

Thumberg.—Flowers very large, petals long and much incurved; a pure primrose shade of yellow. 15c.

Theodora.—Rosy salmon with pale centre. 25 cts.

Troubadour.—Rosy pink; of fine form and has large flowers. 25 cts.

T. F. Martin.—Bronze, changing to yellow; petals long and partially twisted; good. 20 cts.

Valle d'Andore.—Maroon yellow shaded, petals twisted. 20 cts.

Winonah.—This was shown as Blushing Beauty, and indeed is a beauty. The base of the petals is a pure white, laced with deep lavender pink; flowers of the largest size, full and double. 15 cts.

White Dragon.—Pure white; similar in other respects to Golden Dragon. 15 cts.

W. M. Singerly (Pyfer).—A beautiful shade of lilac. Flowers large. Plant strong grower and good bloomer. It promises to be very popular. 20 cts.

All Varieties Priced at 15 cents will be \$1.50 per dozen, Purchaser's Selection. Our Selection, all different varieties, \$1.00 per dozen.

CHINESE VARIETIES.

The class is represented by two entirely different forms: the INCURVED, or those with the petals merging to a conical or globe-shaped whorl, in which, as a rule, the back of the petals only are seen; and the REFLEXED, where the petals overlap each other in their flat disposition, and have only their faces exposed.

Alonquin.—Medium-size flowers of bright yellow; quite early. 15 cts.

Ada Bates.—Large incurved French white. 50 cts.

Annie Salter.—Golden-yellow; fine for pots; early. 15 cts.

Alfred Salter.—Deep rose-pink; large, and finely incurved. 15 cts.

Bendigo.—Canary-yellow; incurved; fine. 15 cts.

Bouquet Blanche.—Pure white; intermediate late. 15 cts.

Bruce Findlay.—Rich lemon-yellow; a sport from Emily Dale. 15 cts.

Baron Beust.—Red-chestnut, tipped with gold; finely incurved. 15 cts.

Brazen Shield.—Remarkable variety, intermediate between an incurved and reflexed Chinese; large flower of regular outline and globular shape. The color is entirely distinct, being a rich brassy bronze, shaded with metallic purple; bushy and strong. 15c.

Cambridge.—Perfectly incurved; rich amber. 15c.

Cullingfordii.—Rich crimson, shaded scarlet; the flowers are very large, and reflexed; fine and distinct. This is one of the finest scarlet Chrysanthemums in existence. 15 cts.

Chevalier Damage.—Bright gold, of the lightest color; very free and fine. 15 cts.

Christine.—Rosy-pink; large flower, tips of petals straw shade. 15 cts.

Diana.—Pure white, large and full, incurved. 20 cts.

Duchess of Connaught.—One of the most beautiful of all; very rich silvery blush; of great size, globular. 15 cts.

Dosoris.—Petals partly tubular; medium-size flower, in color a bright yellow; very showy. 20 cts.

Etoile Fleurii.—Fine flower, red and bronze, turning to yellow with age. 15 cts.

Empress of India.—Immense flowers; pure ivory-white; incurved. 15 cts.

Fingal.—Violet-purple; broad petals, flowers quite globular; incurved; fine. 15 cts.

Frank Wilcox.—Erect-petaled flowers, slightly toothed; above medium size; rich golden amber, slightly shaded deep bronze; lasts for a month. 15c.

F. J. Smith.—Flowers large and reflexed, old gold and bronze; fine for exhibition purposes. 25 cts.

Genghis Khan.—Bright yellow flowers, of perfect form, petals assuming a semi-tubular form. 25 cts.

George Glenny.—Beautiful lemon-white; very fine habit, and one of the best; incurved. 15 cts.

Golden Empress.—Primrose-yellow; fine show flower; incurved. 15 cts.

Chinese Varieties—Continued.

Golden John Salter.—Golden-yellow, changing to amber; incurved. 15 cts.
Golden Queen of England.—Very large, rich lemon-yellow; one of the best; incurved. 15 cts.
H. A. Gane.—Clear rose-pink; large, full flowers; fine. 25 cts.
Jeanie d'Arc.—White, tipped rosy-lilac; a superb flower; finely incurved. 15 cts.
J. T. Lovett.—See Bric-a-Brac Collection.
King of Crimson.—A good-sized flower of the most intense rich crimson, and of fine globular shape; this is an entirely new shade. 15 cts.
Lady Slade.—Soft pink, with lilac shade; most beautiful shape; incurved. 15 cts.
Lady St. Clair.—One of the most beautiful of all white Chrysanthemums; incurved. 15 cts.
Lord Derby.—Dark purple; finely incurved; distinct. 15 cts.
Lord Wolseley.—A grand variety; rich, deep bronzy-red, shaded purple; one of the very finest. 15c.
L'Introuvable.—Long twisted petals, of a dark purple color; points of petals white. 15 cts.
Mabel Ward.—Lemon-yellow, shaded silvery-pink on back of petals; flowers very large and globular; a truly beautiful variety. 15 cts.
Mons. Roux.—Red-chestnut; like Baron Beust, only larger; incurved. 20 cts.
M. V. Morel.—A grand acquisition; creamy-white; full, high centre; very large, and one of the very best. 15 cts.
Mrs. George Rundle.—One of the most beautiful white Chrysanthemums in cultivation; incurved; a popular sort. 15 cts.
Mrs. Mary Morgan.—Rich, deep pink; perfect shape; incurved. 15 cts.
Mrs. Littlejohn.—Richest golden-yellow, some flowers being marked with bright red; of medium size, prolific in bloom, and very effective. 20 cts.
Mrs. John Crossfield.—Pearl-white; flowers very large and free. 15 cts.
Mr. Gladstone.—Deep chestnut-red; incurved; fine shape. 15 cts.
Mr. Corbay.—A magnificent incurved, deep amaranth-colored variety; sport from Prince of Wales. 15 cts.
Mrs. N. Hallock.—We merely repeat the description given to it by the committee of the New York Horticultural Society: A flower over 3 inches in diameter, pure white, nearly globular in form, each petal deeply serrated, giving to the flower a very elegant outline. Very late sort. 15 cts.
M. Brunles.—Indian-red, tipped with gold; incurved. 15 cts.
Miss Emma Jacquith.—Large incurved deep crimson petals, slightly tipped with gold; grows to an immense size. 30 cts.
Mrs. George Bullock.—Pearly white, flowers very large and flat; very fine for exhibition purposes. 20c.
Mary.—Violet pink, shading down to white; flowers very double. 15 cts.
Maud.—Very bright pink flowers of medium size; flowers in clusters; very good for cut flowers. 15 cts.
Mons. Yoon.—Flowers large and flat; white, centre light rose, edged violet. 30 cts.
Mrs. Weston.—Very large, incurved Chinese, pure white; a sport from White Venus. 15 cts.
Mrs. J. H. Taylor.—Clear rose and pink; outside petals very broad and flat, with high centre of same shade; first-class certificate. 50 cts.
Nahanton.—Large incurved, deep crimson, petals slightly tipped with gold; grows to an immense size. 25 cts.
Osiris.—Rose, shaded lilac; globular shape. 15 cts.
President Hyde.—Large, full double reflex twisted outer florets; color, rich yellow; fine habit and free-flowering. 50 cts.
Prince Alfred.—Rose crimson, shaded silvery purple; incurved; very fine. 15 cts.
Princess of Wales.—Pearl white, tinted lilac; perfectly incurved; very fine. 15 cts.
Prince of Wales.—Rich violet-plum; globular shape. 15 cts.
Queen of England.—Very large; fine blush; partially incurved. 15 cts.
Refulgens.—Rich purple maroon; one of the best of its color; this is the true variety. 25 cts.
Snow Fairy.—Pure white, excellent for cut flower purposes. 50 cts.
Salterii.—Brilliant red, reflexed; neat and very beautiful flowers, having many petals; deep golden yellow. 15 cts.
Sir B. Seymour.—Deep bronzy red on upper petals, finely incurved; light rosy shade on the outside. 15c.
Socur Melanie.—Flowers small, reflexed, of the snowiest white. 15 cts.
St. Patrick.—Bronzy red, large, incurved; distinct. 15 cts.
Talfourd Salter.—Rich, deep crimson, of large size, forming dense heads of flowers; pointed with yellow. 20 cts.
Tragedie.—Rather small, of a new shade of color—rose, pink, and blush; a neat and pretty flower. 15c.
Venus.—Lilac-peach; large and beautiful; incurved. 15 cts.
White Globe.—Very large flowers of the snowiest white; one of the most beautiful; requires to be well grown; incurved. 15 cts.
W. K. Woodcock.—Incurved, and most perfect in shape; Rich amaranth. 15 cts.

Amy Furze.—(Reflexe a fine large flower of extra
Anna M. Payne.—Carl twisted; centre spiral for
Capt. Oudine.—Large (pointed with light yellow
Charles Halle.—(R bright pink variety, with 50 cts.
Chas. Gibson.—(In bronze sport from Mrs. I well-formed petals, of good
Dr. Jongla.—Flowers pointed white; reverse of
Delle.—Very large flow low. 50 cts.
Duke of Berwick.—P veined. 50 cts.
Eleonore Bares.—Ros very beautiful and early
Exposition de Tr pointed petals; silvery-li
Glady's Spaulding.— similar to Thorpe, Jr., ex variety. 40 cts.
Grand Mogul.—Eno ranth, lined with white;
Jeanne Dauriac.—Pet den yellow. 50 cts.
Ka Yeu.—Long petals spiral; tubes rose centre.
La Favorite.—Petals c petals incurved; very da
Lambeth.—Flowers la centre, very dwarf and e
Leopard.—See Bric-a-E
Le Tonkin.—Centre w side; flowers large, prod
Le Dauphinois.—Flow fading with age. 50 cts.
Lili Baltet.—Flowers; brightened with rose; c cream. 50 cts.
Lieutenant Palat.— base of petals dark orar low. 50 cts.
Lord Eversley.—A pu Teck; the petal is smoo form than that variety, ; it as a cutting flower for
Mad. Amelia Baltet. petals rolled and twisted
M. Albert de Lean.—Fl irregular; second crow centrals quilled straw. 4
M. Delomay.—Bright
M. Ernest Constant.— recurved petals; salmon of seven to eight. 50 cts.
Mrs. Burrell.—Flower rose yellow; grand for c
Mrs. Wm. Falconer. early and good. 25 cts.
Mons. Chatain.—Petals on, dark carmine pointed with white; centre yellow; beautiful. 40 cts.
Mont. Ida.—Golden yellow, streaked with carmine toward the centre. 40 cts.
Mons. Chas. Baltet.—Dark carmine with yellow back. 50 cts.
Mr. O. F. Hodges.—Petals twisted; pure white, veined violet. 40 cts.
Montplaisant.—Petals incurved; reddish crimson at the base; ends of petals golden yellow. 40 cts.
Quadricolor.—Bright rose, centre cream, streaked with violet and yellow. 40 cts.
R. Abbott.—Petals tubular at their base; pure white. 40 cts.
Secretary Barrotte.—Indian red, with yellow back; petals twisted. 50 cts.
Superbe Flori.—Flowers globular; petals twisted, rosy carmine; centre brighter, back white; early and fine. 40 cts.
Tensia.—Flowers medium, blooming in bouquets; pure white with large canary centre. 40 cts.
William Holmes.—Early flowering; chestnut crimson, tipped with gold; a reflexed flower of medium size; flowers in October; good for early cutting. 20c.
Wm. Stevens (Incurved).—Bright orange red, reverse golden yellow; a grand exhibition variety; two first-class certificates. 40 cts.

POMPON VARIETIES.

These also have numerous admirers, many seeing in their prim, chaste, and handsome flowers as much beauty as in those of larger growth. They are the toys among Chrysanthemums.
Anal.—Rich buff and cream; much fringed; beautiful. 15 cts.
Black Douglass.—Large, brilliant crimson flowers, promising to surpass the good old Bob. 15 cts.
Bob.—Dark brown-crimson, fine color; great favorite. 15 cts.
Capt. Nemo.—Rich plum-purple; medium size; early; free and fine. 15 cts.
Francois Debeigne.—Flowers very large, with imbricated petals; centre rose, dotted purple, resembling the Victoria Asters. 15 cts.
Golden Mil'e Marthe.—Flowers of the richest and brightest gold color; of perfect shape and fine habit. 15 cts.
La Desiree.—Purest white; a gem among Pompons. 15 cts.
Lillicee.—Soft lilac and glaucy white. 25 cts.
M'd'ile Elise Dordan.—Small flowers; light blush, turning to white; very pretty. 25 cts.
Model of Perfection.—Rich lilac, edged pure white. 15 cts.
Mlle Marthe.—Pure white flowers of the most perfect shape; like miniature Dahlias; in large clusters. 15 cts.
Orange Quill.—Orange and deep gold. 15 cts.
Pequot.—Sometimes called the Summer Flowering Chrysanthemum. Perfectly hardy; winter never kills it. Flowers intensely double, of a lovely blush white, and the size of a silver dollar. A small plant from a 3-inch pot will produce from 600 to 1000 flowers the second season in the open ground. This variety will begin to bloom in August, and you will never be

with pure white finely formed flowers, strong and bushy, clothed with deep green leaves; a counterpart of M. Astie, except in color. 25 cts.

SINGLE VARIETIES.

With Single and Simi-Double Flowers and Rich Golden Discs.

We ought to call these American varieties, as we are the actual originators of them. For beauty, effectiveness, and characteristic expression they have no equals. They are exceedingly handsome. The flowers vary in size from 1½ to 6 and 7 inches in diameter; some are as smooth and regular in outline as the field daisy, while others are curled and twisted as are the separate parts of an ostrich feather, but in all cases the golden disc centres are exposed. They are prolific beyond measure, and produce the most distinct effect.
Crimson and Gold.—Brightest fiery crimson, with ring of yellow. Of the largest size and regular form. 15 cts.
Dr. S. H. Metzger.—Received first premium as a seedling at the Philadelphia Chrysanthemum show November 8th, 1887. It is the largest and best variety of yellow Chrysanthemum, either for exhibition or cut flowers. The flower is seven inches in diameter, golden yellow, the reverse of petals streaked with brown. The habit of the plant is wonderful, with large dark green foliage, and dwarf, thickly covered with those enormous sunflowers. 50 cts.
Hamlet.—Brilliant crimson; a very bright flower. 15 cts.
Judge Rea.—Received a Certificate of Merit as a seedling at the Philadelphia Chrysanthemum show, November 8, 1887. It is a delicate shade of pink. The flowers are 7½ inches in diameter. A profuse bloomer. One of its best features is its earliness. It opens outdoor about the middle of October. For amateurs, it is the best variety in existence. 40 cts.
Juliet.—Pure white, much resembling a fine daisy. 15 cts.
Le Cygne.—Creamy white; flowers very large, with tube-shaped petals. Very fine. 30 cts.
Mrs. Gubbins.—Large, snow-white, much twisted large yellow disc; fine habit, very handsome. 15 cts.
Pagoda.—Single, magnificent shade of yellow, broad flat petals; very fine flower. 15 cts.
Sadie Martinot.—Of the largest size; gold, opening at first smoothly, then for immense balls, quite large; in perfection. 15 cts.
The Virgin.—A superb variety. of purity; petals very broad, and of fine line; disc rich yellow; the flower strongly scented. It is a late perfection the middle of December.
W. Falconer.—Flowers of the brilliant soft red of Silene; petals twisted like arrangement; a fine variety.
Zephyr.—A most with roundly twisted cream color; curly like surfaces; d

UNCLASSIFIED NEW CHRYSANTHEMUMS.

Many New English and French Varieties are included in this List.

This list is not classified under the heading of Japanese or Chinese varieties, but includes many of the new and finest varieties, which have not been classed. As it is in many cases very difficult to say which type they resemble most.
Alexandre Canton.—Golden yellow, striated brownish-red; reverse of petals golden-yellow; flowers very large. 50 cts.
Albert Deleaux.—Very large flowers; petals large, incurved, silvery-white; reverse tender rose. 50 cts.
Alphonse Karr.—Flowers, cupped petals half their length, tubular-shaped; color white. 50 cts.

All varieties priced at 15 cents will be \$1.50 per dozen, purchaser's selection. Our selection, all differ

B. CRIMSON-VEINED BRAZILIAN.—The colors of the Brazilian are positive and distinct, rivaling the Achyranthus. Packet 10 cents.
B. GOLDEN-VEINED BRAZILIAN.—A variety with golden yellow markings. Packet 10 cents.
B. SCARLET-VEINED BRAZILIAN.—Deep crimson, with scarlet markings; very distinct and showy. Packet 10 cents.
"DELL'S."—Black lustrous leaves, remarkably striking and handsome. Pkt. 10c.
"NE PLUS ULTRA."—Very deep crimson; foliage elegant. Packet 10 cents.
DRAECENA-LEAVED.—It is dark, rich and glossy, resembling, but much more handsome, than a draecena. For clumps or edgings they are invaluable. The roots of this variety are large and of fine quality for table use. Pkt. 15 cts.
 One packet each of the 10 varieties, 75 cents.

"HALLOCK'S FROST-PROOF COLLECTION OF PLANTS."—We recommend for rich autumnal effect planting, first "Tritoma's," next "Montbretia Crocosmiflora," "Foliage Beets," "Polygonum Amplexicaule, var. Oxyphyllum," "East Indian Mountain Fleece," "Anemone Honorine Jobert," all blooming and flourishing late, resisting frost perfectly long after other plants are frost-killed, black and unsightly, and are, as we term them "frost-proof." By mail, 1 each of these 4 plants and 4 pkts. of best Foliage Beet seed, for 75c. By express, 12 each of these 4 varieties of plants and 12 pkts. of best Foliage Beet seed, for \$5.00.

CELESTIAL PEPPER.

A gentleman from New York visiting our place when a long row of these were a blaze of glory, said he thought they were the handsomest plant he had ever seen. They have a sharp, lively taste, and are superior to most varieties for domestic uses. The size and shape makes them extremely available. The plant grows about two feet high, in a beautiful pyramidal form, foliage a rich, glossy dark green. The fruit is borne in the



CELESTIAL PEPPER.

The coloring is strikingly beautiful, and like the rich autumn sun-set, that deepens towards the close of day. It ripens and deepens in color as the season advances, first the lower fruit takes on a tinge of scarlet at the base, then creeping upwards until the whole lower fruit is a vivid scarlet, working its way upward. The transformation is complete. First the blossom, then the green fruit gradually expanding to full size, beginning to change first at the base from green to creamy yellow, then beginning with the scarlet tinge, it is re-enacted again. Beginning at the bottom, as it does, this change is a gradual and beautiful transformation, chasing color after color, until at the close of the autumnal days we find it deepened to a vivid scarlet. With the fruit peeping through the rich foliage, we have a plant of remarkable beauty. It combines the useful with the beautiful to such an extent, we can scarcely say in which place it is the more valuable. Plant it for both its beauty and use. Packet 10 cents, 3 for 25 cents.

FOLIAGE BEETS.

black. Start the seed early in pots, boxes, or hotbeds, and you will have an elegant display early and until Nov. 20.



VARIEGATED CHILEAN MAMMOTH.

liancy and effect. They are also equally as effective planted in the centre of lower growing plants. As a background or centre of a Begonia bed they are most beautiful. Victor Hugo said, "the beautiful was as useful as the useful, perhaps more so." In this case there is a rare combination of both—a delicious vegetable and a highly ornamental plant in the same subject.

VARIEGATED CHILEAN MAMMOTH FOLIAGE.—A most effective foliage plant, its leaves producing a wealth of tropical beauty, not attained in any other flower, surpassing the Coleus in its infinite and impressive coloring, excelling the Canna and Caladium in its massive grandeur. Its metallic, lustrous and shining leaves equal any of the most expensive exotics and conservatory plants.

This variety is a native of Chili, from the foot of the Andes. Its leaves are three feet in length and one foot in width, having a glistening, varnish-like surface not equaled in any other ornamental plant, while the intense scarlet surrounding each side with the most exquisite shading and variegation of the coloring and shading seem as if floated on and then reflected in the most lovely silver sheen. This plant should be in every garden or conservatory in pots. It is used as the most effective decorative plants in the most elaborate ball room decorations in New York City. If a line is required as a ribbon or border, the best plan is to sow there, and to thin out the plants at intervals. For ease of culture and startling effect, they are not surpassed by any other plant. Packet 10 cents, 6 varieties, all marked differently, 50 cents, by mail.

METALLICA, VICTORIA.—An exceedingly ornamental foliage plant with deep blood-red leaves. Packet 10 cents.

CHILIAN.—A strong-growing variety, the leaves being by one foot wide, the mid-rib being bright scarlet. One of the most remarkable decorative foliage plants.

LIAN.—Similar to the above, but richly variegated. Packet 10 cents.

VEGETABLE PEACH

(Mango Melon, Vine Peach).

The fruit is about the size of a large peach or orange, oval-shaped and of a bright orange-yellow color, somewhat russeted outside, flesh is snow-white. When it first ripens it is quite hard and has very little flavor; but soon they become mellow and sweet, and have a rich flavor. When ripe the fruit falls from the vine, the flesh is very firm, with a small cavity in the centre, and when peeled and the seeds taken out they much resemble peaches. For sweet pickles, pies, or preserving, they are superb. A few pieces of sliced lemon, or a little lemon essence, add to their flavor and is usually desirable. Fried, as egg-plant, when green they are delicious, and for "Mangoes," they are so perfectly adapted we know of nothing better. They will keep in good condition two months after being picked from the vines. Very productive, early, and hardy,—have ripened their fruit in Canada—planted in June. In the west and northwest, where fruit is scarce, we feel certain that they will quickly become popular, as they are easily cultivated, wonderfully prolific, and can be used in every way in which you would use a peach, except that they are not usually liked raw, although some consider them excellent simply sliced with a little sugar on. Many of the customers to whom we sold them last season expect to cultivate a large area in them this year, and market gardeners are already having considerable call for them from their customers. Try them, and we know you will be well pleased. Marshall Wright, of Marshalltown, Iowa, writes: "I would say those seeds I purchased of you were very good. The Vine Peaches are a curiosity here, and they make the nicest sauce I ever saw." Packet 10 cents, ounce 40 cents.

RECIPTS FOR COOKING VINE PEACH.—For Sweet Pickles.—Take 1 peck Vine Peaches, 1 quart Vinegar, 3 pounds sugar, 2 ounces ground cinnamon tied in bag. Peel and halve the Vine Peaches, removing seeds and stick two or three cloves in each half peach. Heat vinegar, sugar and cinnamon together, then put in Vine Peaches and cook until tender, taking care not to let them get very soft. Take out carefully and place in jar; let vinegar boil until thickened a little, then pour over fruit. Repeat this two mornings, then cover closely and set away in a cool, dry place until wanted for use, and you will find them the most delicious sweet pickles ever used. Other spices may be put in if desired.

For Preserves.—Peel, halve and remove seeds from Vine Peaches selected. To each pound of fruit so prepared, allow one pound of white sugar. Sprinkle sugar over fruit and let stand over night, pour off juice into preserving kettle and let it come to a boil. Then place the fruit in and cook until fork will pierce it easily. To each quart of fruit add one small lemon sliced thinly, and cook with fruit, take out carefully and place in jars. Let syrup boil a few moments to thicken, then skim and pour over fruit, seal closely.

Canned Vine Peaches.—Prepare same as for preserving. To each can of fruit allow one-half pound sugar, half a lemon, and one cup of water. Let sugar and water come to a boil, then place in fruit and lemon cooking until tender, place in jars, boil juice for 15 minutes and pour over fruit.

For Pies.—They are nice, prepared same as for either preserving or canning.