

Historic, archived document

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

V. E. Allen's

CATALOGUE



OF SEEDS

PLANTS

& SMALL FRUITS

1884



F. W. DODGE & CO. BOSTON.

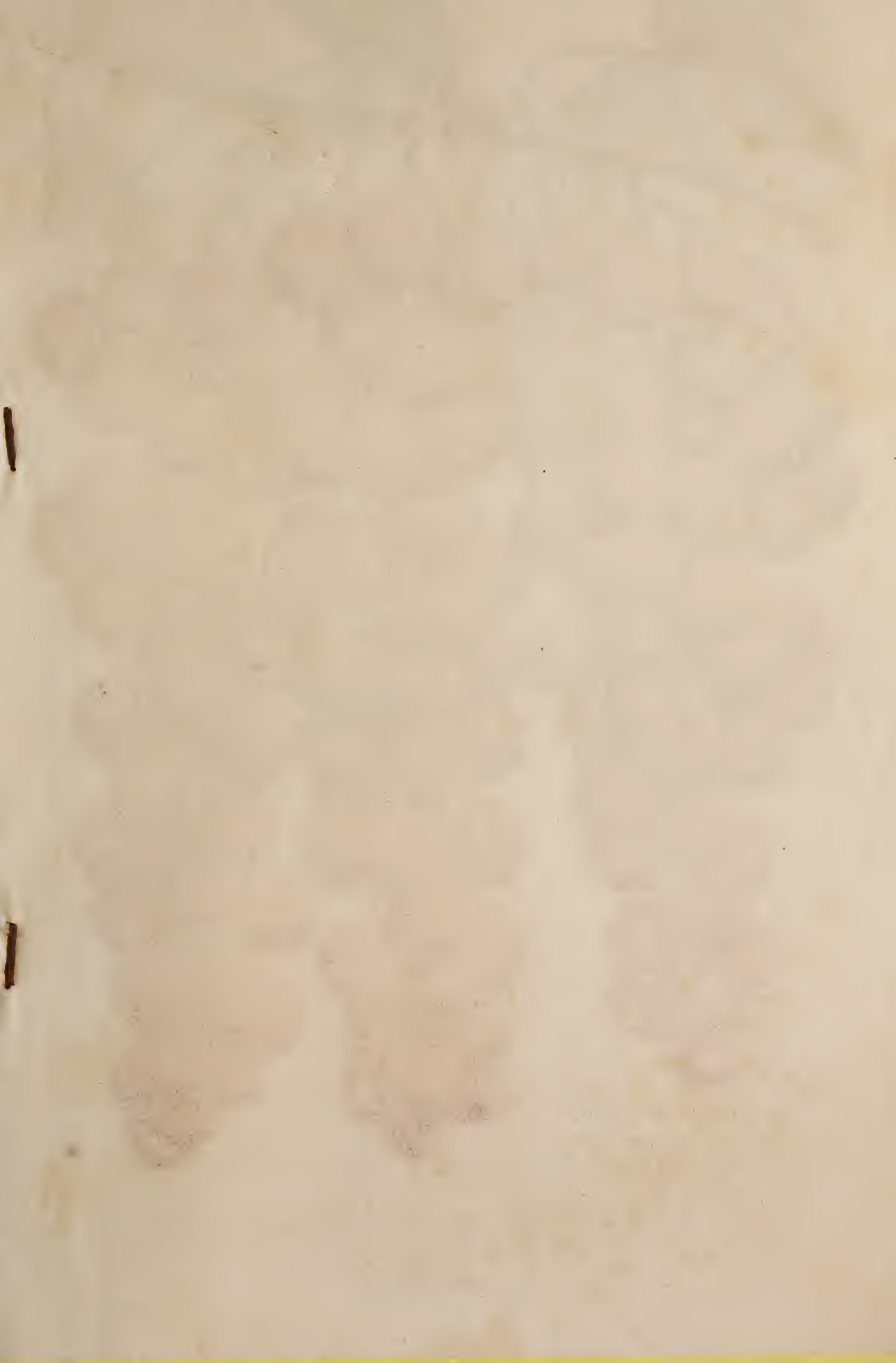


N. T. O'Neil

INDEX.

PLANTS.

Abutilon,	13	Primrose, Single,	29	Collections,	53	Pinks,	56
Achyranthes,	13	Primrose, Double,	29	Cobaea,	47	Primula, (Primrose,)	56
Agave,	13	Primrose, H'dy White,	29	Canterbury Bells,	47	Phlox Drummondii,	56
Ageratum,	13	Pansy,	30	Clarkia,	47	Perilla,	56
Aithcranthcra,	13	Plants for Rib'n Beds,	40	Centaurea,	47	Rodanthe,	57
Alyssum,	13	Pclargonium, Regal,	31	Centranthus,	47	Rocket,	57
Azalea,	13, 14	Spotted and Show,	32	Climbers, Rapid Gr'th,	42	Ricinus,	57
Amaryllis,	14	New and Choice,	32	Clianthus Dampieri,	47	Salpiglossis,	57
Basket Plants,	26	Roses, by Mail,	33	Clematis,	47	Salvia,	57
Bouvardia,	14	Everblooming,	33	Convovulus,	47	Scabiosa,	57
Begonia,	15	12 Choice Tea,	34	Cineraria,	48	Schizanthus,	57
Carnation,	15, 16	12 for house cult're,	34	Catch Fly,	48	Seed for Ribbon Beds,	42
Cactii,	17	12 Hybrid Perpet'l,	34	Chrysanthemum,	48	Sensitive Plant,	57
Camellia,	17	Set of 5 collections,	34	Cuphea,	48	Sweet William,	57
Centaurea,	17	Choice and Scarce,	34	Cypress Vine,	48	Solanum,	57
Cineraria,	17	General Collection		Cyclamen,	48	Sunflower,	57
Calceolaria,	17	of Everblooming,	35	Coleus,	48	Stock, Ten Weeks,	57
Coleus,	17	Polyantha,	35	Directions for culture,	42	Sweet Pea,	58
Calla,	18	Hybrid Tea,	36	Dianthus,	48, 49	Tagetes,	58
Cobea,	18	Hybrid Perpetual,	37	Daisy, Double	45	Thuibergia,	58
Chrysanthemum,	18	Yellow Persian,	38	Digitalis,	49	Venus' Looking Glass,	58
Cyclamen,	18	Moss,	38	Datura,	49	Verbena,	58
Caladium,	19	Perpetual Moss,	39	Dahlia,	49	Vinca,	58
Cuphea,	19	Climbing,	39	Dolichos,	49	Wallflower,	58
Campsidium,	19	Solanum,	32	Erythrina,	49	Xeranthemum,	58
Daphne,	19	Seedlings,	40	Eschscholtzia,	49	Zinnia,	58
Dahlia,	19	Salvia,	39	Euphorbia,	49		
Daisy,	19	Small Fruits,	81	Echeveria,	49	Vegetable seed,	59
Dracena,	19	Smilax,	27	Forget-Me-Not,	49	Sowing Seed,	59
Eupatorium,	19	Sedum,	30	Flower Seed by w'ght,	59	Asparagus,	59, 60
Euphorbia,	19	Strawberries,	81-84	Fuchsia,	49	Artichoke,	60
Euonymus,	19	Sweet William,	39	French Honeysuckle,	49	Beet,	60
Eulalia,	19	Tuberose, Common,	29	Gallardia,	49	Beans, Bush,	60, 61
Erythrina,	19	Tubcrose, Pearl,	29	Gladiola,	49	Beans, Pole,	61
Echeveria,	19	Tradescantia,	32	Gilia,	49	Broccoli,	61
Fuchsia,	20, 21	Verbena,	39, 40	Geranium,	50	Brussels Sprouts,	61
Ficus,	21	Verbena, Lemon,	40	Grasses,	50	Cabbage,	62, 63
Ferns,	21	Vinca,	40	Gloxinia,	50	Carrot,	63
Feverfew,	21	Violets,	40	Gypsophila,	51	Cucumber,	63, 64
Gloxinia,	21	Veronica,	40	Globe Am.ranthus,	51	Cress,	64
Gladiola,	21	Wax Plant,	39	Godetia,	51	Cauliflower,	64
Geraniums,	21-25			Gourd, Ornamental,	51	Corn,	64, 65
Scarlet,	22	Flower Seed.		Heliotrope,	51	Celery,	65
Salmon,	22	\$30 Cash Premium,	42	Helianthus,	51	Club Orders on Plants,	76
White,	22	Abronia,	42	Honesty,	51	Club Orders on Seeds,	76
Pink,	22	Acroclinium,	42	Hollyhock,	51	Dandelion,	66
Golden Variegated,	23	Adlumia,	42	Helichrysum,	51	Egg Plant,	66
Silver Variegated,	23	Ageratum,	42	Inducements to Clubs,	42	Endive,	66
Sweet Scented,	23	Anagallis,	42	Ice Plant,	52	Fruit Seed,	76
Golden Bronze,	23	Alyssum,	42	Ipomea,	52	Grass Seed,	76
Ivy-Leaved,	24	Amaranthus,	43	Jacobaea,	52	Grain Seed,	76
Ivy-Leaved, Dou'le,	24	Ammobium,	43	Large plants for groups,	42	Herbs,	66
New, see Novelties.		Aristolochia,	43	Lobelia,	52	Inducements to Clubs,	76
Happy Thought,	24	Abobra,	43	Larkspur,	52	Kohl Rabi,	66
Freak of Nature,	24	Aconitum,	43	Lantana,	52	Lettuce,	66
Double Zonale,	24	Asparagus, Climbing,	43	Lavendula,	52	Melon, Musk,	66, 67
" of '82,	25	Asperula,	43	Lupins,	52	Melon, Water,	67, 68
Heliotrope,	25, 26	Alonsoa,	43	Lathyrus,	52	Mustard,	68
Hardy Shrubs,	77	Ampelopsis,	43	Linum,	52	Onion Seed,	68
Hardy Climbing Vines,	79	Antirrhinum,	43	Lychnus,	52	Onion Sets,	68
Hollyhock,	26	Adonis,	43	Marigold,	52	Okra,	68
Hardy Roots & Bulbs,	79	Aster,	43, 44	Marvel of Peru,	52	Parsley,	69
Hibi-cus,	26	Aquilegia,	44	Maurandia,	52	Parsnip,	69
Hanging Basket Plants,	26	Bryonopsis,	44	Mignonette,	52	Peas,	69, 70
Hydrangea,	26, 77	Begonia,	44	Mimosa,	52	Potato, Dakota,	80
Ivy, German,	26	Browallia,	44	Morning Glory,	52	Potatoes,	71, 72
Ivy, English,	26	Brachycome,	44	Myosotis,	54	Radi-h,	73
Ice Plant,	27	Balsam,	45	Mimulus,	54	Spinach,	73
Ivy Geranium,	24	Balloon Vine,	45	Myrsiphyllum,	54	Sea Kale,	73
Jassaminum Gr'diff'm,	26	Bartonia,	45	Novelties and		Salsify,	73
Jassamine Cape,	26	Bellis, (Double Daisy,)	45	Specialties, 1 to 12		Squash,	73, 74
Petunia, Single,	26	Caculia,	45	Nemophila,	54	Turnpis,	74, 75
Petunia, Double,	26, 27	Calandrina,	45	Nierembergia,	54	Tomato,	75
Lily, Day,	27	Calendula,	45	Nolana,	54	Tree Seed,	76
Lily of the Valley,	27	Campanula,	45	Nasturtium,	54		
Lily, Japan,	30, 31	Callirhoe,	45	Nigelia,	54	Miscellaneous.	
Lantanas,	27	Castor Oil Bean,	45	Oenothera,	54	Agricultural Tools,	88
Myosotis,	31	Calceolaria,	45, 46	Oxalis,	54	Collections, 3d p cover,	
Marantas,	31	Canary Bird Flower,	46	Petunia,	55	Cut Flowers, 3d p cover	
Maderia Vine,	31	Calliopsis,	46	Portulaca,	55	Fruits,	85-87
Notice to Clubs,	33	Candytuft,	46	Pyrethrum,	55	Trees,	37
Plants by Mail,	40	Canna,	46	Pansy,	55, 56	Vegetable Plants,	88
Phlox, Hardy,	29	Carnation,	46	Papaver,	56	Plant Fertilizer,	88
		Celosia, Coxcomb,	46	Poppy,	56		





From C. E. ALLEN,
FLORIST and SEEDSMAN.
Currants, Grapes, Strawberry
Plants in Variety.
Brattleboro, - - Vt.

THE WONDERFUL NEW CURRANT.
FAY'S PROLIFIC.
IT HAS NO EQUAL.



REMARKS.

In 1870, my first issue of a small sixteen page pamphlet was sent out. I have yearly enlarged, as my business increased, trying to make it one of the most useful and attractive, numbering at present 96 pages, with cover, of useful and instructive matter to all interested in agriculture. I have carefully managed to have no waste room, and will be found to contain one of the most complete lists of Plants, Bulbs, Seeds and Small Fruits, combined in one, for practical use, of any other catalogue in New England, and it seems, the poorest or the most wealthy purse can make selections to fully supply their wants. My issue for the year is about 30,000, which bring us trade throughout the United States and Canada. The present year opens with an increase of trade from all directions, and promise still an increase from last year. During the spring and early summer, the continual heavy rains extended here, followed in August and September with severe drouth, hurried with early and severe frosts in September, doing damage to many. Quite a novel season for Vermont. Being of disadvantage to some crops, but on the whole it might be called more than an average favorable year for agriculture. The winter thus far has been very favorable, allow-

ing me to offer the most healthy, largest and best variety of plants of any previous year. I grow largely Roses, Verbenas, Geraniums and Carnations for florists' trade, and for all parties who want them to plant in quantities for their own use to bed out; together with quantities of Fuchsias, Pelargoniums, Coleus, and all other greenhouse and bedding plants, including rare novelties in Roses, Geraniums, &c. I do not claim to have the best in all departments of my trade, still I think my goods will equal any of our largest houses in quality, and in many respects prices will be found much less. Being grown at the North should naturally produce a more hardy constitution and better results than stock cultivated farther South, and I invite all who receive this catalogue to give me one trial order. I invite special attention to my stock, and will at any time be pleased to give special rates to parties wishing them in quantities.

SMALL FRUITS. Each year adds valuable novelties in Small Fruits, many of which rank of high value, gradually taking the place of older varieties. Being a practical fruit grower, with several acres under cultivation, shipping to market long distances, allows me to judge practically their merits. Among those worthy of notice are Manchester and James Vick strawberry, Early Victor, Moore's Early and Prentiss grape, and Fay's Prolific currant, see colored plate; other varieties found on pages 80 to 84.

PACKING. My system is so perfect that I send plants safely to California, arriving in as fresh condition as when sent 50 miles, and hold many complimentary letters to that effect. I *guarantee* the safe arrival of all plants, seeds and bulbs when sent by mail or express, if complaints are made at once upon receipt of goods. My plants and seeds are sent out not only with the intention of pleasing purchasers this year, but with the aim that I may secure their confidence and be favored with their orders for years to come.

PLANTS BY MAIL. Special attention is given to Plants by Mail. If ordered by express, much larger plants will be sent, the express always to be paid by the purchaser. Special rates given to parties wanting plants in quantities for bedding purposes. Orders from unknown parties sent C. O. D., unless accompanied with cash or good references. No charge for boxing or packing on orders to the amount of \$1 and upwards. A liberal discount to dealers.

FLOWER SEEDS. Some which cannot as yet be grown in this country, I obtain from the most reliable growers in Europe. My strain of Florists' Flower Seeds is the best that can be obtained; in fact, all can be relied upon. **Flower Seed.** Directions for sowing and club orders, see page 41, 42 to 59 **Vegetable Seed.** Directions for sowing, and club orders, see page 59, 70.

SEED. As a practical Florist and Market Gardener for 16 years, my experience in the seed business, to which important branch I devote special attention, enables me to judge of its merits, while my greenhouses afford ample means for testing as to germinating qualities. I am so well convinced of the purity and freshness of all seed herein offered, that I feel sure every seed planted will grow, testing, as I do, all seed in my greenhouses before sending out, to prove its freshness. I sell nothing I do not believe to be true to name and sure to grow, giving best results under favorable treatment. I exercise the greatest of care in obtaining seed of the most reliable growers direct, of the kinds I am unable to grow myself, and claim to hold as reliable stock as any seedsman in the country, and my rapidly increasing trade proves the seeds I sell are fast gaining public favor. Should any seed prove otherwise than represented, after having made reasonable allowance for the ground's being too wet, too cold, too dry, or from bad planting, there still remains a reasonable doubt that the trouble is in the seed, I will give to the customer, without charge, a supply equal in value to what he purchased.

CASH DISCOUNT ON SEED. All flower and vegetable seed in packets, oz. lb. qt. or peck to the amount of \$5, 5 per cent. discount; \$8, 8 per cent. discount; \$10 to \$20, 12 per cent discount. Not allowed on bushel and barrel rates unless by special agreement.

TELEPHONE No. 51,601, running from my office and connecting with Western Union Telegraph Company, assures all customers that orders received in this way will receive prompt attention.

ORDERS. I would ask if goods are not received in due course, my customers will write to that effect, as on several occasions a customer has provided himself elsewhere, thinking I was not attentive to his order, when the address had been omitted.

SEED BY MAIL. All seed will be forwarded by mail at rates given unless otherwise noted. Peas, Beans, add 30 cents per quart; corn, 20 cents; all other seed at pound rates, add 16 cents per pound, to pay postage; no charge for packing or boxing.

Be particular to always write the order plainly, and give Post Office, County and State. All money to the amount of \$1 and upwards, if sent by Post Office Order, Registered Letter, Cashier Check on New York and Boston, will be at my risk, and I will guarantee the safe arrival of all packages to any part of the United States. **Discount** on Seed, see pages 42 and 76. **Club Orders** on Plants and Roses, see page 33; also \$30 Cash Premium below.

CATALOGUES. No. 1, illustrated, of Seeds, Plants, Bulbs, Shrubs, Small Fruits, Trees, &c., issued in February. No. 2, Special List, to the trade only, ready in February. No. 3, Special List of Surplus Stock and Mailing List, ready in April. No. 4, Special List of Potted Strawberry Plants, ready in July. No. 5, Fall Catalogue of Dutch Bulbs and Winter Flowering Plants, ready last of September. All mailed free to customers, and to others on application.

CLUB ORDERS.

Which must amount to \$3, will entitle the getter-up of same to select roses, plants, bulbs or seeds, in packets only, not by the oz., lb., qt., or bu., in catalogue to the amount of 20 cents for every one dollar's worth ordered, viz.: **For a club of \$3, you can select 60 cts. worth as premium. A club of \$4 you may select 80 cts. worth. A club of \$5 you may select \$1 worth and 25 cents' worth extra as premium.**

But remember, this premium is allowed only when plants are ordered at retail rates; for instance, when \$3 worth of roses are ordered, I will send three \$1 packages, (18 Roses,) and you can select from the catalogue plants or seeds to the amount of 60 cents, as your premium, and for the largest **CLUB ORDERS** I will pay **\$30 Cash** in Three Premiums to the parties sending me the largest **Club Orders** for the season, to June 1, 1884, viz.: **\$15 CASH** to the party sending me the largest cash Club Order, in one or more orders, to June 1, 1884. **\$10 CASH** to the second largest. **\$5 CASH** to the third largest.

The whole of each party's orders must exceed \$15. Those obtaining Club Orders for the Premium, should state in each order they send that they are to compete for the premium, that we shall be sure and give them notice, as such orders will be filed separately and filled promptly. By Aug. 15, 1884, each person competing for premium will be notified, and receive the names with amount sent by each, and where located. When everything is found correct, I shall forward to the three parties entitled to the premiums, Bank Drafts or Post Office Orders for the amounts as above stated. The above offer is not open to florists, but to those who send club orders at retail rates, with the discounts found in this catalogue, under the head of Plants, Seeds or Bulbs. Should the three largest club orders amount to \$30, \$40 and \$50 or over, at the end of the season, an additional \$10 will be given. \$5 to the largest, \$3 to the second largest and \$2 to the third largest; making \$20 to the largest, \$13 to the second largest and \$7 to the third largest, or \$40 in all.

All who can spare a little time at night, morning, or during the day, should not fail to try for these premiums.

Our Seed is classed among the very best, fresh and true to name.

Our plants will be found equal to any grown in this country.

TREATMENT OF PLANTS RECEIVED BY MAIL.

As soon as plants are received they should be unpacked at once and placed in water for twenty or thirty minutes, keeping the packing about the roots. This restores the vigor, brightens the leaves and gives the plant new life. They should then be potted and shaded for a few days, and if bedded out should also be shaded from the sun, paper being the best for that purpose. When potted, water thoroughly, after which only keep the soil naturally moist. The plant being yet weak should not receive much nourishment, and if over-fed will die outright.

Plants packed with the best care, if not properly cared for when received, may be lost. With our method of packing and if above directions are followed, all should live. Do not throw your plants away because they look dry and withered, but give them a chance to revive under favorable treatment.

NOVELTIES.

NEW, SCARCE AND RARE PLANTS AND SEEDS.



NEW ROSE SUNSET.

ROSES NEW AND CHOICE.

Sunset. This rose is attracting much attention. It is similar to the famous *Perle des Jardins* excepting color, which is a rich shade of fawn or bronze orange, quite deep and attractive; very double strong and vigorous grower; likely to prove one of the most valuable winter forcing roses. Price \$1.

Andre Schwartz. (New Crimson Tea). Of medium size, flowering very freely; a color long looked for in the list of Tea Roses; resembling the much prized Gen. Jacqueminot; deep velvety crimson. Price 50cts. each.

Louisa C. La Rive. Habit strong and robust; blooming freely; rosy bluish, shaded salmon and buff; medium size, double and fragrant. 75 c.

Sou de Therese Levet. A new and very attractive Tea Rose, of a bright scarlet crimson; large and full; changing to velvety crimson. 75 cts. each.

Mme. Eugenie Verdler. Said to be one of the finest new roses of its color; buds and flowers very large, very full, of a deep orange yellow, quite distinct and beautiful.

Etoile de Lyon. First offered last season as one of the very best French roses; a good grower and blossoms are very large, of a deep yellow, remaining in bloom a long time, of an unusual doubleness. For a rare choice variety, no collection should be without it. Its color is similar to *Mar. Niel*, but far superior as a house rose. Price 50 cts. each, 6 for \$2.00, 12 for \$4.00.



ETOILLE DE LYON.

White Bon Silene. A sport from *Bon Silene*, with vigorous growth; hardy as its parent, blooming equally as free. A valuable new, white variety. 60 cents.

All purchasers who remit \$2.00 for roses and add 10 cts. to pay for packing and postage, I will present one Rose, *Etoile de Lyon* free.

NEW POLYANTHA ROSE.

Mignonette. Without doubt the most free blooming of all Roses. Once planted out in summer it is seldom seen out of bloom, from June to October. It is a dwarf about ten to twelve inches high, blooming in large clusters very double and fragrant. Color white, lightly tinted; vigorous, constant and profuse; an excellent house rose. Price strong plants, 20 cents each. \$2.00 per dozen.

For every \$2.00 worth of Roses ordered, I will send one *Mignonette* Rose free, when 10 cents is added for postage and packing. Please mention in order if either *Etoile de Lyon* or *Mignonette* are wanted, if not mentioned will not be sent. When \$4.00 worth are ordered, the two will be sent when 20 cents is added for postage and packing.



MOSS ROSE. (SEE PAGE 35.)



CATHERINE MERMET.

NEW DOUBLE GERANIUMS FOR 1884.

The continued improvements of this beautiful class, is steadily increasing, and there will be found superior varieties in this collection to any yet offered.

B. K. Bliss. Very large flowers: two inches

12 VERY CHOICE TEA ROSES OF SPECIAL MERIT.

Catherine Mermet. One of the most beautiful and highly valued choice Tea Roses of its color. Large pointed buds of a delicate satiny pink beautiful in bud or full open, excellent for summer or winter. 20 cents each. Extra strong plants 35 cts.

Coquette de Lyon. Canary yellow. Full and double, large beautiful bud, strongly tea scented, 20 cents. Extra strong plants 30 cents each.

Helvetia. Beautiful golden salmon, peach centre; scarce, and good free grower; blooming freely. 20 cents each. Extra strong plants, 30 cents each.

M. Noele Merie. Light yellow, shaded carmine; strong, vigorous and free. 20 cents, strong plants 30 cents.

Maria Guillott. Pure snow white, often tinted yellow; very large, full sweet tea scent; one of the best of this list. Price 20 cents each, strong plants 30 cents each.

Maria Ducher. A most excellent rose. A good grower, and free bloomer; good form. Color deep rose. 20 cents. Strong plants 30 cents.

Perle de Lyon. Deep orange yellow, highly perfumed; very double, and beautiful buds. 20 cents, strong plants 30 cents.

Mme. Joseph Schwartz. White blushed with rose, changing to flesh white, blooming in clusters, full and well formed, of cup shape. 20 cts each, strong plants 30 cents each.

Sou, D'Un Ami. A prominent winter flowering rose, of full double form; of a clear deep rose color. 20 cents, strong plants 30 cents.

La Princess Vera. Vigorous, large and full; very double; creamy white, or a pale yellow tint. Price 20 cents, extra strong plants 35 cents.

Reine Marie Henriette. Same habit of *Glorie de Dijon*. Color a clear cherry red, a beautiful shade; large and full, 20 cents each strong plants 30 cents each.

Jules Finger. Rosy scarlet, vigorous, and a free bloomer; large and beautiful form. 20 cents each strong plants 35 cents.

The entire collection of 12 for \$2.00. Extra strong sizes \$3.00. They are all valuable, well tested varieties, and can be recommended for great beauty, excellent form, and distinct rich colorings, uncommon among other Tea Roses; scarce, and highly valued among the newer varieties of recent introduction.

in diameter; of a vivid, rich, pure scarlet; of good shape, and large truss; the largest truss and finest colored yet seen; out 60 cents each.

George Thorpe. Unequaled as a bedding geranium. Its trusses are immense size; habit branching; color of a most intense light crimson. 60 cents each.

Gilded Gold. New in color; of a deep orange; flowers exceedingly large; truss compact and

freely produced; one of the most distinct yet known in the color of double geraniums, 65 cents each.

Hoff Beach. Good robust habit, flowers of good size, of a rich amaranth purple; free, truss large. 60 cents.

Miss McMurray. This gives an immense flower of beautiful shape, with large trusses; of excellent habit. Its color is a rich mild salmon, of a distinct shade. Price 60 cents each.

Queen of Fairies. A bi-colored variety, of a rich flesh color, mottled white; the largest and most perfect shaped truss yet sent out. 65 cents each.

NEW DOUBLE GERANIUMS OF 1883.

The following were first sent out last year as the finest collection from several thousand seedlings, superior to anything then offered, and have proved of much value to our large collection.

Crimson Velvet. Rich dark velvety crimson, shaded black; a very intense, brilliant colored, compact variety. 35 cents each.

Emile Lemoine. A magnificent deep crimson scarlet, with immense pips of great substance; one of the very finest. 30 cents.

James Vick. Flowers and truss of great size; free habit; color, deep flesh, with dark bronze shadings entirely distinct. 35c

La Jeannette. Fine, perfect shaped, pure white variety; quite distinct. 35 cents.

Longfellow. Large, perfect shaped flowers of a soft crimson color, slightly shaded purple rose; compact and unequalled in color. 35 cents.

Maggie Hallock. Deep pure pink, shaded rose, with reflex petals silvery white; free flowering; good shape; a new and distinct color. 30 cts.

Peach Blossom. White, shaded and marbled with light and dark peach pink; habit and truss good; fine for pot culture. 30 cents.

Pocahontas. An improvement on Mdm. Thibaut, with immense trusses of rose pink, upper petals margined white. 30 cents.

NEW SINGLE GERANIUMS FOR 1884.

Cygnets. Immense trusses of flowers of the purest white, coming in bloom very early, and very free. 40 cents, each.

Edith George. Truss very large, fine overlapping petals, of a rich reddish pink. 50 cents.

Kate Greenaway. Fine large pink, quite round, of a bright color. 35 cents.

May Queen. Ground color of flowers, bright flesh; half of upper petals pure white, with a margin of white on lower petals; very large truss of fine round shape. 35 cents each.

C. S. Teesdale. Very distinct, on account of its truss and individual flower, rich bright scarlet. 40 cents.

Miss Blanche. Deep purplish pink; truss, immense; and blooms very free; one of the finest for bedding and pot culture.

Snowball. One of the finest, real pure white in all seasons while the flowers nearly approach the fullness of many of the best scarlets. Price 40 cts. each.

Lizzie Brooks. Immense, large, full, bright, scarlet flowers; full, round, perfect form, with white eye, very attractive. 30 cents each.

Eurydice. Rich rosy pink, large white blotches. 50 cents.

Ferdinand Kauffer. The same as Dr. Denny in color, large flowers and truss; color more intense, with fine foliage; will have a large sale. 50 cents each.

Nellie Thomas. Richest deep crimson, with immense flowers. 50 cents each.

Jasper. An early bloomer, with compact habit, large truss of flowers, of deeply shaded bright orange, with white eye. 30 cents each.

CHOICE GERANIUMS OF SPECIAL MERIT.

I make geraniums a leading speciality, and yearly select a set of the most desirable varieties that have been well tried, that I can offer at less rates than the new varieties, for parties who do not care for the choice high priced sorts. My stock of geraniums will number about 12,000 plants. The following six have been selected as some that will give satisfaction to all, while the price is quite low. Selected from the varieties of recent introduction.

6 GOOD DOUBLE GERANIUMS OF DISTINCT COLORS.

Wm. Hamilton. Color, deep, rich crimson with maroon shading; flowers large and well shaped; trusses immense; habit, free and robust. It surpasses any dark variety yet sent out. 30c.

James Y. Murkland. Flowers of the most perfect shape, bright peach-rose center; broadly margined with white; large, fine truss; compact habit. 30c.

La Cynge. One of the most beautiful double pure white Geraniums yet introduced, blooming profusely through the season. Truss good size, well formed, of a pure white. 20c.

Iroquois. Flowers intense deep scarlet, large and double. Habit, dwarf and branching; good size truss and remarkably free-flowering. Will prove a standard variety. 30c.

Ed. Andre. One of the best pink of recent introduction. Large truss; free grower; good habit; very pleasing. 30c.

Blonde. Ground color salmon, deeply shaded orange; base of petals white, with a distinct margin of white around each; of the finest shape; truss of great size. 20c.

The set of 6 for \$1.25.

SET OF 6 CHOICE SINGLE GERANIUMS.

Corigo. Large, round, full flower, of a soft, deep rosy peach, of a velvety texture; one of the finest, best and most attractive in the whole list. 35c.

Anna Scott. Rich deep crimson, shaded maroon; free; a grand bedder, and will be an acquisition in line of color. 25c.

Excellent. Larger and more full than General Grant; a better bloomer for house culture or bedding out; color bright scarlet. 25c.

Newlands Mary. Large trusses of fine deep pink; growth dwarf and compact; exceedingly free bloomer. 25 cents.

Purity. Pure white; one of the best for any purpose. 20 cents.

Marla H. Foot. Very large flowers; fine form; good truss; of a rosy salmon; one of the finest of its color. 25 cents.

The set of 6 single for \$1.25. The set of 12, double and single, \$2.40.

NEW SINGLE PINK GERANIUM.

King Olga. Is said will supercede Master Christine, as it surpasses that in every respect. The petals are deep pink, white at the base. The trusses are large and perfect, and it is the freest-flowering variety of its color. 50 cents.

NEW DOUBLE BRONZE GERANIUM.

Magician. Centre of leaf yellowish bronze, the outer margin deep green. Flowers double, orange scarlet. A new and distinct variety, producing free growth. 25 cents each.

BRONZE GERANIUM.

Hero. This no doubt is one of the finest bronze geraniums in cultivation. A good sized yellow leaf with a distinct broad, dark zone. Flowers the largest of all the bronze geranium class. Of a beautiful salmon, bright and distinct from all others. 35 cents each; small plants, 25 cents each.



NEW CARNATIONS.

Buttercup. Its color is deep, rich canary yellow—as deep as any of our bright yellow roses. The first and only pure yellow Carnation yet offered. Its flowers are of good size, full double, from two to three inches in diameter, never bursting its calyx. A fine and early bloomer; plant hardy and robust. 50 cents each.

Mrs. Garfield. A fine novelty of 1882. Of a rich golden yellow, edged and flaked with deep rose; flower of medium size; full and double; strong grower and free to bloom, never bursting its calyx. 25 cents each.

James A. Garfield. A new Carnation of 1882. Color, English vermillion, one of the finest of its color yet offered. 20 cents each.

Other choice Carnations see page 15.

Black Knight. This is said to be the best dark Carnation ever offered; continuous flowering, of the richest crimson; a decided improvement on the well known Crimson King, sweet scented and long stemmed. 30 cents.

Cymbeline. Rich, bright orange ground, flaked with very bright scarlet; a finely shaped flower, and though not quite so free-flowering as some varieties, it is desirable on account of its brilliant colors. 30 cents.

Fairy Princess. Very large flowers, pure white, pencilled with fine lines of rich purple-crimson, on long stems; very free flowering. 30 cents.

Mrs. F. Mangold. Rich and chaste in coloring; being a pure tone of soft salmon color; distinct from Miss Joliffe, with large flowers, fine habit and free. 30 cents.

Portia. The most intensely bright scarlet, much more so than either Lady Emma or Firebrand, and entirely unlike those varieties, it has a most vigorous constitution, having not the slightest tendency to die out; the flowers are of medium size and freely produced; a fine variety. 35c.

Rosalind. A lovely shade of pink, resembling in color such Geraniums as Mary Geering and E. Girardin; a new shade of color among Carnations; the flowers are very large, all long stemmed, very free; a fine grower, and will be a great favorite. 35 cents.

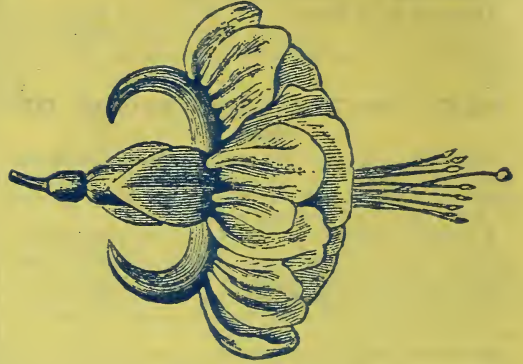
NEW FUCHSIAS.

Jean d'Arc. Dwarf and branching; vigorous; covered with large double flowers; bright scarlet sepals; corolla pure white. 40 cents.

Countess O. Shaff. Scarlet tube and sepals; large, single white corolla; very early bloomer. 40c.

Lamenais. Very dwarf and vigorous; bright scarlet, corolla double globe shape of the purest white, striped carmine; a fine market variety. 40c.

Mdm. J. Chretien. Enormous flowers; sepals and tube carmine; spreading corolla; pure white, veined with carmine; very double; 40 cents.



PHENOMENAL.

Phenomenal. The largest fuchsia grown; light red tube and sepals; bright violet corolla; habit dwarf and free flowering. See cut. 50 cents.

Other choice Fuchsias see page 21.

PELARGONIUMS. Show and Fancy.

My collection will be found one of the finest and choicest. Stock is large, very healthy, and some of the most rare and expensive varieties. See page 32 for collection of the most rare varieties.

NEW ORNAMENTAL-LEAVED BEGONIA.

Louis Chretien. A splendid variety with green foliage, tinted violet-crimson, the whole suffused with metallic lustre; a grand, attractive variety. 50 cts. each.

NEW DOUBLE SCARLET BOU-VARDIA.

Thomas Meehan. A new double variety of brilliant red color, obtained by crossing the well known and most floriferous of all Bouvardias, *Leiantha*, with the double white variety. This variety unites the brilliant red color and profuse blooming qualities of Bouvardia *Leiantha* with the perfect double flowers of the white variety. Ready April 1st. \$1.50 each.

HELIOTROPE-WHITE LADY.

An almost pure white, free flowering variety, of fine habit, producing large heads of bloom; an improvement on Mad. de Blonay. 25 cts. each.

DOUBLE TROPÆOLUM, or HERMINE GROSSHOFF. (Nasturtium.)

This is a decided improvement, and differs from all other Tropæolums in the dwarf growth, and large, perfectly double flowers, which are about two inches in diameter, and of a bright orange-red color. It blooms continuously, and we know of no other plant that will give better results under almost any treatment. It is well adapted to grow in single specimens as a pot plant, or for planting in the open border. Its bright-colored flowers and elegant habit of growth render it indispensable in the planting of vases, baskets, or window boxes. 20c; \$2 per doz.

TRÆOPOLUM PLENISSIMUM MA- JUS. (Nasturtium, Tall Double.)

A strong growing variety, of climbing habit, and very large flowers of a bright orange-scarlet; very beautiful for baskets, cut-flowers or bouquets; blooming continually. 20 cts. each; \$2 per dozen.

ASPARAGUS TENUISSIMUS.

Its fine filmy foliage surpasses in delicate beauty the Maidenhair Ferns. The stems or fronds stand without wilting for a long time after being cut, which will render it most valuable in cut-flower work. \$1.50 each.

EULALIA JAPONICA ZEBRINA.

Unlike all other variegated plants, this has its striping or marking *across* the leaf. It grows from 5 to 7 feet in height, forming a most striking and graceful plant, resembling nothing else known in cultivation. The expanded flower spike resembles the ostrich plume, and when dried will last for years. Plant entirely hardy. When used as a single plant, or for groups on lawns, it has no equal. 40 cts. each.

NEW HELIOTROPES.

Fleur d'Ete. Light violet purple, white eye.

Monceau. Beautiful shade of violet.

Md. Koff. White, tinted rose.

Schell. Purple; white eye.

NEW CHRYSANTHEMUM.

Snow Drop. The finest and most useful of the class of small flowered Chrysanthemums; about 18 inches in diameter; very double; nearly round like a ball; of the purest white; one of the most valuable for cut-flowers. 35 cts. each.

NEW DWARF FEVERFEW.

Little Gem. It grows to the height of from 8 to 12 inches; flowers said to be larger and more perfect form, of the purest white. 50 cts. each.

NEW COLEUS.

The following were selected from several thousand seedlings last year, and are quite distinct from any varieties yet sent out. 40 cts. each.

Bergen Beauty. Scarlet, yellow and maroon.

Atlanta. Dark maroon, flamed carmine.
Emerald. Green, yellow and carmine.
Leader. Vermilion, yellow and maroon.
Leaves of Autumn. Large foliage; crimson, yellow, pink and bronze.
Mourning Bride. Black, veined carmine.
Miss Bliss. Yellow, pink and bronze.
Miss Brist. Black, crimson and green.
Picturata. Bronze, yellow and green.
Scarlet Prince. Brilliant carmine-scarlet, edged crimson.
Splendeur. Maroon, blotched crimson.
Tennyson. Dark maroon, rose centre.
Zulu. Crimson-maroon, blotched yellow.
Progress. (See page 18.)
Golden Bedder. (See page 18.)

NEW VERBENA.

America. The individual flowers are larger than any variety yet grown of its color; one inch in diameter; the truss $3\frac{1}{2}$ inches across; very perfect form; color a beautiful shade of crimson scarlet, with very large white eye. 75 cents each.

NEW ALTERNANTHERA.

Aurea Nana. This variety grows more compact and upright than the Aurea variety; four inches high; showing its golden color when first planted out, retaining it through the season; quite distinct and superior. 25 cents each.

NEW DOUBLE PETUNIA.

Stanstead. A very handsome new variety, with white, mottled crimson; finely fringed. 65 cents each.

Hero. Dark rich purple; mottled and striped white; finely fringed. 65c. each.

Perfection. One of the most deeply fringed double varieties; very full and double; frilled edge, with unusually deeply cut or fringed petals; color a beautiful rosy lilac; uncommon among double petunias. \$1.25 each.

STEVIA NANA.

New Dwarf. A great improvement on the old variety; very dwarf and compact, producing more dense flowers and blooming more freely, growing only 12 to 18 inches high; more valuable for winter cut flowers. Price 20 cents each; \$1.50 per dozen.

Novelties in Flower Seeds,

AND OTHERS OF SPECIAL MERIT.



NEW DOUBLE RED DAISY LONGFELLOW.

New Double Daisy (Bellis) Longfellow. This novelty may be easily grown from spring sown seed and have the flowers in a short space of time. They come quite true from seed and are much prized for their unusual size and doubleness, of a dark rose color; the flower stems are long and firm, which render it very valuable for bouquets and cut flowers. Per pkt. 35c. For plants see page 19.

BALSAM.

Improved Camellia. This strain is saved from six of the very choicest colors, those showing the best and most double forms for florists and exhibition purposes. Very double and of the highest quality, and no doubt one of the finest strains in cultivation. The colors comprise pure white, scarlet, rose, violet, spotted and striped. Pkt. 25c; 3 pkts. for 50c with no discount. Also see page 45.



IMPROVED DOUBLE BALSAM.

NEW ASTERS.

Prolific. A new half dwarf Aster introduced from France, which I have had on trial for two years, and has proved one of the most profuse bloomers I have yet seen, blooming quite early, medium sized flowers, very double, beautiful and perfect in form. For Florists and bouquet makers, or garden decoration, this will be found one of the most profitable and useful in the whole class of Asters. I offer it in four colors.



NEW ASTER PROLIFIC.

Pure White. Pkt. 20 cents.

Rose Color. Pkt. 20 cents.

Lavender. Pkt. 20 cents.

Deep Red. Pkt. 20 cents.

One packet each above 4 kinds, 60 cents; all colors mixed, 20 cents; 3 packets mixed, 50 cents.

STOCK, (Ten Weeks.)

The seed offered has been saved from plants cultivated in pots exclusively, of the Large-flowering Dwarf German Stocks, and is no doubt the best and most carefully saved from double specimens offered. Very useful for florists and others in arranging floral work. Offered in five colors; **White, Blood Red, Blue, Buff, Rose.** Each color separate, per packet, 15 cents; or 1 packet each of the five varieties, for 60 cents; above 5 colors mixed, 15 cents.

New Perpetual White Stock. This commences to bloom in August and continues the whole year; very double, growing 12 inches high and will

grow three feet through if admitted room, producing quantities of flowers. Price per pkt., 25 cents.

Giant Perfection. The plants of this new variety are of pyramidal form, 2½ feet high, producing long spikes of double flowers; larger than most other varieties. Mixed colors, 20c per packet



STOCK.

CARNATIONS.

New Perpetual. This is claimed the very finest in the world. Seed saved exclusively from the most celebrated European collections. Very finest quality. Mixed, extra choice, per packet, 50c.



NEW DOUBLE HOLLYHOCK.

HOLLYHOCK, (New Double.)

My selections of this popular hardy perennial will be found among the best offered. Seed saved from the very finest colors which produce the most double flowers. If sown early in seed boxes they will bloom the first year, or sown in September will flower the following year. Very choicest in separate colors of **White, Rose, Salmon, Purple, Yellow, Crimson,** each color, 25 cents; 6 packets, one each, separately, \$1.25; the same colors mixed in one packet, 25c.

STATICE SUWOROWI.

One of the finest of annuals, bearing flower spikes of a very bright rose with a crimson shade, from ten to fifteen on each plant, measuring from 15 to 18 inches in length, and from ½ to 1 inch in breadth; the foliage lying flat on the ground. It remains in flower upward of 60 days, and if sown in succession from February to April may be had constantly in bloom throughout the summer and fall. Pkt. 40 cents.



MARIGOLD.

New Dwarf Striped French.

A new and very beautiful dwarf French Marigold, of a bright, velvety yellow, broadly striped with deep velvety crimson; very showy, novel and attractive. Price per packet, 10 cents.



DWARF STRIPED FRENCH MARIGOLD.

MIGNONETTE.

New Golden. This is the finest of all mignonettes, and one of the finest novelties of last season. Quite distinct from any other variety; completely covered with a mass of golden yellow blooms of a delicious fragrance, and will rank first in its class. Per packet, 15 cents.



MIGNONETTE.

MIGNONETTE "MATCHET." New.

Reseda Odorata Grandiflora. Of French origin, well adapted for pot culture, as it comes perfectly true from seed. The plants are dwarf and vigorous, of pyramidal growth, and furnished with very thick dark green leaves. They throw up numerous stout flower stalks terminated by long and broad spikes of deliciously scented red flowers. Per pkt. 25 cents.



CYCLAMEN.

CYCLAMEN.

New Strain. This is remarkable for its dwarf robust growth, large flowers, form and substance, and variety of colors, ranging in several shades of white, crimson, rose, flesh, carmine, etc. Pkt. 50c.



ALBA MAGNIFICA.

PRIMULA, (Primrose Chinese.)

My strain of Primrose seed are saved by one of the most noted growers, who has made them a speciality for years.

New Primula Globosa. An improved strain of Primrose of larger flowers than any other class. The flowers are beautifully fringed, and the habit of plant is very compact and profuse blooming. Red, white and striped mixed. Pkt. 50c.

Primula Alba Magnifica. This is a great improvement on the form and substance of the older varieties; plant compact with deeply cut leaves. The flowers are over two inches across, pure white with yellow eye, deeply fringed with two rows of petals, as represented in cut, blooming freely in very large clusters. Pkt. 50c.

PRIMULA CHINENSIS FIMBERATA.

Coccinea. A variety rare in color, of the largest size; of a brilliant scarlet, yellow eye, deeply fringed; of fine substance; blooms are produced in great abundance, forming a compact mass, and the appearance, when in bloom, is grand. Pkt. 50c

Double Fringed. This seed is saved from the best specimens only and will produce a large percentage of double flowers. White, red or mixed colors. Pkt. 50 cents.

Other varieties see page 56.

PELARGONIUM.

Fancy French Blotched. This seed is saved from the finest large flowering varieties. Pkt. 25 cents.

PETUNIA.

New Double Fringed Grandiflora Fimberata. This strain will produce from 25 to 30 per cent. of the finest double fringed flowers. Rich and delicate in tints, variegated in great variety; seldom fails to secure the highest praise. Pkt. 50 cents. Also see page 54.

Allen's Selected Single Fringed Petunia. This is saved from the very finest single fringed varieties, comprising all shades and colors of fringed, blotched, striped and plain colors. Pkt. 25 cents.



DOUBLE PETUNIA.

GLOXINIA.

Seed saved from the finest named French Hybrid of recent introduction; very choicest colors mixed, from large flowering varieties. Pkt. 25 cents.

GERANIUM.

I offer seed of my own raising, selected from my collection of over 150 single and double varieties Mixed. Pkt. 15 cents.

**PHLOX DRUMMONDII GRANDIFLORA.**

The flowers of this new class are as large as the hardy perennial phlox, blooming as freely as the common Phlox Drummondii; flowers are round, of great substance; habit of growth free and robust. Many colors mixed. Pkt. 10 cents. Also see page 56.

VERBENA.

Extra selected seed, which will produce only first class and new varieties of the richest and most brilliant colors; very large. This quality is considered perfect, as care is taken and only the most beautiful will be reproduced. Pkt. 15 cents.

For special colors see page 52.

NEW NASTURTIUM.

Lady Bird. A new, *very dwarf* compact variety, quite distinct in form, originating from several years careful selections which resulted in a fixed character. Flowers are of a rich golden yellow, each petal broadly marked with bright ruby crimson. Pkt. 30 cents.

Empress of India. Another very dwarf and compact novelty, producing flowers of the most brilliant crimson in great profusion. Pkt. 30 cents.

**SWEET PEAS.**

Adonis. This supplies a want in the Sweet Pea family; its bright rosy pink blossoms are quite distinct from any other, and adds a pleasing novelty to our list of sweet peas. Price 25 cents per pkt.

Princess Beatrice. This new variety is of a beautiful carmine rose, delicately shaded with lighter and darker tints; of unequalled fragrance. Packet 25 cents.

(ALSO SEE PAGE 58.)

CANDYTUFT.

New White Spiral. Remarkable for its vigorous growth, large, pure white flowers forming a very compact spike measuring from 4 to 6 inches across. Packet 20 cents.



CANDYTUFT, NEW WHITE SPIRAL.

PANSY, NEW IMPROVED FANCY LARGE FLOWERING.

This new strain of Pansy which the cut represents some of the forms of the rich and varied tints of, is one of the very finest and most rare in cultivation, producing the most rare and very richest velvety shades to be found in this greatly admired flower. This seed is offered in 12 special named varieties, also in mixed packages with directions for cultivation. Many thousand packages of this improved Pansy have been sent out during the last two years, and have won universal praise. Their color ranges from the purest white to pure velvety black; while, the rich velvety texture is unsurpassed, and seems



PANSY.

impossible to represent them in artificial colors. Improvements have been made in selections during the last year, to still improve their form and beauty. Price, each variety in packets of about 300

seeds, 20 cents; the same mixed in packets of about 400 seeds, 25 cents; price per 12 pkts. \$1.50, of each color separate.

Coronata. Beautiful dark velvety purplish maroon, pure and distinct.

Marginata. This has a dark purplish maroon ground color, with a margin of pure white and yellow, exceedingly fine.

Negro. Very large flowers, with a pure velvety black.

White Elephant. This new sort is quite different from the ordinary White Pansy. Flowers of a delicate satiny white, with a slight tinge of yellow in the center. It comes quite true from seed, and is the best white in cultivation, large flower; blooms very free as a bedding variety.

Beacon. The center is a purple violet, shaded to the edge from a blue to almost white, very delicate, attractive and bright.

Jamesy. Lower petals purple on a yellowish white ground; upper ones violet, with a blue margin, spotted and marbled with blue, rose and violet: superb.

Bismarck. Remarkably beautiful, marbled with gold bronze and brown.

Oriole. A very bright deep golden yellow; first class.

Ultramarine. A delicate shade of light porcelain; has a distinct and large white center; beautiful.

Splendens. This is quite rare in color, being of a very brilliant claret red.

Jumbo. Very large flowers, striped with several colors.

Flora. White, with rosy carmine spots; distinct, large yellow eye.

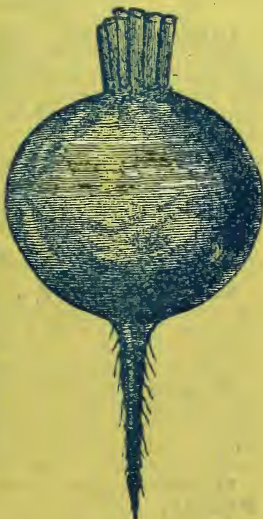
Vegetable Seeds.

NEW AND OF SPECIAL MERIT.

SPECIAL LIBERAL OFFER. Those who wish to select \$1.50 worth of the following new and choice varieties of Vegetable Seeds, on trial, by remitting \$1, make their own selections—in packets only; or \$3 worth for \$2.

BEEF.

Eclipse. This new beet was introduced from Germany, and has given such good satisfaction with market gardeners and as a table beet on account of its quick growth, small top, fine shape and quality, that it is rapidly becoming very popular. It ripens as early as the Egyptian, more round, and smooth, free from roots; skin and flesh of a dark red color when cooked, and yields heavy crops. All market gardeners will be pleased with this variety. Pkt. 10 cents; oz. 20 cents; $\frac{1}{4}$ lb. 50 cts; lb. \$1.75.



Eclipse.

BEANS.

For new and desirable varieties of special merit, several of which are the first time offered this season, viz: **Longwood, Leviathan, Best of All, Canadian Wonder, Yard Long, Flageolet Chevier, Wonder of France, Marblehead, Early Horticultural**, see special description, page 61.

Prolific Tree. New dwarf variety; most prolific yet known; grows 18 in. high, branching like a tree, bearing its pods so high that they do not touch the ground, and are not injured by wet weather; the ripe beans resemble the White Navy, but are larger and of finer flavor. They yield about 60 bushels per acre. Per pkt. 15c; pt. 30c; per qt. 60c.

CABBAGE.

Market Gardeners and all in want of Cabbage Seed grown from select stock, may depend upon getting the most reliable stock, true to name.

Blood Red Berlin. A new variety of much promise; very deep red, good size, and short stump; earlier than the preceding and solid. Pkt. 10c; oz. 40c.

Royal Drumhead. (New.) This is considered one of the best new drumhead varieties. Pkt. 15c.

Red Pickler. An early, pointed, red variety, representing Winingstadt in shape: very solid, of an intense dark red color.

Low's Peerless. (New.) A cross between Fottler's Brunswick and Early Wakefield. Is claimed to be earlier and larger than Henderson's Summer, and gives better satisfaction than any other Early Drumhead. Pkt. 25c.

Early Deep Head. (New.) A selection of several years stock from Early Brunswick with larger, thicker heads; equally as early; worthy of extensive trial. Pkt. 25c.



IMPROVED JERSEY WAKEFIELD.

Improved Jersey Wakefield. True American grown seed. This is a favorite with gardeners in all parts of the country; early, good size, and quality, very reliable for heading. This seed can be relied upon as equal to any offered; grown from fine specimens only. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.40; lb. \$4.75.

Henderson's Early Summer. An early variety, about ten days later and larger than the Wakefield, but smaller and not as heavy as Fottler's Early. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.20.

Fottler's Improved Early Brunswick. I have grown this for the past six years, and as a second early cabbage, there are none equal to it; the same report comes from all parts of the United States. About ten days later than the Winingstadt, heads of larger size, often weighing 12 to 15 pounds each. Seed sown about June 1st, it makes one of the best and most profitable varieties for winter, seldom failing to head. The seed offered is grown from selected heads. Pkt. 10c; oz. 25c; 1-4 lb. \$1; lb. \$3.



EXCELSIOR LARGE FLAT DUTCH.

Excelsior Large Flat Dutch. An improved strain of the Flat Dutch; much larger and finer every way and a little later. This seed was saved from the very finest specimens only. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1; lb. \$3.35.



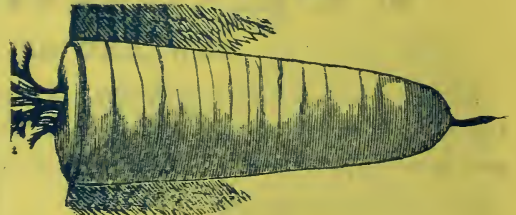
MARBLEHEAD MAMMOTH.

Marblehead Mammoth. The largest cabbage in the world. This seed was grown from the very finest selected stock from cabbages weighing 25 to 75 lbs. each; the finest exhibition cabbage, and excellent for family use; solid, drumhead shape, of finest quality. Plant on new land, the stronger the better they will develop. Cabbage will not follow cabbage or turnip successfully; make hills 3 feet each way. Plant 15th of April to May 1st. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$4.75.

\$3 cash paid to the party growing the largest head, of this variety, from seed purchased of me in 1884.

Other varieties see page 62.

CARROTS.



INTERMEDIATE.

Intermediate. In many respects this is a superior variety to the Danvers, growing more bulk per acre. A very handsome smooth variety. (See cut above.) Farmers who give it a trial will, I think, be pleased with it. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c.

Danvers. Between Long Orange and Early Horn; smooth, of a rich orange color; is considered more profitable to raise than Long Orange; 20 to 30 tons per acre under best cultivation. Oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 90c.

CELERY.

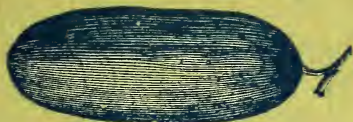
New Solid Ivory. Unlike many sorts, it is an excellent keeper, and resists the cold in winter the best of any known variety; dwarf, solid and compact, and should find a place in the garden of all lovers of this fine vegetable. Pkt. 15c.

Boston Market. This variety has become the leading celery in almost all sections of the country. It is dwarf, branching, remarkably fine flavor, crisp and tender, and far superior to the tall growing varieties. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

Henderson's New Celery, White Plume. This new and distinct variety will simplify the culture of Celery, so that the most inexperienced can grow it for the table with the same facility as they can Lettuce. The stalk, inner leaves

and heart are naturally white, so that by closing the stalks, by tying or pressing the soil against the plant, so as to keep the soil against the Celery in place, the work of blanching is completed. The advantage of this over other sorts is evident. Its eating qualities are equal to the very best of the older sorts, being crisp, solid and of a pleasing nutty flavor, while its white, feather-like foliage places it ahead of all others as a table ornament. Pkt. 50c.

CUCUMBER.



Peerless. A valuable improvement on the white spine; fine; perfect form; crisp; very productive. For early market or family use it is much valued. Pkt. 5c; oz. 30c; ¼ lb. 60c.

CORN.



Early Marblehead. The earliest variety yet introduced. It has proved a week earlier than Minnesota, and tested beside six other varieties on my own grounds, proved 5 to 10 days earlier. Is of good market size and very sweet. All marketmen will be pleased with this variety and should not fail to try it. Pkt. 10c; qt. 20c; pk. \$1.25

Squantum. This new variety is becoming very popular in New England. Noted for its sweetness and great yield. Ripening with Moore's Concord. Ears of same size. Pkt. 10c; oz. 30.

Ne Plus Ultra. Ears medium size, producing 3 to 4 on one stalk; very sweet. Pkt. 10c; qt. 30c.

CORN FOR FIELD CULTURE.

Lindsay's Ensilage. (New.) The tallest variety of corn for Ensilage. See page 65.

EARLY MARBLEHEAD.

CAULIFLOWER.

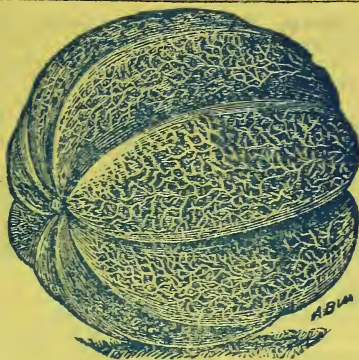
Early Snowball. Very early and very reliable for heading, besides being very dwarf in its habits of growth, and with short outer leaves, thus allowing planting 20 inches apart each way. (True.) Pkt. 25c; oz. \$5.

DANDELION.

New Large Leaved. Leaves are fully double the size of the common dandelion. It is a great advance over the old variety. Pkt. 10c; oz. 50c; ¼ lb. \$1.40.

MELON, MUSK.

Montreal Improved Green Nutmeg. Exceedingly popular in northern latitudes with marketmen. Nearly round, growing to a large size



of about 15 pounds each; very thick flesh of fine flavor. Very attractive in market. Pkt. 10c; oz. 20c; ¼ lb. 60c.

Golden Gem. This valuable new Cantaloupe, is pronounced by all who have tried it the best ever grown; nearly round. Their great productiveness, earliness, and superior quality, make them the most profitable variety in cultivation. Pkt. 10c; oz. 25c.

Emerald. A new English variety, much prized for a family and market melon; surface delicate cream; orange scarlet flesh; excellent in all respects, growing to a large size. Pkt. 25c.

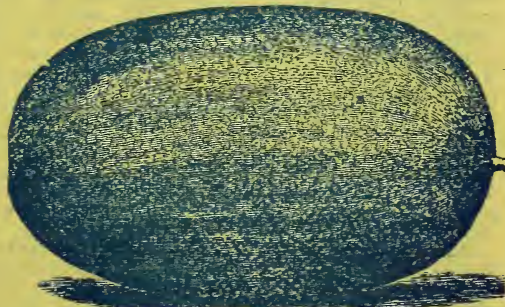
Orange. Of delicate flavor, finely netted; excellent and very attractive; this new melon has won several first prizes. Pkt. 15c.

MELON, WATER.



CUBAN QUEEN.

Cuban Queen. I offer this new Melon to my customers as being the largest and finest variety ever introduced. The skin is beautifully striped dark and light green. The vines are strong, healthy and vigorous in growth; flesh bright red, remarkably solid, peculiarly luscious, crisp and sugary, and its delicious flavor is unsurpassed. It is an excellent keeper, and although the rind is unusually thin bears transit well. Pkt. 5c; oz; 10.



THE BOSS. (True.)

The Boss. This is without doubt one of the finest watermelons yet introduced. Perfect in shape, color and size; flavor unsurpassed; flesh deep scarlet; ripens early and is enormously productive. The Rural New Yorker claims it best among 20 new varieties tested last year. Seed direct from the introducer. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

Scaly Bark. A new melon of much promise. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

Vick's Early. Of medium size, oblong and smooth; highly prized for its earliness; flesh bright pink, sweet and solid. Pkt. 5c; oz. 10c; 1-4 lb. 30c; lb. \$1.

Iceing, or Ice Rind. One of the best melons; solid, always of good flavor, skin very thin, oblong in shape, good size and very prolific; exceedingly popular. Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.10.



ONION.

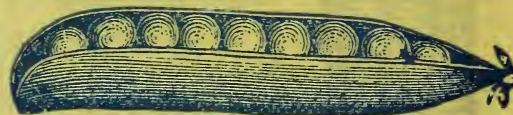
Improved Yellow Globe Danvers. (True.) This seed was grown especially for my trade in the great onion district of Massachusetts, from selected hand picked onions, by one of the best and most noted onion growers in the state, who gives onion culture his entire attention to improve its form and yield. My stock is pure; none better can be had. The illustration represents its true form. This is the most profitable variety to grow, yielding from six to eleven hundred bushels per acre; very early. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25. 5 pound lots, \$5.

PEAS.

Excelsior. Another season's trial proves this Pea to rank first among the early smooth varieties for marketmen or family use as a well-tried standard sort. Several gardeners who gave it a trial last season in this section, all speak very highly in its favor as an early, productive Pea, and the best early market Pea in cultivation. Planted on my own ground beside six other varieties claimed to be as early this proved five to ten days earlier, and a week earlier than American Wonder. Larger, longer and more pods, better filled out, and more peas in a pod than other smooth sorts. For a productive, early Pea for marketmen or private family, none can be found equal to it. Grows from twenty to twenty-four inches high, and requires no bushing. It produced last year on one measured acre of ground 250 bushels of green pods. Pkt. 10c; qt. 30c; pk. \$2; bu. \$7.75.

American Wonder. The earliest wrinkled Pea in cultivation. For productiveness and flavor it is unsurpassed. It grows ten to fifteen inches high; robust habit, and vines covered with a profusion of pods. This stock I procured direct from

the originator, and grew nearly an acre for seed last year, and should give earlier results than New York grown seed. Pkt. 10c; qt. 30c; pk. \$2.25; bu. \$8.



EXCELSIOR.

New Perpetual. This new and highly prized variety, first introduced this season, enters a new field in the Pea family, and is likely to become the main late variety for family use; no doubt an excellent market variety. Its habit of both branching and maturing for the table just after Rival and continuing to grow and produce new pods till frosts appear, renders it a valuable variety. It grows about 3 feet high and continues in bearing until October, yielding immense crops of large peas of the finest flavor; season medium to very late; on account of its branching habit, they should be thinned to about 12 inches apart and sow in rows $2\frac{1}{2}$ feet apart. Pkt. 25 cents.

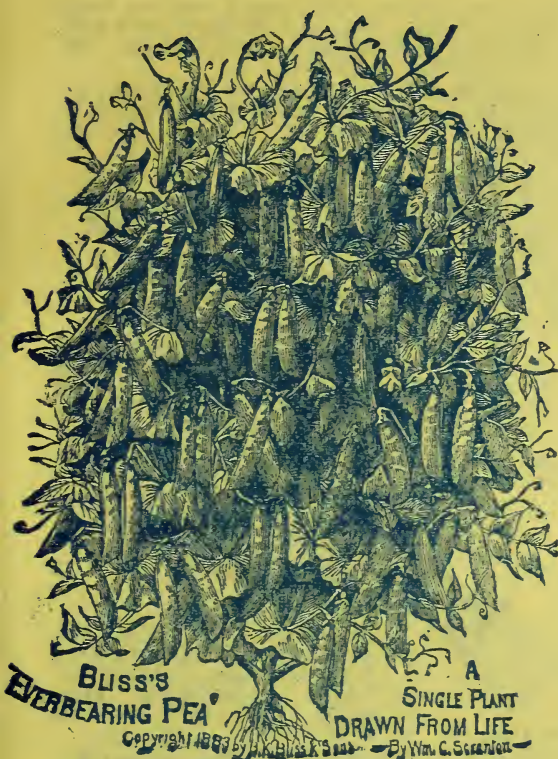
Day's Early Sunrise. A very large, early Pea; strong, robust and productive; growing 20 inches high; maturing for the table about with American Wonder. I consider this one of the very best family Peas; large and of very fine flavor. Pkt. 10c; qt. 25c; pk. \$1.65c; bu. \$5.50.

Abundance. A new branching variety; 15 inches high; wrinkled; of good flavor. Pkt. 25c.

Emperor. (New.) Considered the most prolific wrinkled marrow yet introduced. Pods and peas large; of fine flavor; branching habit, producing three to five branches close to the ground, and again branching eighteen inches higher. Pkt. 20 cents.

Rival. A new, branching, wrinkled Pea; robust and very prolific; rich flavored; growing two feet high; fine pods, 7 to 9 peas in a pod. Pkt. 20c.

Earliest of All. (True.) The earliest blue marrow. 2 feet. Pkt. 10c; qt. 30c; pk. \$2.



Bliss's Everbearing. This new variety is said to be of much promise as a branching everbearing late variety, a want heretofore needed in the list of Peas, growing 18 inches high. A wrinkled variety, sweet and productive. Pkt. 25 cents.

Telephone. (See cut page 70.) I have tested this Pea for two years, and think it the very best medium late Pea in cultivation. It ripens just after Advancer, yielding immense crops of very large pods, with unusually large wrinkled peas, 10 to 12 in a pod, while its superior quality ranks among the very highest in the Pea family. For family, market, or exhibition, it will rank first. Pkt. 15c; qt. 50c; ½ pk. \$1.75; pk. \$3.35.

Stratagem. (New.) For a high-flavored, first-class variety to ripen just before Advancer, it will be much esteemed. For the best table or the people's market, it is a Pea for everybody; dwarf, hardy, and very prolific; fine shape, well filled with very handsome large Peas. An excellent variety to follow Little Gem or American Wonder. Pkt. 15c; pint, 30c; ½ pk. \$1.75; pk. \$3.25.

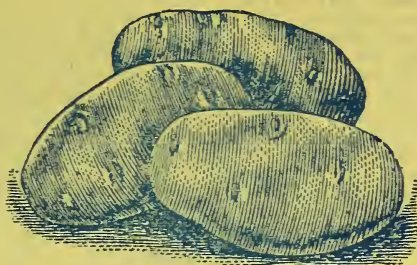
Wm. Hurst. Ripens with American Wonder, growing six inches higher; equally as good flavored, and more productive; is likely to take the place of that fine variety on account of yield and earliness. Pkt. 15c; qt. 50.

Express. A new, French, very early variety, of high praise. Pkt. 15c.

Pride of the Market. A very popular, new, English Pea, 18 inches high, which has won many first-class prizes. Pkt. 15c; pint, 25c; qt. 50c.

PARSLEY.

New Perpetual. Will stand a long time in mild winters, and farther south will stand three years without running to seed; very early, and of much value. Pkt. 15c.



NEW POTATOES.

See description page 71 and 72.

Early Mayflower.

Early Sunrise.

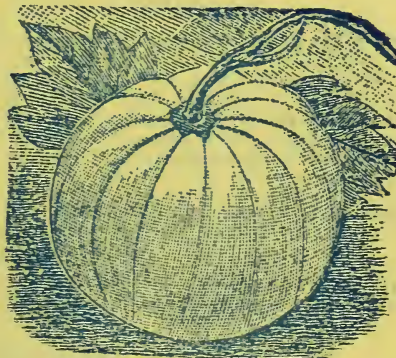
Dakota Red. \$700 in cash prizes see page 80.

Vick's Extra Early.

Early Maine.

Pearl of Savoy.

Vanguard.



SQUASH.

Perfect Gem. Habit and growth like the Coconut, yielding two dozen squashes on one vine. They are about six inches in diameter, straw color, thin skin, flesh dry and very fine grained; ripens with Hubbard, and keeps well in winter. Pkt. 10c; oz. 20c; 1-4 lb. 60c; lb. \$2.



ESSEX HYBRID.

Essex Hybrid. This is a new and very excellent variety. It is not only one of the richest flavored, finest grained and sweetest of the Squash family, but one of the very best keepers we know of; the flesh is very thick, rich colored and solid; it is also one of the most productive Squashes ever introduced, yielding even better than the Marrow. On a vine about 3 1-4 feet long, 3 Squashes weighing collectively 39 pounds have been counted, all about the same size and well ripened. Being earlier than any other variety, it can be planted later in the season, or as a second crop. Pkt. 10c; oz. 20c; 1 1/4 lb. 40c; lb. \$1.75.

TURNIP.



Extra Early Munich. This occupies the place among Turnips that the Egyptian beet does in its class, being ten days to two weeks earlier than the purple Top Strap Leaf; flesh white, good size, excellent flavor. Pkt. 5c; oz. 10c; 1-4 lb. 30c; lb. 80c.

TOMATO.

Essex Hybrid. This variety is receiving much praise wherever tried; smooth, solid, fine color, splendid for market or home use. Pkt. 10c; oz. 35c; 1-4 lb. \$1. Seed saved from select specimens.

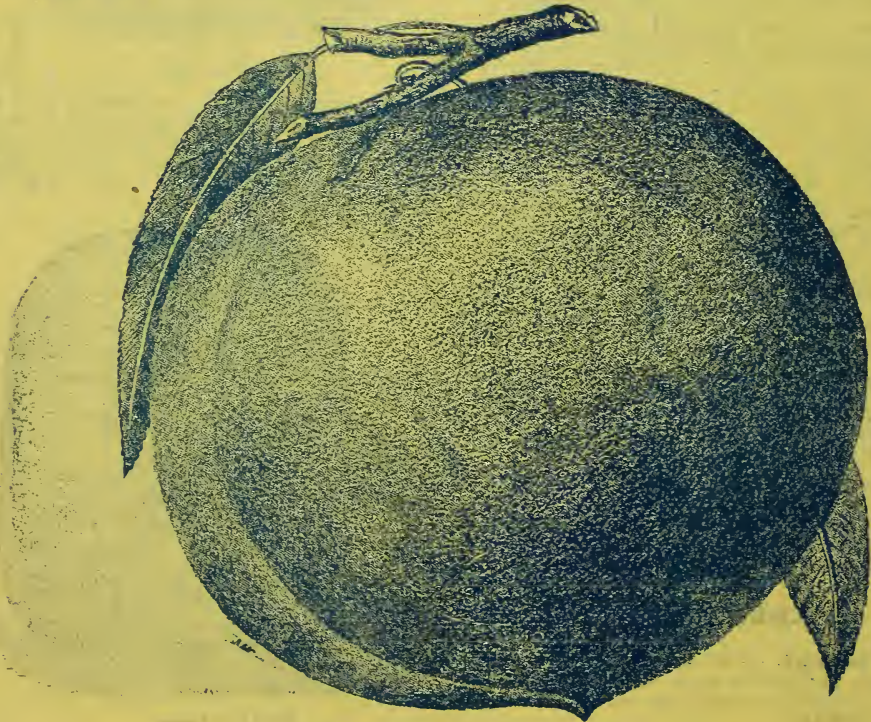
Livingstone's Favorite. This new Tomato is the largest and most perfect shaped variety yet introduced; very smooth, does not crack or rot,

LETTUCE.

New Perpetual. Forms a compact mass of leaves 20 inches across, remaining tender over four months from sowing; considered the best flavored lettuce grown. Pkt. 10c; oz. 40c.

NEW PUMPKIN.

Golden Marrow. The very best pie pumpkin, of a rich orange yellow, of the finest flavor; tender, and keeps longer than most other varieties. Pkt. 10c; oz. 20c.



AMSDEN PEACH. See page 87.

color fine dark red, ripens evenly and very early, holding its size to the end of the season; very solid, few seeds, fine flavor, and a splendid shipper. Pkt. 10c; 1/2 oz. 30c; oz. 50c.

Cardinal. A very handsome new variety, noted for its round, smooth form; solid, few seed only; ripens uniformly; of a cardinal color. Pkt. 25c; of thirty seeds.

ELASTIC PLANT SPRINKLER.

One of the most useful articles for



sprinkling foliage of plants, bouquets, etc. It is made of rubber, with a flat bottom and brass perforated detachable top. Price, \$1.25.



GREENHOUSE BEDDING PLANT DEPARTMENT.

GENERAL COLLECTION.

ABUTILON.

Sometimes called "Flowering Maple." A hard wooded shrub for the green house or bedding out in summer. The flowers are bell-shape and drooping, ranging in colors of white, crimson, yellow and scarlet; blooming continually the whole year. Are healthy, clean and free growing. Price, 25 cents; \$2 per dozen.

Thompsonii. Variegated foliage; leaf bright green, mottled yellow.

Boule de Neige. White flowering; a free bloomer.

Darwinii. Orange Scarlet.

John Hopkins. Bright canary yellow; large.

Mesopotamicum. Variegated, drooping habit, flowers orange scarlet; foliage variegated.

ACHYRANTHES.

Bright-leaved plants, admirably adapted for ribbon beds and massing, holding their bright tints until destroyed by frost. 15 cents each; \$1.50 per doz.

Burea Reticulata. Green leaves marked with yellow.

Gilsonii. Leaves carmine; stems pink.

Lendenii. Deep, blood-red, changing to crimson.

Emersonii. Larger and lighter shade than Lendenii.

AGAVE, or VARIEGATED CENTURY PLANT.

They are excellent for vase plants, and when large make striking ornaments for a lawn. They can be wintered over in a cellar or under the stage of the green house; keep them a little dry. Small plants 25 cents each; large size 35, 50 and 75 cents.

AGERATUM.

Old garden favorites, blooming continually through the summer months; of the easiest culture. 15 and 20 cents each; \$1.50 per doz.

Blanche. Pure white; a continual bloomer in summer and winter.

John Douglass. Very dwarf, compact, blue flowers.

Tom Thumb, white. Six inches high; flowers bluish white.

" " **Blue.** Flowers beautiful porcelain blue.

Mexicanum. Fifteen inches; flowers light blue.

" **Variegated.** Leaves green and white; flowers blue; a fine bloomer.

ALTERNANTHERA.

Plants with beautiful variegated foliage, growing about twelve inches in diameter and six inches in height, used principally for ribbon lines, borders, etc.; the leaves are tinted, bordered, blotched, margined and variegated in almost every conceivable form, with the brightest colors; bright carmine and crimson tints prevailing. 15 cents each; \$1 to \$1.50 per doz.; small size for bedding, \$6 per hundred.

Amoena. Leaves, yellow, brown and rose.

Latifolia. Broad, autumn-tinted leaves.

Magnifica. Large yellow, scarlet and green.

Parychoides. Leaves green, crimson and straw-color.

Spathulata. Carmine and green.

Aurea. New golden yellow.

Versicolor. Leaves rose and crimson. Set of 6 sorts \$1.

ALYSSUM.—Sweet.

A continual bloomer for the house or out of doors, both winter and summer. The double varieties are of recent introduction, and highly prized for their flowers, which they produce as freely as the single.

Double Variegated. The foliage is more distinctly marked with white than the single, making it more valuable for baskets, vases, etc. Price 15 cents each; \$1.50 per doz.

Double White. Similar to the common variety, but the flowers being double make it more valuable for cut flowers. 15 cents each; \$1.50 per dozen.

Variegated. Valuable and very useful; is extensively used for ribbon lines, making one of the very best for massing, giving a fine contrast with the foliage. It is also valuable for baskets, blooming freely in winter. Price 15 cents each; \$1.50 per dozen; \$6 to \$8 per hundred.

AZALEA.

My collection comprises a list of the best old and new varieties. No plant is better adapted for the greenhouse or parlor; giving profusion of bloom during the winter and spring months. Blooming plants 25 cents each; large plants, 35, 50, 75 cents and \$1 each.

The following are selected as among the best for all purposes.



AZALEA.

Six Single.**Blanchard.** Medium size, pure white.**Bunctulata.** Creamy white, striped and spotted red.**Jean Vervane.** Rosy pink, blotched crimson.**John G. Veitch.** Rosy lilac, beautifully varied.**Daphne.** Large, white striped, pink frilled.**La Victorie.** Light orange red, spotted crimson.**Six Double.****Borsig.** Fine double white; a good forcing variety.**Rachel Von Varnhagen.** Bright rose, well formed; upper petals spotted saffron. double.**Mdm. I. Lefebvre.** Dark orange red; double.**Sou de Prince Albert.** White and rose; large and broad; double.**Pauline Mardner.** Light rose, good form and distinct; double.**Bern Andre.** Violet crimson; large and showy.**AMARYLLIS.****Vittata and Johnsonii.**

Bulbs with large, drooping, bell-shaped, lily-like flowers, varying in color from the richest crimson to pure white striped with crimson or scarlet. Are of easy culture, and a very little management will secure a succession of bloom throughout the year.

Atamasco. Pink and white, changeable. 25 cents each.**Formosissima.** (Jacobean Lily.) Velvety crimson. 25 cents.**Bella Donna.** (Bella Donna Lily.) White, flushed with rosy purple. 50 cents.**Longiflora, Alba and Rosea.** Fine. 50c.**Vittata.** Hybrids, red ground striped with white; extra fine. 60 cents.

Vallota Purpurea. A beautiful and desirable plant, having large, scarlet, lily-like flowers, produced in clusters which remain a long time in perfection. Large bulbs of this, if kept growing, will flower several times in the year. As easily cultivated as the Calla. Price, 25 and 50 cents each.



DOUBLE BOUVDARIA.

BOUVDARIA.

For winter blooming their equal cannot be found. They bloom in August and continue until cold weather; if lifted before frost, will bloom until March. 25 cents each; \$2.50 per dozen, unless noted.

Elegans. Bright carmine.**Hendersonii.** Pure white; trusses large.**Hogarth.** Large, rich crimson.**Leiantha.** Dark, dazzling scarlet.**Lady Hyslop.** Light rose color.**Bridal Wreath.** Delicate blush white.**Rosea Multiflora.** Fine rose, and very free to bloom. 25 cents.

Double White, Alfred Neuner. Large, double white flowers, composed of three perfect rows of petals of the purest waxy white; the trusses are large and perfect, producing freely on the side shoots. A strong, healthy, vigorous grower. Very valuable for all bouquet makers. 25 cents each; \$2.50 per dozen.

Double Pink, President Garfield. Similar to Double White in every respect except color, which is a fine rose. Price 25 cents each.

New Double Scarlet, T. Meehan. (See novelties.) Price, \$1.25.



TUBEROUS ROOTED BEGONIA.

BEGONIA.—Tuberous Rooted.

Are prized for the summer and autumn decoration of greenhouses and conservatories. They produce in profusion magnificent flowers of a very large size, with great variety of colors, comprising all the different shades of red, carmine, scarlet, white, yellow, salmon, pink, etc. The Tubers rest during the winter, similar to Gloxinias, and can easily be re-started into new growth in the spring. Good bulbs of mixed colors, 30 cents each. In extra fine mixtures from named varieties, 50 cents each.



BEGONIA REX.

BEGONIA REX.—Ornamental Leaved.

The leaves are large, variegated and mingled with a peculiar silvery and metallic gloss. Are used as pot plants or in wardian cases, ferneries, hanging baskets and stands. I have a large stock and fine variety of this beautiful foliage plant, and can furnish florists at lowest rates in quantities comprising six best varieties. Price, 20 cents each; \$2 per dozen.

BEGONIA.

Useful greenhouse plants, used for planting out in the garden, or for hanging baskets, or for pot plants in the house, blooming profusely during the summer and winter months. 15 to 25 cents each. \$1.50 and \$2 per dozen.

Alba. Flowers pure white; free bloomers.

Argyrostigma Veitchii. Flowers pink, leaves spotted red and white.

Fuchsoides Alba. Flowers pure white; finest winter sort.

Hybrida Multiflora. Small ornamental leaves; rosy pink flowers.

Nitida. Flowers light flesh color.

Parnelli. Leaves spotted silvery white.

Sandersonii. Bright scarlet crimson.

Subpeltata Nigricans. Large ornamental leaves; flowers produced very freely.

Weltoniensis. Flowers rich shade of pink.

Alba. Flowers white.

Will furnish 12 varieties my choice, strong blooming plants for \$2; 6 for \$1; small size, 12 sorts for \$1.50; 6 sorts for 75 cents.

CARNATIONS.—Monthly.

For the flower garden in summer, the greenhouse or parlor in winter, the Carnation is unequalled; the varieties with florists are very numerous, of nearly every shade of marking, and most of them exceedingly fragrant. As a winter bloomer for profit or pleasure, the Carnation excels all other plants; the flowers are of such a nature as to stand long exposure either for shipping or when made into bouquets. Its beautiful colors, exquisite clove fragrance and abundance of bloom rate it by all florists and bouquet makers among the first class flowers, having always a ready demand in market, together with its hardy nature, renders it one of the best winter blooming plants for commercial florists, amateur or window gardens. With some

their culture is not successful in the window garden, the cause is usually by keeping them too dry, which encourages the red spider, causing buds to blast for want of proper nourishment and moisture, and often destroys the plant. A remedy is to sprinkle with water two or three times a week, both upper and lower sides of the leaves, and never allow the soil to get dry. They can be as easily grown as geraniums when you once understand their nature. When set in the open ground, cut them well back; they will soon show new growth and bloom during the summer, and when lifted from the open ground, will produce flowers for several months in the winter. The following are good winter blooming sorts which I can supply in quantities, growing them, as I do, for winter extensively. Price, 20 cents each; \$2 per dozen. Small size, 12 cents each; \$1.25 per dozen; \$6 per 100. Adding 50 cents per 100 when sent by mail. Will send three varieties by mail, *my choice of varieties*, for 30 cents; 6 for 50 cents; 12 for \$1. Large plants in 5 and 6 inch pots, 35 cents each; \$3 per dozen.



SEA FOAM.

- ***Astoria.** Yellow, striped carmine and white.
- ***Boule de Neige.** White, deeply fringed; fragrant and profuse bloomer.
- ***Crimson King.** Exceedingly double, of a beautiful velvet maroon.
- ***De Fontana.** Yellow flecked rose. A free bloomer; one of the best of its color.
- ***Grace Wilder.** Delicate pink; flowers large, fringed, clove-scented; blooms very freely; a most prolific variety of its color.
- ***Peter Henderson.** Fine pure white.
- ***Peerless.** Large pure white; largely forced as a winter bloomer.
- ***President Degraw.** Pure white; finely fringed, fragrant and profuse bloomer.
- ***President McMahan.** Red, flaked maroon.
- ***La Purite.** Rosy pink; profuse, much prized for winter.
- ***Miss Joliffe.** A new color—a rich shade of blush; a delicate clove odor.
- ***Mrs. Wilson.** Large; bright scarlet.
- ***Mons. Gambetta.** Orange and crimson striped.

Mr. Smith. Exceedingly large, very sweet scented, white carnation; extensively forced for its flowers: strong growth and abundant bloom.

***Philadelphia.** Pure white, striped dark crimson.

***Sea Foam.** The finest white, surpassing any thing ever sent out in size of flower, purity of color, sweet perfume, vigorous growth and freedom of bloom. It was awarded a first-class certificate by N. Y. Horticultural Society.

Snowdon. Very dwarf, very large, pure white. Considered by some Boston florists an excellent winter bloomer.

***Variegata.** Carmine, striped blush; the best of its color.

Vesuvius. Rich dark scarlet; very large.

The above set of 10 varieties, marked *, comprise the best and most distinct colors. Price for the 10, \$1.20; large size, \$1.50.

NEW AND FANCY CARNATIONS.

In this collection will be found the most highly prized carnations now in cultivation, including the new, fancy, and others of recent introduction. They have been selected from large collections and have proved valuable for summer and winter blooming. Price, 20 cents each; \$2 per dozen except where noted. Price per 100 on application.

Chester Pride. A valuable winter bloomer; pure white, delicately penciled rosy carmine; one of the very best variegated carnations for winter or summer blooming. Large, perfect blooms, never known to blast. I have given it a test for three years and can recommend it to all a strong, vigorous and healthy grower.

Buttercup. Its color is deep, rich, canary yellow—as deep as any of our bright yellow roses. The first and only pure yellow Carnation ever offered. Its flowers are of good size, full double, from two to three inches in diameter. A fine and early bloomer; plant hardy and robust. 50c each.



Early White. This I consider the best Early White Carnation ever sent out; of strong growth; quite dwarf and compact, producing three to five flowers on each stem, of good size, pure white, which seldom bursts. I shall grow it largely for early fall and winter blooming the coming year.

Springfield. I consider this the most desirable Carnation of its color; fine, clear bright pink, deeply fringed, with strong clove fragrance, healthy, free grower, producing flowers freely, with long stems; never bursts; keeping its bright,

color the best of all pink carnations, much better than Grace Wilder, and should plant it in preference for winter blooming.



LADY EMMA.

Lady Emma. Without doubt the best scarlet Carnation yet well known for winter forcing; free bloomer, good color, fringed, and never bursts, with a good size flower; can be recommended for florists or house culture.



LYDIA.

Lydia. It is considered one of the most beautiful pinks, of robust and healthy growth, bearing flowers $2\frac{1}{2}$ to 3 inches in diameter; clove fragrance, intensely double, of a rich, rosy, orange color, blotched and flaked with carmine. 25 cts. each.



LORD CLYDE.

Lord Clyde. A strong grower, dwarf in habit; flowers double, never bursting, with strong clove fragrance; heavily notched and laced; color, white, thickly striped with carmine and a frequent blotch of maroon; very profuse bloomer, each stem bearing from five to eight florets.

Eureka. Novel, neat and compact; one foot high. Large perfect flower; creamy white; delicately edged and striped peachblow.

James A. Garfield. This is an excellent Carnation; strong, thrifty grower; color very bright deep scarlet, with large flowers; does not burst. Not quite as free to bloom as Lady Emma, but flowers larger and brighter, and should be in all collections.

Mrs. Garfield. A strong grower and free bloomer, never bursting. Color golden yellow, fringed, spotted and flaked with crimson; good size and double, and worthy of trial in all collections. A novelty of 1882. 25 cents.

Purple Gem. An entirely new color, being a royal purple; large, full and very double; plant of exceeding strong, healthy and luxuriant growth. 25 cents each.

Venus. Light, sulphur-yellow, with a faint stripe of rosy carmine. When grown out of doors it is a plain light yellow. Plants healthy and robust. 30 cents each.

Farragut. Deep purplish maroon striped with white; novel in color.

CACTII.

They are an interesting class on account of their curious growth, the flowers comprising many shades of pink, scarlet, white, yellow, resembling the finest silk.

Epiphyllum truncatum (Lobster Cactus,) winter-blooming, 25 cents.

Grandiflorus or Night-blooming Cereus, 25 cents.

Aloe. Green leaves, dotted white, 35 and 50 cts.

Sword Cactus. Long, rather broad leaves, with rich scarlet flowers, 25 cents.

Several other varieties from 25 to 50 cents.

CAMELLIA JAPONICA.



A shrub extensively grown as a house-plant; with thick, bright, glossy foliage, producing in the most beautiful and perfect form white, pink and variegated flowers in winter among the whole class of tender shrubs.

Alba Plena. Double white. Small plants, by mail or express, 50 cents each; large plants, 75 cents to \$1 each. PINK OR

VARIEGATED, small plants, 50 cents each; large plants, 75 cents to \$1 each. (See cut.)

CENTAUREA.

Extensively used for bedding out in ribbon lines with coleus and other dark leaved foliage plants, and much used for vases, urns and hanging baskets.

Gymnocarpa. Silvery white, drooping, fern-like leaves. 15 to 25 cents each; \$1.50 to \$2 per dozen; \$8 and \$12 per 100.

Candida. Leaves broad, downy white, forming a neat, compact bush. 25 cents; \$2.50 per dozen.

Centaurea Clementi. A robust growing variety, forming a round mass of silvery white leaves. 25 cents.

Special rates to parties in quantities for bedding.

CINERARIA MARITIMA.

White foliage plant, commonly known as "Dusty Miller," is used for hanging-baskets, ribbon lines, massing, etc. 15 to 20 cents each.

CALCEOLARIAS.—Herbaceous.

Hybrida Superba. An exceedingly fine strain marbled and spotted in all shades of yellow, maroon, rose, white and crimson. Covered in spring with masses of pocket-like flowers. 25 cents.

CALCEOLARIAS.—Shrubby.

The spotting, shading and marbling of these new strains of the shrubby Calceolarias is now equal to the large-flowered. Four varieties, 25c each.

CINERARIA HYBRIDA.

The winter or spring flowering species of hybrids, among the most gorgeous of our plants, colors range through all shades of blue, violet, crimson, pink, maroon and white; blooming profusely during the winter and spring; much valued as decorating plants. Price, New Hybrid, Dwarf, 25 cents each.

COLEUS.

For specimen plants for the conservatory or arranged in line for ribbon beds or massing, few plants can equal them. Great improvement has been made in the varieties during the past three years; their foliage now embraces every color imaginable from pure white to black. The varieties have been selected from large collections as the best and most distinct. Price 15 cents each; \$1.50 per dozen; \$6 to \$8 per 100, for the best bedding varieties. The best varieties for bedding are printed in capital letters.



COLEUS.

AUREA MARGINATA. Rich velvety crimson, yellow margin.

Cloth of Gold. Yellowish bronze leaf.

GLORY OF AUTUMN. Yellow, ground spotted red and maroon.

HERO. Deep blackish maroon.

Illuminator. Yellow, veined with crimson, bright green margin.

KIRKPATRICK. Large leaved, blotched in the center, as represented in above cut.

Marvelous. Deep reddish maroon.

Mrs. Wm. Barr. Centre bright rose, edged green and brown.

Oriole. Yellow and green, marked with various tints of carmine, crimson and chocolate.

PINE APPLE BEAUTY. Dark, claret crimson, yellow edged; fine.

Superbissima. Very dark maroon with a brilliant purple center.

SPOTTED GEM. Yellow ground regularly blotched crimson, green and orange; one of the best.

Sensation. Chocolate maroon, on dark green ground.

VERSCHAFFELTII. Rich velvety crimson.

Golden Bedder. A first class novelty having a bright golden yellow foliage, which stands the sun well. 20 cents.

Golden Border. Bright golden yellow with small green spot in center changing to yellow in the sun; the finest yellow Coleus.

Nonpareil. Immense large foliage with bright crimson centre, narrow band of light green on the centre.

Spring Grove. The centre of rich crimson almost changing to a scarlet, and bordered with bright green and golden yellow. This is the purest colored Coleus we have yet seen.

Sylph. Edged yellow, veins and center marked with bright crimson.

Unique. Deeply cut leaves, light yellow centre, edged with bright green; marbled and marked with crimson and maroon.

Progress. A mixture of rose, yellow, carmine and green. Serrated leaves. 25 cents.

Old Gold. Leaves blotched crimson maroon, yellow and green.

New varieties see novelties.

CALLA.

A well-known Egyptian Lily. Its large white flowers, which are produced in winter, make it one of the most valuable for winter flowering plants. 25 to 50 cents each.

CALLA RICHARDIA ALBA MACULATA.

Belonging to the same order as the Calla, with beautifully spotted leaves. It flowers during the summer, in pots or planted out in the open border. The flowers are shaped like those of the Calla, and are pure white. It is a deciduous plant, kept dry in winter, and started in the spring like a Dahlia. Large bulbs 50 cents each; smaller, 30 cents each.

Calla Richardia Hestata or Yellow Calla. See Novelties.



COBCEA SCANDENS.

COBCEA SCANDENS.

One of our best climbing plants, being of remarkably rapid growth, producing abundantly large bell-shaped flowers in great profusion. As a summer climbing plant for trellis or veranda, or to train in green house or conservatory in winter, it ranks first. Price, 25 cents.

Variegata. Green, variegated yellow and white leaves; grows rapid and produces flowers quite freely. 35 cents each.

CHRYSANTHEMUMS.

For the past four years they have been one of the most popular flowers, being of easy culture, hardy, and free growth, not subject to disease, blooming as they do in autumn when other flowers are scarce, ranging in colors of all shades of red, yellow, white, brown, pink, etc. They are one of the most valuable plants for blooming in the house or conservatory in autumn. The best time to purchase is in the spring, as they are rather large to send out in the fall. I mention below some of the best varieties I have tested for contrast of bloom. Price small plants, 15 cents each; \$1.50 per dozen; large plants, 25 cents each; \$2.50 per dozen.

Empress of India. Flowers very large, 3 to 4 inches diameter: pure white fringed, blooming in clusters.

Grandiflora. Large yellow.

Golden Crested. Deep orange yellow, tipped carmine.

La France. White tipped fringed blush.

Magnum Bonum. Dark pink.

Model of Perfection. Bright deep pink, tipped white; so double nearly resembles a ball.

Mrs. Aristotle. Bright yellow.

Mrs. Campbell. White with light yellow centre.

Queen of Lilac. White and lilac.

Snowball. The best white, of medium size; very double.

Robert Keft. Small, deep crimson red.

Parasol. Crimson maroon, yellow eye.

CANNAS.

A very desirable and showy class of plants with immense and finely variegated foliage, growing to the height of four to six feet, and terminating with fine spikes of yellow, orange or scarlet flowers. They are unequalled for garden or lawn decorations where large masses or groups are required, giving a tropical appearance. 25 cents each; \$2 per dozen. Bulbs, 15 cents each.



CYCLAMEN.

CYCLAMEN.

They are well adapted for house culture and give a great many flowers for little care. Place the bulb in soil, just above the surface, in a four or five inch pot; keep the plants a little cool until leaves

are well-formed; when flower-buds appear, give it a sunny window, where it will soon show flowers. My strain of Cyclamen is among the very finest; remarkable for large size, form and brilliant colors; they are fine ornamental leaves, mottled with light and dark green; producing flowers during the winter in great profusion. Many improvements are yearly appearing in this class. Price, 25 cents each.

- Cyclamen Persicum Album.** White.
- “ “ **Rubrum.** Rose.
- “ “ **Emperor William.** Dark crimson; fine.
- “ “ **Mt. Blanc.** Pure white.
- “ “ **James Prize.** A new strain of recent introduction, with remarkably large flowers, 30 cts.
- “ **Gigantium.** Flowers much larger than C. Persicum, finer in every respect; of rich varied colors. 20c.
- “ **Rosy Morn.** Bright delicate rose. 35 cents each.



CALADIUM ESCULENTUM.

CALADIUM ESCULENTUM.

One of the most beautiful and striking of the ornamental foliage plants. It will grow in any garden soil, and is of the easiest culture. When of full size it stands about five feet high; immense leaves, often measuring three feet in length and two in breadth, very smooth, of light green color, beautifully veined and variegated with dark green. 25 and 50 cents each. (See cut.)

CUPHEA PLATYCENTRA (Cigar Plant.)

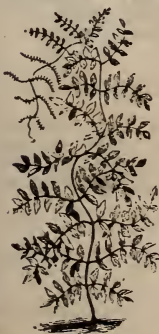
The tube of the flower is scarlet, with the end part white and crimson, having somewhat the appearance of a miniature lighted cigar. 15 to 25 cents each; \$1.50 to \$2 per dozen.

CAMPSIDIUM FILICIFOLIUM.

An elegant climber, of rapid growth for greenhouse culture, the leaves of which much resemble the fronds of a fern in miniature, giving it an unusually graceful appearance. It may be grown as a pot plant, or trained to the rafters. Very desirable. 25 cents each. (See Cut.)

DAPHNE ODORATA.

A plant no greenhouse collection should be without. It is ever-green, growing three feet high, bearing clusters of small pinkish-white flowers, extremely



CAMPSIDIUM. fragrant. 25 to 50 cents each.



DAHLIA.

en. Strong roots, 20 cents each; \$2 per dozen.

DAHLIA.

Its form cannot be improved, and its colors are beautiful and magnificent. The Dahlia succeeds best in a strong, loamy soil. Plants should be set four feet apart. Only named plants will be furnished. Colors, white, scarlet, crimson, lilac, yellow, maroon, purple and variegated. Parties ordering will please name the color or colors desired. 15 cents each; \$1.50 per dozen.

DAISY.

Double White. The flowers are very double, pure white. An excellent plant for early spring planting, for cemeteries, etc. 15 cents each; \$1 to 1.50 per dozen.

Double Rose. Similar to above, being of a delicate rose color. 15 cents each.

Double Red. Of a very deep rose color. 15 cents each.

DRACÆNA (Dragon Tree.)

Ornamental leaved plants, much used for vases, baskets, etc. Price, 50 cents each.

EUPATORIUMS.

Free winter blooming plants, having white flowers, which are largely used for bouquets, funeral flowers, etc. Three varieties, Elegans, Riparum and Augustifolium. 15 to 20 cents each.

EUPHORBIA SPLENDENS.

A continuous blooming variety, densely covered with spines an inch in length of bright scarlet flowers with a yellow centre. 50 cents each.

EUONYMUS RADICANS VARIEGATUS.

Hardy; small, glossy pea-green leaves, deeply margined with creamy white; well fitted for baskets and vases; growing equally well under trees in the shade. 25 cents each.

EULALIA JAPONICA VAR.

Older variety than the Eulalia Japonica Zebrina. (See Novelties.) Leaves striped white and green, longitudinally. Next to the Zebrina, the most ornamental of all hardy classes. The flower spikes of both are valuable for parlor ornaments; will keep for years. 50 cents each.

ERYTHRINA. (Coral Tree.)

A half hardy shrub, growing about four feet high, with spikes of scarlet, pea-shaped flowers. Plant in a warm situation, and treat same as Dahlias. 30 cents each.

ECHEVERIA.

Used for decorative purposes as pot plants, and extensively used for carpet beds. Some of the most beautiful beds America produces are at Forest Hill, Boston, also at Baker's and Hunnewell's of Wellesley, Mass., being formed almost exclusively of these plants. No one can form any idea how beautiful and effective such beds can be made with the different varieties of their metallic hues, richly contrasting with the Alternantheras. They thrive best if planted in a dry situation, growing where most other plants would fail. 15 and 25 cents each; \$1.50 to \$2 per dozen; \$8 to \$12 per 100.



ECHEVERIA.



BED OF ECHEVERIA.



SNOW WHITE.

- Mrs. Cannell.** Double white corolla, sepals carmine.
- Mrs. S. M. Thomas.** Double purple corolla, sepals dark carmine.
- Puritana.** Corolla double white, sepals dark crimson.
- Snow White.** Double White.
- Royal Osborne.** Fine tube and sepals of pearly white, corolla rose amaranth.
- Single Varieties.**
- Brilliant.** Corolla bright scarlet, sepals white.
- Charming.** Light purple corolla, sepals deep crimson; strong grower.
- Earl of Beaconfield.** Flowers freely produced in spring, sepals rose, corolla deep carmine.

FUCHSIAS.

The Fuchsia is much used for bedding in places partially shaded from the noonday sun, where it thrives luxuriantly. In a collection of house plants it certainly deserves a prominent place, where its graceful and beautiful form and delicate coloring are always admired, and is a favorite with all. If you wish to preserve for the winter, place in a 6 or 8 inch pot, plunge in the ground in the spring, two inches below the rim, in a shaded place. Just before frost remove to the house where it will also bloom freely in winter. I have selected the following list, which are adapted to nearly all purposes; many of them new and improved varieties. Price 25 cents each; \$2 per dozen. Second size, 15 cents each, \$1.50 per dozen, except where noted.

Double Varieties.

- Emperor of Brazil.** Corolla violet, flaked with rose, sepals scarlet crimson.
- Elm City.** Corolla double, dark purple, striped with scarlet, sepals scarlet crimson; one of the best varieties grown.
- Day Dream.** Corolla maroon, sepals crimson.
- Miss Lucy Finnis.** Corolla double white, tube and sepals carmine.

- Mrs. J. Lye.** Free bloomer, strong grower; one of the best.
- Mrs. Bennett.** Corolla white, sepals crimson.
- Mrs. Marshall.** Corolla white, sepals carmine, early and abundant bloomer; one of the very best.
- President McMahon.** Corolla purplish bronze, sepals greenish yellow.
- Rose of Castile.** Corolla violet, sepals white; one of the best.
- Speciosa.** Corolla scarlet, sepals blush; the best winter bloomer.
- Sunray.** The best red variegated leaved variety ever sent out.
- Swanley.** Good habit, free bloomer, sepals scarlet, corolla rose.

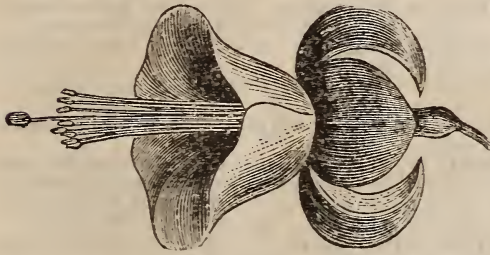
Try Me O! One of the best for any purpose; corolla purple, sepals carmine.

Wave of Life. Purple corolla, sepals carmine; early, exceedingly free bloomer, yellow foliage; one of the best.

Striped Banner. Sepals carmine, corolla striped purple and scarlet; attractive.

NEW FUCHSIAS of 1882.

This collection is a valuable addition to our list of Fuchsias, being good growers, fine habit, new and quite distinct in colors, and free to bloom. Price, 20 cents each; the set of 6 for \$1.



Depute Burelet. Flowers large and very double; corolla violet, with metallic shadings; tube and sepals bright red.

Gracelux. Flowers large and single; tube and sepals light red; corolla lavender-blue; habit dwarf and compact; early and free flowering.

Jules Ferry. A very fine large double flower; good habit; free bloomer.

Joseph Bosain. Large scarlet tubes and sepals; corolla double, violet-blue, striped with carmine-scarlet.

New Mastodonte. Globular, single flowers; tube and sepals deep crimson, with a rich, violet-colored corolla, of immense size.

Pasquie. Strong, spreading habit; sepals light red; corolla, rosy-purple; very fine.

FICUS (India Rubber Tree.)

Elastica. Large, smooth, leathery leaves, six to eight inches long and about three inches broad. A native of India, and in its native home is grown for its gum for the manufacture of rubber; is cultivated as a green house plant, having a rich tropical appearance. 50 cents each.

FERNS.

Their gracefulness of foliage make them much valued as plants for vases, baskets or rock work, or as specimen plants for parlor or conservatory. My collection embraces most of the standard sorts, such as Adiantums, Asplenium, Peteris, Polypodium, etc. Price, 25c. each. Six choice Ferns, our selection of varieties, each named, for \$1.

LYGODIUM SCANDENS.

(Japanese Climbing Fern.)

A most graceful climbing plant growing from one to fifty feet, as desired. It is quite as easy of culture as smilax, and is often used for similar uses. Price 25 cents each.

FEVERFEW (Golden)

Used largely for massing or in ribbon planting and hanging baskets, having no merits as a flowering plant; leaves of a golden yellow color. The flower shoots should be nipped off when they appear. 15 to 25 cents each; \$1 to \$2 per dozen.

FEVERFEW—Common Double White.

Are hardy and bloom continually throughout the summer. 15 to 25 cents each; \$1 to \$2 per dozen.

GRASSES—Ornamental Leaved. Hardy.

Adapted for massing in flower beds, and some of them are among the most graceful plants that can be used for hanging baskets or vases. 25 to 50 cents each.



GLOXINA.

GLOXINA.

Are summer blooming bulbs for the house or conservatory; always greatly admired by all, and no lover of plants should be without one or more. They are among our best ornaments, blooming freely from May to September. Their rich velvety green foliage, graceful, delicate and rare tints of violet, rose, white, crimson and scarlet flowers, have gained for them prominent places among our very choicest plants. To grow Gloxinias well, give them a rich, porous soil, in a warm, moist atmosphere, shaded from the sun. When they are done blooming, dry them off gradually, and keep free from moisture until they begin to grow again in the spring. Avoid having the earth sodden around them, and wetting the leaves sometimes causes them to decay if much exposed to the sun. My collection embraces many hundred fine plants in special colors of the finest French and English seedlings, surpassing really many of the finest named varieties. Price 25 cents each; \$2.25 per dozen. Extra strong bulbs, 35 to 50 cents each.

ZONALE GERANIUMS.

It is truly wonderful to know the great improvement and number of varieties produced, embracing, as they do, great range of form and color, yearly adding to the number of new varieties, superior in most respects to the older ones. The foliage as well as the flower has been remarkably improved. As a house plant the Geranium is cultivated more than any other plant, and for bedding purposes the number nearly equals the Verbena. A bed of fine Scarlet Geraniums is dazzling to the eye from June till cut by frost; nothing more suitable and attractive on a lawn. Price 20 cents each; \$2 per dozen except where noted. Second size, 15 cents each; \$1.50 per dozen unless noted. Bedding geraniums \$8 to \$12 per 100.

My stock of geraniums will number nearly 12,000 plants, and parties wishing them in quantities will be supplied at a liberal discount. Write for special prices.

General Collection.

SINGLE SCARLET GERANIUMS.

- Anna Scott.** Rich deep crimson, shaded maroon; free; a grand bedder and will be an acquisition in line of color.
- Black Diamond.** Deepest crimson in immense trusses.
- Conference.** Enormous trusses of large, purple amaranth flowers, shaded with deep velvety red.
- Carigo.** Fine rosy-scarlet. See Novelties. 35c.
- Dr. John Denny.** Color a rich purplish-magenta, often having a decidedly bluish cast.
- Distinction.** The merit lies in its peculiar leaf markings, being encircled near the edge with a very narrow zone of deep black; fine compact grower.
- Gen. Grant.** Bright scarlet; fine bedder.
- Guinea.** Orange-yellow, having a much more decided flush of yellow than seen in Jealousy.
- Herald of Spring.** Orange-scarlet; a fine bedder.
- Jealousy.** A decidedly orange hue; free bloomer.
- Jessica.** Deep maroon-crimson, trusses large and globular, dwarf habit.
- Jean Sisley.** Most intense vivid scarlet, large white eye.
- King of Scarlet.** One of the best scarlet varieties for bedding out, throwing up large heads of immense scarlet flowers, and is an abundant bloomer.
- Lord Macaulay.** Deep brilliant crimson, white eye, large trusses.
- Leviathan.** Immense trusses of crimson scarlet shaded vermilion; vigorous, free and every way first class.
- Mdm. Mezzard.** Upper petals red amaranth, lower ones shaded violet, white eye.
- Mr. Parker.** Color a brilliant purple-scarlet; a fine flower and free bloomer.
- Madame Recamier.** Large, round flowers of perfect shape; deep, rich crimson; large trusses, remaining long in perfection.
- Pliny.** Rich lake tinted with violet; upper petals marked with rose; exceedingly rich shade.
- Par Excellence.** One of the best Geraniums in our collection; flowers are large and of good form, trusses enormous; very free bloomer; bright scarlet.



NEW LIFE.

New Life. No geranium introduced since the appearance of the first double varieties can be compared with this for novelty and distinctiveness. Very profuse blooming, as a bedding Geranium

and for house culture in winter is unequalled. Its dazzling scarlet flowers, splashed with white, render it the most striking and attractive variety yet introduced.

Napier. Vivid scarlet, fine large flower.

Ralph. One of the very best bedders, good habit, profuse bloomer and very large trusses; color, scarlet.

Richard Dean. Bright scarlet, with white eye.

Vesuvius. Dwarf, fiery-scarlet; free.

W. C. Bryant. Pure scarlet: the largest and finest ever sent out.

SALMON AND VARIEGATED SINGLE ZONALE GERANIUMS.

- Bishop Simpson.** Enormous flower truss; color, salmon pink, white eye; free blooming.
- James Vick.** White with pink centre; fine for winter. 25 cents.
- Streak of Luck.** Color, salmon; distinctly striped with white.
- Glory de Corbany.** Flowers rich salmon, striped with white.
- Kate T. Patterson.** Immense size and well shaped flowers, measuring two inches in diameter, of a rich orange color, overlaid with buff. Entirely distinct from any other variety. 30 cents.
- Miss Gladstone.** A splendid variety, with clear white flower, salmon eye.
- Mdm. Werl.** Similar to the above; more dwarf; flower large.
- Polly King.** Rosy-salmon, deep rose center.
- W. K. Harris.** Blush; light salmon centre; trusses very large and fine.
- Maria H. Foot.** Very large flowers; fine form; good truss; color, rosy-salmon; one of the finest of its color. 25 cents.
- The above are excellent varieties for bedding, endure the sun well. They are also beautiful for pot culture, flowering throughout the winter, spring and summer. Price same as scarlet varieties except where noted.

WHITE FLOWERING ZONALE SINGLE GERANIUMS.

- Evening Star.** White, with a small pink eye.
- Florence Frazer.** One of the best white varieties.
- Madam Voucher.** Free flowering and dwarf habit.
- Purity.** Pure white; one of the very best for any purpose.
- White Vesuvius.** The most free blooming white Geranium ever sent out.
- Snow.** The purest white of all the single; new and distinct; 50 cents.
- Price same as scarlet.

ROSE-COLORED ZONALE SINGLE GERANIUMS.

- Blue Bell.** Purplish pink or mauve, (not blue); a fine sort for pot culture or planting out.
- Master Christine.** One of the best bedders, as well as one of the very best for pot culture.
- Newlands Mary.** Large trusses of fine deep pink; growth, dwarf and compact; exceedingly free bloomer.
- Madam Danelle.** Large and perfectly formed flower; clear, delicate rose, the upper petals strongly marked with white.
- Rose Unique.** Large trusses of an incarnate rose color, white in the center.
- Price same as scarlet. Thirteen of the best and most free blooming varieties for pot culture or bedding purposes, my selection from the above lists, \$2 prepaid by mail, or by express paid by the purchaser.
- Best bedding varieties, \$8 to \$12 per 100, according to size. For new varieties, see Novelties.*

GOLDEN VARIEGATED GERANIUM.

This section of Geraniums are very popular. Mrs. Pollock is the type of this class, but some of the varieties enumerated excel it in beauty. 25 cts each; \$2.50 per dozen.

Crown Jewel. Large yellow leaf, with narrow bronze ring, finely marked with flame color: good grower.

Goldfinch. Yellow, green and bronze leaf; excellent grower, distinct from any of this list.

Lady Cullum. Rich crimson bronze zone and brilliant flame colored flowers.

Louisa Smith. A vigorous grower with a distinct zone of bright red and black.

Mrs. Turner. A quick growing variety, possessing exceedingly vivid colors.

Mrs. Pollock. This is a type of Golden Tri-Color Geraniums, and is still a good standard variety: excellent grower, and high colored scarlet, bronze, yellow and green foliage; first class. (See Cut.)

Sir Robert Napier. Zone very dark and broad, indented with bright scarlet Van Dyke blotches; salmon colored flowers. 35 cents each.

Sunset. A beautiful kind, with very bright colors: of free growth and good habit.

Sophia Demaresque. Golden margin, dark zone with scarlet tinge; a free grower.

SILVER VARIEGATED AND SILVER-EDGED GERANIUMS.

Very handsome and useful Geraniums, the Silver Tri-Colors are remarkable for their silvery leaf margins and delicate pink, rose and scarlet zones. 25 cents each; \$2 per dozen.

Albion Cliffs. Delicate green leaf with a broad margin of the purest white.

Argus. Chocolate, white and green.

Bijou. Flowers dazzling scarlet; leaves bordered white.

Caroline Longfield. Silver Tri-Color, very beautiful broad white margin with a bright pink zone; an improvement on Italia Unita.

Castle of Milk. The white is very pure, covering half of the leaf.

Charming Bride. Silver Tri-Color, very distinct, having large reflexed leaves and very bright scarlet zone.

Excellent. A splendid tri-color, having very high-colored carmine scarlet zone.

Italia Unita. Silver tri-color; an old favorite; very high colored zone when well grown. Should be in all collections.

May Queen. Silver margin: this has the largest and flattest leaf of any sent out.

Miss Burdette Coutts. Silver tri-color; a most beautiful variety, having a creamy white leaf margin and a very bright rich lake crimson zone; good habit and a free grower.



MRS. POLLOCK.

Mountain of Snow. It possesses a vigorous growth, is an abundant bloomer, and for ribbon-lines or massing is one of the best. The center of the leaf is bright green, the outer margin broadly marked with silvery white. One of the whitest leaved sorts; flowers, bright scarlet. 10, 15 & 20c. ea.; \$1.50 to \$2 a doz; 8 to \$12 a 100.

Stella. Green, dark zone, bordered bronze and silvery white.

SWEET-SCENTED GERANIUMS.

First size, 25 cents each; \$2 per dozen. Second size, 15 cents each; \$1.50 per dozen.

- | | |
|--------------------|--------------------------|
| <i>Apple Balm,</i> | <i>Lady Plymouth,</i> |
| <i>Lemon,</i> | <i>Rose Variegated,</i> |
| <i>Nutmeg,</i> | <i>Shrubland Pet,</i> |
| <i>Pennyroyal,</i> | <i>Skeleton-Leaved</i> |
| <i>Oak-Leaved,</i> | <i>President Thiers,</i> |
| <i>Rose.</i> | <i>Mrs. Taylor,</i> |

GOLDEN BRONZE GERANIUMS.



This class of Geraniums are admired for bedding purposes, growing vigorously, succeeding best and assuming their brightest colors during the heat of summer. They are not only attractive in foliage, but the beauty and variety of the flowers add additional value to them. 20 cents each; \$2 per dozen. Second size, 15 cents each; \$1.50 per doz. Purchaser's selection.

prepaid by mail. Bedding plants, \$8 to \$12 per 100.

Black Douglass. Foliage yellow, broad chocolate zone; different from other sorts in having bright pink flowers.

Black Prince. Leaves large, with a beautiful dark zone vigorous and compact habit, producing fine large trusses of scarlet blooms; beautiful and distinct.

Crystal Gem. This is an excellent bedding variety; leaf disk bright green, broadly margined with golden yellow.

Earl Roslyn. Broad band of rich bronzy red, the old leaves becoming golden yellow.

Exquisite. Large chocolate zone with large yellow centre, edges variegated; flowers salmon, tipped white.

John Offin. One of the best. The leaf has a very broad band of chocolate, similar to M. McMahon, but a stronger grower and excellent bedder.

Golden Banner. This is a golden leaf, without green or the slightest trace of a zone, and if the flowers be removed, it forms a mass of pure gold.

Kentish Hero. Bright gold leaf, and rich bronze zone, being very distinct.

Mrshal McMahon. Leaves golden yellow, marked with a deep, broad chocolate ring.

Model. Flowers bright cerise; finely shaped zone very near the margin of the leaf; a large, bright golden disc.

Prince Bismarck. Foliage yellowish-green, with narrow zone of very deep chocolate; flowers salmon, tipped white; fine.

Plutus. First class every way; yellow leaf, very high colored red-brown zone, rich salmon colored flowers.

Richard Thornton. Centre clear yellow, zone brilliant maroon-red; flowers salmon, shaded white.

Above set of 13 sorts for \$2.

IVY-LEAVED GERANIUMS.

This class is adapted for hanging baskets and trailing on trellis work, etc. 25 cents each; \$2.25 per dozen. Second size, 15 cents each; \$1.50 per dozen.



L'ELEGANTE.

L'Elegante. The foliage of a bright green with broad bands of creamy white, often margined with pink. Its pure white blossoms are produced in dense clusters. (See cut.)

Double varieties are superior to single, and do not offer other single Ivy Leaf varieties.

DOUBLE IVY GERANIUMS.

Price, 15 and 25 cents each.

A. T. Simmons. White, flushed with lavender, upper petals marked with purplish-black; blooms the whole season.

King Albert. Beautiful mauve, suffused with violet and very double.

Lucy Lemoine. White, tinged with rosy-lilac.

Rosette. Soft rose shaded with mauve.

Septre. Fine, large, rosy-lilac.

Vista. Large flowers; very delicate blush pink.

Prince of Novelties. A new and desirable variety.

NEW DOUBLE IVY-LEAVED GERANIUMS OF 1882.

Price, 20 cents each; 5 for 75 cents

Anna Pfitzer. Extra large flowers; color salmon pink; distinct and fine.

Dr. Broca. Flowers large and double; brightest clear rose color. Fine.

Faustin Helie. Large and fine; flowers deep, rosy carmine.

M. Dubus. Deepest rose pink, same shade as the double zonale variety, Mad. Thibaut; a fine and distinct variety.

Robert Fortune. A grand variety, with fine large carmine shaded pink flowers; trusses large and freely produced; habit compact.

The above set are remarkable for size, color, doubleness of flowers and will be found a great addition to the list of double Ivy-Leaved Geraniums.

ORNAMENTAL FOLIAGE VARIETIES.

A Happy Thought. Leaf white in the center, and green outside. Flowers magenta; habit dwarf and spreading; very attractive. 25 cents.

Freak of Nature. An improvement on Happy Thought, and very dwarf, its white variegation is most beautiful, and is without doubt the best ornamental foliage plant sent out for several years. 35 cents.

General Collection.

DOUBLE ZONALE GERANIUMS.

The Double Zonale Geraniums during the past few years have been very much improved, equally adapted for bedding, blooming as freely as the single, while their flowers remain much longer, not destroyed by the rains, being highly prized as cut flowers by florist and bouquet makers; nearly equal to pinks.

Price same as single, except where noted.

Asa Gray. A distinct shade of salmon-pink.

Amelia Baltet. The finest double white Geranium in cultivation.

Bishop Wood. A fine variety of double Geranium; red amaranth; beautiful; for pot culture or bedding few equal it.

Candidissima Plena. Large and full, snowy white, never tinted with pink.

Ernest Lauth. One of the very best double Geraniums. As a bedder it is unsurpassed. Color a deep violet; flowers are large and trusses enormous.

Henri Beurieu. Salmon, bordered white; improvement on Asa Gray.

Henry Cannell. One of the finest intense, deep scarlet, and florets measuring two inches in diameter; compact, remarkably free growth, with a very dark zone; flowers freely.

Jules Simon. Flowers, clear, delicate rose; plant very dwarf and free bloomer.

Jennie Dolfas. Deep blue amaranth.

La Cygne. Flowers large and perfect; of a fine, snowy white; large trusses; an abundant bloomer.



GERANIUM. SINGLE ZONALE. See page 21.

Mrs. Chas. Pease. Dwarf habit, forming compact growth, with trusses of double flowers of exquisite deep pink, the upper petals distinctly marked with pure white; flowers profusely.

Mdm. Thibaut. Flowers perfect form, a very beautiful pink; best bedder; excellent.

Pres. Garfield. A beautiful clear pink; flowers and trusses very large; one of the finest varieties.

Pres. Leon Simons. Flowers of perfect form, bright, clear red, flamed with salmon; large truss.

Victor Hugo. Double orange salmon, blooming profusely throughout the year; trusses large.

Mrs. E. G. Hill. Distinct; blush; trusses of great size, measuring nearly six inches across, and keeping in perfect shape for a long time; habit free and robust; excellent in every respect.

Peter Henderson. Bright, orange-scarlet; trusses globular and freely produced; habit free.

Richard Brett. Immense trusses of flowers of peculiar orange-scarlet; very double; a grand bedder and of great merit.

Robert George. Deep crimson-scarlet, of great size; a remarkably free bloomer, and of fine, strong growth.

The Blonde. Ground color salmon, deeply shaded orange, base of petals white with a distinct margin of white around each; of the finest shape; trusses of great size.

Remarkable. A much improved E. Lauth, with better shaped flowers of a deeper shade; trusses very large and as freely produced as the freest flowering single kinds.

Above collection of 23 varieties for \$3 Is as fine a collection adapted to all purposes as can be found either for winter blooming or bedding out in summer. Price same as single varieties. Bedding varieties, \$8 to \$12 per 100.

NEW DOUBLE GERANIUMS OF 1882.

For size of truss and each individual flower, deep rich shadings, this collection has no equal, and thus far have proved to be free growers and bloom abundantly. Price 30 cents each; the set of 7 for \$1.75.

These were awarded silver medals at Boston Rose Show in June, 1881, as the best New Geraniums.

Cheerfulness. Flesh pink, shaded and mottled rose; a new color in Double Geraniums. Flowers large, truss good size, good habit and free flowering.

Iroquois. Flowers intense deep scarlet, large and double. Habit, dwarf and branching; good size truss and remarkably free flowering. Will prove a standard variety.

Wm. Hamilton. Color, deep, rich crimson, with maroon shading; flowers large and well shaped; trusses immense; habit free and robust. It surpasses any dark variety ever sent out.

Ed. Andre. Large trusses; rose shaded violet; bright and pleasing.

Minister Constans. Orange shaded salmon; finely-shaped large trusses, of fine habit.

Represent Bandin. Deep velvety crimson flowers, good truss, free grower and distinct.

Anna Hoste. Deep maroon scarlet; the darkest, largest and one of the very best in every way; a superb variety.

HELIOTROPES.

One of the most fragrant and easily cultivated of all house plants; a single plant will often fill a room with its fragrance.

Purple Gold. New type, foliage yellow, flowers large, purple, giving a fine contrast with the leaves; good fragrance and free to bloom.

Swanley Giant. This is described as a rose purple; new to color; immense truss; fine fragrance.

Lucien Tardif. Very fragrant; excellent for winter flowering.

Mdlle. Elizabeth. Dark violet; fine truss; good for pot culture.

Chieftain. Rich shade of violet; the standard variety for bedding or winter blooming.

Duc de Lavendury. Rich blush; dark eye.

The Standard. Deep purple.

Star. One of the darkest varieties, with an immense truss.

Etoile de Marseilles. Very dark purple; large white eye.

Incomparable. Light; fragrant.

Juliette. Strong grower; truss very large; color dark violet.

Snow Wreath. White; truss large; fragrant.

Peruvianium. Nearly white; truss large; first class every way; strong grower and free bloomer.

Price, 20 cents each; \$2 per dozen. Small plants, 15 cents each; \$1.50 per dozen.

HOLLYHOCK, Double.



I offer a fine assortment of this showy plant, seedling from choice strain, ranging through all shades of yellow, crimson, rose, violet, lilac, etc. 25 cents each; \$2 per dozen.

Hardy Shrubs, Hardy Roots and Bulbs, Hardy Climbing Vines, see Index, 3d page of cover.

HIBISCUS. Chinese.

Are quite popular as bedding plants in many places, and valuable for winter blooming. Six best varieties double and single. Price, 25 to 50 cents each.

DOUBLE HOLLYHOCK.

HANGING BASKETS AND VASES.

The following plants are used. See special descriptions. 15 to 25 cents each.

- | | |
|----------------|-----------------|
| Alyssum, | Ivy, English, |
| Agave, | Ivy, German |
| Alternanthera, | Lobelia, |
| Achyranthes, | Maherma, |
| Begonias, | Smilax, |
| Centaurea, | Tradescantia, |
| Coleus, | Oxalis, |
| Cobrea, | Palm, |
| Cuphea, | Pilea, |
| Dracena, | Petunia, |
| Feverfew, | Passion Flower, |
| Ferns, | Sedum, |
| Geraniums, | Vincas. |
| Ice Plant, | |

HYDRANGEA.

Variegata. Green and white leaves, beautifully variegated. As a house plant, or for bedding purposes in a shaded situation, it is one of the most attractive plants grown. 25 cents each.

Otaska. Flowers pink, changing to bluish purple. Plants bloom when quite small. 25 to 50 cents each.

Hortensis. The old hardy variety of high habit, growing about two feet high, one to two feet in diameter. Flowers same as Otaska.

Thomas Hogg. See Hardy Shrubs.

Paniculata Grandiflora. See Hardy Shrubs.

IVY, GERMAN.

A plant of rapid growth and beautiful, dark green, glossy foliage, excellent for covering walls, arbors, etc.; also used for hanging baskets. Price, 15 to 25 cents each.

IVY, ENGLISH.

Several varieties, including English, Irish and Scotch. For in-door decoration, baskets, etc., the Ivy is unsurpassed. Price, 25 cents to \$1 each. (See cut.)



ENGLISH IVY.

JASMINUM GRANDIFLORUM.
(Catalonian Jassamine.)

A winter flowering plant either for parlor or green house; blooming from October to May. The flowers of pure white; deliciously fragrant. 25 cents.



JASMINUM GRANDIFLORA.

JASSAMINE (Cape.)

Three varieties; strong plants. Highly perfumed. pure white flowers. Half hardy, blooming in June. Can be kept cool during the winter. Price 25, 35 and 50 cents each.

PETUNIAS, SINGLE.

From seed, varying through all the shades of crimson and rose, to purest white, striped, mottled and self-colored; from superb strain of Hybrid Grandiflora. Price, 10 cents each; \$1 per dozen.

PETUNIAS, DOUBLE.

Most of the varieties in the list below originated with me last year, and I think will be found to excel any collection yet sent out. They are all very double, beautifully marked and most of them finely fringed. Price 25 cents each; \$2 per dozen, except where noted.



DOUBLE PETUNIA.

Alice. Opening velvety purple-maroon changing to carmine-purple, fringed.

Florence. Deep velvety crimson, blotched white, fringed.

Eugenia. Mottled deep rose and white, beautiful and free bloomer; one of the best.

Charming. White, veined with carmine, double, compact and free.

Jeannie. White, mottled with purple.

King of White. One of the best of double white, good grower and free bloomer.

Model. Mottled, marbled white, crimson and purple maroon.

Norma. White, rose-tinted, finely fringed.

Mimosa. Velvety purple and crimson, edged white, fringed; fine.

Ruby. Beautiful purple-crimson, margined white.

Leon. White, sky-blue tint, fringed.

Venus. Rosy purple, compact.

Valentine. Pure white centre, blotched purple, fringed.

Stella. Purple, striped white.

Ralph. Fine, deep rosy-crimson.

Perfecta. For doubleness, perfect form and the deepness in which each petal is fringed, has no equal. It is large and exceedingly double to the centre, deeply and finely fringed, color, inner petals, rosy-purple, outer ones white, blotched rosy-crimson. The most beautiful and perfect double fringed Petunia in cultivation. Price, 75 cents each.

DAY LILY.

The popular white Day Lily, or Funkia; flowers somewhat trumpet shaped. 25 cents each.

DAY LILY (Variegated.)

Similar to common Day Lily, but more beautiful, having variegated foliage; very showy. Price, strong plants in pots, 25 cents each.

LILY OF THE VALLEY.

A beautiful little plant, extensively grown for forcing in winter and early spring, the grace and fragrance of its pure white flower-spikes being much

prized in the construction of the most valuable bouquets and baskets. It is entirely hardy, preferring a slightly shaded position. Price, large clumps, 25 cents each; \$2 per dozen. Smaller clumps, 15 cents each; \$1.50 per dozen.

LEMON VERBENA.

A well known shrub, indispensable for the delightful fragrance of its leaf. 15 and 25 cents each.

LANTANAS.

Are exceedingly handsome and easy of cultivation; blooming abundantly eight months in the year, and are never attacked by insects; sometimes substituted for verbenas.

Adolph Avis. Canary, dark centre.

Alba Perfecta. Pure white; very fine.

Clotilda. Pink, yellow centre.

Flora. Orange and pink.

Fulgens. Yellow and orange.

Flava Lilacina. Lilac and orange.

Harket's Perfection. Foliage variegated with yellow; flowers lilac.

Marcella. Lilac rose, changing to yellow.

Monfeck. Crimson; compact habit.

Mdm. Charlotte. Orange red, yellow centre.

Victoria. White, lemon centre.

Pluie d'or. Pure yellow; new.

Price, 10, 15 and 20 cents each.

LOBELIA.

A very useful plant for hanging baskets or for ribbon beds; flowers of all shades from white to the deepest blue. 15 cents each; \$1.50 per dozen.



SMILAX.

MYRSIPHYLLUM ASPARAGOIDES. (Smilax.)

There is no climbing plant in cultivation that surpasses this in the graceful beauty of its foliage, and its peculiar wavy formation renders it one of the most valuable of all plants for vases or hanging baskets, as it can be made to either climb or droop, as required; in cut flowers it is considered indispensable. 25 cents each. Small bulbs, 15 cents each.

VARIEGATED ICE PLANT.

Valuable for baskets or vases, and stands our hot and dry weather admirably. The variegation of the leaves, white and green, is very distinct, and the star-like purple flowers contrast finely with the creamy-white foliage. 15 to 25 cents each.



GLADIOLI.

GLADIOLI.

They are remarkable for easy culture, fine habit, intense beauty of coloring in the flowers, varying from the most brilliant scarlet to pure white, rose to pure yellow and purple, striped and flaked in the most beautiful manner with very delicate tints. The flowers are produced 20 to 30 in a cluster, on flower spikes about 3 feet high. The great improvement among the French and American Hybrids is astonishing, yearly producing many new and very valuable varieties. A succession of bloom may be had from July to September, by planting at intervals from April to June, reserving the strongest bulbs for the last planting. The bulbs should be taken up in the fall and placed in a dry cellar, protected from frost. I keep in stock a large collection of named varieties, and have selected the following, which are the most distinct in color, are among the best, showing good spikes. No class of bulbs require so little labor and expense for the amount of beauty and pleasure returned, being exceedingly popular in all parts of the world. I omit many of the high priced varieties knowing that in the list below a selection can be made equal to most of the expensive sorts. Some of the costly bulbs are put in collections of 12 distinct colors, ranging from \$1.50 to \$3 per doz. Where the selection is left with me care will be given in selecting a good contrast of colors, parties stating price per $\frac{1}{2}$ doz. or doz. they wish to pay.

- Addison.** Dark amaranth with white lines, large flowers. 25 cents.
Aristotle. Light flesh spotted red, lower petals striped carmine and purple. 10 cents.
Antonius. Fine spike, large flowers, cherry tinged with orange, blazed with carmine, white stain. 10 cents.
Agatha. Rose, suffused with lake, flamed with carmine amaranth, clear yellow spots. 15 cents.
Amalthier. Pure white, large violet-red blotch, ground color velvety violet, lower petals tinted lilac. 20 cents.

- Bijou.** Lilac, shaded lavender white. 10 cents.
Benard de Jussins. Violet, shaded cherry and purple; purple blotch on white ground. 10c.
Black Knight. Maroon, edged with dark violet. 25 cents.
Brenchleyensis. Rich, dark scarlet; very brilliant. 10 cents.
Camille. Extra large flowers; beautiful magenta, lilac shaded towards the centre, flamed with dark lilac. \$1.
Canari. Light yellow, streaked with rose. 15cts.
Ceres. Pure white, flamed lilac. 20 cents.
Citrusus. Upper petals light yellow, lower ones darker. 25 cents.
Conde. Light orange-red, white blotch, feathered carmine. 15 cents.
Daphne. Light cherry, bright crimson spots. 10 cents.
Eldorado. Fine yellow, slightly marked with red. 15 cents.
Emile. White, suffused with rose; dark brown blotch. 15 cents.
Eugene Scribe. Flowers large and wide, perfect; tender rose, flamed with carmine red. 20c.
Fel David. Cherry, light carmine feathered, white blotch. 10 cents.
Fulton. Velvety vermilion, with purple stain. 10 cents.
Grand Lilas. Delicate lilac; new shade. 45 cents.
Ida. White ground tinted rose, flamed carmine rose, lower petals light yellow.
Isaac Buchanan. The best pure yellow variety. 40 cents.
John Bull. Ivory white, tinted yellow and lilac; one of the finest varieties. 10 cents.
James Carter. Light orange red, bright pure white throat. 15 cents.
Lieut. Sterns. Orange-pink, yellow blotch. 10 cents.
Lamareck. Long spikes, cherry color, tinted orange, flamed red, centre lighted; large, pure white strain. 20 cents.
Lord Byron. Scarlet, white spots. 10 cents.
Mdm. de Vetry. French white, purple-carmine blotch. 15 cents.
Mazeppa. Orange-rose, large yellow blotch, flamed red. 10 cents.
Napoleon III. Bright scarlet and white. 10 cents.
Ophir. Dark yellow, stained purple. 20 cents.
Oscar. Brilliant, rosy-lilac, white blotch. 10 cts.
Pactole. Pure yellow, rose border, lower petals shaded with darker yellow. 40 cents.
Prince of Wales. White, flaked carmine. 10 cents.
Rose Perfecta. Rose, tinted violet, striped pure white. 10 cents.
Robert Fortune. Orange-lake shaded to purple-crimson, veined white. 20 cents.
Romulus. Intense dark red, blotched with pure white. 10 cents.
Sultana. Satin-rose, flamed carmine, blotch on white ground. 20 cents.
Sylphide. Long spike, color fine white, flamed carmine. 20 cents.
Shakespeare. White, rosy blotch. One of the earliest to bloom and much used for forcing; fine graceful form. 35 cents.
Vesta. Pure white, with purplish-carmine blotch on yellow ground. 20 cents.
Vulcan. Velvety scarlet-purple, shaded violet-purple in centre. 15 cents.
Zenobia. Rose tinted violet, flamed dark carmine, large blotch flamed crimson. 25 cents.
The Bride. Pure white. 20 cents.

1 dozen choice named from above list amounting to \$2, your selection will be forwarded for \$1.50.

Extra choice selections Gladiola \$2 and \$3 per doz.

The mixtures, separate colors and seedlings below will be found to contain some of the very finest named sorts from many hundred varieties. The bulbs will be found equal to any offered by other leading florists, and the prices exceedingly low, considering the varieties the mixtures contain.

Very fine mixed varieties,	Per doz.
Various shades of red,	\$.40
“ “ “ pink & striped,	.60
“ “ “ light colors and white, per 100,	\$5.50, .85
“ “ “ yellow,	1.60
All shades and colors, per 100,	\$3, .40
Extra choice, all shades and colors, per 100,	\$4, .75
Seedlings of the very finest quality, all shades and colors mixed,	1.25

The above prices are when ordered by express, add 15c. per dozen if sent by mail.

PHLOX. HARDY HERBACEOUS.—

General Collection.

As these plants bloom well in partial shade they are perhaps, the most valuable plants we cultivate for city gardens or shrubberies. They are entirely hardy in all sections of the country. 25 cents each; \$2.25 per dozen.

Snow Bank. Pure white; beautiful; fine for cemetery.

Variegata. Pink and white striped.

Nellie. Bright, fiery red.

Rose Queen. Centre crimson, bordered rose.

La Promise. White, purple centre.

Price 25 cents each; the set of 5 for \$1.

PRIMROSE. Chinese Single.

One of the finest of our winter-blooming plants, producing flowers in great profusion. Make splendid plants for the parlor in winter, and are of very easy culture.

My plants are from the improved strain of large flowering, and comprise all shades of red, white, striped and spotted, with fringed petals and compact growth. Price, 25 cents each; \$2.25 per doz.



CHINESE PRIMROSE.

PRIMROSE, Double White Chinese.

One of the most profitable plants cultivated for winter flowers, well-grown specimens often yielding 500 flowers during the winter. Always very scarce. Price, 50 cents each.

DOUBLE WHITE HARDY PRIMROSE.

One of the earliest of spring flowers. It is hardy, and is much used as a spring flower in cemeteries. 25 cents each.



TUBEROSE.

TUBEROSE, DOUBLE.

Grow on long stems three feet high, and produce the most beautiful waxy-white, sweet-scented flowers of any bulb in cultivation, having from 20 to 30 flowers on each stalk. (See cut.) Price, first quality bulbs, 10 cents each; \$1 per dozen. Second quality, 8 cents each; 75 cents per dozen; \$4 per hundred. Started in pots, 25 cents each; \$2.25 per dozen.

DOUBLE TUBEROSE. "Pearl."

This is more dwarf than the preceding variety, its flowers are much larger and imbricated like a rose. Is much better in every respect than the old variety. Price, first quality bulbs, 10 cents each; \$1 per dozen. Second quality bulbs, 8 cents each; 75 cents per doz. Add 25 cents per dozen if sent by mail. My Tuberose bulbs are the best that can be obtained, not one in a hundred will fail to produce flowers if properly treated.

**PANSY.**

The wonderful improvement made in the varieties of Pansies has rendered them extremely popular plants for early spring, summer and autumn flowering. For massing in flower beds, no plant is more essential. Plants from improved large flowering choicest quality of German seed, 8 cents each; 3 for 20 cents; 75 cents per dozen; \$4 per 100.

My plants are seedlings from the very choicest seed that can be procured.

JAPAN LILIES.

Their ease of culture and hardiness are inducements to those unacquainted with its habits to give

**LILIUM AURATUM.**

them a trial. They are now so popular that millions are now annually sold for bedding and forcing, where but few, comparatively, were sold ten years ago. They thrive best in a light, rich soil, partially in the shade, and remain undisturbed a number of years, frequent removals being injurious, by destroying the roots. Once planted they continue to increase in beauty from year to year. They should be planted 6 to 10 inches deep, according to the size of the bulb, and given winter protection by covering 2 inches deep with straw, coarse manure or leaves. They all succeed well grown in pots. Longiflorum, Candidum, Harrisii and Floribunda being much forced in winter.

***Lilium Auratum.** The Golden Japan Lily. White, with gold band through centre of petals, spotted with crimson. Price, extra strong California bulbs, 50 cents each; \$5 per dozen. Second size, 30 cents each; \$3 per dozen.

Brownii. Foliage large and beautiful with large flowers, white inside and purple outside, stamens of a chocolate-red. \$1.15 each.

Canadense. A native with bell-shaped flowers, yellow and red, drooping. 15c. each; \$1.50 per doz.

***Candidum.** Snow white, fragrant flowers, in clusters, much forced for winter and sometimes called Easter Lily. 15c. each; \$1.50 per doz.

Candidum, Flora Plena. A double variety of the preceding. 30c. each.

Concolor. Slender foliage, flowers numerous and of a brilliant crimson.

Elegans. Deep maroon, erect grower. 15c. each

Excelsum. It grows from 5 to 6 feet high, producing 8 to 12 drooping lilies of delicate buff, fragrant and a great favorite. 50c. each.

**GROUP OF LILIES.**

***Harrisii, or Bermuda Lily.** The true "Harrisii" was first brought from Bermuda several years ago and cultivated in Philadelphia by Mr. Harris, who first grew and offered for sale many bulbs, first giving its name. Much value was seen in this lily, and where it originated spread rapidly, consequently the cultivation on a large scale rapidly increased. The Bermuda grown bulbs seem to be more strong and robust, producing more blooms; being its native home, bulbs can be grown with less expense. The true Harrisii were American grown bulbs and do not produce as many flowers. The bulbs are very scarce, and

cannot be obtained to offer this season. The Bermuda grown variety resemble it so much, except growth and quantity of blooms, that the true Bermuda lily has of late been advertised by the leading dealers, and sold under the name of *Harrisii* or *Bermuda Easter Lily*. It bears from ten to thirty pure white trumpet shape flowers, four to five inches across; and seventy flowers have been grown from one bulb in New York, while in its native country one hundred and forty-five flowers have been grown from one plant and exhibited in New York at St. Nicholas hotel, where it created great excitement. For a forcing Lily it has no equal, while for a garden variety it should certainly be in all collections. Price, 30c. each; \$3 per dozen. Extra strong bulbs, 50c. each; \$4.75 per dozen.



Krameri. The flowers are of a rich blush to rose, very fragrant, of high merit on account of its color, nothing comparing with it. 60c. each.

***Longiflorum.** Large trumpet-shaped flowers, snow white and fragrant, used for forcing. 15c. each; \$1.50 per dozen.

Longiflorum, Eximium. Large flowers and more vigorous growth than the preceding; but of same shape and color. 25c. each.

***Speciosum Album.** One of the best White Japan varieties. 40c. each.

Speciosum Monstrosum Album. Broad, flat stems, color pure white, flowers freely. 25c.

Speciosum Roseum. One of the best Japan varieties of its color, white spotted rose. 20c. each.

***Speciosum Rubrum.** Similar to above, being of a deeper rose, and described rose, spotted crimson. 20c. each.

***Speciosum Rubrum Monstrosum.** Broad, flat stems, flowering more freely than *Rubrum*, to which color it is similar. 30c. each.

***Superbum.** It yields from twenty to fifty flowers in a pyramid form of yellowish-red color in July. 15c. each.

***Tigrinum.** (Tiger Lily.) Orange-salmon, spotted black. 15c. each.

***Tigrinum, Flora Pleno.** (Double Tiger Lily.) Same as the preceding except in form of flowers, which are double. 30c. each.

Umbelatum Erectum. Yellow with brown and dark orange spots. 15c. each.

Chalcedonicum. Flowers bright coral-red; petals reflexed, producing from 4 to 12 blooms; do best when bulbs remain undisturbed for several years. Price 65 cents each.

*I have Marked with * the varieties most hardy and easily cultivated in the common way of hardy garden lilies.*

CALIFORNIA LILIES.

Humbolti. The flowers are large, of a golden yellow spotted with purple, attaining the height of five feet. A remarkably fine Lily. 50c. each. \$6 per dozen.

Pardalinum. This is also a beautiful Lily of fine growth, producing yellow and red flowers, beautifully spotted. 30c. each; \$2.75 per dozen.

The set of 3 for \$1.50.

Washingtonianum. One of the most beautiful Lilies introduced. Flowers are produced in great abundance, erect, pure white with bright crimson spots and very fragrant. They should be planted in well drained soil, about ten inches deep. 50c. each; \$5 per doz.

MYOSOTIS ("Forget-Me-Not.")

When in bloom is about 9 inches high, it is covered with rich blue flowers, each flower having a round white spot in the centre. 15 cents each.

MARANTAS.

A valuable class of foliage plants for wardian vases and ferneries, requiring a warm, moist atmosphere. 25 cents each.

MADEIRA VINE.

The Maderia Vine is a beautiful climber, with thick, glossy, light green, almost transparent leaves, and climbing habit. Bulbs 10 cents each; \$1 per doz.

NEW REGAL PELARGONIUMS.

This type are the most brilliant colored flowers, large, very rich and showy; although they are not really double, yet from their fulness of form and the extra number of petals they have the appearance of being so.

Beauty of Oxtou. Upper petals rich maroon, darkly blotched; under petals dark crimson, shaded maroon; regularly margined with white and fringed. 50 cents; small size, 35 cents.

Queen Victoria. Remarkably distinct; is one of the most beautiful. The color is a rich vermilion, all the petals broadly margined with pure white and the upper ones blotched with maroon; peculiarly crisped. 50 cents.

Mdm. Thibaut. This new and much prized variety is among the finest of all pelargoniums. Truss and flowers very large with undulated petals deeply frilled. The color is white, richly blotched and marbled with delicate rose; the upper petals are marked with small, dark maroon blotches; centre pure white. Price, 50 cents; large plants, 75 cents.

Triumph de St. Maud. For high, rich coloring it is unequalled, and one of the very best in cultivation. Its habit is dwarf, short jointed and very free; excellent market variety. Price, 50 each; large plants, 75 cents each.

For new varieties see novelties.



FRENCH ODIER PELARGONIUM.

NEW AND STANDARD SPOTTED AND SHOW PELARGONIUMS.

I offer a carefully selected collection from the latest and best English and French varieties, which can be highly recommended to all lovers of these rich and showy flowering plants, sometimes known as the Lady Washington or Pansy Geranium. Large plants, 35 and 50 cents each; \$4 per dozen. Medium size, 25 cents each; \$2.25 per dozen except where noted.

My stock of Pelargoniums is large and variety can be equaled by a few only, in this country.

Admiration. Carmine and white blotched maroon and violet.

Beauty of Montpensier. Large white throat, the outer half of each petal scarlet with a purple tint; an excellent sort.

Belle of Paris. Carmine rose; large flowers; upper petals blotched maroon; full bloomer.

Conductor. Excellent habit, free grower and bloomer, large frilled flowers, crimson maroon, blotched.

Dr. Andre. White and pink; elegantly fringed petals.

Eclipse. Blackish-maroon, edged crimson.

Emile Zola. Truss large and finely formed; a vigorous and profuse bloomer; color carmine-orange brodered rose; centre blotched maroon; profuse. 50 cents.

Gold Medalle. Salmon rose, shaded scarlet maroon blotch. 50c.

Geo. Sand. Orange, salmon and pink; superb; one of the best market varieties. 50c. Small size. 35c.

Hebe de Beautiful. Rosy salmon, dark blotch, fringed. 50c

Hiawatha. Dark maroon, crimson margin.

Holbien. Dark maroon, upper petals margined with purple.

Imperatrice Eugenie. French white, all the petals spotted with purplish-black.

Le Vesuve. Fiery crimson-scarlet; very large.

Lucy Morton. Nearly pure white.

Mrs. Bradshaw. Extra large; white, with deep purple blotches.

King of White. Distinct and beautiful. 75 cents each.

Mdm Vibert. Delicate rose tint, plain large flower. 50 cents each.

Mabel. Maroon and violet blotched, spotted crimson; one of the finest. 50 cents each.

Prince Charlie. White ground, tipped with rose and violet.

Princess Hortense. Orange salmon, pink edge.

Scarlet Gem. Scarlet with maroon spots, white centre; a fine variety and good bloomer.

Vicomtesse La Bertha.

Vicomtesse de Belleval. Fiery crimson, white centre; each petal blotched with rich purple; a splendid variety.

Watchful. Lilac, shaded with violet; upper petals spotted with crimson; very attractive.

Rosalind. Deep crimson veined and blotched.

F. Dooner. Maroon bordered white face; 60c.

F. Heini. Rosy pink with white border. 70c.

NEW AND VERY CHOICE FANCY PELARGONIUMS.



BLACK PRINCE.

The following are recent selections from foreign varieties, which are a great advance in color, form, etc. Large Flowered, French Blotched and Frilled varieties. They are yet very scarce and high priced, and can offer but a limited supply.

***Black Prince.** A rich dark chocolate-maroon, with a circle of white on the outer edge. 60 cents each. See cut.

***Gambetta.** Purplish-crimson, rich and velvety frilled petals, one of the finest. 50c each.

***Count de Flanders.** White ground shaded to purplish-crimson, frilled, very fine and distinct. 50 cents each.

***Empress Eugenia.** Perfect in form, color and growth. 60 cents each

***Dr. Keith.** A beautiful rosy-crimson, edged white, maroon blotched with white centre, frilled. 50 cents each.

Madon's Victor. Large light scarlet flower, maroon blotch, white centre. 50 cents each.

The above collection of 6 for \$3.

The following are good market sorts, blooming early, but older varieties. Price, first size, 35 cents each; \$3 per doz. 2d size, 25c. each; \$2 per doz.

Apple Blossom. White and rose.

Bride. Rose and maroon.

Coronet. Crimson and maroon.

Cambridge Pet. Dwarf; free.

Charles X. Pink and maroon.

Emperor. White, marbled rose, maroon blotch.

Gen. Taylor. Deep rose, maroon blotch.

Gen. Avenir. Variegated.

Pretty Polly. Deep rose; free.

Princess Teck. White, rose, maroon.

Mr. Wilson. Maroon, scarlet and white.

SOLANUM.

A variety of the "Jerusalem Cherry," with neat and freely branched growth, 12 to 18 inches in height, the creamy white blossoms of which are succeeded by a profusion of erect, cone-shaped fruits of a brilliant orange color. 25 to 50c each.

TRADESCANTIA ZEBRINA.

(Wandering Jew.)

Fine for hanging baskets and vases, or for brackets. The leaves are dark, glossy green, with a silvery white stripe. 10, 15, and 25 cents each.

NOTICE TO CLUBS. When you have orders to the amount of \$3, \$5, or more, you can send them in and they will be forwarded, sending others when ready. It will not be necessary to send them all at one time.

\$30 Premium, see club orders, index. \$15, \$10, \$5 cash given for largest club orders.



ROSES

EVER-BLOOMING ROSES.

Are the *only* continual bloomers, commencing early in the season, giving an abundance of bloom through the summer and autumn, until checked by freezing weather. The accompanying cut represents a Tea Rose bud, which are the most beautiful of all, although the Bourbon, China and Noisette are more hardy and bloom as freely, they all give better satisfaction than any other class of Rosus. Most of them, except Tea Roses, do well if slightly protected when left in the ground over winter. When the tops are killed down, they will throw up new shoots, and bloom as freely as if not cut down, if the roots are not injured. If they are sometimes lost it is no serious matter, as new plants can be obtained at a trifling cost. Verbenas, Geraniums and other bedding plants are only set for one season, and the Rose is no more expensive. No plant will better repay their cost than the **Ever-Blooming Roses**. The dead branches should be cut back to the live wood. If the plants are lifted in the fall into boxes of earth, cut back, and kept in a cool cellar, giving water enough to keep the bark from drying, they can be planted out early in the spring, and will start into bloom in a very short time. If wanted for winter blooming they should be kept in pots during the summer, keeping the buds picked off.

To those who are not acquainted with the varieties, and stating what colors they prefer, or whether for pot culture, bedding out, or climbing, and when left with us we will guarantee to select varieties that will please you, always sending named varieties and labeled.

I grow Roses in large quantities, and our system of packing is so complete that I safely send Roses and all other plants to all parts of the United States by mail or express with perfect safety, and

GUARANTEE them to reach the purchaser in good growing condition. They are all grown in pots on their own roots, are fine, strong, healthy plants, equal to any Roses grown in this country of the same size and price. Price, per single

plant, 20 cents; \$2 per dozen. Small size, 10 cents each where marked with a (*.)

If good strong blooming plants are wanted, it is best to order the large size. If not particular about blooms until late, the smaller size will answer, if you can wait two or three months for them to grow.

I send by mail, postage prepaid, or by express, paid by the purchaser, at the following rates, each variety labeled, and guarantee to arrive safely, purchaser's choice of varieties.

For \$1.00 will send Six Roses.

For \$2.00 will send Thirteen Roses.

For \$3.00 will send Twenty Roses.

For \$4.00 will send Twenty-seven Roses.

For \$5.00 will send Thirty-six Roses.

For \$10 will send Seventy-five Roses.

For \$13 will send One Hundred Roses.

I can also send a smaller size by mail or express, for \$1 per dozen; \$2 for twenty-five; \$4 for fifty. *My selection of varieties.*

ABOVE PRICES DO NOT INCLUDE MOSS ROSES.

My Roses are wintered in cool houses and are therefore in condition to give the very best results for summer blooming.

12 Ever-Blooming Roses.

Half-hardy, will endure the winter with little protection by covering with straw, leaves or any coarse litter. Tops will sometimes winter-kill, but roots will send up strong shoots, giving a continual bloom from June to October.

Agrippina,	Bouquet Maria,
Bourbon Queen,	Emperor of Russia,
Countesse La Bertha,	Washington,
Hermosa,	Dr. Berthet,
James Sprunt,	Sanguinea,
Duchesse de Brabant,	Mdm. Brest.

Price, 20 cents each; 13 for \$2; \$10 per 100. Smaller size, 15 cents each; \$1.50 per doz. \$8 per 100.



TEA ROSE.

12 Choice Tea Roses.

If you are in search of 12 good Tea Roses of free growth and among the best to bloom, with contrast in colors, you will be pleased with this selection. For description of colors, see next page.

Aline Sisley,	Laurette.
Arch Duchesse Isabella,	Clement Nabonnand,
Bon Silene,	Isabella Sprunt,
Mdm. Bravey,	Safrano,
Douglass,	Mdm. C. Kuster,
Countess La Bertha.	Maria Sisley.

Price, 20 cents; 6 for \$1; 13 for \$2, all labeled. Second size of above sorts, 15c each; \$1.50 per dozen. See general collection, my choice of varieties, for bedding. \$10 per 100. Third size, 10 cents each; \$8 per 100.

Among the newer varieties of later introduction, the following list will be found to contain the best varieties. Price, 25 cents each; \$2 per dozen.

Catherine Mermet,	Helvetia,
Dr. Berthet,	M. Pauline Laboute,
Mdm. N. Merle,	Marie Guillot,
Marie Ducher,	Marshal Robert,
Mdm. Camille,	Etoile de Lyon,
Joseph Swartz,	Sou de Geo. Sand.

12 Good Roses for House Culture.

New and Old Varieties.

Price, 20 cents each; 13 for \$2, except where noted.

Bon Silene,	Isabella Sprunt,
Coquette de Lyon,	Maria Ducher,
Cornelia Cook,	Maria Guillott,
Clement Nabonnand,	Mdm. C. Kuster,
Douglass,	Cilene Forester.
Safrano,	White Tea.

12 Hybrid Perpetual Roses.

These are perfectly hardy and will stand our coldest winters without protection, blooming about three times during the summer. Price, 20 cents each; \$2 per dozen. Strong plants, extra size, 35 to 50 cents each. \$10 to \$12 per 100.

Alfred Colomb,
Coquette des Alps,
Augusta Mie,
Maurice Bernardin,
La France.
Gen. Jacqueminot,

La Reine,
Paul Neyron
Pierre Notting,
John Hopper,
Mdm. Chas. Wood.
Prince Camelia de Rhoan.

The Set of Five Collections, or six-ty Roses for \$7.

Choice and Scarce Roses.

In this list will be found some of the choicest and well tried varieties of fancy Tea Roses. They are all worthy of cultivation, where quality and beauty is wanted, and for that particular use none equal them. Price, 20 cents each, except where noted.

Countess la Bertha. Rosy-salmon, shaded amber; cupped and fragrant.

Coquette de Lyon. Canary-yellow, full and double, large flower, beautiful bud; strongly tea-scented.

C. Mermet. Clear silver rose, shaded amber and fawn centre; beautiful, double and sweet, elegant rose.

Dr. Berthet. Fine white.

Helvetia. Beautiful golden-salmon, peach centre. New and scarce; very desirable.

Mdm. Pauline Laboute. Salmon-rose, shaded fawn.

Mdm. Welch. Apricot-yellow, dark orange centre.

M. Noellie Merle. Light yellow, shaded carmine.

Marie Guillott. Pure white, golden centre; sweet.

Marie Ducher. Deep rose; beautiful, fine and double. Should be in all collections.

Marechal Robert. Pure white, tinged blush and pale lemon; a fine bud, large and full.

Mdm. Camille. Large, very double, immense buds; decided flesh color, shaded carmine.

Mdm. Lombard. Silver bronze, changing to salmon, shaded carmine; double, sweet, superb.

Perle de Jardin. Fine canary-yellow; fine, large, full form, good winter bloomer.

Perle de Lyon. Deep orange-yellow, lovely buds, full; highly perfumed.

Letty Coles. Rosy-pink, shaded crimson; globular form; fine tea-scented

Rovoli. Large, fine, full and fragrant; carmine changing to silver-rose, base of petals yellow.

Sou de Geo. Sand. Bright carmine buds, changing to reddish-amber; flowers large; superb.

Mdm. Joseph Schwartz. White, blushed with rose and changing to flesh white; flowering in clusters; flowers of moderate size, full and well formed. One of the finest new varieties.

Cornelia Cook. Pure white; very large and double.

Sou D'Un Ami. A prominent winter bloomer; clear deep rose; full and double.

La Princess Vera. Vigorous, large and full; very double; creamy white, yellow tint.

Queen of Bedders. Good grower; dwarf and branching; dark rich velvety crimson; very double. 25c.

Etoile de Lyon. Bright canary-yellow; full, well formed, double; strong, bushy, and a better bloomer than Perle de Jardin. 30c. each.

Andre Schwartz. A valuable new rose. Rich velvety-scarlet, sometimes changing lighter or deep dark pink. 60c.

Jules Finger. Vigorous and a free bloomer; rosy-scarlet, large and well formed.

Beaute de L'Europe. Deep yellow, after the style Glorie de Dijon. 50c.

Mdm. Cusin. Vigorous and well formed; white with lilac centre; large. 50c.



TEA ROSE.

Edith Gifford. Very large, full, fine shape, fleshy-white centre, highly yellowish on salmon pink; very free bloomer. 50c.

Reine Marie Henriette. An extra fine climbing variety; flowers large, full; color a clear cherry-red, a fine shade; somewhat scented; a *Gloire de Dijon* with red flower.

Sunset. (See Novelties.)

Abbe Girardin. Vivid rose; free bloomer; fine form. 50c.

General Collection. Ever-Blooming Roses.

Price, 20 cents each; 6 for \$1; 13 for \$2. I can furnish a small size of those marked with a star (*) for 10 cents each. For Club Rates, see Index.

Anna Oliva. Creamy-white, shaded carmine.

Admiral Rigney. Rich carmine Rose; large flowers, full and handsome; a constant and profuse bloomer.

Adam. Bright, fresh carmine; large size; free bloomer.

***Aline Sisley.** Flower is large and full, very double and sweet; color is a rare shade of violet-red, brightened with crimson-maroon.

Alba Rosea. White, rose centre.

Appoline. Full and sweet; delicate pink, changing to clear rose.

***Agrippina.** Brilliant fiery-red: full and sweet; an early and profuse bloomer, excellent for house or bedding.

***Arch Duchesse Isabella.** A beautiful bedding and house rose; white, shaded with rosy carmine, changing to amaranth.

***Arch Duke Charles.** Brilliant crimson scarlet, shaded with violet-crimson.

America. Cream-yellow, changing to coppery-yellow; strong grower.

American Banner. This variety has proved a poor grower and a shy bloomer, and do not consider it of much value to cultivate, therefore do not offer it.

Aurora. A beautiful rosy-blush, changing to clear rose.

***Bourbon Queen.** Large, very full and sweet; brilliant carmine and rose.

Bella. Pure white; good size and form; tea-scented.

Beauty of Greenmount. Rose, changing to crimson

Bougere. Rosy-bronze; a superb rose; large, full, and very fragrant.

***Bon Silene.** Noted for the great size and beauty of its buds: deep rose color, but changeable; very sweet and fine every way.

Bouquet de Marie. Rose, tinted with silver; fine form and good habit.

Caroline de Marinette. Pure white; double, and a constant bloomer; medium size, in clusters.

Compte de Bobinsky. Deep crimson-scarlet; profuse bloomer.

Cornelia Cook. Pure white; very large.

Chromatella, or Cloth of Gold. Clear, bright yellow; good form and substance.

Clement Nabonnand. Outer petals rosy-lilac, inner ones golden-yellow.

Cilene Forester. Pale yellow, deepening towards the centre

Cramoisis Superieur. Medium size; rich dark velvety crimson; very double, full and beautiful; compact growth; one of the best for bedding.

Countesse de Caserta. Bright copper-red.

Duchesse de Edinburg. Velvety-crimson; good bud.

***Duchesse de Brabant.** Soft, rosy-flesh; edged with silver-rose; free; one of the best.

***Douglass.** Dark, cherry-red; fine color and a good bloomer.

Devoniensis. Creamy-white, with rosy centre; sweet and very full; exquisite.

Emperor of Russia. A bright magenta, shaded and dashed with crimson.

Empress Eugenie. Pale rose, margined with purple; double and fragrant.

Glori de Dijon. One of the finest in every respect; large, very double and sweet; color rich, creamy-yellow, shaded with salmon-rose.

Homer. Extra good; large, very full and double; Tea scented; color, light flesh, changing to silvery rose; very fine.

***Hermosa.** Clear rose; fragrant; a constant bloomer; hardy; excellent house or bedding rose; the best for all purposes.

***Isabella Sprunt.** Canary-yellow; beautiful buds, very sweet, profuse bloomer.

Jeaned'Arc. Fine, citron-yellow; full, globular form, highly-tea-scented.

***James Sprunt.** Deep, cherry-red; very pretty and distinct; desirable as a climbing or parlor rose; very profuse bloomer, also a fine bedding rose.

Lady Warrender. White; fine and fragrant.

La Nankeen. Apricot-yellow; large and full; good form, tea-scented.

La Chamoise. Its color is superior to Safrano, and blooms more freely.

La Jonquil. Brilliant, daffodil-yellow, very delicate color.

***Louis Philippe.** Rich, dark, velvety-crimson; profuse bloomer.

La Pactole. Pure sulphur-yellow; large and full; very sweet, tea-scented.

***Laurette.** Delicate creamy-white, shaded with rose; flesh-colored centre.

- ***Lamarque.** Pure white, flesh centre; when full open, very double.
- ***Lucullus.** Beautiful dark crimson-maroon.
- La Nauncee.** Salmon-rose, shaded coppery-yellow.
- Mdm. C. Kuster.** Orange-yellow; fine.
- Mount Blanc.** Double and fragrant; color a lovely creamy-white, tinged with yellow.
- Monthly Cabbage.** Deep rose; large and globular.
- Mad'le Rachel.** Pure white; very double; makes beautiful buds, is an elegant house rose, and a good bedder.
- ***Marie Sisley.** One of the finest; color an exquisite shade of pale yellow.
- Mdm. Margotten.** A strong grower, large buds and flowers, full and elegantly perfumed; color, beautiful, dark, citron yellow, centre rosy-blush.
- Mdm. Jules Margotten.** Bright pink with crimson centre, tinged with yellow; large, full and sweet, very fine.
- Mdm. Bravy.** Rich, creamy-white, with blush centre; perfect form; one of the best for all purposes.
- Melville.** Bright pink, changing to silver-rose; constant bloomer.
- Marie Guillott.** Pure white, centre golden-yellow; large, full and double; tea-scented.
- ***Malaison.** Pale, creamy-flesh, changing to lovely fawn, with rose centre; very double, full and sweet; one of the finest varieties; quite hardy.
- ***Marechal Neil.** Flower very large, double, and deliciously perfumed; clear sulphur-yellow; buds immense size.
- Niphetos.** Pure white; beautiful buds.
- ***Nina.** Silver-white, covered with rosy blush; good form; fragrant.
- Royal Tea.** Fine, large pure white, tea-scented.
- Reine des Massifs.** A low, bushy grower, and profuse bloomer; suitable for beds and masses; flower medium size, full and sweet; color, fine yellow.
- Perle des Jardin.** Fine canary-yellow, very large, full and fine form. Good winter bloomer.
- Perle de Lyon.** Full and highly perfumed; color, deep orange-yellow; lovely buds.
- ***Pink Daily.** Fine bright pink; a constant bloomer; much esteemed.
- Queen of Bedders.** Crimson; very free flowering.
- ***Safrano.** Bright apricot; changing to salmon and fawn; beautiful orange buds; a constant and profuse bloomer.
- Sombrioul.** White, edged and tinted with silver-rose; very sweet and large.
- ***Solfaterre.** Fine, clear sulphur-yellow; lovely bud; full and sweet; good grower and fine bloomer.
- ***Sanguinea.** Deep, blood-red; very bright and distinct.
- Vaile de Chamounix.** Sweet, coppery-yellow, shaded and tinted with rose
- Verdiflora Green Rose.** Flower double; pure, deep green; a great curiosity.
- ***White Tea.** A rather tender variety, good bloomer and fragrant.
- ***Washington.** Pure white, double; vigorous grower and profuse bloomer.
- ***White Daily.** White; free bloomer.
- Yellow Tea.** Canary-yellow; a free winter bloomer.

Hybrid Tea Roses.

This new class combines the free flowering qualities of the Tea Rose, the hardiness of the Hybrid Perpetual, and is inclined to render them the most valuable class of roses for the amateur and florist. They are likely to be largely grown for forcing, while for out-of-door planting, they are more desirable on account of their hardy constitution, producing flowers of the rich colors and delicious fragrance of the Hybrid Perpetual. They are considered hardy, but if protection is given them north of New York, they will make better and more robust growth.

DUKE OF CON-NAUGHT. Large and highly scented; fine form; delicate rose with salmon centre. 35 cents each.

Duchesse of Connaught. Will prove the finest crimson rose in any class. Is large, buds long and fine form; deep velvety crimson. 35 cents each.

Beauty of Stapleford. Flowers and petals large, of the finest form; of a fine pale rose. 35 cents each.

Duchesse of Westminster. Bright red; fragrant and very double. 40 cents each.



HYBRID TEA ROSE. LA FRANCE.

Jean Sisley. Large and full; double to the centre; color, rosy-lilac. 40 cents each.

HON. GEO. BANCROFT. A very beautiful rose; large flowers, regular and full; color, rosy-crimson, shaded to purple. 40 cents each.

Michael Saunders. Reflexed petals; large, full, and very sweet; brilliant bronze-pink. 40 cents each.

VISCOUNTESS FALMOUTH. Flowers large and of beautiful form; color, pinkish-rose; back petals are of a bright pink, giving it a fine appearance. 35 cents each.

PEARLE. Flowers not of the largest size; color white, tinted flesh. Is perfect in form, full and double; highly scented; 25c. each.

LA FRANCE. A splendid variety; beautiful pale peach, changing to deep rose, shaded centre; very large and full; free bloomer; delicious tea fragrance; one of the best for open ground or in pots. 20 and 35 cents each.

Lady Mary Fitzwilliams. (New Hybrid Tea.) Delicate flesh tinged with scarlet; large, globular, full and fragrant. A beautiful rose. 50c.

Mad. Alexandra Bernaix. Of the same type as *La France*, like it blooming freely and continuously throughout the season; flowers large and finely formed, full; color, rich, glossy rose, very deep in Autumn; the border of the petals often lined with white. 30 cents each.

Pierre Guillot. New, large, beautiful buds on strong, upright stem, and shows none of that weakness in the stem that some others of this class do; color, bright, dark crimson, with rich Hybrid Perpetual fragrance; very profuse. 50c.



Hybrid Perpetual Roses.

They are valuable for general collection, having a hardy constitution, vigorous in growth, and bearing throughout the summer and autumn flowers of elegant beauty and delightful fragrance. They grow best in a rich, stiff, loamy soil, and should be carefully top-dressed with stable manure in the fall. They may be massed in permanent beds, and in the spring and fall will make a gorgeous display of their rich bloom.

Do not prune in the fall, but on the approach of winter cover your plants with light straw or hay. This will protect them not only from the cold, but from the intense rays of the sun, which striking the stem while the sap is down, is very injurious. After the frost is over in the spring, remove the straw and prune down to within two or three eyes of the ground, manure liberally, and an abundant crop of roses throughout the summer and fall will be the result. Price, 20c. each; 13 for \$2, 30 for \$4, also see index for Club rates.

The varieties in bold type I grow in large quantities, and are considered the best for all purposes in this class of Roses.

Abel Grand. Large, very full, and deliciously perfumed; color, deep, rosy blush, shaded.

Abel Carrier. Bright purplish-crimson, fiery red centre; large, double and sweet

ALFRED COLCUMB. Large, globular form; full and very sweet; bright, clear r. d.

Augusta Mie. Clear, bright pink; very large and finely cupped; fragrant.

Achille Gounod. Brilliant purple carmine; large; very full and sweet; a free bloomer.

Antoine Mouton. Bright rose, reverse of petals silvery; very large, full and globular; very free bloomer.

Anie de Diesbach. Carmine; fine and double. One of the most hardy.

Baroness Rothschild. The most popular Hybrid in cultivation. Its flowers selling in New York at \$1 each. They are immense in size; color a satiny pink. Its handsome foliage comes close up to the flower representing a bouquet in itself. 40 cents each. Large size, 50 to 75 cents each.

Baronne Prevost. Beautiful, pure, bright rose, shaded crimson; very large; finely perfumed.

Boildieu. Cherry red; extra large size; one of the finest of recent introduction.

Count Cavour. Dark, deep vermilion red; very double, large and sweet.

Climbing Victor Verdier. Brilliant, rosy carmine, edged with purple; very large, full and fragrant.

Charlotte Corday. A large bold rose; very striking; dark purplish pink.

Coquette des Alps. The finest white Hybrid Perpetual yet introduced; a profuse bloomer; flowers pure white.

Countesse of Oxford. Noted for its immense size, fine, full form, and delicious fragrance. Color soft, rosy carmine.

Caroline de Sansel. Clear, brilliant rose, merging into rosy lilac, edged with bronze; very large and sweet.

Coquette des Blanche. One of the finest whites.

Duchesse de Morny. Bright, purplish crimson, shading to velvety crimson maroon.

Emperor of India. Dark violet crimson, shaded and velvety; fragrant; very large, full and double.

Edmund Wood. Large size and perfect form; very fragrant; color, bright orange scarlet.

Enfant de Mt. Carmel. Brilliant rosy carmine, shaded with purplish red.

Fisher Holmes. Deep, glowing crimson.

General Washington. Bright vermilion rose; large, fine form, perfectly double; very free bloomer; fragrant.

GENERAL JACQUIMINOT. Rich velvety scarlet, changing to scarlet crimson; magnificent bud.

Giant of Battles. Brilliant crimson; large, very double and sweet; esteemed one of the finest but not always a good grower.

GENERAL LANE. Clear dark rose, changing to bright rosy crimson.

Grand Duke Nicholas. Dazzling crimson, brightly flamed with intense scarlet; fragrant and very double.

JOHN HOPPER. Rose, crimson centre; large, full and good.

Jules Margotten. Bright cherry; large and full; superb.

LADY EMILY PEEL. A charming rose; medium size and full form; very sweet; color, white, sometimes tinged and shaded with blush.

Louis Margotten. Carmine, shaded with purple, changing to dark rose.

Lord Raglan. Brilliant crimson scarlet; splendid, large, very full and sweet.

LA REINE. Beautiful, clear, bright rose; fine, full form; very fragrant.

Louis Odier. Bright rose shaded deep carmine; cup shape, full and double.

LOUIS VAN HOUTTE. Brilliant vinous crimson; large, full and fragrant.

Mdm. Chirard. Clear rose color, large, full, and fine form; a first class rose.

MAURICE BERNARDIN. A splendid old rose, one of the best; rich, velvety crimson.

Mdm. Victor Verdier. Rich, bright cherry red, changing to satin rose.

Mdm. Plantier. Pure white, large and double; a good cemetery rose; one of the very best hardy white roses.

Mdm. Lacharme. Very vigorous; flowers very large and full, and beautifully formed; white in opening, slightly shaded in the centre, changing to pure white; a superb rose.

Mabel Morrison. New, pure white, one of glossy rose.

Merville de Lyon. Another sport from Baronesse de Rothschild, large, pure white, and very fine. 50c.

MDM. CHAS. WOOD. Immense size; dazzling crimson, free bloomer; one of the finest.

Pæonia. Flowers carmine; a free bloomer; one of the finest old roses, not excelled by any; very sweet.

PIERRE NOTTING. Deep, blackish red, very dark, large and very double.

Princess Louise Victoria. A carmine rose of climbing habit, medium size, full and sweet.

PIUS IX. Clear, bright rose, changing to pink, delicately shaded; very large.

PAUL NEYRON. Deep carmine; large, full, free, fragrant; an excellent rose.

Perfection des Blanche. Pure white, double and fragrant.

PRINCE CAMILLE DE ROHAN. Rich, dark, velvety crimson, changing to scarlet-maroon; full, very double and sweet.

Mdm. Pettit. Fine white of medium size.

Reynold's Hole. Dark, velvety crimson-maroon, flower large and full.

Sir Garnet Woolseley. Bright red shaded with carmine; strong, vigorous and free bloomer.

Triomphe de Exposition. Clear lavender-pink, and bright, transparent rose, beautifully shaded.

Victor Verdier. Brilliant rosy carmine, edged with purple; fine, large, free bloomer.

Reine Blanche. White, slightly tinged with rose, large and full form.

Roi d'Espagne. Bright vermilion-red, very double, large and sweet.

The collection of 12 varieties in bold type, \$2; second size, 13 for \$1.50; extra strong plants, 35c. each; \$3 per dozen.

I offer extra large plants of Perpetual, Ever-blooming and Climbing Roses for 35 to 50 cents each; \$3 to \$4 per dozen. For prices common size, also

PREMIUM AND CLUB ORDERS,
see Index.

Mdm. Plantier—Hardy Roses for Cemetery. A perfectly hardy, pure white, double Rose. Is adapted for yards or cemeteries, growing about four feet high, blooming in clusters in June. A good sized plant gives from one to two hundred flowers at one time, so completely covering the foliage as to make it scarcely visible. Price, 20, 35, 50 and 75 cents each.

Mdm. Hardy. A very handsome large white rose; three to five blooms in a cluster; a very hardy, strong grower, four to five feet high. For yard or cemetery use is much admired. Price, 20c.

YELLOW PERSIAN.

Deep, bright yellow; a very early bloomer, and the finest of all hardy yellow roses. The foliage has a scent of the common sweet brier. 50 cents each. There are also white and pink varieties, sometimes known as Scotch roses, growing from two to four feet high. The foliage resembles the Persian Yellow, the briars being sweet-scented and very thorny. I offer 2 sizes.

White, 25 cents each; larger size, 50 cents.
Pink, 25 " " " " 50 "

MOSS ROSES.

A most beautiful class of roses. They require good cultivation to grow their elegant mossy buds to perfection. Price, strong plants, 50 cents each; \$1.50 per dozen, except where noted. Small plants, 30 cents each; \$3 per dozen. (See cut.)

Adelaide. Pale rose.

Crimson Rose. Light rose; large.

Countesse de Murinals. Large, pure white, beautifully mossed; perfectly hardy.

Captain Ingram. Purplish crimson, violet shaded; large and very mossy.

Common Blush. Large, full, double, vigorous grower and free bloomer.



MOSS ROSE.

Glory of Mosses. Pale rose; very large, full and beautiful.

Henry Martin. Fine bright pink, tinted crimson; large, globular, sweet, full, well mossed.

Luxemburg. Fine, purplish crimson; large cupped, free bloomer.

Prolific. Rose; globular form, dwarf habit.

Purpurea. Violet purple, large, full, double, fragrant and very double.

Salet. Bright crimson; free, one of the best. Set of 6 best Moss Roses, my choice, for \$1.50.

PERPETUAL MOSS ROSES.

There are but few varieties of *Perpetual Moss Roses*, and what there is are very difficult to propagate: the price, therefore, must always be high. The two sorts named below are among the finest of this interesting class. They are remarkable for the size and beauty of their flowers, density and profusion of moss and bloom. They are entirely hardy, and need no protection in winter. Seldom do well as house plants.

James Veitch. A Perpetual Moss Rose; extra large; very double and exceedingly sweet; bud very mossy; color bright rosy-crimson, changing to deep carnation-red. Price, 50 to 75 cents each.

Perpetual White Moss. The finest perpetual White Moss Rose grown; an elegant flower; large, full form, double and deliciously fragrant; buds beautifully covered with moss; blooms in large clusters; color pure snowy white; a profuse bloomer; very valuable for cemeteries. Price, strong plants, 50 to 75 cents each.

Young plants, by mail or express, 35 cents each.

CLIMBING PRAIRIE ROSES.

The Prairie Roses are superior to all others for covering buildings, walls, trellises, trees, etc. Their immense clusters of beautiful flowers, their luxuriant foliage, perfect hardiness and rapid growth make them the most desirable to every one who wants a fine climbing rose. 20c each; 12 for \$2.

Baltimore Belle. Pale blush, becoming nearly white; double; one of the best.

Caroline Goodrich. Deep rosy crimson; free and very double.

Gem of the Prairie. Light crimson, free bloomer and very double; one of the best.

Queen of the Prairie. Deep rose; large and globular, in great clusters; hardy and vigorous; the very best of its color.

Russell's Cottage. Bright scarlet-crimson.

Seven Sisters. A strong and rapid grower with seven blooms in a cluster; hence its name.

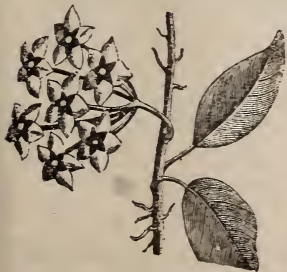
Scarlet Greenville. Crimson-scarlet.

Mrs. Grunnell. Rosy blush, changing to nearly white; large clusters, full and double.

Pride of Washington. Fine brilliant amaranth, shaded to centre with rose.

WAX PLANT (*Hoya Canosa*.)

This plant has thick fleshy leaves, growing moderately fast and bearing umbels of beautiful flesh-colored flowers, from which are exuded large drops of honey-like liquid. One of the best for house culture. 25 cent each.



WAX PLANT.

SALVIA.

Splendens. A most gorgeous, fall-flowering plant, growing from three to four feet in height,

forming a beautiful bush, which is covered with spikes of bright scarlet flowers.

Splendens Alba. A pure white variety of the same habit as the preceding, with which it contrasts finely.

Patens. A choice variety of deep blue color; of good habit, and forms a beautiful contrast with *Splendens Alba*.

Rosea. A distinct winter blooming *Salvia*, with rich, rose-colored flowers, borne in spikes six inches long,—to contrast with the white, blue and scarlet varieties it is very valuable. 15 to 25 cents each.

SEDUMS

Are among the most valuable plants for hanging baskets, vases, rock-work, or, in fact, any dry place where other plants would perish for want of water. The flowers embrace the different shades of carmine, orange, pink, white, etc.

Sedum Carneium Variegatum. This is one of the most useful; is excellent for hanging baskets. 15 cents each.

Sedum Sebaldii. Dwarf habit, leaves a light green, flowers pink; a pretty plant for baskets or rock-work. 15 cents each.

SWEET WILLIAM.

I offer fine plants one year old, to bloom this season. Price, 20 cents each; \$2 per dozen. Small size, 15 cents each; \$1.50 per dozen. All colors mixed, from Hunt's superior collections.



VERBENAS.

Having made a specialty of verbenas for over 12 years, I have selected the following, which combine free growth, good blooms and greatest variety of colors, which should give satisfaction to all. Purchaser's choice, 8c. each; 75c. per dozen. Our choice, 6c. each; 60c. per dozen. 25 for \$1; \$3 per 100; \$13 per 500; \$25 per 1000 in one order.

Aimee. Lavender and purple marbled.

Blue Bell. Lavender blue.

Black Hawk. Dark maroon.

Beauty of Oxford. Dark pink, immense size.

Beauty of Sherwood. Scarlet, white eye.

Beauty of Chastwood. Deep crimson, dark eye.

Bismark. Cherry crimson, distinct dark eye.

Banner. Light pink and white, striped in distinct lines.

Burnside. Large scarlet flowers, with maroon eye.

Corkhill. Purple, white eye.

Capt. Jinks. Scarlet, white eye.

Cass. Magenta-crimson.

Dom Pedro. Dark purple, small white eye.

Duyvil. Scarlet, white eye.
Defiance. Dazzling scarlet.
Dina. Maroon, white eye.
Eclipse. Cherry-scarlet.
Faust. Large pink, white eye.
Gleam. Dazzling scarlet, white eye.
Geo. Schanzlin. Pink, white eye.
Geo. Maybe. Dark velvety purple, white eye.
King of Scarlet. Clear scarlet, lemon eye.
King of White. One of the best white.
Lavender Queen. Fine lavender.
Mozart. Pink and white striped.
Miss Arthur. Dazzling scarlet, large.
Negro. Black, extra.
Purple King. Very dark purple.
Panorama. Scarlet changing to salmon.
Panyon. Crimson, maroon eye.
Queen of White. White.
Rosea. Pink, white eye.
Rosy Morn. Pink, white eye.
Sanguinea Superba. Blood red.
Silver Star. Dark maroon, lemon eye.
Surprise. Large, rosy pink, yellow eye.
White Bedder. Pure white; fragrant.
Waterloo. Scarlet, velvet eye.
Zenobia. Purple, large white eye.
Zulu King. Fine dark purple.

The above set of 40 varieties, \$2. In ordering verbenas it will be for the interest of the purchaser to leave the varieties to us. Knowing their habits enables to select the best bedders, and in nine cases out of ten is certain to give better satisfaction.

LEMON VEBENAS.

A well known shrub, indispensable, for the fragrance of its leaves, in bouquet making. 20 cents each; small size 15 cents each; \$1.50 per dozen.

VINCA.

Variegata. A beautiful variety of the Periwinkle, with pea-green leaves edged with yellow; excellent for baskets. 15 to 25 cents each.

Major. A variety with a rich, glossy green leaf, flowering profusely the whole winter; fine for baskets. 15 to 25 cents each.

Elegans. A new variegated variety of the same habit as the above. 25 cents each.

VIOLETS.—Sweet-Scented.

The varieties named below are the leading ones used for forcing during the winter months. The Violet forms one of the principal items in the formation of bouquets, baskets, etc., of cut flowers.

Price, 15 cents each; \$1.50 per dozen.

Double Blue Neapolitan. Light blue.

Marie Louise. Dark blue flowers.

Double White.

Single White.

VERONICA.

A class of plants blooming during the fall months. The flowers are borne on spikes from four to six inches in length, and are produced in great abundance. 15 to 25 cents each; \$1.50 per dozen.

Plants by Mail.

Special list will be sent free on application.

Plants will be forwarded by Mail at prices herein quoted, free of postage, unless otherwise noted. See Club rates, page 42.

SEEDLINGS.

	CENTS EACH.	CENTS PER DOZ.	PER 100
FOR BEDDING OUT.			
Asters, mixed colors,	4	35	\$2 00
Balsam,	4	35	2 05
Stock, 10 weeks, mixed colors and white,	4	35	2 00
Zinnia, double mixed colors,	4	45	2 00
Pansies,	5	50	3 00
Phlox, Drummondii, mixed colors,		35	2 00



FLOWER BED DESIGNS, which can be filled from \$3 to \$10 each, depending upon size of bed.

PLANTS FOR RIBBON BEDS.

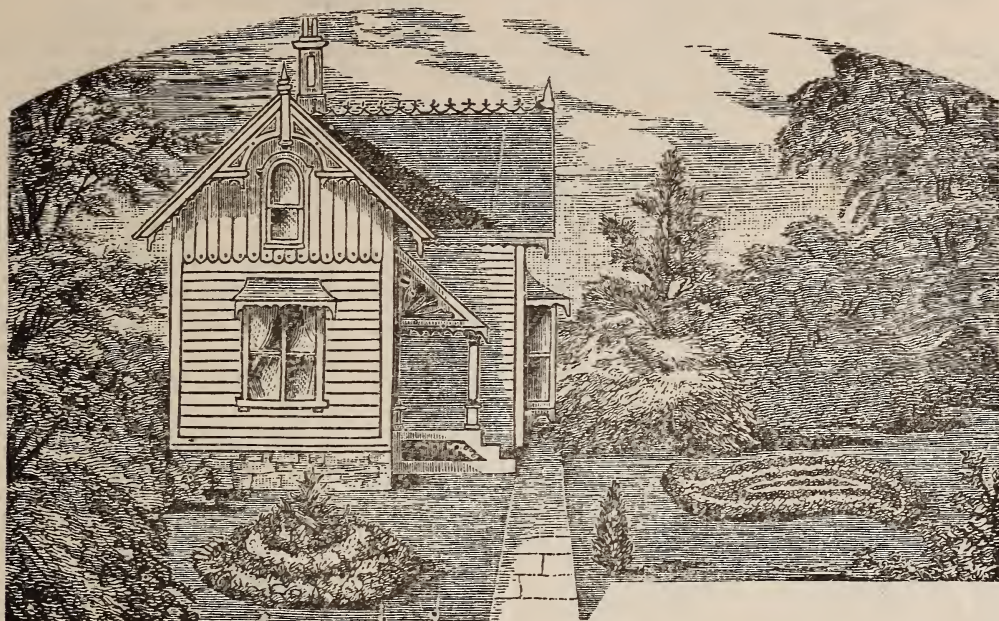
Ageratum,
 Achyranthes,
 Alternanthera,
 Alyssum,
 Centaurea,

Coleus,
 Cannas,
 Caladiums,
 Echeverias,
 Feverfew, Golden,

Geraniums,
 Geraniums, Silver,
 Geraniums, Bronze,
 Lobelia,
 Petunia,

Pansy,
 Sedum,
 Veronicas.

Polyanthus Rose Mignonette. The most dwarf and free blooming rose for bedding, blooming in clusters; color rosy white. A continual bloomer. Price, 10 and 20 cents each; \$1.50 per dozen; \$8 to \$10 per 100.



COTTAGE HOUSE WITH RIBBON BEDS.

SEED DEPARTMENT.

There is a great difference about the time of sowing seed in order to have them germinate freely. Often complaints are made about seed which is usually caused by unfavorable weather. The sower is not always blamed, but is often the cause by trusting such work to inexperienced help. The seedsman is generally more blamed by people who do not understand the nature of the various kinds of seed.

Some varieties germinate more freely, like Phlox, Stock, Pansy, Dianthus, Daisy, Carnation, Alyssum, and Hollyhock in a cool atmosphere, while Asters, Balsam, Begonia, Gloxina, Cyclamen and Cobaea require a high temperature and will not grow unless a favorable treatment is allowed. Cypress Vine, Canna, Thunbergia and a few others grow more freely to soak in water, while it would be death to Palms and Cactus. It is sometimes the case that Clematis, Smilax and Lantana will lie dormant for six months in the seed box, then, being exposed to a favorable temperature, germinate freely. It is often the case too much water is given to tender seed kept in too low a temperature and often not enough in a high heat; possibly the seeds have sprouted but not appeared above ground, upon examination it is found they have decayed or dried out.

No law can be made for the sowing of seed, as they all have their peculiar requirements for success. Seeds are often planted too deep, and in a dry time care is not given to aid them with sufficient moisture before it is too late. If the ground is cold, hardy sorts will lie dormant until favorable weather, while those of a tender nature will decay in the ground, never to show signs of life.

For nearly all kinds of flower seeds it is the safest to start in the house in shallow boxes; when of

sufficient size, transplant to the open ground if weather is favorable and all signs of frost have disappeared. A safe rule is to cover no deeper than the thickness of the seed. In sowing all fine seed like Petunia, Begonia, Calceolaria, Coleus, Cyclamen, Carnation, Geranium, Primrose, prepare shallow boxes 2 inches deep, fill with fine pulverized soil, sow the seeds in rows 2 inches apart, which is preferred rather than broadcast; cover seed one-sixteenth of an inch with the finest of soil, then moisten well and cover with paper; if you have panes of glass to cover the box, it will keep the temperature more even and gather moisture, requiring little if any water until the seeds are up. Care should be taken to leave the glass open a little for a circulation of air. As soon as the seedlings appear, remove the paper and glass, give air and all the sun they can have, to make them grow strong and stocky; when they have shown second or third leaf, transplant into pots or cold frame. When weather is warm, plant in the open ground. Seeds of a hardy nature to germinate require a temperature of 45° to 70°, those of a tender nature not less than 60° at night or above 80° in the sun.

In order to insure safety from uncontrollable weather, of most kinds of flower seeds I would advise starting in boxes in the house, cold frame or hot bed, especially all the choice kinds, where the moisture, air and better care can be given them, as nearly all kinds are transplanted with safety.

As to *freshness, purity and quality*, all seeds offered in this catalogue will stand test beside the most reliable growers in this country. All who have not time to start seeds in boxes or otherwise, early, can follow

GENERAL DIRECTIONS FOR THEIR CULTURE.

HARDY ANNUALS may be sown in the months of May or June. For garden culture use a light fine compost, composed of garden soil and well rotted manure in equal parts, spreading a few shovelfuls where the seed is to be sown, to strengthen and increase the growth of the young plants; sowing the seeds where the plants are intended to bloom, and regulate the depth of sowing by the size of the seeds. As soon as the young plants are an inch or two high, thin out and keep the earth loose and free from weeds, by frequent hoeing.

HARDY BIENNIALS AND PERENNIALS require the same treatment as Hardy Annuals. In addition to the above, they may be sown in the open border in September, and, as soon as the frost appears, covered slightly with straw or dry litter, so as to protect them from the severity of the winter. As soon as the weather will permit in the spring, the covering should be removed and the earth loosened.

HALF HARDY AND TENDER ANNUALS should be sown in a light, sandy compost, in pots or shallow boxes, in March or April, placed in a warm room or in a moderate hot-bed. The finer seeds should be but slightly covered, and the soil pressed closely over them; and if the house or frame is very warm, they should be frequently watered. As soon as the seed leaf is fully developed, transplant into shallow boxes, two or three inches apart, and when they have acquired sufficient strength—which will be about the latter part of May—transplant into flower beds.

Seed should not be sown in the open ground, in this vicinity, before the middle of May. More failures are caused by too early sowing than any other cause. As soon as the ground becomes warm all seeds can be sown.

Climbers of Rapid Growth.—From seed.

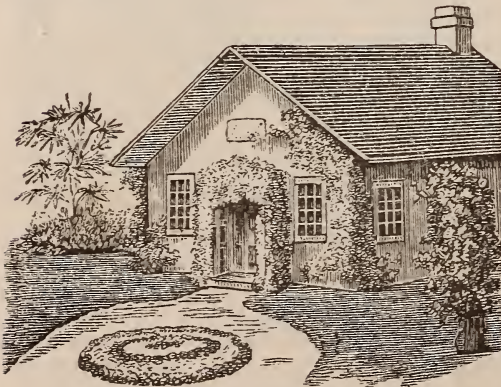
- | | |
|-------------------|-------------|
| Ornamental Gourd, | Dolichos, |
| Morning Glory, | Træcopolum, |
| Sweet Pea, | Adlumia, |
| Balloon Vine, | Cobæa. |
| Clematis, | |

Large Plants for Groups.

- | | |
|-------------|--------------------------|
| Canna, | Ricinus, or Castor Bean, |
| Hollyhock, | Sunflower. |
| Amaranthus, | |

Seed for Ribbon Beds.

- | | |
|------------|-------------|
| Alyssum, | Drummondii. |
| Aster, | Petunia, |
| Candytuft, | Pansy, |
| Centaurea, | Portulacca, |
| Dianthus, | Phlox, |



BEAUTIFY THE SCHOOL HOUSE.

Seeds in collection for same, 50 cents and \$1 selected from above.

Inducements to Clubs.

To those who may club together and send their orders in one letter, and for the purpose of encouraging such clubs, I offer the following terms:

Persons sending \$1 00	may select seeds at catalogue prices amounting to \$1 20
“ “ 2 00	may select, etc., 2 50
“ “ 3 00	“ “ “ 3 75
“ “ 4 00	“ “ “ 5 00
“ “ 5 00	“ “ “ 6 50
“ “ 10 00	“ “ “ 13 00
“ “ 20 00	“ “ “ 27 00

For \$30 Cash Premium, See Index.

No variation whatever will be made from above rates. Prices to dealers, whose orders exceed the above amount, will be given on application. They will be put together in separate packages and sent to one address, postage paid. I will make the same allowance to any one person ordering for himself alone. But bear in mind, this discount is allowed only on flower and vegetable seed ordered by the packet, not by the ounce or pound. All flower seed sent by mail on receipt of price.

All flower seeds not grown by myself are imported from the most reliable European growers, and thoroughly tested before sent out.

ABRONIA.

Extremely pretty creeping plants, with verbena-like heads of sweet scented flowers. Half hardy annuals.

PER P'KT. 10

Umbellata. Rosy lilac, ½ foot,

ACROCLINIUM.

One of the best of everlasting flowers, very extensively used for winter bouquets, for which purpose the flowers should be cut before they are fully expanded.

- | | |
|---------------------------------------|---|
| Acroclinium Album. Pure white, | 5 |
| Roseum. Bright rose, | 5 |
| Mixed Colors, | 5 |

ADLUMIA.

A beautiful climbing plant of graceful habit; hardy annual.

Adlumia Cirrhosa (Mountain Fringe). White, 15 feet. 5

AGERATUM.

Very valuable and showy plants for large clumps, blooming throughout the summer, and if lifted and potted in the fall and placed in the parlor or greenhouse, will keep up a succession of beautiful flowers all winter. Half hardy annual.

- | | |
|-------------------------------------|---|
| Ageratum. Pure white, | 5 |
| Mexicanum. Lavender-blue, | 5 |
| Dwarf Tom Thumb. Dwarf blue. | 5 |
| “ “ “ White, | 5 |

ANAGALLIS.

Dwarf compact, flowering plants; admirably adapted for ornamental baskets, rock-work, edgings, and small beds: succeeds best in light, rich soil, in a sunny situation; covered with flowers the whole summer; half hardy.

Choice Mixed. All shades, 10

ALYSSUM.

Very pretty little plants for edging or rock-work, blooming all summer, and are much used for bouquets on account of their delicate, honey-like fragrance.

- | | |
|--|----|
| Alyssum, Sweet. White, very sweet; hardy annual. Per ounce, 30 cents, | 5 |
| Wierzbeckii. White and yellow; hardy perennial. | 10 |

AMARANTHUS.



A very ornamental and much admired class of plants; very attractive half hardy annuals.
Amaranthus Caudatus (Love Lies Bleeding.) Red; graceful, 5
Bicolor Ruber. A beautiful novelty, 5
Hypocondriachus. (Prince's Feather.) Crimson, 5
Tricolor (Joseph's Coat.) Leaves red, yellow and green; very handsome, 5
Salicifolius. Plant pyramidal, leaves long, narrow and wavy, 10

AMMOBIUM.

A very useful everlasting for making dried winter bouquets; forming, also, a showy plant for the garden; hardy annual.
Ammobium Alatum. White. 5

ARISTOLOCHIA.

A hardy ornamental climbing plant, with curiously shaped flowers; hardy perennial.
Aristolochia Sophia, (Dutchman's Pipe); 30 feet. 25

ABOBRA.

Abobra Viridiflora. A rapid growing and exceedingly beautiful climbing gourd. It produces freely dazzling scarlet fruits, which form a striking contrast against the dark, glossy green of the foliage. 10 feet. Half hardy perennial. 10

ACONITUM.

(Monkshood, Wolfsbane.)

Showy hardy perennials, growing well under trees, shrubberies or other shaded situations.
Aconitum Napellus. Blue and white. 2 ft, 5

ASPARAGUS (Climbing.)

The finest of all the hardy climbers; it has the beautiful feathery foliage of the ordinary asparagus in the form of a graceful running vine; invaluable for decorative purposes; hardy perennial.
Asparagus Climbing. Bright red berries; very desirable; 10 feet, 25

ASPERULA.

A most profuse blooming hardy annual, attaining an average growth of one foot. The flowers, which are a beautiful light blue, are very sweet-scented and last a long time while in perfection.
Asperula Azurea Setosa. Blue, 10

ALONSOA.

Free flowering bedding plants, continuing in bloom until killed by frost; also, good house plants; half hardy.
Choice Mixed. Finest varieties, mixed, 5

AMPELOPSIS.

Veitchii. A slender growing climber of Virginia Creeper; much used for fronts of houses in New England. It takes 2 years to get good plants from seed. 15

ANTIRRHINUM (Snapdragon.)

One of the most useful summer and autumn flowering perennials, vieing with the Carnation in the variety of its stripes and spots.
Antirrhinum Majus. Fine striped varieties, mixed, 5
Tom Thumb. Best and brightest colors, mixed, 5

ADONIS.

Embrace several popular border flowers, of which I offer only the annual varieties. They are quite showy, remaining a long time in bloom; hardy annuals; sow seed in open ground.
Adonis. Mixed colors, 5

ASTER.



This race has been much improved within a few years. Among the most prominent are the Diamond, Crown, Goliath, Victoria, Truffaut's Perfection. Among the earliest to bloom for bouquet making are Pæonia Flowered Globe, Imbricated Pomponne, Pyramidal Bouquet. They delight in a rich, light soil; in hot, dry weather mulching is beneficial. The Aster grows to its greatest perfection when the nights are cool, followed during the day with bright sun; half-hardy annuals.

Aster, Truffaut's Pæony Flowered. Perfection Improved. Very

double, of fine form, round in shape, resembling a ball. About 25 shades mixed, 10

Truffaut's Fiery Scarlet. A new dazzling color, not yet existing among the tall varieties of Asters. 15

Truffaut's Blood Red, Brilliant Crimson, Pure White, 15

One packet each above 4 colors, 50 cents.

Pæony-Flowered Globe. (French.) The earliest flowering variety, 10 days in advance of T. Pæony-flowered; of branching habit; flowers very double, fine mixed colors, 10

Globe Flowered German. For florists and bouquet makers this is an excellent variety on account of its round, double, full form, medium-size flowers, and extreme earliness, blooming two weeks in advance of Truffaut's. About 18 varieties mixed, 10

Variiegated, Dark Crimson, Blue, Violet, White, Rose. Each color separate, 10c; or one packet each of the six colors separate, 50c.

French, Pæony-Flowered. 10
 This is a mixture of Pæony fl., Perfection, Chrysanthemum fl., Imbricated pomponne in many colors, extra fine, choice, double mixed, 10
 1/4 ounce, 50 cents. See cut next page.

Dwarf, Chrysanthemum Flowered. About 9 inches high; large flowers, compact in habit, blooming late when others are out of bloom; very desirable; choice mixed colors. 10

Dwarf, Chrysanthemum Flowered. Pure white, 15

Dwarf, Fiery Scarlet. A variety highly recommended for the brilliancy of its color, not before known among Asters; large-flowered; 10 inches high, 15

Half Dwarf Multiflora. A very fine and extremely free blooming class, mixed colors, 10

Pure White, Mauve, Red, 15

Diamond. Large-flowered, dwarf imbricate pomponne improved; extremely beautiful; 18 inches high; large flowers of greatest perfection, most brilliant in color. This class was especially recommended by the floral committee of the Royal Horticultural Society of London, and has become a general favorite. 10



ASTER, FRENCH PÆONY-FLOWERED. See page 43.

Crown, or Cocardeau. A very handsome variety, with large flowers, the centres of which are pure white, surrounded with many bright colors, 10

Betteridges, Quilled. An improved form of Quilled Aster. The flowers are of fine form and brilliant colors, 2 ft. Finest mixed, 10

Dwarf Pæonia Perfection. One of the finest of recent introduction; free and excellent habit; perfect in form, 15

La Superbe. Mixed Colors, 11

Imbrique Pompon. Perfect form, globe shape; mixed colors, 10

Newest Dwarf Bouquet. Good for edging or small beds; mixed colors, 10

Rose-Flowered. A splendid variety of beautiful pyramidal habit; the flowers are large and double; choice mixed, 10

Trophy. Pompon Globe improved. For general purposes the prettiest and most useful; altogether extremely showy, 15

Washington. The largest aster known, flowers five inches in diameter and perfectly double; one of the very best varieties; 4 colors mixed, 15

Goliath. Form large bushes from 2 to 2½ feet in height, covered with flowers immense in size, measuring upwards of 5 inches in diameter, and very double. Fine mixture of five colors, 15

Boltze's Miniature Bouquet Pyramidal. About eight inches in height. Constant in height and habit of plant. Pretty and extremely free-flowering, 10

Victoria. Dwarf; snow-white; a most beautiful variety; very double, and of globular shape; forms a compact plant, 10 inches in height, 15

Victoria, Mixed Colors. 10

12 packets selected from 12 varieties above Asters, mixed colors, for \$1.

AQUILEGIA, (Columbine.)

An extremely showy genus of early summer blooming plants; their plants being both in form and color strikingly beautiful; hardy perennials.

Aquilegia Alba Flora Pleno. Pure white; double, 10
Mixed Double. All colors—yellow, red variegated, etc., 10 sorts, 10

BRYONOPSIS.

A climbing annual of great beauty, bearing green fruits, which change in color, as the season advances, to bright scarlet striped with white. Half hardy annual.

Bryonopsis Laciniosa Erythrocarpa. 5
 10 feet.



TUBEROUS ROOTED BEGONIA.

BEGONIA.

Are used for planting in the garden for summer decorations, or as pot plants for the house or conservatory; or for forcing for cut flowers; are very easily grown. The flowers are beautiful, drooping, and of various colors. They are largely used in the construction of bouquets. Treat bulbs same as Gloxinia.



BEGONIA REX.

Begonia Rex. Saved from the very finest German Collections; extra fine mixed, 35

Begonia, Tuberous Rooted. (See Cut.)

Are summer bloomers and require about the same treatment as Gloxinias; very showy, free-blooming bedding or pot plants for the summer, ranging in all shades of white, yellow, rose, scarlet; brilliant and attractive. The seed offered is saved from the finest European hybrids, 20

Hybrida. Choice mixed, from finest winter-flowering varieties, 20

BROWALLIA.

Very handsome, profusely blooming plants, covered with rich and strikingly beautiful flowers; grows free in rich soil. Very desirable grown in beds; one and one-half feet. Half hardy.

Mixed. One-half foot, 5

BRACHYCOME.

Dwarf-growing plants, covered all summer with a profusion of Cineraria-like blooms. Half hardy annuals, 5

Brachycome Iberdifolia, (Swan River Daisy). Mixed, blue and white, one half foot, 10



BALSAM.

Like the Aster, one of the most useful of our annuals. It is a great favorite and continual bloomer, and flowers much used in arranging floral designs, baskets of flowers, etc. Being much improved of late, one would scarcely imagine the difference to the old flower. It is well adapted to our climate and produces flowers of the most complete doubleness in rich soil.



BALSAM.

of perfectly double balsams in cultivation. The seed I offer has been saved from an immense collection, and includes only the most perfect forms,

- Camellia Flowered.** Fine double, mixed colors. 10
 - Camellia-Flowered Spotted.** (German) Very double; the choicest; all spotted with white; mixed colors. 10
 - Extra Double Dwarf.** Very double; 6 inches. 10
 - Carnation.** Fine double flowers, striped like a carnation. 15
 - Solferino.** White ground, with narrow stripes and fine spots of red. 15
 - Challenger Prize.** The most magnificent strain of perfectly double balsams in cultivation. The seed I offer has been saved from an immense collection, and includes only the most perfect forms, 25
 - Camellia Flowered, New Double White Perfection.** An improved variety of this well-known plant. Double as a camellia; perfect in form; pure white; very desirable for florists. 20
 - Atrosanguinea Plenissima.** Splendid deep blood-red; true. 15
 - Double Yellow.** New, pale yellow. 15
 - Improved Rose-Flowered.** 30 self-colored varieties; extra double. 15
 - Improved Camellia-Flowered.** Eighteen varieties, mixed, extra double. 15
 - Imperialis.** The largest flowered, imbricated, double; perfectly constant; regularly spotted with white; magnificent; new. 15
 - Regalis.** The Royal Balsam; two colors mixed. 15
 - Victoria.** Highly colored and very showy—scarlet and white spotted. 15
 - Common Double.** Often but semi-double. 5
 - French Camellia-flowered.** Extra double; mixed colors. 10
- In separate colors, viz.:
- Crimson,** Per packet, 10
 - Scarlet,** 10
 - “ Spotted,** 10
 - Crimson “** 10
 - Rose,** 10

- Violet,** 10
- White,** 10
- Carnation Striped,** 10

PER. PKT

Collection of 8 distinct colors as above, 60 cents.

They are equal to the very finest offered in any collection.

- BALLOON VINE, (Cardiospermom.)** Ornamental climbing plant, useful for out-door decorations.
- Cardiospermom Helicacabum.** White; 5 feet; half-hardy annual, 5

BARTONIA.

Plants of a succulent character, with large golden flowers, expanding only in the middle of the day. When in perfection, this is a fine plant, and although its habit and foliage are less attractive than some other annuals, in size and brilliancy of blossoms it is inferior to none. Hardy annual. 5

Bartonia Aerea. Golden yellow, 2 ft.

Nana. A dwarf variety of above, growing but 9 inches high. 5

BELLIS, (Double Daisy.)

- A well known favorite, admirable for making edging, or for pot culture. Hardy.
- Bellis Perennis.** Finest mixed from choicest named varieties. 15
- Double Red.** 25

CACALIA, (Tassel Flower.)

Free growing, profuse flowering, hardy annuals, with clusters of pretty tassel-shaped flowers. 5

- Fine Mixed,** 5

CALANDRINA.

Very beautiful creeping plants, admirably adapted for planting in any hot situation, where they will produce their rose-colored flowers in profusion. Hardy annuals. 10

- Finest Mixed,** 10

CALENDULA.

- A very showy, free-flowering plant, producing a very pretty effect in mixed borders, and growing freely in almost any soil; hardy annuals.
- Calendula Officinalis,** (Garden Marigold) Fine orange; 1 foot. 5
- Le Proust.** Nankeen edged with brown; 1 foot. 5
- Meteor.** Light golden yellow, striped with intense orange; blooms from May until late in autumn. 10
- Pongel fl. pl.** A white hybrid Marigold, with double flowers; 1 foot. 10

CAMPANULA.

This is one of the most useful and beautiful tribes of perennials. Many of the varieties if sown early in the spring, will bloom the first year. 5

- Mixed Colors,** 5

CALLIRHOE.

- Beautiful free-flowering plants; excellent for beds or masses; hardy annuals.
- Callirhoe Pedata.** Purple crimson with white eye; 2 feet. 10
- Involucrata.** Beautiful hardy perennial; 1 foot. 10

CASTOR OIL BEAN, (See Ricinus.)

CALCEOLARIA.

Plants form in spring dense masses of their beautiful pocket-like flowers. Sow seed in August or September, or during the winter.



CALCEOLARIA HYBRIDA.

Calceolaria Hybrida Superba. Saved from the finest formed and most beautifully marked varieties. 35
Shrubby. Splendid varieties for bedding; finest mixed. 25
 The above seed was saved from choicest collections, being awarded first prizes.

CANARY BIRD FLOWER. (Tropeolum Peregrinum.)

An exceedingly ornamental creeper, with bright, fringed, yellow flowers, and neat, finely divided foliage; hardy annual.

Canary Bird Flower. Yellow; 10 feet, 10

CALLIOPSIS, OR COREOPSIS.

The tall varieties are very effective in mixed borders, while the dwarf, from their compact habit, are well adapted for beds; hardy annuals.

Calliopsis, Bicolor Tinctoria. Yellow and brown, 3 feet, 5

Coronata. Rich yellow disc, encircled with crimson spots; 1½ feet, 5

Finest Mixed Varieties, 5

CANDYTUFT, (Iberis.)

Hardy annuals, too well known to require any description.

Candytuft, Crimson. Rosy lilac, 5

Purple. 1 foot, 5

White Rocket. White, in long spikes, 5

White, Sweet Scented. Slightly fragrant, 5

White. Oz., 30 cents; 5

Dunnett's. Extra dark crimson, 5

Lilac. Blush lilac, 5

Above Colors Mixed. Oz., 25 5

CANNA, (Indian Shot.)

A magnificent genus of stately plants, remarkable for their large and handsome foliage; invaluable for groups in the flower garden, producing a most luxuriant and tropical appearance.

Canna, Finest Mixed, 5

CARNATION.

Few equal the Carnation in form, color, exquisite fragrance and freeness to bloom. The seed has been saved from the most superior collection, and only the best results should be obtained. Seed can be sown in open ground or under glass in the spring. The plants will flower the second year, and those which prove single and inferior, can be pulled out. Young plants, being hardy, will live through the winter, while old ones are killed. It is best to sow seed or increase by layers, in order to keep a succession of flowers. Give them a good, rich soil.

Carnation. From extra fine, double, very choicest, from open ground seed, mixed colors, 10



CARNATION.

Perpetual Flowering, or Tree. The seed saved from the celebrated collection of ALEGATIERE. Extra fine mixed colors, saved from pot grown plants, 35

Good mixed German, 20

Picotee. Have white or yellow ground, spotted at the edges with scarlet, red, purple or other colors. I offer seed saved from 25 named varieties, mixed, 35

Bizarre, Flakes and Selfs. Bizarres are variegated in irregular spots and stripes, not less than three colors. Flakes are striped, two colors only. Seed saved exclusively from pot grown plants in great variety, in mixtures, 35

Good mixed German, 20

Scoticus. Double Florist, or Scotch pinks, saved from the very best varieties of Show Pinks; selected; extra choice, double, 25

Double White, 25

Grenadin. Highly valuable to florists and bouquet-makers; blooming three weeks earlier than other varieties, in a great profusion of double, scarlet flowers, 20

One packet of each above 6 choicest kinds, in 6 separate packets, \$1.25

One large packet of the above varieties, all mixed in one, \$1

(Pinks, also see Dianthus.)



CELOSIA.

CELOSIA, (Coxcomb.)

Magnificent plants, producing in the greatest profusion, spikes of the most beautiful feathery-looking flowers. Half-hardy annuals.

Japonica. A variety of great beauty. The branches are scarlet or crimson; often in pyramidal masses, while the colors are the brightest imaginable, 10

Dwarf Crimson, PER PKT 10
Fine Mixed. All colors. 5
Glasgow Prize. A splendid, distinct, dwarf variety, with dark foliage and crimson combs, 15



COBÆA.

COBÆA.

A beautiful, rapid growing climbing plant, with large, handsome, bell shaped flowers. Sow early and plant out about June 1st. In sowing plant the seed edgewise and cover lightly; tender annual.

Cobæa Scandens. Purple; 20 feet, 10

CANTERBURY BELLS, (Campanula Medium.)

Very attractive and well known border plants; hardy biennials.

Finest Mixed, 5

CLARKIA.

An old and favorite annual; hardy.

Best Double Mixed, 5

“ Single “ 5

CENTAUREA.

All the varieties here named are the best silver-foliaged plants in cultivation; half-hardy perennials.

Centaurea, Americana. A strong growing annual variety; flowers, reddish purple, 5

Candidissima. Splendid silvery leaved plant; 1 foot, 25

Clementii. A new, robust, and free-growing variety, producing crowns of silvery leaves, deeply fringed and cut; 6 in., 25

Gymnocarpa. A very graceful silver-foliaged variety; 1½ feet, 25

Caynus. Known as “Bachelor’s Button,” Mixed colors, 5

CENTRANTHUS.

Exceedingly pretty, free-flowering plants, from six inches to one foot high, and very effective in beds or borders. Annual, 5

Mixed, 5

CLIANTHUS DAMPIERI, (Glory Pea)

One of the most important plants in cultivation. A shrubby climber, with neat foliage and drooping clusters of large, rich scarlet, pea-shaped flowers 4 inches in length. It requires a dry, warm soil, and should be watered but sparingly. Remove to the house when cold weather comes. Annual, 25

CLEMATIS.

Beautiful, hardy climber, unrivalled for covering arbors, fences, verandas, etc. Succeeds in any good garden soil.



CLEMATIS.

Flammula. White; very fragrant; 15 ft, 10

Jackman’s Hybrida, 25

Virginiana, 15

Coccinea. A new scarlet flowered variety of rapid growth and profusion of bloom; highly valued. 25

Cirrhosa. White, 20

CONVOLVULUS.

The climbing varieties, C. Aureus Superbus and C. Major, or Morning Glory, produce a fine effect when grown on rock-work, stumps of trees, or banks, and when trained over trellises, rustic work or rough fences, the beauty and delicacy of their color are unsurpassed. C. Minor and its varieties are admirably adapted for beds and mixed borders; half-hardy annuals.

Aureus Superbus. Beautiful golden yellow; 6 feet, 15

Major. (Morning Glory.) Fine mixed varieties. 12 sorts mixed. Per oz., 20 cents. 5

White. Striped violet, 5

White, 5

Rose, 5

Dark Red, 5

Violet, 5

Minor Tricolor. Violet, purple and white; 1 foot. Per oz., 25 cents. 5



CINERARIA HYBRIDA.



DIANTHUS HEDDEWIGII.

- Heddewigii.** Large single flower, 3 inches in diameter; beautiful rich colors, often finely marked, choicest mixed. 10
- Heddewigii fl. pl.** Usually quite double, 10
- Barbatus.** (Sweet William). 10
- Scoticus.** Florist pink, (see Carnation), 25
- Lacinatus.** Flowers very large, sometimes 3 inches in diameter; petals finely fringed and beautifully colored. 10
- Lacinatus fl. pl.** Large, double flowers, deeply seriated. 10
- Heddewigii Diademtus Fl. Pl.** (Diadem Pink.) Brilliant markings and dazzling colors. 10
- Gardnerianescs.** Various shades, finely fringed, double fragrant. 10
- Moschatus.** (Double Garden Pink.) From choice, double varieties. 20
- Eastern Queen.** Beautifully marbled, the broad bands of rich mauve upon the paler surface of the petals are very striking and pretty. 10
- Crimson Belle.** Is of a rich crimson color; flowers of a very large size and substance, evenly and finely lacinated. 15
- Hybridus fl. pl.** Large flowering; double; in splendid mixtures. 5

DAISY, Double.

(See Bellis Perennis.) 15

DIGITALIS, (Foxglove.)

Ornamental plants of stately growth and varied colors; hardy perennials. 5

Fine Mixed Varieties.

DATURA, (Trumpet Flower.)

An ornamental plant, many of which possess attractions of the highest order. In large clumps or borders of shrubbery they produce an excellent effect. The roots may be preserved in sand through the winter in a dry cellar. Half-hardy perennials. Mixed, 5

DOLICHOS, (Hyacinth Bean.)

Beautiful climbing plants of free growth, flowering in clusters; tender annuals.

- Lablab.** Purple; beautiful in fall, 5
- Alba.** White, 5
- Mixed,** 5

ERYTHRINA, or Coral Tree.

Half hardy shrub. The gorgeous spikes of scarlet flowers, from one to two feet long, with which it covers itself, bear a resemblance to coral. Although a tropical plant, it grows freely out of doors if placed in a warm situation. Cut it down to the ground before frost, and protect it in a cool dry cellar during the winter. 25

ESCHOLTZIA.

Very profuse flowering plants of extremely rich colors; hardy annuals.

- Fine Mixed.** All colors, 5

EUPHORBIA.

Euphorbia Variegata. A very showy hardy annual, with beautiful white and green bracts, 10

FORGET-ME-NOT. (See Myosotis,) 5

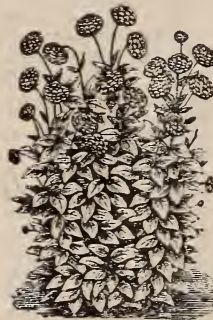
FUCHSIA.

My seed of this well known and popular plant has been saved from a splendid selection, consisting of the finest named varieties; half-hardy perennials.

Fuchsia. Double and single, extra choice mixed, from mixed varieties. 35

FRENCH HONEYSUCKLE. (See Aquilegia.)

DAHLIA.



DAHLIA.

A splendid autumn-flowering plant. Our seed has been saved from the finest named sorts; half-hardy perennials. 25

Extra Fine. Double dwarf, from prize flowers. 25

Single. Finest single. mixed, 20

ECHEVERIA.

Very popular plants for bedding or pot culture.

A group composed of the different varieties can be made one of the most attractive objects in a flower garden. Mixed. 25

GAILLARDIA.

A class of plants remarkable for the profusion and brilliancy of their flowers; very effective and showy; half-hardy annuals, 10

GLADIOLUS

The seed I offer has been carefully saved from the finest named hybrids. Half-hardy bulbs. See special list of summer bulbs, page 23.

Gladiolus. From the finest named varieties, French Hybrids mixed. 15

Small Bulbs. Saved from the finest named varieties. Most of them will produce flowering bulbs for next season. 10

Twenty small bulbs, from good mixtures, 10

GILIA.

Very pretty dwarf plants; will bloom in almost any situation; hardy annuals.

All Colors Mixed. Per ounce, 75 cts. 5



FRENCH ODIER PELARGONIUM.

GERANIUM, (Pelargonium.)

Except Verbena, the Geranium is now cultivated more than any other plant. Its freedom from insects and disease, easy culture, bright and varied colors, free blooming qualities, render it one of the most popular plants for house, bedding or garden culture. The seed offered below has been saved from the choicest foreign and American collections, comprising all shades and colors.

- Zonale.** Good mixed. 10
- “ Seed saved from my collection of over 150 varieties of double and single mixed. 15
- “ **Double.** Selected from the most superior varieties, giving wide range of colors, artificially fertilized by one of the most skilled growers in the world, and is believed to produce a large percentage of double flowers. 35
- Fancy Pelargonium French Blotched or Odier.** Sometimes known as Lady Washington. Seed saved from the very choicest first-class flowers selected. (See cont.) 25
- New Golden Bronze.** Saved from celebrated strains; has gained many first-class prizes, 25
- Golden Tricolor.** Hybridized with great care, and saved from the best varieties only, 25
- Ivy Leaf.** From best named varieties, 25
- Apple Scented.** A sweet-scented variety, much prized for its leaves, 25
- One pkt. each of above 8 varieties, \$1.30 by mail, prepaid. Retail price, \$1.85.

GRASSES, Ornamental.

Many of the varieties are very curious and beautiful, and when dried and tastefully arranged in connection with the Everlasting Flowers, make exceedingly attractive winter bouquets. They are mostly annuals, and those which are not—with the exception of Pampas Grass—flower the first year. The plants should be transplanted or thinned out sufficiently to afford space for the growth of each, as soon as they can be handled. This will allow them to develop their true character.

- Agrostis Nebulosa.** Exceedingly graceful and beautiful; one of the most elegant of Ornamental Grasses. 5
- Avena Sterilis.** (Animated Oats), 2½ ft, 5
- Briza Maxima,** (Large Quaking Grass.) Very elegant; one of the best; 1 foot, 5



BRIZA MAXIMA.

- Briza Gracilis.** (Slender Quaking Grass). 1 ft. 5
- Brizopyrum Stenium.** Very dwarf, with shining leaves; very pretty; 6 inches. 10
- Bromus Briziformis.** A fine grass resembling Briza Maxima; ¾ foot, 10
- Chloris Barbata.** Pretty and curious; 1 ft. 5
- Cyrcurus Cynosuroides.** Very dwarf, with yellowish feathery spikes; useful for small bouquets. 5
- Coix Lachrymæ,** (Job's Tears.) 2 ft. 5
- Eragrotis Elegans,** (Love Grass.) Elegant and pretty; 2 feet. 5
- Festuca Glauca.** Very dwarf and pretty; useful for border and marginal lines, 5
- Gynerium Argentium,** (Pampas Grass), and the finest ornamental grass in cultivation; 10 ft. 10
- Lagurus Ovatus,** (Hare Tail Grass). Small white plumes; hardy annuals. 5
- Penisetum Longistylum.** A very graceful grass; 1½ feet, 5
- Stipa Pennata,** (Feather grass). Exceedingly graceful and beautiful perennial; 2 feet, 10
- Hare Tail Grass,** 5
- Gymnothis,** 10
- Japanese Maize,** 5



GLOXINIA, FRENCH HYBRID.

Summer blooming bulbs for the house or conservatory, representing a great variety of colors, velvety purple, crimson, carmine, rose, blue, white, etc. Sow seed in February, March and April, as directed for tender seed; it can also be sown in August or September.

- Gloxinia.** Seed saved from French Hybrids of finest named varieties of recent introduction, (see cont.) Extra fine mixtures, 25
- Hybrida Grandiflora.** Noted for its large succulent leaves almost covering the entire pot, and numerous flowers in form of a bouquet. For variety and brilliancy of color it is unsurpassed, 25

GYPSOPHILA.

Free-flowering little plants for rock-work or small beds.

Paniculata. White; fine for bouquets; hardy perennial. 5

GLOBE AMARANTHUS, (Gomphrena.)

Remarkably handsome everlasting. The flowers may be cut in summer and preserved for winter bouquets; half-hardy annuals.

Globe Amaranthus. White; 2 feet, 5
Purple. 2 feet, 5
Golden. 2 feet, 5
Variegated, 2 feet, 5
Mixed. All colors. 5

GODETIA.

Very attractive hardy annuals, all well deserving of the most extensive cultivation. Their profusion of bloom and delicate tints of color have rendered them universal favorites.

Lady Albemarle. Flowers 3 inches across, of intense carmine crimson, 10
Duchesse of Albany. Large, satiny white and very attractive. 15
Fine Mixed. All colors. 5

GOURD. ORNAMENTAL, (Mock Orange.)



ORNAMENTAL GOURD.

Of rapid growth, with luxuriant and ornamental foliage, and bearing fruit of the most varied and fantastic forms. Very desirable for trellis-work and festooning; tender annual.

Ornamental. Fine mixed varieties. 10

CUCURBITA, or Gourds.

These grow rapidly, and produce some of the most peculiar and fantastic forms of fruit found in the vegetable kingdom.

Leucanthe Longissima. Very curious; 5 feet long. 10

CUCUMIS, (Gourds.)

Ornamental Cucumbers with curious fruit, remarkable for the luxuriance and rapidity of their growth. Half-hardy annuals.

Dipsacens. Sulphur yellow; very elegant. 10
Flexuosus, (Snake Cucumber.) Fruit, three feet long. 10
Grossularia, (Gooseberry Gourd,) 10

HELIOTROPE.

Well known, deliciously fragrant plants, excellent for bedding purposes or pot culture; half-hardy perennials.

Fine Mixed, 10

HELIANTHUS, (Sunflower.)

Very handsome varieties of Sunflower, remarkable for their stately growth and the brilliancy and size of their flowers; growing in a pyramidal form to an immense height; hardy annuals.

Californicus. Extra large and double; 5 ft. 5
Globosus Fistulosus. Flowers very large and globular, formed of a bright, rich saffron color; finest double; 6 feet. 5
Macrophyllus Giganteus. A large growing variety, of pyramidal form. 5
Oculatis Viridis. Densely double, with green centre. 5
Common Sunflower. Oz., 20; 5
New Mammoth Russian. Very large, capital for egg producing food for poultry, keeping them healthy, and in fine condition to increase the supply of eggs, and the leaves are good fodder for cows; oz., 20. 5
Oscar Wilde. One of the best varieties for grouping or massing, with distinct dark centre, 5

HONESTY (Lunaria.)

A hardy biennial, two feet high, flowering the second year in May and June. The flowers are succeeded by single, semi-transparent seed vessels that are quite ornamental, and may kept for a long time. 5

HOLLYHOCK.

This plant is very popular for autumn decoration; its stately growth and varied colors demand a place in every garden or pleasure ground. If sown early in heat, the plants may be in bloom the first year; hardy perennials. (See cut.)

Hollyhock, choice mixed. Saved from Charter's prize varieties, extra choice. 20

Fine Mixed. From choice mixed European varieties. 10

Choice Double. In separate colors of white, crimson, yellow, rose, salmon, purple; each color. 25



HOLLYHOCK.

The six colors in six separate packages for \$1.25.



HELICHRYSUM. (Everlasting Flower.)

Exceedingly effective in the flower border, and indispensable for winter bouquets, for which cut

before the blooms are expanded, and dry in the shade; hardy annuals. (See Cut.)
Monstroscum. Yellow, 1½ feet, 5
Album. White 1½ feet, 5
Finest Double Red. 2 ft, 5
Nanum. Dwarf crimson, 5
Finest Mixed. All colors. 5

ICE PLANT.

A very singular dwarf trailing plant, much used for garnishing; half-hardy annual.
Ice Plant. (Mesembryanthemum,) trailer, 5

JACOBÆA (Senecio.)

A useful and exceedingly showy class of gay colored, profuse blooming plants; delight in a light, rich, soil; hardy annual.
Jacobæa. Fine mixed double varieties, 10

IPOMEA.

The genus contains the most beautiful and varied flowers. For covering arbors or stumps of trees, they are invaluable; tender annuals.
Fine Mixed, 10

LOBELIA.

Their delicate, drooping habit and the profusion of their charming little blue and white flowers, render them exceedingly ornamental for vases or hanging baskets, while for border cultivation they are almost indispensable; half hardy annuals.
Erinus Albo. Pure white, ½ foot, 10
Paxtoniana. Fine habit; pure white with sky-blue belt, ½ foot, 10
Speciosa. One of the most effective varieties for bedding, ½ foot, 10
Crystal Palace Compacta. Beautiful new variety, 10
Finest Mixed Varieties. 10

LARKSPUR. (Delphinium.)

A beautiful genus of plants, blooming in the greatest profusion, and of the most beautiful colors; hardy annuals.
Dwarf Rocket. Finest mixed double; 1 ft, 5
Tall Rocket. Finest mixed double, 2½ ft, 5
Consolida. Double branching; fine for cutting, 5
Emperor. Fine compact plants of brilliant colors, 5

LANTANA.

Brilliant rosettes of blossoms in various hues of pink, purple, orange, etc. Excellent either for pot culture or the open ground; half-hardy perennial.
Hybrida. Finest varieties mixed, 10

LAVENDULA.

Chiefly cultivated on account of the delicious fragrance of the leaves; succeeds in any garden soil; hardy perennial.
Lavendula Spica. (Lavender.) 5

LUPINUS.

Highly ornamental, beautiful and free flowering garden plants, with long, graceful flower-spikes, of rich and varied colors, valuable for mixed flower borders; hardy annuals.
Lupinus. Mixed colors, 5

LATHYRUS (Everlasting Pea.)

Showy, free flowering plants, growing in any common soil; very ornamental on trellis work, old stumps, or for covering fences or walls; hardy perennials.
Lathyrus. Finest mixed, 10

LINUM.

A beautiful class of plants, of brilliant and varied colors,
Linum. Finest mixed,

LYCHNIS.

Very handsome and useful perennials, effective in mixed flower and shrubbery borders; varying in different shades.
Lychnis. Mixed colors, 5

MARIGOLD.

Their rich and varied colors produce a splendid effect in almost any situation. The African is the tallest and most striking in large beds, while the French varieties are admirably adapted for small beds; half-hardy annuals.
African Quilled. Lemon color; 2 ft; mixed colors, 5
French Dwarf. They form low compact bushes with masses of brilliant red and yellow double flowers; mixed colors, 5
Prince of Orange. See Calendula.
Signata Pumila. A compact bush, covered with thousands of bright yellow blossoms; half-hardy annual; 1 ft, 10

MARVEL OF PERU.

The flowers of this class are varied and beautiful, and produced in great abundance; half-hardy perennials.
Marvel of Peru. Very finest mixed, 5

MAURANDIA.

These beautiful summer climbers cannot be too highly recommended; bloom the first season from seed. Half-hardy perennials.
Mauraudia Alba. White; 10 feet, 10
Rosea. Rosy pink; 10 ft, 10
Finest Mixed Colors. 10

MIGNONETTE.

A well known favorite, highly esteemed for its fragrance; hardy annuals. (See cut.)



Reseda Odorata.
Grandiflora. Large flowered variety; oz., 20c, 5
Parsons' White. Flowers nearly white, 5
New Spiral. A distinct variety producing spikes 8 to 10 inches long, very fragrant, strong grower and abundant bloomer; ¼ oz., 25, 10

New Golden. New; flowers or a golden hue; very effective, 15

Diamond Grandiflora. New, large, white flowering, 25

MIMOSA, (Sensitive Plant.)

Pudica. A very interesting and curious plant, its leaves closing if touched or shaken; half-hardy annuals, 5

MORNING GLORY.

Morning Glory. (See Convolvulus.) Finest mixed, 20 ft, 20c per oz., 5
Morning Glory. In separate colors of white, striped rose, dark red, dark blue, violet, rose, 5

Price and Collection,
see next page.



1



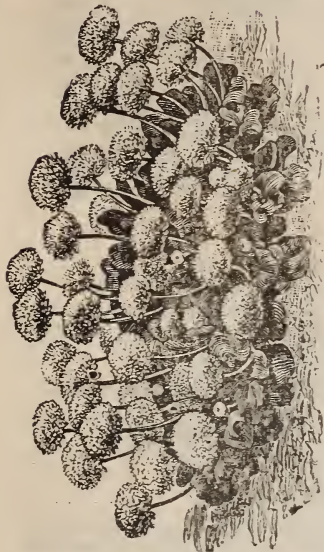
2



3



4



6



7



8



9



10



11



12



13



14



15

Below Collection, see page 53.

1, Spiral Mignonette; 2, Godetia; 3, Adlumia; 4, Morning Glory; 5, Double Daisy; 6, Double French, Camellia Balsam; 7, Gladiola; 8, Aboria; 9, Dwarf French Marigold; 10, Multiflora Aster; 11, Candy-tuft; 12, Canary Bird Flower; 13, Helichrysum; 14, Amaranthus Candatus; 15, Marvel of Peru.

Above collection amounts to \$1.15 at catalogue rates; will mail the 15 sorts, mixed colors, for 85c; see illustrated page 53.

MYOSOTIS (Forget-Me-Not.)

The different species of this popular genus are very beautiful, and too well known to need recommendation; succeeds best in moist situations; hardy perennials.

Myosotis. Fine mixed, 5

MIMULUS, (Monkey Flower.)

Strikingly handsome flowers, making bright ornaments for the conservatory, greenhouse or general flower garden. Seed sown in spring make fine bedding plants for summer blooming, while seed sown in autumn produces very effective early flowering greenhouse plants; half-hardy perennials.

Hybridus. Choice mixed, 10
Musk Plant. 10

MYRSIPHYLLUM (Smilax.)

There is no climbing plant in cultivation that surpasses this in the graceful beauty of its foliage. Its peculiar, wavy formation renders it one of the most valuable of all plants for vases or hanging baskets, as it can be used either to climb or droop as required; in cut flowers it can be considered indispensable, 20

NEMOPHILA.

This is one of the most charming dwarf hardy annuals, of very neat, compact growth; blooms freely all summer.

Nemophila. Fine mixed, 5

NIEREMBERGIA.

Charming little plants which flower profusely during the whole summer; well adapted for hanging baskets and edgings; half-hardy perennial.

Frutescens. White, 10
Gracillis. Slender lilac, yellow eye, 10

NOLANA.

An extremely beautiful, free flowering genus of trailing plants, the flowers resembling the Convolvulus Tricolor, but softer in color, while some are beautifully penciled; fine for rock work, hanging baskets, old stumps, etc.; hardy annuals.

Nolana. Fine mixed, 5

NASTURTIIUM.

Plants blooming throughout the summer and fall; being of rapid growth, the tall varieties make an excellent cover for old walls, trellises, etc., while the dwarf varieties, from their close, compact growth and richly colored flowers, are among the most popular of bedding plants; half-hardy annuals.

Dwarf Dark Crimson, 5
Crystal Palace Gem. Yellow spotted maroon, 5

Dwarf Spotted, 1 foot, 5
" **White,** 5
" **Rose color, (new.)** 5
" **Scarlet,** 5
" **Yellow,** 5
" **King of Tom Thumb.** Flowers scarlet; foliage dark, 5
" **King Theodore.** Foliage dark; flowers black, 10
" **Mixed, Tom Thumb,** 5

Tall Spotted, 10 feet, 5
" **Scarlet, Striped,** 5
" **Scarlet,** 5
" **Purple Violet,** 5
Above Mixed, Tall, 10 ft, 20c oz., 5



NASTURTIIUM.

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

Interesting, free flowering plants, of the easiest culture, growing in any garden soil; hardy annuals.
Nigella. Fine mixed; 3/4 feet, 5

ENOTHERA, (Evening Primrose.)

A very beautiful, free flowering and useful class of plants, flowering generally in long spikes.
Fine Mixed Varieties, 5

OXALIS.

Very attractive and beautiful plant, with richly colored flowers, suitable for greenhouse decoration, or for rock work, rustic baskets and out-of-doors; half-hardy perennials.
Finest Mixed. All colors, 10



DOUBLE PETUNIA.

PETUNIA.

The Double Petunia is much prized as a house plant, and as market plants for the florist they are highly valued. The improvements in this class during the past few years are perfectly wonderful, forming, as they now do, such doubleness and deeply cut or fringed petals, render them highly effective and beautiful decoration plants; half-hardy perennials.

New Double Fringed Grandiflora Fimberata. This strain always yields 25 to 30 per cent. of double flowers, fringed; rich and delicate tints, and variegated in great variety; seldom fails to receive the highest praise. 50

New Double Dwarf Robusta Flora Plena. Its growth is compact and symmetrical, ranging in many colors, producing flowers so freely as to often represent an arranged bouquet, 50

New Double Flora Plena. This strain is saved from carefully fertilized flowers, and will produce a large percentage of double flowers, blotched and striped, 25



SINGLE PETUNIA.

The Single Petunia is beautiful and effective for massing in beds, and much cultivated as house plants. Being in delicate seed, it is best to start them under glass in February, March or April, and will commence to bloom in June and continue for the season if planted in the open ground in May. Many superior strains of Single Petunias have recently been introduced of great merits.

Hybrida Grandiflora. From the best German collections, large flowers, blotched, fringed, mottled, variegated and green edge, of unsurpassed quality; finest colors mixed, 15

Grandiflora Marginata. Large; bordered and veined with green, 25

Fimberata Maculata. Large flowers of the finest colors; fringed, blotched and striped, 25

Dwarf, Nana Compacta. Dwarf, compact habit, a most profuse bloomer, with mottled, blotched and striped flowers, 15

Allen's Selected Fringed. This seed is saved from the very best single varieties, comprising all shades and colors of fringed, blotched striped and plain colors, green edge, etc., 25

Common. Blotched and striped, 10

Common. Mixed, 5

Countess of Ellsmere. Pink; white throat, 10

PORTULACAS.

These brilliant hardy annuals produce in summer variously colored, showy and attractive flowers in greatest profusion. The Double Portulaca is one of the most showy and desirable, and has proved quite constant from seed.

Grandiflora Fl. Pl. Double. Seed offered has been saved with the greatest care from the most double flowers, and of the brightest colors, 15
Single. Mixed colors, 5

PYRETHRUM, (Feverfew.)

Very handsome and interesting herbaceous plants, succeeding in any garden soil; hardy perennials.

Hybridus Fl. Pl. New varieties of this beautiful, hardy plant, saved from double flowers only, 15

Lanceinatum Aureum. (Golden Feather.) Bright golden foliage; one of the best bedding plants; deeply cut leaves, 10

Golden Gem. One of the best varieties for massing in lines or otherwise; flowers double, 10



PANSY.

Sow the seed any time from September to March. For summer flowering sow any time in February, March or April, in shallow boxes in the house or in hot beds in light soil, covering the seed lightly and press the soil firmly; water and keep the soil moist until the seedling plants appear. The Pansy seed germinate best in a temperature of fifty to sixty degrees. As soon as two or three of the leaves appear, transplant in shallow boxes. A cool room is the best to keep them in until the ground becomes warm enough in the spring, when they may be planted out at once. To those who have a hot bed or cold frame, it would be best to let them remain a few weeks before planting out. The great improvement made in the Pansy has rendered them extremely popular. For massing in flower beds, their bright and lively faces together with their rich and beautiful colors, render them indispensable to the flower garden. New sorts; see Novelties.

Alba. Pure white, generally coming true from seed, 10

King of the Blacks. Almost coal black, coming true from seed, 10

Emperor William. Fine; large flower; ultramarine blue with purple violet eye, 10

Purple. Very fine; several shades, 10

Blue. Extra fine; several shades, 10

Striped and Mottled. Very showy, 10

Yellow Margined. Beautiful color, with margin or belt of yellow, 10

Mahogany-color. A very fine variety, 10

- Bronze-color.** Very good, 10
- Red.** Bright copper colors, but not strictly red, 10
- Snow Queen.** Fine, pure white, 15
- Lord Beaconsfield.** Violet, shaded to white, 15
- Ozier, or five blotched.** A French variety of great beauty, each petal being distinctly blotched like the Geranium, some with pure white margins, other with bright golden borders, 20
- Pure Yellow.** Generally true to color, 10
- Pure Black.** Extra large flower and fine form; pure black, without eye; a constant bloomer and free bedder, 10
- Improved Large Flowering.** Mixed colors, 15
- Mixed.** Good mixed, 10
- IMPROVED LARGE FLOWERING FANCY PANSIES.** (See Novelties.) They are among the finest in cultivation.

PAPAVER (Perennial Poppy.)

The varieties under this head have immense flowers and are remarkable for their rich and striking colors; hardy perennials.

- Papaver.** Fine mixed, 10

POPPY.

Plants are large, brilliantly colored flowers, growing freely in any common soil.

- Carnation.** Double, mixed colors; 2 ft.; hardy annuals, 5
- French.** Dwarf mixed; 2 feet, 5
- Paeony-Flowered.** Double; 2 feet, 5
- Somiferum.** (Opium.) White, 5

PINK. (See Carnation.)



DOUBLE PRIMULA. ORNAMENTAL GOURD, page 51

PRIMULA (Chinese Primrose.)

For the house or conservatory in winter the Primula ranks first as a continual bloomer requiring the least care and sun, and most free from insects of any plant in cultivation, producing flowers in the greatest profusion. The seed is saved by one of the largest European growers, who is noted for his superior strain of Fringed Primulas, it being his leading specialty. Sow seed in March or April, and you will have fine plants for winter blooming. Great perfection has been made with these flowers within a few years.

- Finest Single Fringed.** Red, 25
- “ “ “ White, 25
- “ “ “ Striped, 25
- “ “ “ **Elegantissima.** Deep crimson, marked at the borders with light spots, 50
- Very Finest Single Fringed.** Mixed, 25

- Alba Magnifica.** Flowers of immense size and fine substance, almost double, pure white and deeply fringed, 50
- Fringed Double White.** A large percentage will come true from seed, 50
- Fringed Double.** Red, 50
- “ “ Mixed, extra fine, 50



PHLOX DRUMMONDII.

The Phlox Drummondii is one of the most useful annuals cultivated. For massing in groups, or arranging in ribbon lines, I think there are no flowers, obtained with so little care and expense, that give such an abundance of rich flowers; being the most desirable of the whole class of annuals. The colors ranging as given below. The seed sown in cold-frame, hot-bed or dwelling house, in seed box, gives them an early start, ready to be planted in the open ground four to six weeks later. They will soon show bloom and continue until killed by hard frosts. It can be sown in open ground, but is more safe to start in seed boxes, the seed generally comes better, therefore more plants will be obtained. Set the plants 8 to 12 inches apart. For ribbon lines, white, scarlet, rose, blue and purple should be set, to give a good contrast in color.

- Black Warrior.** Dark purple, 10
- Pure White,** 10
- Occlusata.** White with purple eye, 10
- Coccinea.** Deep scarlet, 10
- Isabellina.** Pale yellow, 10
- Leopoldi.** Bright rose, white eye, 10
- Rosea.** Pure rose color, 10
- Marmorata.** White tinged rose, 10
- Washington.** Violet purple, white throat, 10
- Prince Bismark.** New; purplish-red, white margin, 10
- Radovitz.** Rose, striped white, 10
- Grandiflora Splendens.** The flowers are large, bright scarlet, with a conspicuous white eye, the centre of which is encircled with a well defined violet edge, 10
- Grandiflora Splendens Mixed.** The flowers larger than the common variety, and constant; very choicest mixed colors, 10
- Heynholdi.** Bright scarlet, dwarf and compact, 10
- William I.** Crimson, white stripe, 10
- Perfection** Dwarf; best for ribbon lines or pot culture; bright scarlet flower, 15
- Finest Mixed.** 10
- Scarlet Fringed,** 10
- Decussata.** Hardy perennial phlox, 10
- Alba Rosca.** Striped and fringed, 15
- Vick's New Double White.** Appears to be a robust, half-dwarf variety coming quite true from seed, 25

PERILLA.

Ornamental foliaged plant, with blackish purple colored foliage, forming a fine contrast to the

silvery foliage of *Cineraria Maritima*, the *Centaureas*, etc., grows freely in any soil; half-hardy annual.

Nankinensis. Leaves deep mulberry 1½ ft, 5

RHODANTHE.

Everlasting flowers for winter bouquets. Succeeds best in a light, rich soil, and a warm, sheltered situation; half-hardy annual.

Maculata. Bright rosy crimson, yellow disc, 5

Alba. Pure silvery white. 5

Mixed Colors, 5

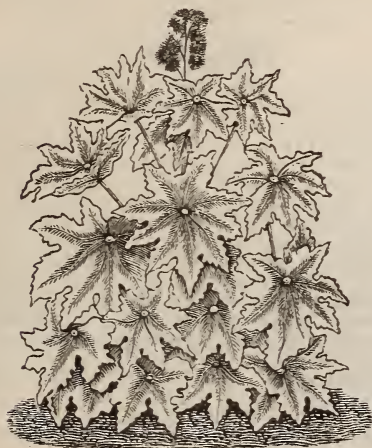
ROCKET (Hesperis.)

Well grown, very fragrant, early spring flowering plants, growing freely and blooming profusely in almost any soil; half hardy perennials.

Sweet. Purple. 1½ feet, 5

White. 1½ feet, 5

Mixed. " " 5



RICINUS.

RICINUS (Castor Oil Bean.)

Ornamental plants of stately growth; half-hardy annuals.

Borboniensis Arborus. Beautiful, large leaves: 15 feet, 5

Sanguineus. Blood-red stalks, scarlet fruit; one of the best: 5 feet, 10

Giganteus. Large, fine and showy; 6 feet, 10

Communis, (Palma Christi.) Common Castor Oil Bean, 5

Finest Mixed, 5

SALPIGLOSSIS.

Highly ornamental and remarkably beautiful autumn blooming plants, with funnel shaped flowers curiously veined and marbled; half-hardy annuals.

Large-Flowering. Finest mixed; 1½ ft, 5

SALVIA.

Splendid ornamental plants for out-door decoration; tender annuals.

Patens. Splendid deep blue; 2 feet, 25

Splendens. Vivid scarlet; 3 ft, 10

Alba. New white, 10

SCABIOSA (Mourning Bride or Sweet Scabiosa.)

A highly ornamental border plant, producing in profusion flowers in great variety of color: excellent for table bouquets.

Mixed Double, 5

" Single, 5

SCHIZANTHUS.

A splendid class of plants, combining elegance of growth with a rich profusion of beautiful flowers; half hardy annuals.

Schizanthus. Finest mixed colors, 5

SENSITIVE PLANT.

(See *Mimosa Pudica*.)



SWEET WILLIAM.

SWEET WILLIAM (Dianthus Barbatus.)

A very beautiful and well-known class of plants, of extreme richness and diversity of color: the varieties have been greatly improved of late years; hardy perennials.

Fine Mixed, 5

Auricula-Flowered. Flowers in trusses of immense size, and of exceedingly beautiful colors, 10

Double-Flowering. Finest mixed, from a splendid collection of double flowers, 10

SOLANUM.

Covered all winter with a profusion of scarlet fruit; handsome plant for a greenhouse or sitting room.

Solanum Capsicastrum. 1½ feet, 10

SUNFLOWER. (See *Helianthus*.)



STOCK (Ten Weeks.)

The stock is one of our most important and well-known annuals. Its compact habit, profusion and duration of bloom is unsurpassed; while as a decorative plant for the garden, whether for bedding, edging or ribboning, it is invaluable; half-hardy annual.

- Extra Choice Mixed,** 10
- Brompton, or Winter.** Finest mixed, 10
- Wallflower-leaved.** Smooth, dark shining leaves, like the Wallflower; dwarf habit. Set only six inches apart. Mixed colors, 10
- New Largest-flowering Dwarf.** White, rose, carmine, blue, violet, red, chamois, yellow; each color, 15
- New Largest-flowering Dwarf Blood Red.** The richest, deepest colored stock grown, 15
- New Large-flowering Dwarf.** White; extra: for florists unsurpassed, 15
- Newest Large-flowering Pyramidal Dwarf.** A plant of pyramidal habit, with long spikes of large flowers; many choice colors mixed, 10
- Early Autumn-flowering.** Commences flowering in the autumn, and if removed to the house will bloom during the winter; mixed colors, 10
- New Perpetual.** This produces flowers continually, when once in bloom, during the whole year; very double form, growing 12 inches high, and will grow three feet through if admitted room, producing quantities of flowers. Mixed colors, 25
- Pure White,** 25



SWEET PEA.

Very beautiful, fragrant and free-flowering climbing plants, and continuing in bloom throughout the summer, should be sown as soon as the ground can be worked in the spring. Supported by common pea sticks they form admirable screens for protecting more tender plants, or excluding unsightly objects; hardy annuals

- Black Purple.** Oz., 15c, 5
- Striped.** Oz., 10c, 5
- Painted Lady.** Oz., 10c.; lb., 90c, 5
- Purple,** 5
- White.** Oz., 10c, 5
- Crown Prince of Russia.** Bright flush; very fine, 5
- Capt. Clark.** Tricolor, 5
- Dark Red,** 5
- Scarlet Invincible.** Oz., 10c, 5
- Mixed.** All colors. Oz., 10c.; lb., 75c, 5
- Butter-fly.** White ground, shaded with lavender blue, 10
- Princess Beatrice.** Carmine rose, 25

TAGETES. (See Marigold.)

THUNBERGIA.

Extremely ornamental, free-blooming climbers, of rapid growth, handsome foliage and much admired flowers; tender annuals; mixed varieties, 10

TREOPOLUM.

Very beautiful climbers, flowering most profusely; very useful for covering trellis and rustic work out of doors: half-hardy annuals.

- Mixed Varieties,** 5
- Peregrinum.** (See Canary Bird Vine) 10

VENUS' LOOKING GLASS.

A free-flowering, pretty dwarf; hardy annual; especially adapted for beds, edging, etc.; grows well in any garden soil.

- Mixed,** 5



VERBENA.

VERBENA.

Sow in the house, cold frame or hot bed during the spring, in about 60° temperature, care being taken not to let the soil get too dry or too wet, as it takes about two weeks for the seed to germinate; transplant when an inch high, and plant in the open ground as soon as the weather becomes warm. Well-known, charming and universally admired plants, invaluable for summer decoration; half-hardy perennials.

- Hybrida.** Finest mixed varieties; saved from the best named varieties, 15
- Auricula Flow'd.** All shades, white eyes, 15
- Cerulea.** Blue shades mixed, 15
- Defiance.** Splendid old scarlet bedding variety; constant: extra, 15
- Candidissima.** Pure white; large trusses; splendid, 15
- Scarlet.** Different shades mixed, 15
- Italian.** Striped: from a choice collection, 15
- Common Mixed,** 10

VINCA.

A genus of beautiful evergreen shrubs. If sown early in heat, and transplanted to a warm situation in the garden, about May or June, they will flower beautifully in autumn, and may be potted for the house before frost.

- Fine Mixed,** 10

WALLFLOWER.

A well-known plant, much esteemed for its fragrance; half-hardy perennials.

- Double.** Finest mixed. 10

XERANTHEMUM.

A showy class of everlasting. The flowers, when gathered young, are useful for winter bouquets. Hardy annuals.

- Double White.** 2 feet, 5
- " Purple.** " 5
- " Yellow.** " 5
- Mixed Colors,** 5

ZINNIA ELEGANS.

Very handsome, free-flowering plants, of richness and variety of color. The Double Zinnia has proved to be a most important acquisition, its splendid double flowers rivaling in beauty, size, and form, moderate sized dahlias.

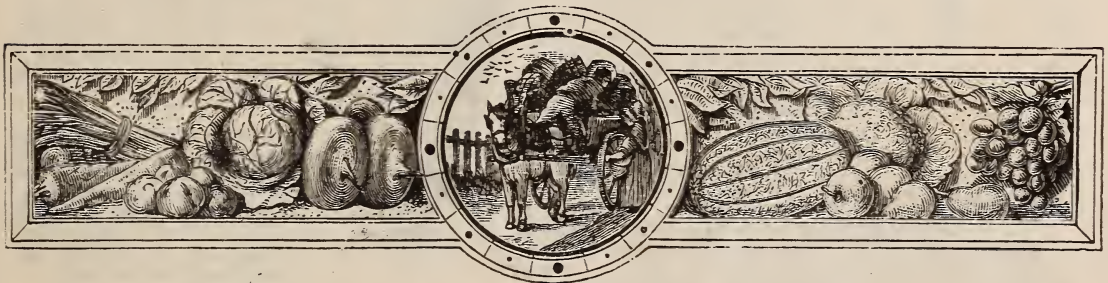
- Choice Double Mixed,** 10
- " " White,** 10
- " Dwarf Mixed,** 10

FLOWER SEEDS BY WEIGHT.

For Florists, and Those Wanting in Larger Quantities, than in Packets.

Acroclinium. Mixed colors,	Oz.	25
Aster. Truffaut's Improved Pæony-flowered,	\$3.00	
Pæony-flowered Globe,	2.00	
French Pæony-flow'd; extra fine mixed,	2.00	
Imbricated Pomponc; mixed,	2.00	
Dwarf Chrysanthemum fl. mixed,	2.50	
Alyssum, Sweet,	30	
Balsam. Improved Camellia-flow'd; extra,	1.00	
Double White Perfection, $\frac{1}{4}$, \$1;	3.50	
Camellia-flowered; semi-double mixed,	30	
" (French) " "	75	
Candytuft. Fragrant; pure white,	20	
Mixed colors,	20	
Cypress Vine. Scarlet,	40	
Mixed colors,	35	
Cyclamen Persicum. Extra choice mixed. Per trade p'k't, \$1.		
Dianthus. Chinensis Pink; double,	40	
Heddewigii,	50	
Gourds, Ornamental.	35	
Lobelia. Fine mixed.	1.50	

Morning Glory. Mixed colors,	Oz.	12
Mignonette, Grandiflora. Sweet,	20	
Mignonette. New spiral,	75	
Nasturtium. Dwarf, mixed colors,	20	
Tall, mixed colors,	15	
Pansy. Good mixed,	1.00	
Improved large-flowering; extra,	2.50	
" " fancy from the choicest		
named varieties, per packet, \$1,	5.00	
Petunia. Common mixed,	1.50	
Grandiflora, trade packet, \$1.		
Phlox Drummondii. White or scarlet,	75	
Finest mixed,	60	
Portulacca. Single mixed,	40	
Double, mixed,	2.50	
Pyrethrum, Golden feather,	1.00	
Ricinus. Mixed,	30	
Sweet Peas. Mixed colors lb., 75,	10	
Stock. New dwarf Pyramidal-flowered,		
pure white,	4.00	
Mixed colors; best quality mixed,	3.00	
Good double mixed,	1.50	
Verbenas. White,	2.50	
extra fine mixed, prime quality selected,	3.00	
Scarlet,	3.00	
Zinnia. Mixed, best double,	75	



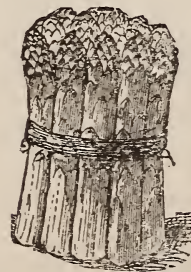
VEGETABLE SEEDS.

SOWING SEED.

In sowing seed, never cover too deep. It should be regulated by the size, covering only a little deeper than the size of the seed. In hot, dry weather the soil should be rolled after covering, that the seed may germinate quickly.

It is of great importance in sowing seeds, either in hot-bed or open ground, that the temperature should be right. Cabbage, Cauliflower, Lettuce, Radish, Beets, etc., will germinate freely in a temperature of about 50°, while Tomato, Pepper, Egg Plant, etc., require a temperature of about 15° higher. A little care on this point would save a great deal of injury to the grower, as well as to the seedsmen, who is often blamed for selling worthless seeds, when the fault lies wholly with the one that sows them.

In offering the following list of Vegetable Seeds, I would here say that my stock has been selected with the greatest care in regard to purity and freshness; from the most reliable growers, and can be relied upon as being the very best in quality. I invariably test all seeds offered for sale by me, and nothing will be sent out but what will prove as represented. Great care is used to supply every article true to name, and of good quality. My rapidly increasing trade is sufficient proof of their excellence, and that they are seed that can be relied upon. I have endeavored to choose only the best varieties, and such as will give general satisfaction.



ASPARAGUS.

Sow early in spring, as soon as the ground will admit of working, in rows a foot apart; the plants will be in condition to set out the succeeding spring. Previous to sowing the seed soak in tepid water for twenty-four hours.

Add 16 cents per pound if sent by mail.

Conover's Colossal. A variety of large size, tender, productive and of excellent quality. Pkt., 5c; oz. 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

Moore's New Cross Bred. Said to be superior to Conover's Colossal in every respect, and has been awarded many first class prizes. Pkt. 10c; oz., 25c.

ASPARAGUS ROOTS,

Conover's Colossal. One year old roots, 75c per 100; by mail, \$1. Two year old roots, \$1 per 100; by mail, \$1.50.

Moore's New Cross Bred. One year old roots per doz., 25c; per 100, \$1.50; if by mail add 25c extra per 100.

ARTICHOKE. (Jerusalem.)

Grown for tubers, which resemble potatoes, cultivated in a similar manner when planted for field culture; make hills about 4 feet apart. Tubers, price per Qt., 25c; Pk. \$1.50; 3 lb. package by mail, \$1. Seed, Large Globe, pkt. 10c; oz., 35c.

**BEETS.**

Soak the seed for 24 hours in warm water, and sow immediately in drills 15 inches apart, one inch deep. The best soil is a light, rich, sandy loam, well manured with decomposed compost, carefully worked in. For an early supply sow as soon as the ground can be worked in spring, and about the middle or end of May for a general crop. Successive sowings are recommended during the season till the

end of June. Thin the plants to a distance of about six inches, and keep the ground well stirred. Harvest before severe frost, and cover in the cellar with sand or dried earth. Per pkt. 5c; oz., 10c, except where noted.

Add 16 cents per pound if sent by mail.

Egyptian Turnip. The earliest variety; deep blood red; small and upright leaves, whereby it can be grown nearly twice as close as any other variety; from true stock grown with care. Pkt. 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Eclipse. This is becoming one of the most popular varieties for market gardens, and a much better table beet than the Egyptian. (See Novelties) Pkt., 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

Bastain's Blood Turnip. One of the best early blood red varieties; very uniform, smooth, round, small top. Excellent for market early or late. Pkt. 5c; oz., 10c; ¼ lb. 25c; lb. 70c.

Early Bassano. Very early; not blood red. Pkt. 5c; oz. 15c; ¼ lb. 20c; lb. 60c.

Early Blood Turnip. The standard early sort; an excellent variety for summer and winter. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c.

Dewing's Improved Blood Turnip. Roots blood red, of fine form and flavor; very desirable variety. Pkt. 5c; oz. 10c; ¼ lb., 20c; lb. 60c.

Long Smooth Blood Red. An excellent late variety; a great improvement on the common Long Blood. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c.

SUGAR BEET AND MANGOLD WURZEL. For Feeding Stock.

Sow from the 15th of April until June, at the rate of four to six pounds per acre. Sugar beet and Mangold Wurzel stand unrivalled as an indispensable root for cattle, and largely increase the flow of milk, without imparting an unpleasant flavor. Pkt. 5 cents; oz. 10c, except where noted,

Add 16 cents per Pound if sent by mail.

Lane's Improved Sugar. An Improved large, white sugar beet. ¼ lb. 15c; lb. 50c; 5 lbs. \$2.

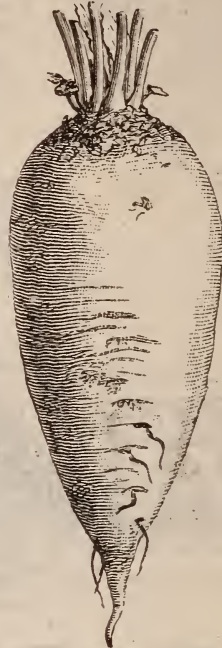
White Silesian Sugar. This variety is rapidly growing in favor in this country for stock feeding; producing from fifteen to twenty tons

per acre, under favorable conditions. It is used in Germany and this country extensively for the manufacture of sugar. Oz. 10c; ¼ lb. 15c; lb. 40.

Vilmorin's Improved French White Sugar. This is the variety grown by the French for the manufacture of sugar. Oz. 10c; ¼ lb. 20c lb. 60.

Long Red Mangel Wurzel. This variety is more generally grown for agricultural purposes than any other, producing roots of large size and of excellent quality. ¼ lb. 20c; lb. 40.

Norbital's Giant. The finest variety of the Long Red Mangel Wurzel for feeding stock, ¼ lb. 20c; lb. 45c.



WHITE SILESIAN SUGAR.

Yellow Globe Mangel Wurzel. Roots of large size and globular form; very productive; keeps better than the Long Red, and is better adapted for growing in shallow soil. ¼ lb. 15c; lb. 40c.

Kinver Yellow Globe. A new and very productive variety; one of the best. ¼ lb. 20c; lb. 50.

Yellow Ovoid. An intermediate variety between the Globe and Long Red; quite free of roots and a heavy cropper. Oz. 10c; ¼ lb. 20c; lb. 50c.

Golden Tankard. This variety admits of close culture, and will be found the best producing variety of the intermediate class. It is very solid, small top, smooth and broad. Oz. 10c; ¼ lb. 20c; lb. 60c.

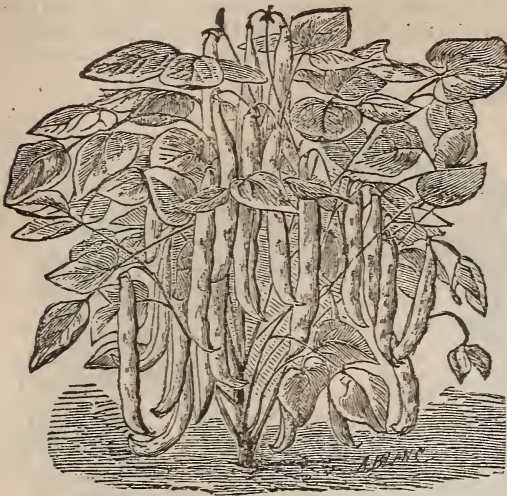


GOLDEN TANKARD MANGEL.

BEANS, Dwarf or Bush.

A succession of sowings may be made from the first of May until September. Plant in drills about two inches deep and from 18 inches to two feet apart.

Add 30 cents per quart if sent by mail.



GOLDEN WAX.

Golden Wax. This new sort is one of the most valuable of our Bush beans. A distinct variety, one week or ten days earlier than the Dwarf Black Wax; pods large, long and brittle, and entirely stringless. As a Snap Bean it excels all others in tenderness and richness of flavor, and has the further merit of being one of the best shell beans grown for winter use. Qt., 30c; peck, \$2.50. See cut.

Black Wax. The pods, when ripe, are of a waxy yellow, transparent; very tender and delicious. Qt., 30c; $\frac{1}{4}$ bush. \$2.40.

Crystal White Wax. Small pods, and beans very rich and tender in the green state and very prolific; color, waxy white, transparent pods and stringless. Its pods are quickly developed and slow to harden, retaining its tenderness for a long time. Pkt. 10c; qt. 35c.

Ivory Pod Wax. Stringless, tender, with transparent ivory-white pods. Pkt. 10c; qt. 50c.

Longwood. (New.) This is considered the earliest variety grown; very prolific, bearing three dozen pods upon one plant. Packets only; 15c.

Leviathan. (New French.) Is said to be the largest podded variety in cultivation, pods measuring 12 to 16 inches in length. The most attractive variety for exhibition purposes. Pkt. 15c.

Best of all. Long, fleshy pods of finest flavor, very prolific.

Canadian Wonder. Large abundant pods; very tender. Pkt. 15c.

Flageolet Chevrier. (New.) This is remarkable for keeping its pods and beans in the green state a long time, even when ripe. Pkt. 15c

Wonder of France. A new French variety, very early and productive. The leaves drop just before maturity of pods, which then ripen very quickly, leaving the beans of a beautiful color. Pkt. 25c.

Horticultural, or Cranberry Bush. Owing to the great amount of labor in poleing beans this variety is much used in place of Hort. Pole, which is much earlier and a great producer. It is in much demand by market men, and as a dry bean is far richer than the pole variety for family use. Pkt. 10c; qt. 30c; Peck, \$2.

Improved Valentine. An improved variety of the Valentine, so much grown for a market string bean. Pkt. 10c; qt. 35c.

Marblehead Early Horticultural. New, among the earliest, dwarf, and equal in every respect to the dwarf horticultural. Pkt. 15c.

Refugee, or Thousand to One. A very prolific bush sort. Pkt. 10c; qt. 40c.

Early China. Very early; string or shell; popular and productive. Pkt. 10c; qt. 25; $\frac{1}{4}$ bush. \$2.

Early Mohawk. Suitable for northern latitudes; is less susceptible to injury from cold than most of the others; productive, good quality. Pkt. 10c; qt. 25c; $\frac{1}{4}$ bush. \$2.

Dunn Cranberry. As an early productive string bean is among the best, and a very excellent shell bean. Pkt. 10c; qt. 30c.

White Valentine. The habit of growth of this variety is similar to the well known Red Valentine. It is a very prolific bearer. Pkt. 10c; qt. 40c.

Pea Bean. Very productive, small, nearly round; grown for field culture. Qt. 20c; $\frac{1}{4}$ bush. \$1.25.

White Marrowfat. Extensively grown for sale in the dry state. Qt. 20c; $\frac{1}{4}$ bush. \$1.25.

White Kidney. A much esteemed field bean. Pkt. 10c; qt. 25c; peck, \$1.50.

Red Kidney. A standard red sort. Pkt. 10c; qt. 20c; $\frac{1}{4}$ bush. \$1.25

Improved Yellow Eye. Very strong and prolific; one of the best for baking. Pkt. 10c; qt. 20c; $\frac{1}{4}$ bush. \$1.25.

BEANS, Pole or Running.

These succeed best in sandy loam, which should be liberally enriched.

Improved Large Lima. Its noted improvement is its remarkable earliness; its great productiveness and delicious flavor are unequalled. Pkt. 10c; qt. 25c.

Early Lima or Sieva. Earlier and more hardy than Large Lima. Pkt. 10c; pint 20c.

Dutch Case Knife. A very productive variety, and one of the earliest. Qt. 40c; $\frac{1}{4}$ bush. \$2.25.

Horticultural or Speckled Cranberry. A popular variety for private use, or market gardener, equally serviceable in green state or when shelled. Pkt. 10c; qt. 30c; peck, \$2.

German Wax. One of the best either for snap or shell in the green state. Pkt. 10c; pint, 20c.

Concord. This is one of the earliest of the running sort. As a shell bean, green or ripe, it is one of the best. Pkt. 10c; qt. 30c; $\frac{1}{4}$ bush. \$2.

Scarlet Runner. An ornamental plant and a useful vegetable. It grows to the height of 10 feet, producing scarlet flowers. Pkt. 10c; pt. 20c.

Dreer's Improved Large Lima. Earlier and larger yield than Large Lima. Pkt. 10c; pt. 25c.

White Runner, or Dutch. Similar to Scarlet Runner except in color of seed and flower. Pkt. 10c; pt. 20c.

Yard Long. Pods grow 2 to 3 feet long. Pkt. 15c.

Painted Lady. For use or ornamental. Pkt. 5c.

Add 25 cents per quart if sent by mail, or 15 cents per pint.

BROCCOLI.

Nearly allied to the Cauliflower, but more hardy and sure to head. It succeeds best in moist and rather cool atmosphere. Per pkt. 10c.

White Cape. Heads medium size, close, compact and of a creamy white color; one of the most certain to head. Oz. 50c.

Purple Cape. Differing from the preceding in color, which is of a greenish purple. Oz. 50c.

BRUSSELS SPROUTS.

This is one of the best vegetables for winter use, producing from the axils of the leaves an abundance of sprouts, resembling small cabbages.

Tall French. Pkt. 5c; oz. 15c.

Dwarf Improved. Pkt. 10c; oz. 25c.

Market Gardeners and all in want of Good Cabbage Seed, will, I think, be pleased with my stock which is grown and Selected with special care.

CABBAGE.

Fottler's Improved Early Brunswick.

I have grown this for the past six years, and as a second early cabbage, there are none equal to it; the same report comes from all parts of the United States. About ten days later than the Winningstadt, heads of larger size, often weighing 12 to 15 pounds each. Seed sown about June 1st, it makes one of the best and most profitable varieties for winter, seldom failing to head. The seed offered is grown from selected heads. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. \$1; lb. \$3.

Early Winningstadt

One of the best for general use; very solid, of medium size, cone shape, maturing a few days later than the Wakefield. A remarkable cabbage for all kinds of soil. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c.

The Cabbage thrives best on new land. The stronger the land the better they will head. Plough deep and manure liberally with well rotted compost. Sow the seed of early varieties in hot beds or cold frames, in March or April, and transplant into the open ground in May or June, in rows, where they are to grow; or the seed can be sown in hills where the plants are to grow, planting two or three seeds in a hill, and thinning out to one plant as soon as they get strong. Make the hills two and a half by three feet apart. Hoe often and keep the ground mellow. Cabbage will not usually follow cabbage or turnips successfully.



IMPROVED JERSEY WAKEFIELD.

Improved Jersey Wakefield. True American grown seed. This is a favorite with gardeners in all parts of the country; early, good size, and quality, very reliable for heading. This seed can be relied upon as equal to any offered; grown from fine specimens only. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.40; lb. \$4.75.

Henderson's Early Summer. An early variety, about ten days later and larger than the Wakefield, but smaller and not as heavy as Fottler's Early. Pkt. 10c; oz. 40c; 1-4 lb. \$1.20.



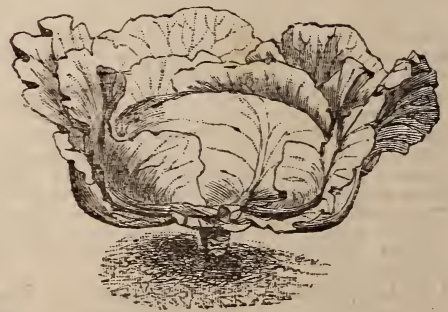
FOTTLER'S IMPROVED EARLY BRUNSWICK.

Large Early Schweinfurt. An early variety for summer and fall use. Pkt. 10c; oz. 25c; 1-4 lb 75c.

Premium Flat Dutch. This is extensively grown for fall and winter use. I offer the best quality only of this variety. Pkt. 5c; oz. 20c; 1-4 lb. 60c; lb. \$2.

Stone Mason Drumhead. Large size, with round, compact heads; popular in Boston markets. Pkt. 10c; oz. 40c; 1-4 lb. \$1.25; lb. \$3.75.

Marblehead Mammoth. The largest of all cabbages; heads have been grown weighing 60 pounds. Pkt. 10c; oz. 50c; 1-4 lb. \$1.50; lb. \$4.75.



EXCELSIOR LARGE FLAT DUTCH.

Excelsior Large Flat Dutch. An improved strain of the Flat Dutch; much larger and finer every way and a little later. This seed was saved from the very finest specimens only. Pkt. 10c; oz. 30c; 1-4 lb. \$1; lb. \$3.35.

Filderkraut. A new German Cabbage introduced from Germany; the most solid cabbage grown; almost as hard as marble, and sure to head; short stump; good size. Pkt. 5c; oz. 25c.

Red Dutch. Pkt. 5c; oz. 15c; lb. \$1.50.



PERFECTION DRUMHEAD SAVOY.

Perfection Drumhead Savoy. The best Savoy variety, large, thick, solid heads, compact and finely curled; a superior strain of the most tender and finest flavored of all cabbages. Pkt. 10c; oz. 30c; 1-4 lb. 75c; lb. \$2.75.

Drumhead Savoy. The largest heading sort of excellent flavor; best of the Savoys. Pkt. 5c; oz. 15c; 1-4 lb. 50c; lb. \$1.75.

Red Drumhead. Larger than Red Dutch; very solid and reliable for heading. Pkt. 10c; oz. 30c; 1-4 lb. \$1; lb. \$2.80.

Blood Red Berlin. A new variety of much promise; very deep red, good size and short stump; earlier than the preceding and solid. Pkt. 10c; oz. 40c.

Royal Drumhead. (New.) This is considered one of the best new drumhead varieties. Pkt. 15c.

Low's Peerless. (New.) A cross between Fottler's Brunswick and Wakefield. Is claimed to be earlier and larger than Henderson's Summer, and gives better satisfaction than any other early drumhead. Pkt. 25c.

Early Deep Head. (New.) A selection of several years stock from Early Brunswick with larger, thicker heads; equally as early; worthy of extensive trial. Pkt. 25c.

Early Etampes. (New.) An extra early cone shaped variety. Pkt. 10c; oz. 25c.

Paris Market. (New.) Earlier than Wakefield; almost without any loose leaves. Pkt. 20c.

Red Pickler. An early, pointed, red variety, representing Winningstadt in shape; heads very solid of intense dark reddish color. Pkt. 15c; ½ oz. 35c.

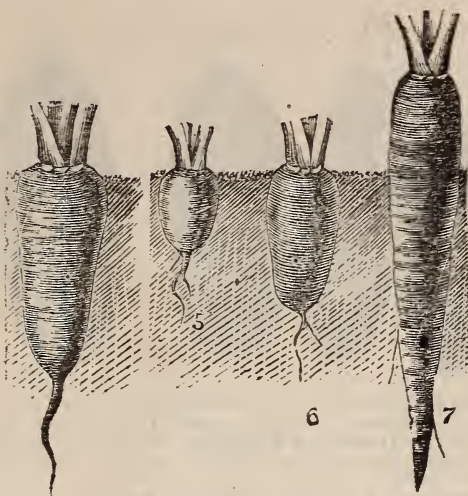
Blood Red Erfurt. A new early red variety of recent introduction. Pkt. 10c; oz. 50c.

Any one wishing to try the new varieties, I will furnish 8 packets of 8 varieties last named for \$1.

CARROTS.

Rather light loam is the most suitable for the Carrot. The ground should be well enriched with fine rotted manure, six or eight cords to the acre. Plant in rows 15 inches apart, and then plant three to five inches in the rows according to the variety. Plant from the 1st to the 15th of May to ensure crop, and often good crops are harvested when sown as late as June 10th. The dry weather which prevails at that season is apt to prevent the germination of the seed. In such cases it is better to increase the quantity of seed, and is more certain to give a good crop. Seed is sometimes soaked to hasten germination. Hoe often and keep very clear from weeds.

Early Scarlet Horn. For forcing; color, deep orange; excellent for table. Pkt. 5c; oz. 15c; 1-4 lb. 35c; lb. \$1. (Fig. 5.)

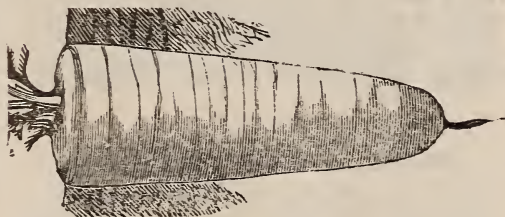


Short Horn. The standard early variety; sweeter than Long Orange and more solid; good to color butter. Pkt. 5c; oz. 15c; 1-4 lb. 35c; lb. \$1.

Long Orange. Good for stock; a standard field carrot. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 80.

Improved Long Orange. Of a darker and richer color than long orange. Pkt. 5c; ½ oz. 10c; 1-4 lb. 25c; lb. 90c.

Large White Belgian. Largest of all and most productive. Good for horses; the whole can be pulled by hand. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 60c. (Fig. 7.)



INTERMEDIATE.

Intermediate. In many respects this is a superior variety to the Danvers, growing more bulk per acre. A very handsome, smooth variety. (See cut above.) Farmers who give it a trial will, I think, be pleased with it. Pkt. 5c; oz. 10c; 1-4 lb. 30c; lb. 90c.

Danvers. Between Long Orange and Early Horn; smooth, of a rich orange color; is considered more profitable to raise than Long Orange; 20 to 30 tons per acre under best cultivation. Oz. 10c; 1-4 lb. 25c; lb. 90c. (Fig. 8.)

Add 16 cents per pound if sent by mail.

CUCUMBER.

Succeeds best in warm, rich, moist, 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. When all danger from insects is past, thin out the plants, leaving three or four of the strongest in each hill.

Early White Spine. A favorite market variety, of medium size; deep green; flesh crisp and of fine flavor; (Fig. 2.) Pkt. 5c; oz. 10c; 1-4 lb. 35c; lb. \$1.10.

Long Green. A fine, large fruit of excellent quality; excellent for pickles. Pkt. 5c; oz. 10c; 1-4 lb. 30c; lb. \$1.



Early Frame. An old and popular variety, of medium size. Pkt. 5c; oz. 10c; 1-4 lb. 30c; lb. \$1.

Short Green or Gerkin. Similar to Early Frame; for pickling. Pkt. 5c; oz. 10c; 1-4 lb. 75c; lb. \$2.50.

Improved Early White Spine. Extra long. Largely used for forcing by market gardeners. (Fig. 3.) Pkt. 5c; oz. 12c; 1-4 lb. 35c; lb. \$1.15.

Boston Pickling. Used about Boston by market gardeners. Pkt. 5c; oz. 12c; 1-4 lb. 30c; lb. \$1.15.

Early Cluster. A much esteemed early sort, growing in clusters; extremely productive; (Fig. 1.) Pkt. 5c; oz. 10c; 1-4 lb. 30c; lb. 85c.

Peerless. A valuable improvement on the white spine; fine; perfect form; crisp; very productive. For early market or family use it is much valued. Pkt. 5c; oz. 30c; 1-4 lb. 60c.

Green Prolific. One of the best varieties for pickling, and the most prolific. Uniform in size, seldom growing too large for pickles. Pkt. 5c; Oz. 15c; 1-4 lb. 35c; lb. \$1.

Snake. Grows 5 to 6 feet long, coiled up like a snake. Pkt. 10c.

Add 16 cents per pound if sent by mail.

CRESS, or PEPPERGRASS.

A well known pungent salad. Requires to be sown thickly and covered very slightly, at frequent intervals, to keep up a succession, as it soon runs to seed.

Extra Curled. Very fine; may be cut two or three times. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 45c.

CAULIFLOWER.



LARGE EARLY DWARF ERFURT.

One ounce of seed will produce about 3000 plants. They require about the same treatment as Cabbage. A good supply of manure is necessary to give a

quick, healthy growth. In a dry season, a liberal supply of water and liquid manure is very beneficial applied two or three times a week. Set plants in rows 2½ feet apart by 2 feet in the row. In blanching, gather the leaves and tie loosely or turn the leaves over the head and place a small stone thereon, to keep them in place.

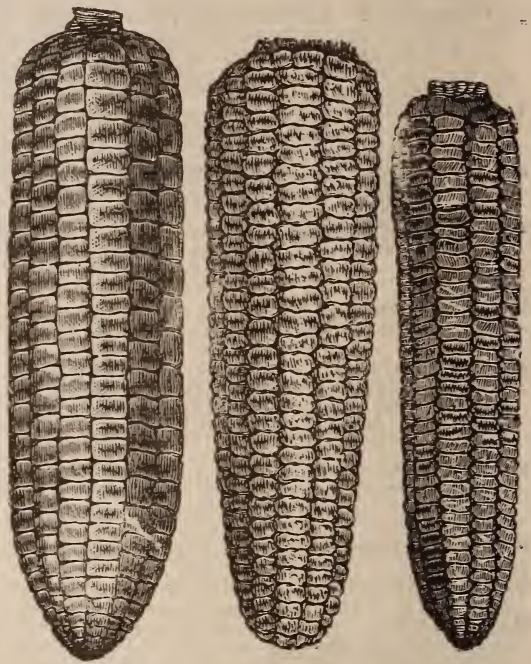
Large Early White Erfurt. An excellent variety, producing heads of large size; white, compact and tender. Pkt. 15c; oz. \$1.50.

Early Paris. A well-known, excellent variety; very early and tender, and is more inclined to give good results where other varieties fail. Pkt. 15c; oz. \$1.

Henderson's Early Snow-Ball. Very early; dwarf; producing heads fine and white; good size and tender. True. Pkt. 25c; oz. \$5.

Lenormand's Short Stemmed. Large, fine heads. Pkt. 15c; oz. \$1.50.

CORN.



SWEET MAMMOTH. STOWELL'S. MINNESOTA.

Sweet corn may be planted at distances of three or four feet each way, according to the variety grown or the richness of the soil in which it is planted. It is best not to plant before the ground becomes warm. For a succession of crops, plant in the order named: Early Marblehead, Early Minnesota, Crosby's Early, Moore's Early, Stowell's Evergreen, Egyptian Sweet.

It requires 1 qt. to 200 hills; 1 peck to plant an acre in hills or 1½ bushels in drills for fodder.

If by mail, add 10 cts. per pint or 20 cts. per quart.

Potter's Excelsior. This variety has been tested in this section for three seasons, and is considered the sweetest and richest-flavored for table use. Pkt. 10c; qt. 25c; pk \$1.25. Matures after Minnesota.

Mammoth Sweet. Ears weighing between three and four pounds each. This is a very sweet corn for family use. Pkt. 10c; qt. 25c; pk. \$1.25.

Black Mexican. The sweetest and most tender of all varieties. Its color is not black till fully ripe; white when in the green state; eight rowed of medium size; medium to ripen. Pkt. 10c; qt. 20c; pk. \$1.25.

**Early Marblehead.**

The earliest variety yet introduced. It has proved a week earlier than Minnesota, and tested beside six other leading early varieties on my own grounds, proved five to ten days earlier. Is of good market size and very sweet. All market men will be pleased with this variety and should not fail to try it. Pkt 10c; qt. 20c; pk. \$1.25.

Early Minnesota.

One of the standard early varieties for market or family use. The best to follow Early Marblehead. Qt. 20c; 1-4 bu. \$1; bu. \$4.

Crosby's Early Sugar

An excellent early variety. Pkt. 10c; qt. 20c; 1-4 bu. \$1; bu. \$3.50.

Moore's Early.

Second early, to follow Crosby Early. Qt. 20c; pk. \$1; bu. \$4.

Stowell's Evergreen.

A late variety of excellent quality, remaining longer in the green state than other kinds. Qt. 20c; 1-4 bu. 1; bu. \$3.50.

Egyptian.

Ears large. Superior to Stowell's Evergreen, ripening a little later; is sweeter, more prolific, and demands a higher price in market. Qt. 20c; pk. 1.25.

EARLY MARBLEHEAD.

Superior to Stowell's Evergreen, ripening a little later; is sweeter, more prolific, and demands a higher price in market. Qt. 20c; pk. 1.25.

Squantum. This new variety is becoming very popular in New England. Noted for its sweetness and great yield. Ripening with Moore's Concord. Ears of same size. Pkt. 10c; qt. 30c.

Ne Plus Ultra. Ears medium size, producing 3 to 4 on one stalk; very sweet. Pkt. 10c; qt. 30c.

CORN FOR FIELD CULTURE.

Rice Pop Corn. This is grown from selected ears, and is entirely free from mixture; one of the best varieties of pop corn. Price per ear 5 cents; 12 ears, 50c; pkt. 10c; qt. 35c; 10 lbs. on the ear, selected, \$1.

Longfellow. A yellow field corn; many of the ears fifteen inches long; cob quite small. Pkt. 10c; qt. 30c; pk. \$1.

Holden's Early Field. The most popular among the farmers of the Connecticut valley. Price per 12 ears 40 cents; 100 ears, \$2.50; qt 20c; pk. 80c.

Early Yellow Canada. Pkt. 5c; qt. 20c; pk. \$1.

Early Yellow Flint. Pkt. 5c; qt. 20c; pk. \$1.

Early King Phillip. Pkt. 5c; qt. 20c; pk. \$1.

Golden Dent. Pkt. 5c; qt 20c; pk. \$1.

ENSILAGE AND FODDER CORN.

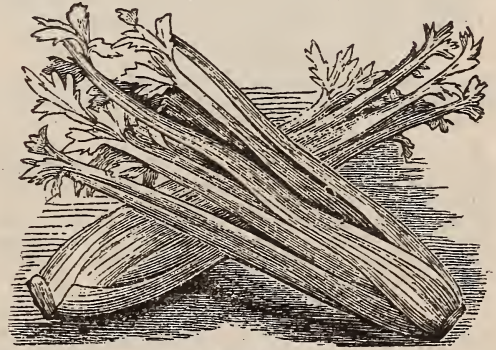
Lindsay's Ensilage. This has proved the most profitable for ensilage purposes. Mr. Clark, a neighbor, who is a thorough farmer, grew about seven acres last year for silo purpose, planting entirely this variety. To test the merits of other varieties he planted in the centre of his large field of ensilage corn, about 4 rows each of Blunt's Prolific, White Southern and Lindsay's Ensilage. On examination before cutting in September I found Blunt's Prolific to be one-third less in size of stalk, longer between joints, about one-fourth less in height, and should judge would yield 25 per

cent. less in weight per acre; while the common White Southern was not one-half as large in stalk and one-third less in height, and I honestly believe one-half, fully, in weight per acre in yield of fodder. To all those who farm for profit I can with confidence recommend this variety to yield one-third more profit to the farmer for ensilage purposes than any other variety yet known. Do not plant any other because it is cheap, when you can get the pure stock. I have it direct from the grower, pure and tested; sure to germinate. It has been grown three years in this vicinity, by the best farmers, who are large growers, and in many parts of northern Vermont, and all are very strongly in its favor as the very best for silo purpose. A special corn circular with revised prices in April, mailed free. Qt. 20c; pk. 75c; ½ bu. \$1.50; bu. \$2.50. In 3 to 10 bu. lots send for special rates.

Blunt's Prolific. A standard variety for ensilage in some sections, but here yields about 1-3 less fodder in weight than Lindsay's. Qt. 20c; pk. 90c; bu. \$3.

White Southern. Qt. 20c; pk. 50c; bu. \$1.50.

Sweet Corn for Fodder. Is much preferred to the yellow by our best farmers. Pk. 75c; bu. \$2.50.

**CELERY.**

Sow seed in hot-bed or boxes in March; when well up transplant in cold frame, transplanting in shallow trenches or on level ground on highly manured soil, setting plants in rows four feet apart, and plants six inches apart. Or in a more mild climate, sow the seed in the open ground as soon as it is fit to work in April, and keep clear of weeds until the time of planting in June or July. About the middle of August begin the "earthing up," necessary for bleaching or whitening that which is wanted for use during the months of September, October and November.

Boston Market. This variety has become the leading Celery in almost all sections of the country. It is dwarf, branching, remarkably fine flavored, crisp and tender, and far superior to the tall growing varieties. Pkt. 10c; oz. 50c; 1-4 lb. \$1.50.

Sandringham. Dwarf and of the very best quality; very compact. Pkt. 5c; oz. 25c; 1-4 lb, 75c.

White Solid. A variety raised in New York but not equal to the above two sorts. Pkt. 5c; oz. 25c; 1-4 lb. 75c.

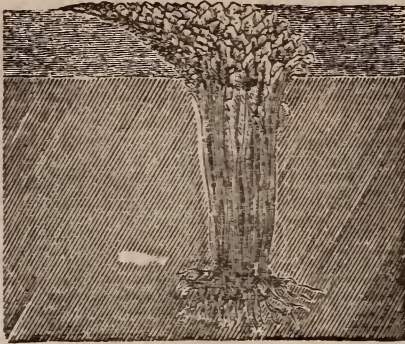
La Plume Chestnut. New, half dwarf variety. Pkt. 10 cents.

Dwarf Crimson. Good flavor; of crimson color. Pkt. 5c; oz. 25c.

Henderson's New White Plume. Pkt. 50c.

Golden Dwarf. Solid, excellent flavor and a good keeper. Pkt. 10c; oz. 25c; 1-4 lb. 85c.

Turnip Rooted Celery. Large, smooth; turnip shape, not used as salad; grown in nearly the same manner as celery. Pkt. 10c; oz. 25c.



CELERY BLEACHING.

To store Celery for winter, dig trenches eight inches wide, to admit of two rows, leaving tops after trenched about six inches below the top of the ground, cover the roots only a little, then cover with boards, thus, A, adding leaves and six inches of soil to keep out frost during the winter, or it can be stored in the cellar in the same way.

DANDELION.

The Dandelion resembles Endive, and is cultivated for spring greens, or for blanching for salad. The roots, when dried and roasted, are often employed as a substitute for coffee. The seed should be sown in May or June, in drills half an inch deep and one foot apart. The plants will be ready for use the following spring.

New Large Leaved. Leaves are fully double the size of the common Dandelion. It is a great advance over the old variety. Pkt. 10c; oz. 50c; 1-4 lb. \$1.40; lb. \$4.50.

EGG PLANT.

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. 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. Pkt. 10c; oz. 50c.

New York Improved. The leading market variety; excellent and very productive.

Long White. Ornamental variety of excellent quality.

ENDIVE.

Endive is one of the best salads for fall and winter use. Sow, for an early supply, about the middle of April. Pkt. 15c; oz. 25c.

Green Curled. Very hardy; leaves dark green, tender and crisp.

HERBS.

No garden is complete without a few sweet or medicinal herbs, and pains should be taken to harvest them properly. This should be done on a dry day. Then dry quickly and pack closely, keeping them entirely excluded from the air. Sow in spring in shallow drills one foot apart. Pkt. 10 cents, except where noted.

Hoarhound. Oz. 40c.

Marjoram. (Sweet,) Pkt. 5c; oz. 30c.

Saffron. Pkt. 5c; oz. 15c.

Sage. Pkt. 5c; oz. 25c; 1-4 lb. 75c; lb. \$2.25.

Summer Savory. Pkt. 5c; oz. 20c; 1-4 lb. 70c.

Thyme. Oz. 40c.

Wormwood. Oz. 40c.

Caraway. Pkt. 5c; oz. 10c.

Coriander. Pkt. 5c; oz. 10c.

Lavender. Pkt. 5c; oz. 10c.

Belladonna. Pkt. 5 cents.

KOHL RABI.

Intermediate between the cabbage and turnip. Sow in June, for succession, in rows eighteen inches apart, thinning out to eight inches between the plants. Is difficult to transplant; it is preferred to sow the whole crop from seed, and thin out where it stands.

Early White Vienna. Fle-sh white and tender; the best sort; excellent for table use. Pkt. 5c; oz. 25c; 1-4 lb. 75c; lb. \$2.25.

LETTUCE.



EARLY CURLED SIMPSON.

For succession crops, sowing may be made in the open ground as early as spring opens, until July; in boxes in the house or cold frame, transplanting in open ground as soon as weather becomes settled.

Early Curled Simpson. This variety, properly speaking, does not head, but forms a compact, close mass of leaves; the earliest leading market sort, and one of the very best for family use, always crisp and tender. Pkt. 5c; oz. 20c; 1-4 lb. 60c; lb. \$1.75.

Boston Curled. A standard in the Boston market. Pkt. 5c; oz. 25c; 1-4 lb. 70c.

Allen's Superb. One of the best, most tender, best flavored and hardy varieties for family use. Leaves forming very large compact heads 18 inches diameter. Pkt. 5c; oz. 35c.

Tennis Ball. Forms a close, hard head, with few outer leaves; a favorite forcing variety. Oz. 30c; 1-4 lb. \$1.

Paris White Cos. Of lighter color than the preceding; crisp and excellent. Oz. 25c.

Hanson. Heads of which grow to a remarkable size, and are deliciously tender and crisp. Pkt. 5c; oz. 25c; 1-4 lb. 60c.

Black Seeded Simpson. Larger than curled Simpson, and a good summer variety. Pkt. 5c; oz. 20c; 1-4 lb. 60c.

Boston Market. Similar to Tennis Ball. Pkt. 5c; oz. 25c.

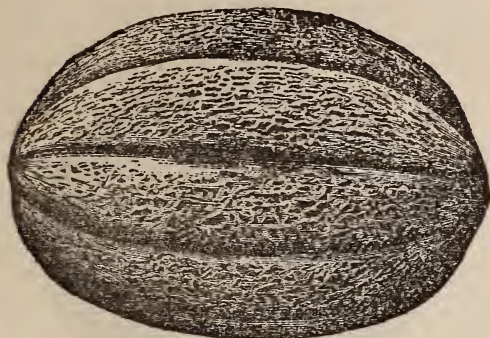
MELON. (Musk.)

The hills should be six feet apart each way. Mix well with the soil in each hill about two shovelfuls of thoroughly rotted manure. Plant early in May, and when well up, thin out to three or four of the most promising plants. Pinch off the leading shoots as the growth becomes too luxuriant. Thin out when young, which will increase the size of those remaining, and cause them to ripen earlier. Pkt. 5c.

One ounce will plant 80 hills.

Add 16 cents per pound if sent by mail.

Golden Gem. (New.) Nearly round, uniform, one and one-half to two pounds each. Very thick flesh, light green; inside rich yellow; quality superior and the earliest to ripen. Pkt. 10c; oz. 25c.



BAY VIEW.

Bay View. A large, prolific and fine flavored, green fleshed melon, of great value. With ordinary cultivation has produced melons from 10 to 15 pounds. Splendid for market or for home use. Pkt. 5c; oz. 20c; 1-4 lb. 40c; lb. \$1.20.

Montreal Improved Green Nutmeg. Exceedingly popular in northern latitudes with marketmen. Nearly round, growing to a large size of about 15 pounds each; very thick flesh of fine flavor. Very attractive in market. Pkt. 10c; oz. 20c; 1-4 lb. 60c.

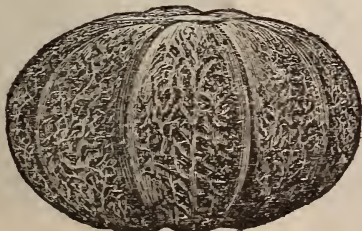


TURK'S CAP.

Turk's Cap. A popular variety, deeply netted and ribbed; flesh green; fine flavor and very productive; a favorite with market gardeners. Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.10.

Surprise. Thin skin and cream colored, thickly netted, flesh deep salmon; fine flavor and prolific. Pkt. 10c; oz. 30c; 1-4 lb \$1; lb. \$3.

Nutmeg. Nutmeg-shaped, skin deep green, finely netted; flesh greenish yellow, rich and sugary. Oz. 15c; 1-4 lb 30c; lb. 95c.



JENNY LIND.

Jenny Lind. A very small early variety, flattened at the ends; of surpassing good quality; recommended for family garden or an early market melon. Pkt. 5c; oz. 15; 1-4 lb. 50c; \$1.

Large Yellow Cantaloupe. Flesh reddish orange, sweet and of good flavor; an early and productive variety. Oz. 15c; 1-4 lb. 30c; lb. 90c

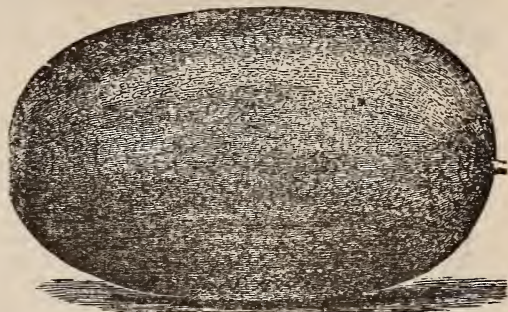
Large Yellow Musk. A very large variety; deeply ribbed and thickly netted; flesh salmon yellow, thick and sweet. Oz. 15c; 1-4 lb. 25c; lb. 80c.

MELON. (Water.)

Cultivate the same as Musk Melon. One ounce will plant 60 hills.

Add 16 cents per pound if sent by mail.

Cuban Queen. Its large size, productiveness, fine color, spicy flavor, thin skin and superior shipping qualities render it justly celebrated. It is very solid and grows to a great size. Our seed is direct from head quarters. Pkt. 5c; oz. 15c; 1-4 lb. 35c; lb. \$1.25.

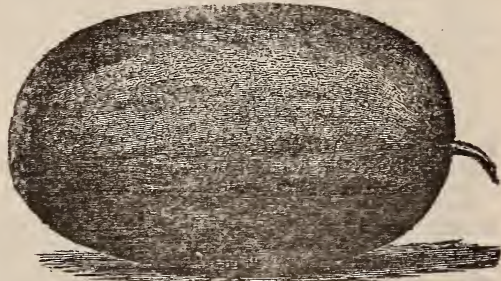


THE BOSS. (True.)

The Boss. This is without doubt one of the finest watermelons yet introduced. Perfect in shape, color and size; flavor unsurpassed; flesh deep scarlet; ripens early and is enormously productive. The Rural New Yorker claims it best among 20 new varieties tested last year. Seed direct from the introducer. Pkt. 10c; oz. 25c; 1-4 lb. 75c.

Scaly Back. A new melon of much promise. Pkt. 10c; oz. 25c; 1-4 lb. 75c.

Mountain Sprout. Fruit of the largest size, longish oval; skin dark green, marbled with lighter shades; flesh red, of excellent quality. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 85c.



VICK'S EARLY.

Vick's Early. Of medium size, oblong and smooth; highly prized for its earliness; flesh bright pink, sweet and solid. Pkt. 5c; oz. 10c; 1-4 lb. 30c; lb. \$1.

Mountain Sweet. The leading market sort; fruit of the largest size, longish oval; skin dark green; red-fleshed, and of excellent quality. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 80c.

Ice Cream. Form nearly round; flesh white, sweet and tender; an excellent early variety. Pkt. 5c; oz. 10c; 1-4 lb. 35c; lb. \$1.

Black Spanish. Fruit of large size, almost round; skin dark green; flesh red, sweet and delicious. Pkt. 5c; oz. 15c; 1-4 lb. 25c; lb. 80c.

Citron. A round, handsome fruit, of small size, used in the making of sweetmeats and preserves. Pkt. 5c; oz. 15c; 1-4 lb. 30c.

Icing, or Ice Rind. One of the best melons; solid, always of good flavor, skin very thin, oblong in shape, good size and very prolific; exceedingly popular. Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.10.

Orange. The rind separates like an orange; high colored and good flavor. Pkt. 5c; oz. 15c; 1-4 lb. 40c.

My selection of 6 best varieties Musk and Watermelon, 3 packages, each for 25 cents. (6 in all.)

MUSTARD.

A salad used sometimes with cress. Sow thickly in rows, and cut when about two inches high. For a crop of seeds, sow in April, in drills a foot apart, and thin out moderately when about three inches high. Pkt. 5c; oz. 10c.

White London. Best for salad. 1-4 lb. 20c; lb. 45c.

ONIONS.

Apply 8 to 12 cords of manure per acre; plow thoroughly about 5 inches deep, and work manure well into the soil. The Onion thrives best when cultivated on the same ground for successive years. As early in the spring as the ground is in working order, level with a rake and tread it firmly; sow in drills about quarter of an inch deep and one foot apart; cover, and press the soil with a light roller. It requires four pounds of seed to sow an acre; one ounce will sow a bed $4\frac{1}{2} \times 25$ feet, in drills nine inches apart. It is beneficial to spread broadcast over the onions while growing, a mixture of ashes and bone meal, five to ten hundred pounds per acre. One-third more per acre, and better onions for market can be grown by sowing thickly, never to thin out, leaving as close as one inch apart to mature. Experiments have proved that hard and firmly packed sandy soil will yield two-thirds more onions than loose, pulverized soil. Try it and you will be convinced.

Add 16 cents per Pound if sent by mail.

Improved Yellow Globe Danvers. (True.) This seed was grown especially for my trade in the great onion district of Massachusetts, from selected hand picked onions, by one of the best and most noted onion growers in the state, who gives onion culture his entire attention to improve its form and yield. My stock is pure; none better can be had. The illustration represents its true form. This is the most profitable variety to grow, yielding from six to eleven hundred bushels per acre; very early. Pkt. 5c; oz. 15c; 1-4 lb. 35c; lb. \$1.25. 5 pound lots, \$5.

Extra Early Pearl. The earliest of all; Pearly White, growing almost as rapidly as a radish: flat, mild flavor, good keeper. A remarkable onion. Pkt. 15c.

Early Red Globe Danvers. One of the earliest and most productive of the red varieties. Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.25.

Weathersfield Large Red. Of large size; deep red in color, and an excellent keeper. Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.

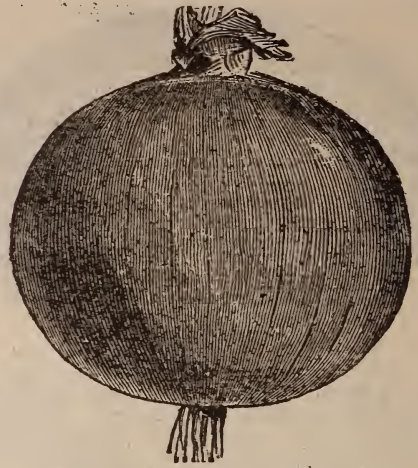
Yellow Dutch. A good keeper and well flavored. Pkt. 5c; oz. 20c; 1-4 lb. 50c; lb. 1.50.

White Globe. As large as Yellow Danvers; a good keeper and of fine flavor. Pkt. 5c; oz. 15c; 1-4 lb. 75c; lb. \$2.50.

New Queen. An excellent variety; is remarkable for its keeping qualities and rapidity of its growth. Pkt. 10c; oz. 30c; 1-4 lb. \$1.

Southport Yellow Globe. A little later than Globe Danvers; nearly round, mild and pleasant; a good keeper and very productive. A favorite in New York market, but does not do as well when grown north of Central Massachusetts. Pkt. 5c; oz. 10c; 1-4 lb. 40c; lb. \$1.25.

Giant Globe Maderia. Grows to a large size, mild flavor. Pkt. 10c; oz. 25c; 1-4 lb. 80c.



IMPROVED GLOBE DANVERS ONION.

Large Italian Tripoli Globe. Deep red, enormous size, mild flavor of very rapid growth, often weighing two and a half pounds each. Pkt. 10c; oz. 25c; 1-4 lb. 75c.

Tripoli White Flat Mammoth. (New.) Growing six to seven inches in diameter, or a circumference of about twenty inches; flat, silvery white, mild, fine flavor, a heavy cropper; the largest onion in cultivation; fine for exhibition. Pkt. 10c; oz. 50c.

ONION SETS.

The Potato and Top Onions are grown only from bulbs. The Potato onion is increased by the bulb splitting up and dividing itself into six or eight smaller bulbs, which in turn form the sets to plant for the next crop. The Top Onion forms clusters of small bulbs on the stem, which are broken apart and planted in the same manner as the sets above referred to.

Add 20 cents per quart if sent by mail.

Potato Onions. The earliest of all onions, and the most profitable for the market gardener, being ready for market in 5 or 6 weeks from time of planting; to be tied in bunches in the green state; six weeks in advance of the top or white onion sets. Qt. 20c; Pk. \$1; bu. \$3.25.



POTATO ONIONS.

Top, or Button Onions. Maturing just after the Potato Onion has gone by; good size and keeps well. Qt. 25c; pk. \$2.

OKRA, OR GOMBO.

The long pods of this vegetable, when young, are used in soups, stews, etc., and are believed to be

very nutritious. Sow at the usual time of all tender vegetables, in drills two inches deep, in rows from two to three feet apart. Pkt. 5c; oz. 10c.

Improved Dwarf Green. Early and productive. $\frac{1}{4}$ lb. 25c.

Long Green. Long, ribbed pods. $\frac{1}{4}$ lb. 25c.

PARSLEY.

Parsley succeeds best in a rich, mellow soil. As the seed germinates very slowly, it should be sown in spring, previously soaking the seed for a few hours in tepid water. Sow thickly in rows a foot apart and half an inch deep. For winter use, protect in a frame or light cellar.

Carter's Champion Moss-Curled. The best for garnishing. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

Double Curled. A fine dwarf variety, beautifully curled; excellent for garnishing. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

PARSNIP.

Sow as early in spring as the weather will permit, in drills fifteen inches apart, covering half an inch deep. Unlike carrots, they are improved by frost, and it is usual to take up in the fall what is wanted for winter use and leave the rest to be dug up as required in spring. Add 16 cents per pound if sent by mail.

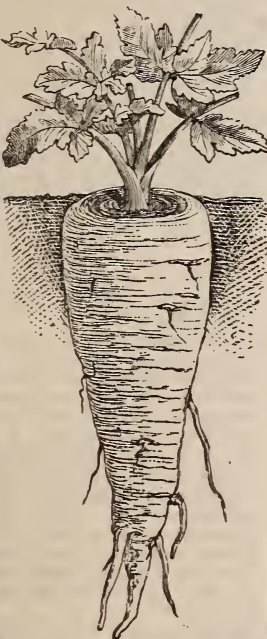
Long Smooth, or Hollow Crown.

Best for general use. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 60c.

The Student. A fine flavored variety. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 60c.

PUMPKIN.

They are usually planted in fields of corn or potatoes, but may be raised in fields by themselves. Sow the first of May, in hills eight feet apart.



LONG SMOOTH PARSNIP.

Cheese. The best variety for cooking purposes. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 80c.

Connecticut Field. Very productive, and largely grown for feeding stock. Pkt. 5c; oz. 10c; 1-4 lb. 15c; lb. 35c.

Mammoth. Grows to an immense size, often weighing from 100 to 150 pounds. Pkt. 10c; oz. 30c.



SWEET MOUNTAIN PEPPER.

PEPPER.

Grown largely for pickles. Sow in a hot-bed in March or early in April, and transplant in the open ground when the weather is favorable. They should be planted in warm, mellow soil, in rows eighteen inches apart. They may also be sown in the open ground when danger of frost is passed, and the soil is warm and settled.

Large Bell, or Blue Nose. An early variety, of mild flavor; rind thick and fleshy; a favorite sort for pickling. Pkt. 5c; oz. 35c.

Sweet Mountain, or Mammoth. Similar to the preceding in shape and color, but larger and milder. Used for making stuffed pickles. Pkt. 5c; oz. 35c; 1-4 lb. \$1. (See cut.)

Long Cayenne. Best for seasoning pickles. Pkt. 5c; oz. 35c; 1-4 lb. \$1.

New Golden Dawn. Bright golden yellow; more productive than any other variety; free from fiery flavor. Pkt. 10c; oz. 50c.

PEAS.

Repeated sowings once in two weeks will insure a regular supply. For dwarf varieties requiring no stakes, sow in single rows about two inches deep, and about one and a half feet apart. For tall varieties requiring no stakes, sow in double rows about four feet apart and three inches deep.

Add 25 cents per quart if sent by mail.

EXTRA EARLY.

Bliss' American Wonder.

The earliest wrinkled Pea in cultivation. For productiveness and flavor it is unsurpassed. It grows ten to fifteen inches high; robust habit, and vines covered with a profusion of pods. This stock I procured direct from the originator, and grew nearly an acre for seed last year, and should give earlier results than New York grown seed. Pkt. 10c; qt. 30c; pk. \$2.25; bu. \$8.



BLISS' AMERICAN WONDER.

Excelsior. Another season's trial proves this Pea to rank first among the early *smooth* varieties for marketmen or family use as a well-tried standard sort. Several gardeners who gave it a trial last season, in this section, all speak very highly in its favor as an early, productive Pea, and the best early market Pea in cultivation. Planted on my own ground beside six other varieties claimed to be as early, this proved five to ten days earlier, and a week earlier than American Wonder. Larger, longer, and more pods, better filled out, and more peas in a pod than other smooth sorts. For a productive, early Pea for marketmen or private family, none can be found to equal it. Grows from twenty to twenty-four inches high, and requires no bushing. It produced last year on one measured acre of ground 250 bushels of green pods. Pkt. 10c; qt. 30c; pk. \$2; bu. \$7.75. (See cut in Novelties.)

Minimum. A very dwarf, wrinkled variety; six inches high: produces a good many pods, but are quite small. Pkt. 15c.

Premium Gem. A little taller and later than Little Gem. Pkt. 10c; qt. 30c; pk. \$2.

First and Best. Very early, productive, market or family Pea. Not as early or productive on my grounds as Excelsior. Pkt. 10c; qt. 25c; pk. \$1.50; bu. \$5.

Day's Early Sunrise. A very large, early Pea; strong, robust and productive; growing 20 inches high; maturing for the table about with American Wonder. I consider this one of the very best family Peas; large and of very fine flavor. Pkt. 10c; qt. 25c; pk. \$1.65; bu. \$5.50.

Improved Dan O'Rourke. (True.) A standard early variety for market or home use. Growing about two feet high; pods good size and well filled; productive and of good quality. Pkt. 10c; qt. 25c; pk. \$1.60; bu. \$5.

Earliest of All. (True.) The earliest blue marrow. 2 feet. Pkt. 10c; qt. 30c; pk. \$2.

Express. A new, French, very early variety, of high praise. Pkt. 15c.

Pride of the Market. A very popular, new, English Pea, 18 inches high, which has won many first-class prizes. Pkt. 15c; pint 25c; qt. 50c.

American Racer. A new early Pea. Pkt. 10c; qt. 50c.

McLean's Little Gem. A dwarf, green, wrinkled marrow; very prolific; first early; 1 foot. Qt. 25c; 1-4 bu. \$1.75; bu. \$6.

Blue Peter. Very dwarf. Should by all means plant American Wonder in preference.

FOR GENERAL CROP.

Yorkshire Hero. A well established, half-dwarf, wrinkled pea, highly valued for the garden by all who have tried it; maturing for the table before the Champion; grows 2½ feet high; pods large; very heavy to yield, keeping in the green state for a long time; unsurpassed in sweetness; peas very large. Pkt. 10c; qt. 25c; ½ bu. \$1.75; bu. \$6.

Champion of England. An old variety and highly valued. Many of the newer varieties now far surpass it in yield, flavor and growth. 5 feet. Pkt. 10c; qt. 25c; pk. \$1.50; bu. \$4.50.

Dwarf Marrowfat. More dwarf than Black Eyed Marrowfat; a little earlier; equally as prolific; more desirable on account of its dwarf habit, requiring no bushing. Pkt. 10c; qt. 25c; pk. \$1.25.

Black-Eyed Marrowfat. Very extensively grown as a field Pea; hardy and productive; 4 ft. Pkt. 10c; qt. 20c; 1-4 bu. 90c; bu. \$2.50.

Dwarf Sugar. Edible pods, of good quality shelled; 3 feet. Pkt. 10c; qt. 50c.

Perpetual. This new and highly prized variety, first introduced this season, enters a new field in the Pea family, and is likely to become the main late variety for family use; possibly an excellent market variety. Its habit of both branching and

maturing for the table just after Rival and continuing to grow and produce new pods till frosts appear, renders it a valuable variety. It grows about 3 feet high and continues in bearing until October, yielding immense crops of large peas of the finest flavor; season medium to very late; on account of its branching habit, they should be thinned to about 12 inches apart and sow in rows 2½ feet apart. Pkt. 25c.

Bliss' Everbearing. This is a new variety, said to be of much promise as a branching, ever-bearing variety to follow as a late Pea. Pkt. 25c.

SECOND EARLY VARIETIES.

McLean's Advancer. An early, green, wrinkled variety, of delicious flavor; 2 feet. Qt. 25c; 1-4 bu. \$1.65; bu. \$6.

Dwarf Mammoth. One of the best wrinkled Peas for family use, growing about 2 feet high; large, sweet and productive. Pkt. 10c; qt. 35c.

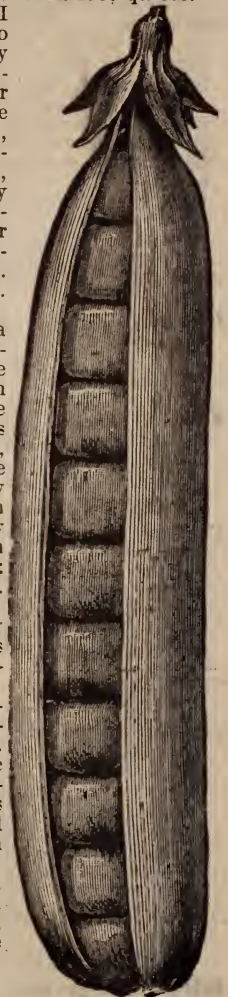
Telephone. (See cut.) I have tested this Pea for two years, and think it the very best medium late Pea in cultivation. It ripens just after Advancer, yielding immense crops of very large pods, with unusually large wrinkled peas, 10 to 12 in a pod, while its superior quality ranks among the very highest in the pea family. For family, market, or exhibition, it will rank first. Pkt. 15c; pt. 30c; qt. 50c; ½ pk. \$1.75; pk. \$3.35.

Stratagem. (New.) For a high-flavored, first-class variety to ripen just before Advancer, it will be much esteemed. For the best table or the people's market, it is a pea for everybody; dwarf, hardy, and very prolific; fine shape, well filled with very handsome large peas. An excellent variety to follow Little Gem or American Wonder. Pkt. 15c; pint 30c; qt. 50c; ½ pk. \$1.75; pk. \$3.25.

Abundance. A new branching variety; 15 inches high; wrinkled; of good flavor. Pkt. 25c.

Emperor. (New.) Considered the most prolific wrinkled marrow yet introduced. Pods and peas large; of fine flavor; branchy habit, producing three to five branches close to the ground and again branching eighteen inches higher. Pkt. 20c.

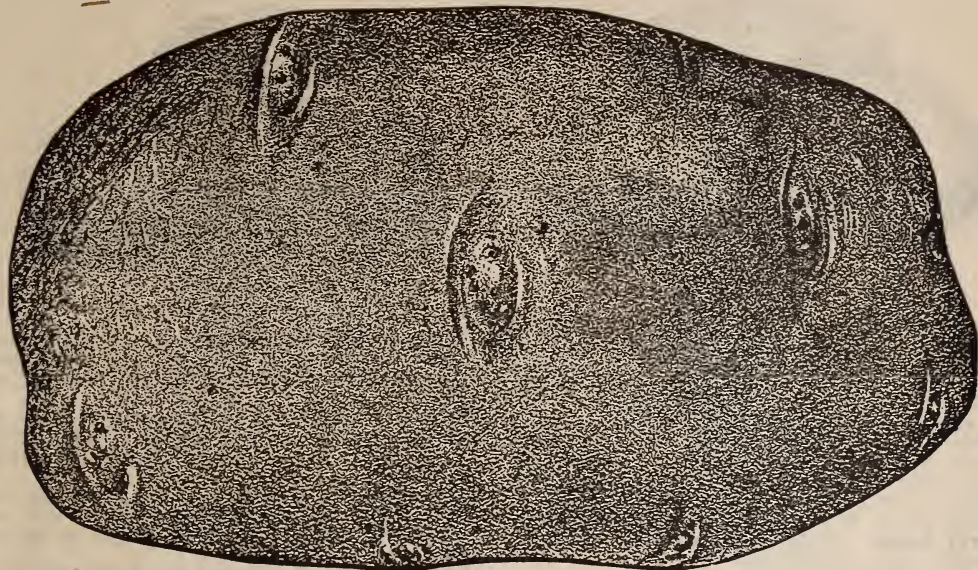
Rival. A new, branching, wrinkled pea; robust and very prolific; rich flavored; growing two feet high; fine pods, 7 to 9 peas in a pod. Pkt. 20c.



TELEPHONE PEA.

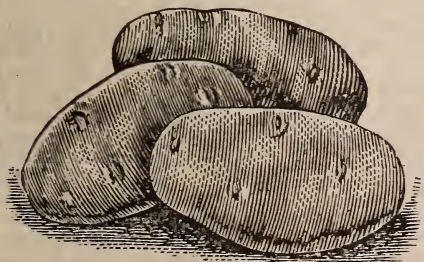
POTATOES.

It is well known by the best potato growers that potatoes grown in a Northern climate will produce earlier and better tubers than if grown in a Southern climate. Most of the varieties following were grown on our Vermont hills, in soil that is well adapted to produce the most healthy tubers, and if my customers want truly Northern grown potatoes for seed, they will be sure of getting here that which is pure and true to name. Add 16 cents per pound if sent by mail.



EARLY MAYFLOWER.

***Early Mayflower.** For several years search has been made for a potato with the hardy productive qualities of the E. Rose. The originator, Mr. Brownell of this state, who is one of the best authorities on potatoes, thinks these qualities have been found in the Early Mayflower. It originated in 1877, being a cross between Snowflake and Peachblow, ripens with E. Rose, while its keeping qualities are unequalled; placed in the cellar in the fall of 1881, they remained until after the harvest of 1882, and were nearly equal in quality to the new crop. In personally testing this fine variety I found it almost the texture of flour, either boiled or baked. It is smooth, a little flattened, with a netted surface, eyes few, small, and nearly even with the surface. See illustration taken from one of my specimens. It grows in compact cluster in the hills, and thus far not one rotten potato has been found when others did decay badly. It has been widely tested in all sections, producing healthy, vigorous growth, and exceedingly large in yield. It has been awarded the highest certificate of merit in London, England; and Boston Horticultural Society awarded it a silver medal. It is recommended submitting it to the most critical test, that its high merits warrant all and more than has been said of it, being by far the best early potato ever introduced. Lb. 50c; 4 lbs. \$1; peck, \$1.75; 1 bu. \$4.75; bbl. \$12.



NEW EARLY SUNRISE.

***New Early Sunrise.** This has made an excellent record in all sections during last season, and is no doubt one of the best early productive

varieties we have; being fit for the table 52 days from planting; they are quite long, large, very handsome and uniform; flesh white, fine grain, and a most excellent cooking potato, even when first dug; very productive and a good keeper. From one pound of seed, 12 of the largest weighed 25 lbs. and 11 ounces in 67 days from planting. Reports from different sections state from 400 to 600 lbs. are raised from 6 lbs. From trial on my grounds of 20 varieties I found it to be one of the best first class varieties for market or private gardens. Lb. 35c; 4 lbs. \$1; peck, 75c; bu. \$2.50; bbl. \$6.

Vick's Extra Early. Said to be the earliest in cultivation, and is especially noted for its earliness and excellent quality; said to do better when cut in single eyes, dropping singly one foot apart in drills. Ten eyes, 75c; 25 eyes, \$1.50; one lb. \$2, prepaid by mail.

Dakota Red. A new variety which comes highly recommended as a main market crop. Ripens medium; good quality; per lb. \$1.25.

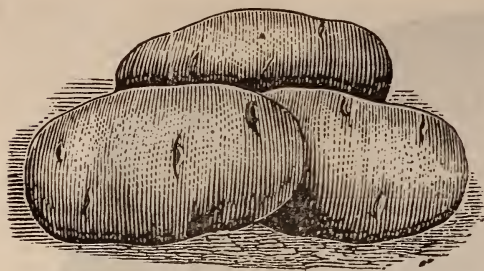
***Early Maine.** A new variety, seedling of E. Rose; its combined earliness, yield and quality are said to be among the very best, and worthy of trial. One lb. 60c; 3 lbs. \$1.25; peck, \$1.75; bu. \$5.

Pearl of Savoy. A new seedling originating from a cross between Early Vermont and Clark's No. 1, said to be fifteen days earlier than Early Rose, yielding 450 to 500 bushels per acre. Per lb. 25c; 3 lbs. 50c; peck, 75c; bushel, \$2.50; bbl. \$5.50.

Beauty of Hebron. This somewhat resembles Early Rose in shape; of a lighter red color; earlier and proved side by side one third more prolific, while its quality is unsurpassed. This variety on trial side by side of Chicago Market, Early Gem and Mammoth Pearl, exceeded them by weight, and far less small ones. The best reports are given in its favor from all sections. Lb. 20c; 6 lbs. \$1; peck, 40c; bu. \$1.35; bbl. \$3.25.

Clark's No. 1. This is a first-class variety for the farmer or market gardener; earlier than Early Rose, and will yield 25 per cent. better; color a little darker; not quite as long, otherwise fully as large. It cooks very dry and mealy; flavor excellent. This variety is much esteemed throughout the country, and has yielded 450 bushels per acre. Per lb. 20c; peck, 40c; bu. \$1.35; bbl. \$3.25

Add 16 cents per pound if sent by mail.



CLARK'S NO. ONE.

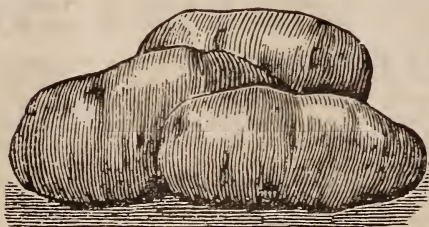
***Rosy Morn.** An introduction of last spring of more than ordinary merit; remarkably early and of unusually good table qualities, being solid and sound, and cooking white and mealy. Per lb. 25c; 5 lbs. \$1; peck, \$1.25; bu. \$3; bbl. \$6.

Extra Early Vermont. One of the best standard very early potatoes we have, yielding 1-3 more than Early Rose, and about one week earlier; remarkably smooth and fine appearance; similar in color to Early Rose; a favorite wherever tried. Per lb. 20c; peck, 40c; bu. \$1.35; bbl. \$3.25.

Early Rose. A standard variety for earliness, quality and productiveness. Per lb. 20c; pk. 45c; bu. \$1; bbl. \$3.

Belle. Tubers large, good shape and slightly russeted; a trifle darker than the Early Rose; a very strong grower and heavy yielder. This variety is an excellent keeper, and good for home use or marketing. Per lb. 30c; pk. 70c; bu. \$2; bbl. \$5.50.

White Elephant. Tubers large, long and light pink; grow to an immense size, not hollow; very productive and of good quality. Per lb. 20c; pk. 50c; bu. \$1.25; bbl. \$3.50.



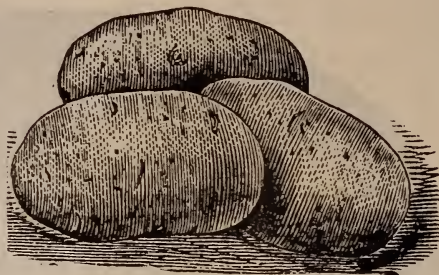
WHITE ELEPHANT.

***Watson's Seedling.** A variety which has been grown with great success in northern Vermont for two years. It resembles Early Rose, but its yield and cooking qualities far surpass it. The seed offered comes from the extreme northern part of Vermont, and is a handsome lot. Lb. 25c; pk. 40c; bu. \$1.50; bbl. \$3.50.

White Star. Tubers large, long, and of the finest quality. Per lb. 20c; pk. 50c; bu. \$1.50; bbl. \$4.50.

Early Gem. One of the best early Potatoes of excellent quality. Medium size, oblong in form, very smooth; color, very light pink. It cooks first-class. Flesh white, fine grained and exceedingly mealy. Per lb. 25c; pk. 75c; bu. \$2; bbl. \$5.

Chicago Market. One of the best Potatoes for family market. Tubers large and uniform in size; flesh white, dry, and well flavored; wonderfully productive. The skin is light flesh color, but partially covered with a russet coating. Earlier than the Early Rose. Per lb. 20c; pk. 75c; bu. \$2; bbl. \$4.



EARLY BEAUTY OF HEBRON.

***Winslow's Seedling.** A seedling of Early Rose, about as early; yielding much better; popular in Boston market. Per lb. 35c; peck, 75c; bu. \$1.75.

Wall's Orange. Yielding enormous crops; excellent quality. It is a strong grower, hardy; ripens late. Per lb. 20c; peck, 75c; bu. \$1.50; bbl. \$4.

Queen of the Valley. In some sections this has proved a fine variety; a great yielder and cooks well. Per lb. 20c; peck, 75c; bu. \$1.50; bbl. \$5.

***Vanguard.** Sent out by Mr. Henderson as 10 days earlier than Early Vermont. Per lb. 60c; peck \$1.50; bu. \$5.

***Early Telephone.** Originated in Vermont by Mr. Brownell; resembles in some respects the famous Brownell's Best. It is considered a great acquisition; from one potato planted last spring its yield was 40 pounds; quality unsurpassed. Per lb. 30c; peck, 75c; bu. \$2.

***White Rose.** A fine, large, white potato; resembles White Star. Lb. 20c; peck, 50c; bu. \$1.50.



VICK'S PRIZE.

***Vick's Prize.** (New.) Tubers large, very uniform in size; skin white, quite smooth, with few eyes set almost even with the surface. Will give satisfaction as to appearance and quality; immense yielder, very hardy, and pronounced by those who have grown it the past three years to be the best and most profitable field potato in cultivation. Per lb. 30c; peck, 75c; bu. \$2; bbl. \$5.

One pound each above varieties, except tVick's Extra Early, Pearl of Savoy and Dakota, in all 20 varieties, which amounts to \$6.15 at pound rates, I will send them to one address by express for \$4. A good opportunity to test a choice collection of potatoes.

2 lbs. each of 20 varieties for \$6.50.
3 " " " " " " \$8.00.

One pound each of the 10 varieties marked with * at pound rates cost \$3.70, I will send them to one address for \$2.85, or

2 lbs. each for \$5.00
3 " " " " " " \$7.00.



RADISH.

For a successive supply, sow from the middle of March until July, at intervals of two or three weeks. For an early supply they may be sown in a gentle hot-bed in March.

Long Scarlet Short-Top. The standard variety for market and private gardens. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 70c.

French Breakfast. Of quick growth, very mild and tender; one of the best for forcing. Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 75c.

Olive Shaped Scarlet. Oblong shaped; flesh rose-colored, tender and excellent. Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 75c.

Rose China Winter. Bright rose color; flesh firm and piquant; excellent for winter use. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.10.

California Mammoth White. A giant, white-fleshed fall Radish, of excellent quality. Pkt. 10c; oz. 30c.

Early Round Dark Red. A new variety of much value on account of its short top. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.

☞ Add 16 cents per pound if sent by mail.

SPINACH.

For summer use it may be sown at intervals of two or three weeks, from April till August. Spinach is best developed and most tender and succulent when grown in rich soil. Pkt. 5c; oz. 10c, except where noted.

☞ Add 16 cents per pound if sent by mail.

Long Standing. Remains a long time before running to seed; in other respects similar to Round Leaved. Pkt. 5c; oz. 10c; ¼ lb. 15c; lb. 50c.

Round. The main market sort; quality good for spring or fall sowing. 1-4 lb. 20c; lb. 35c.

Prickly. Stands well in winter, but less prolific bearer. 1-4 20c; lb. 40c.

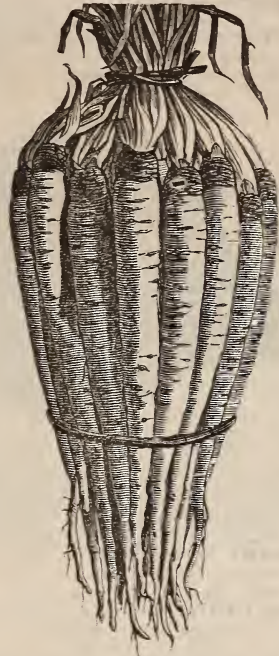
Viroflay. A new variety with large thick leaves. Oz. 10c; 1-4 lb. 20c.

Improved Thick Leaved. Produces a large, thick leaf; stands a long time before running to seed. Oz. 10c; 1-4 lb. 20c; lb. 50c.

New Zealand. Produces leaves in great abundance throughout the summer; should be raised in heat and transplanted three feet apart each way in a light, rich soil. Pkt. 5c; oz. 15c; 1-4 lb. 40c.

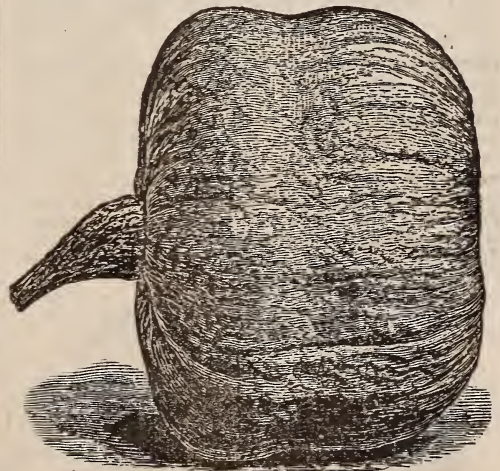
SEA-KALE.

Cultivated for its blanched shoots, which are cooked as Asparagus. Pkt. 10c; oz. 30c; 1-4 lb. \$1; lb. \$3.50.



SALSIFY, or OYSTER PLANTS.

Sow early in spring, in drills fifteen inches apart; cover the seeds an inch and a half in depth, and when the plants are strong enough, thin out to six inches apart. Pkt. 5c; oz. 20c; 1-4 lb. 50c.



ESSEX HYBRID.

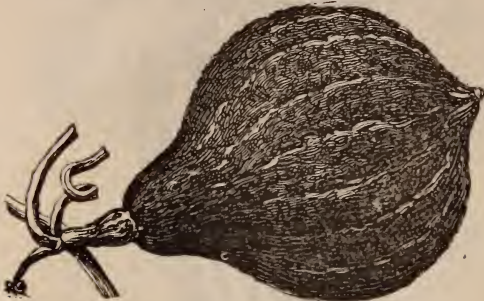
SQUASH.

Light soils are best suited for their growth. Prepare hills for the seed in the ordinary manner, by mixing two or three shovelfuls of well rotted manure with the soil for each hill. For the bush varieties, from three to four feet each way, and for the running sorts from six to eight feet. After they have attained their rough leaves, thin out to three or four of the strongest plants.

☞ Add 16 cents per pound if sent by mail.

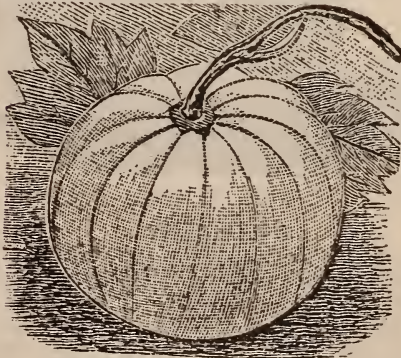
Bush Summer Crook Neck. Early, productive, and of good quality; color orange yellow. Pkt. 5c; oz. 15c; 1-4 lb. 25c; lb. 80c.

Yellow Bush Scallop. A very early variety; excellent. Pkt. 5c; oz. 15c; 1-4 lb. 25c; lb. 80c.
Boston Marrow. A much esteemed variety, coming in about ten days later than the bush and crook neck sorts; a good keeper and of unsurpassed flavor. Oz. 15c; 1-4 lb. 40c; lb. \$1.



HUBBARD SQUASH.

Hubbard. A general favorite, and more largely grown as a late sort than any other; of large size; flesh fine grained, dry, and of excellent flavor. Pkt. 10c; oz. 20c; 1-4 lb. 40c; lb. \$1.25.
Marblehead. A good winter squash, resembling the Hubbard, and equally as good. Pkt 5c; oz. 15c; 1-4 lb. 35c; lb. \$1.15.
Mammoth Chili. Grows to a large size, often weighing over two hundred pounds; excellent for feeding stock. Pkt 10c; oz. 35c.
Winter Crook Neck. A variety largely grown in some of the Eastern states; flesh close grained sweet and flavored. Pkt. 5c; oz. 15c; 1-4 lb. 30c; lb. 85c.
Essex Hybrid. This is one of the richest flavored, finest grained, sweetest, most productive and best keeping Squashes. Being very early, it may be planted as a second crop after early peas, potatoes or cabbages. Pkt. 10c; oz. 20c; 1-4 lb. 40c; lb. \$1.25.
American Turban. Flesh orange yellow, thick, fine grained and well flavored. Pkt. 5c; oz. 20c; 1-4 35c; lb. \$1.10.
Yokohama. Thick, very dry, sweet and excellent, maturing earlier than the Hubbard, but not as desirable for winter. Pkt. 10c; oz. 30c.
Perfect Gem. Habit and growth like the Coconut yielding two dozen squashes on one vine. They are about six inches in diameter, straw color, thin skin, flesh dry and very fine grained; ripens with Hubbard and keeps well in winter. Pkt 10c; oz. 20c; 1-4 lb. 60c; lb. \$2.



PERFECT GEM.

TURNIP.

It is one of the most wholesome roots for feeding stock, and is extensively grown in market gardens. In England it is one of the staple products of the

farm. For early use, sow as soon as the ground can be worked in the spring, in drills 15 inches apart, and thin to four or five inches in the row. New sod ground is the best. Where old ground is used good top-dressing of wood ashes is the surest method of obtaining good smooth roots. Unless so treated, they are most sure to grow wormy if grown in old garden soil. If sown broadcast, from three to four pounds of seed is required, and in drills, from one to two pounds. The latter is the usual method of sowing. Bone-dust, superphosphate, plaster, salt, ashes, or a mixture, is much better to be sown broadcast before drills are made. Sprinkle plaster or ashes on young plants when insects are troublesome.

For fall crop, sow from the middle of July to the middle of August. Pkt. 5c; oz. 10c, except where noted.

☞ Add 16 cents per pound if sent by mail.

Yellow Finland. A small early variety; flesh bright yellow. Oz. 10c; 1-4 lb. 25c.
Yellow Globe. One of the best American varieties for a general crop. Oz. 10c; 1-4 lb. 25c.



EARLIEST RED-TOP.

Earliest Red-Top. One of the very earliest varieties; shape, between flat and round; white flesh. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 60c.
Yellow Aberdeen. Very hardy and productive; a good keeper; globe shape, color pale yellow with purple top. ¼ lb. 25c; lb. 75c.
Purple Top White Globe. An early variety; globe shape; in other respects similar to the Red Top Strap Leaf. Pkt. 5c; oz. 10c; 1-4 lb. 40c; lb. \$1.
EARLY FLAT DUTCH. An excellent garden variety, resembling White Strap Leaf; the best variety for spring sowing. 1-4 lb. 25c; lb. 60c.
Extra Early Munich. This occupies the place among Turnips that the Egyptian beet does in its class, being ten days to two weeks earlier than the purple Top Strap Leaf; flesh white, good size, excellent flavor. Pkt. 5c; oz. 10c; 1-4 lb. 30c; lb. 80c.
Long White, or Cow Horn. Matures very quickly; roots shaped like a carrot, about half of which is formed above ground. 1-4 lb. 25c; lb. 60.

TURNIP. (Ruta Baga.)

The Ruta Baga, Swedish, or Russian Turnip, known also to many under the name of "French Turnip," forms a distinct class. The bulbs are close grained, very hard and will endure a considerable degree of cold without injury. They keep well, stored in a cellar, without any trouble, but are not in perfection for the table till toward spring. Extensively grown as a farm crop. The Swedes, at the North, should be sown from the 10th of June till the 1st of July, in drills from two to three feet apart, and thinned out from ten to twelve inches apart, or they may be sown in a

seed bed and afterwards transplanted. It is necessary that the ground should be dry and made very rich.



SKIRVING'S PURPLE TOP

SKIRVING'S PURPLE TOP. An improved purple topped variety, of very strong growth; large size. By its quick vegetation it generally escapes the ravages of the fly; suited to field culture and cattle feeding; yellow flesh. 1-4 lb. 25c; lb. 60c.

Laing's Improved. Of excellent quality; purple above and yellow underground; almost perfect globe shape when well grown, with a small top and tap root; yellow flesh. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 60c.

Improved American. This variety is largely grown in this country by many of the most prominent agriculturists, both for the table and for feeding stock; flesh, very solid; fine quality and keeps well until summer. Pkt. 5c; oz. 10; 1-4 lb. 25c; lb. 65c.

SWEET GERMAN. In good soils and favorable seasons is comparatively smooth and regular, and under opposite conditions often uneven; neck two to three inches long; skin greenish brown above ground, white beneath; flesh pure white, of extraordinary solidity; very sweet, mild, and well flavored; retains its firmness till spring; as a table variety it must be classed among the first, and should be largely cultivated. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 65c.

Carter's Improved Hardy Swede. New English variety, highly recommended as producing extraordinary crops, and has obtained many first class prizes at various exhibitions in England. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 70c.

Long White French. Flesh white, solid, mild and sweet; excellent for the table and stock. This and Sweet German should be sown earlier than other varieties of Turnips. Often sown in seed beds and transplanted, as recommended for Ruta Baga. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 60c.

SUTTON'S CHAMPION PURPLE TOP SWEDE. One of the finest varieties and of the very best quality. It is the most hardy, the heaviest cropper and the most nutritious variety grown, yielding from 40 to 50 tons per acre, and is always awarded prizes wherever exhibited; a favorite English variety. My seed is imported and grown from select stock. Oz. 10c; 1-4 lb. 25; lb. 75c.



LIVINGSTONE'S FAVORITE.

TOMATO.

The seed should be sown in a hot bed or box, in the house, in March or April, in drills five inches apart and half an inch deep. When three inches high, transplant in another hot bed two or three inches apart. About the middle of May the plants may be set in the open ground, in light, sandy soil, at a distance of three inches apart, in hills, in which a shovelful of well rotted manure has been mixed.

Livingstone's Favorite. This new Tomato is the largest and most perfect shaped variety yet introduced; very smooth, does not crack or rot, color fine dark red, ripens evenly and very early, holding its size to the end of the season; very solid, few seeds, fine flavor and a splendid shipper. Pkt. 10c; ½ oz. 30c; oz. 50c.

Acme. Similar to Paragon, except color, being a dark red with purplish tinge. Pkt. 5c; oz. 25c; 1-4 lb. 75c.

Canada Victor. A remarkable early variety of medium size; very round and smooth. Pkt. 5c; oz. 25c; 1-4 lb. 75c; lb. \$2.50.

Paragon. One of the very finest early varieties; good size, perfectly smooth, very solid and productive; bright, glossy crimson. Pkt. 5c; oz. 25; 1-4 lb. 75c; lb. \$2.50.

Perfection. Almost round in shape, smooth and solid, larger in size than Acme, and a little smaller than the Paragon; quality very best and enormously productive, bearing all through the season until frost. Pkt. 10c; oz. 50c; lb. \$3.50.

Trophy. One of the finest tomatoes in cultivation. Having been thoroughly tested, it holds the highest rank for flavor, size and smoothness. Pkt. 5c; oz. 25c; 1-4 lb. \$1; lb. \$3.50.

Yellow Plum. A beautiful variety, used principally for pickling and preserving. Pkt. 10c; oz. 30c.

Strawberry. Valuable for preserves and keeps a long time. Pkt. 10c.

Essex Hybrid. This variety is receiving much praise wherever tried; smooth, solid, fine color, splendid for market or home use. Pkt. 10c; oz. 35c; 1-4 lb. \$1.

Cardinal. A very handsome new variety, noted for its round, smooth form; solid, few seed only; ripens uniformly: of a cardinal color. Pkt. 30c; seed 25c.

FRUIT SEEDS.

	Pkt.	Oz.	Lb.
Apple,	\$.10	\$.10	\$.50
Apricot Pits,		.10	.75
Blackberry,	.10	1.00	
Currant,	.10	.50	
Gooseberry,	.10	1.00	
Pear,	.10	.25	2.00
Peach, per bu. \$2.20			
Plum,			.25
Quince,	.10	.35	3.50
Raspberry,	.10	.75	
Strawberry,	.25	1.00	

HERB SEED.

See Page, 66.

TREE SEEDS.

	Pkt.	Oz.	Lb.
Ash, White,	\$.10	\$.20	\$2.00
Ash, Mountain,	.10	.20	2.00
Arbor Vitæ, Am.	.15	.40	4.00
Buckthorn,	.10	.15	1.50
Cedar, Red,	.10	.15	1.25
Fir, Balsam,	.15	.30	3.00
Fir, Scotch,	.10	.25	2.50
Fir, Silver,	.10	.20	1.50
Larch, European,	.10	.20	2.00
Locust, Honey,	.10	.15	1.00
Locust, Yellow,	.10	.15	1.00
Maple, Sugar,	.10	.20	2.00
Pine, White or Weymouth,	.15	.30	3.00
Pine, Black Austrian,	.15	.30	3.00
Pine, Stone, (Pinea)	.10	.20	2.00
Pine, Seaside,	.10	.15	1.25
Spruce, Hemlock,	.15	.40	4.00
Spruce, Norway,	.10	.20	1.50

GRASS SEED.

Subject to changes. If by mail, add 10 cents per Qt. 16 cents per lb. for postage.
Not in stock, but can furnish at short notice.

	Qt.	Lb.	Bu.
Red Top, (14 lbs. per bu.)	\$.15	\$	\$1.50
Rhode Isl'd Best,	.20		4.00
Kentucky Blue,	.20		2.25
Orchard,	.25		3.00
Timothy, (Herds Grass) 45 lbs. to bu.		variable,	2.75
Rye, English,			4.00
Hungarian,			2.00
Sweet Vernal,		.60	6.00
Millet, Common,			2.00
Red Clover, Medium,		.10	
Red Clover, Large, or Pea Vine,		.12	
White Clover,		.40	
Alsike, or Hybrid Clover,		.40	
Bokhara Clover,		.60	
Lawn Grass, Finest Mixed, by mail			
10c extra,	.25	Pk. 1.25	4.50
Early Amber Sugar Cane,	.25	.30	5.00



IMPERIAL BARLEY

	Pk.	Bu.
White Russian Spring Wheat,	\$.75	\$2.50
Clawson Winter Wheat, Pringles Green Mountain	.75	2.25
Wheat,	4.00	
1 lb. by mail \$1; 3 lbs. \$2.50		
Rye, Winter,	.60	1.50
Rye, Spring,	.60	1.75
Rye, New Thousand Fold,	1.50	4.00
Barley, New Imperial, 6 Rowed,	2.50	8.00
Barley, Two Rowed,		1.75
Barley, Four Rowed,		2.00
Buckwheat, Common,	.50	1.25
Buckwheat, Silver Hull,	.75	2.00
Oats, Excelsior Hullless, 3 lbs. \$2.00	.75	4.00
Oats, Welcome, lb. .75,	3.00	10.00
Oats, White Belgian,		
Pkg. 11c: lb. 40c;	.75	1.75
Oats, White Russian,	.50	1.25

BARLEY, IMPERIAL.

A new 6 rowed hybrid, from 2 rowed Chevalier to 6 rowed Canadian, under thorough trial for two years, has proved the most profitable Barley now in cultivation. Raised by Mr. Hosford of this state. Nine hundred lbs. of threshed barley and 1500 lbs. of straw raised from one lb. of seed last year. Ninety bushels grown from 23 quarts of seed, and 35 bushels from 9 quarts of seed. Pkt. 10c; lb. 50c, by mail; 3 lbs. \$1.25; peck \$2.50; bu. \$8.

Inducements to Clubs.

Persons sending \$1 00 may select seeds at catalogue prices in packets only, not oz. or lb., amounting to \$1 20	Persons sending 2 00 may select 2 50
" " 3 00 " " 3 75	" " 4 00 " " 5 00
" " 5 00 " " 6 50	" " 10 00 " " 13 00
" " 20 00 " " 27 00	

For \$30 Cash Premium See Index.

Club Orders on Plants.

You may select at single and retail rates only, 20 cents worth for every One Dollar's worth, free.

On all CASH orders for SEED amounting to Ten Dollars or over, sent at one time, at oz., lb., and peck rates, will allow 12 per cent. discount.

Hardy Ornamental Flowering Shrubs.

(FOR SPRING AND FALL PLANTING.)



HYDRANGEA PANICULATA GRANDIFLORA.

GENERAL COLLECTION.

The following are the finest hardy ornamental flowering shrubs. Strong, robust growers, thriving in all ordinary situations, and requiring but little attention, are very desirable in all kinds of ornamental planting, whether in door yard, lawn, park or cemetery, may be planted singly, or in groups or clumps, as occasion or taste may suggest. Their season of bloom lasts from May until November. Price 25 cents each; 6 for \$1; 12 for \$2, prepaid by mail. Extra strong plants, by express, 50 cents each; \$4 per doz. Will be sent by mail at prices given below.

HYDRANGEA PANICULATA GRANDIFLORA.

The finest hardy flowering shrub in cultivation. The flowers are pure white, afterwards turning to pink, and are borne in immense pyramidal trusses, more than a foot in length and eight to ten inches in diameter. It blooms in August and remains in bloom two or three months; creates a great sensation wherever seen. The plant attains a height of three or four feet, and is very bushy and compact. It needs no protection, as it is hardy in all parts of the country. No one who has a lawn or garden should be without this beautiful shrub. Price small plants, 25 cents each; large plants, 50.

Hydrangea, Thomas Hogg. Of low bushy growth, producing in July immense clusters of pure white flowers, often measuring 15 inches in diameter. It is equally as hardy as the old garden Hydrangea, and will be found a valuable plant for cemetery decoration. 25 cents each; \$2.50 per dozen. Large plants 50 cents each.

Hydrangea Otaska. This is another splendid sort; a great acquisition; heads very large; flowers bright rosy pink, contrasting beautifully with the other sorts. I recommend it as one of the finest of its class; new and scarce. Small plants, 25 cents each; strong blooming plants, 50 cents each.

H. Hortensis, or Garden. Frequently grown in pot or box; flowers are borne in large panicles, or heads, at first white, sometimes changing to blue, and finally to a bright pink. 25 and 50 cents each.

Hydrangea Variegata. Beautiful ornamental variegated foliage, light green and white. 25 and 50 cents each.

Almond Alba. Dwarf, double, white flowering. 50 cents.

“ **Communis.** A beautiful tree with double rose colored flowers in April. 50 cents.

Althea, or Rose of Sharon. A splendid large growing shrub, of easy cultivation, producing in mid-summer a great profusion of bell-shaped flowers, very showy, and of



WEIGELIA VARIEGATA.

various colors. I offer four kinds, double white, double blue, single white and single blue. 25 cents each; strong plants, 50 cents.

Variegated Leaved. A very beautiful and distinct variety; regular and compact growth. Half of each leaf is green and half pure white. Large, very double, bright pink flowers. 25 cents each.

Cydonia, Japonica. (The Japan Quince.) Blooms early in May, with a profusion of bright, single, scarlet flowers; very desirable. 25 cents; strong plants, 50 cents.

Deutzia Gracilis. Height 2 feet; very bushy; a climbing shrub; flowers pure white; blooms profusely; very hardy; 25 cents.

Crenata. Height 4 feet; similar growth and habit of above. Flowers double white, tinged with rose; hardy and fine. 25 cts.

Fortunii. Height 2 to 3 feet; one of the most beautiful and profuse flowering varieties; pure white; perfectly hardy. 25 cts.

Forsythia. Height 3 to 4 feet; beautiful, bright yellow flowers. Blooms early and profusely. 25 cents; strong plants 50 cts.

Lonicera. (The Upright Honeysuckle.) Are valuable, fragrant shrubs, and assume a handsome, compact form, without much pruning; bloom early and thrive in any soil 25 cents; strong plants, 50 cents.

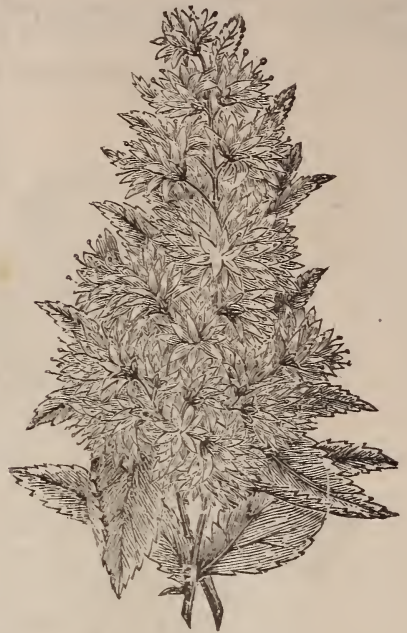
Red Tartarian. A splendid shrub, with large, dark, rose colored flowers; one of the finest of this class. 25 cents; strong plants, 50 cents.

Alba Grandiflora. Similar to above, with pure white flowers; a profuse bloomer. 25 cents; strong plants, 50 cents.

Barberry, Purple Leaved. This beautiful shrub is one of the finest on the list. Its regular and symmetrical form, dark purple leaves, and pretty yellow flowers, make it very attractive. 25 cts each; strong plants, 50 cents.

Calycanthus (Florida) Sweet Scented Shrub. Flowers purple, very double and deliciously fragrant. Blooms at intervals during the season; old and much esteemed. 25 cents each; strong plants, 50 cents.

Mock Orange, or Syringa. A rapid growing, medium sized shrub, with very fragrant white flowers. 25 cents each; strong plants 50 cents.



DEUTZIA GRACILIS.

Lilac. New purple, immense heads of beautiful purple flowers; very sweet and much esteemed. 25 cents each; strong plants, 50c.

“ **Alba Grandiflora.** Very large, pure white trusses of flowers; the best white. 25 cents each; strong plants, 50 cents.

Spirea Prunifolia. Height 4 feet; very beautiful; flowers perfectly double, like white daisies; blooms in May; hardy. 25 cents; strong plants, 50 cents.

Symnocarpus, Racemosus. (The St. Peter's Wort, or Snowberry.) A very popular plant; bears branches of conspicuous white berries. 25 cents each; strong plants 50c.

Weigelia Rosea. (Rose.) The old, well-known variety; of compact, vigorous growth; has fine foliage, and in June is literally covered with blossoms of clear pink, fading to flesh color. 25 cents each; strong plants, 50 cts.

“ **Variegated Leaved.** Deep green leaves with a broad margin of pure white around each; very striking and pretty. Rose-colored flowers, same as above, but of smaller growth. 25 cents each; strong plants 50c.

White Fringe. A small ornamental tree, bearing pure white flowers resembling elegant fringe. 25 cents each; strong plants, 50c.

Purple Fringe. (Smoke Tree.) A beautiful, hardy shrub, with feathery blossoms of a purplish hue, having the appearance of smoke. It keeps in bloom from June to September; a fine shrub. 25 cents each; large plants, 50 cents.

Viburnum Opulus. (Snow Ball.) A hardy, strong-growing shrub, with large balls of pure white flowers, really resembling balls of snow. 25 cents each; strong plants, 50c.

Above collection of 26 varieties hardy shrubs for \$5.

A selection of 12 shrubs, my choice, that will bloom in succession from June to October, \$2, or 6 for \$1; extra strong plants, \$4 per dozen.

Hardy Climbing Vines.



CLEMATIS JACKMANII.

Hardy Climbing Vines are among the most desirable ornamental plants; no others produce more beautiful effects, whether climbing over the veranda or clinging fast to house walls. They are used profusely in decorating the finest suburban residences, parks, cemeteries and churches. I note the purpose for which each is most suitable. Varieties below will be sent by mail at prices given.

Akebia Quincata—Japan Akebia. A new, twining climber, suitable for pillar or trellis; handsome and distinct foliage, and chocolate-colored, fragrant flowers. 25 cents.

Ampelopsis Quinquifolia, American Ivy, or Virginia Creeper. A strong, rapid grower, clinging firmly to stone, brick or wooden walls; suitable, also, for verandas, porches, trunks of trees, &c. Large, dark green foliage, changing in autumn to bright crimson; much esteemed. 25 cents each; 6 for \$1; 12 for \$2.

Ampelopsis Vetchii. Similar to above, but smaller and a more delicate plant, suitable for trellis and walls; also, unsurpassed for rock-work, baskets and vases; leaves turn brilliant in fall. 25 cents.

Bigonia Grandiflora—Trumpet Creeper. A hardy, fast grower, suitable for covering dead walls, back buildings, fences, &c. Produce in August large, orange-red, trumpet-shaped flowers in clusters. 25 cents.

Climbing Roses. Climbing Roses are much esteemed. For description and prices, see page 39.

Clematis Flamula. An elegant, slender-branched climbing vine, particularly valuable for trellis, veranda and pillar work. Flowers are pure white, star shaped and very fragrant. 25 cts.

Clematis Viticella. Blue bells. A strong, hardy grower, with pretty, green leaves, and a profusion of dark blue and purple flowers. Suitable for trellis. 25 cents.

Clematis, Albert Victor. Lavender. 50c.

“ **Sanguinosa Niver.** Pure white, 50c.

“ **Rubra Viola.** Maroon purple. 50c.

“ **Double White.** 50 cents.

“ **Coccinea.** A new variety, blooming from June till frost; flowers covering the whole plant of a brilliant, scarlet color; perfectly hardy. 50 cents each; 3 for \$1.

Clematis Jackmanii. An English hybrid; flowers large, intense violet purple, and from 4 to 6 inches in diameter. This has proved itself to be the most showy of all the hardy climbers, old plants being literally covered with flowers. 75c.

Honeysuckles. There is nothing more desirable than sweet-scented Honeysuckles; the foliage is pretty, neat and clean; the flowers almost continuous, and their fragrance delicious. The varieties described below are the very best.

Evergreen Sweet-Scented Honeysuckle. A hardy, vigorous grower; blooms nearly all the season; deliciously fragrant. Flowers buff, yellow and white; very desirable for veranda and trellis work. 25 cents.

European Sweet-Scented (Belgian) Honeysuckle. A fine, hardy grower; flowers large and exceedingly sweet. Colors, buff, yellow and red; a constant bloomer. The finest honeysuckle, suitable for trellis or pillar. 25c.

Golden-Leaved Honeysuckle. An elegant and very desirable variety, of moderate growth; leaves beautifully veined and netted with clear yellow, so that the prevailing color of the foliage is bright yellow. Flowers yellow and fragrant. Admirable for pillar and trellis work. Price 25 cents.

Halliana Honeysuckle. A new variety lately introduced from Japan, and considered a great acquisition. It is evergreen, and a constant bloomer. Flowers pure white, changing to yellow; very fragrant. Good for trellis or pillar. 25 cents.

Red Coral Honeysuckle. A hardy, rapid grower, suitable for rock-work, etc.; bright red, trumpet-shaped flowers. 25 cents.

Pipe Vine, (Aristolochia.) Sometimes called Dutchman's Pipe, from the curious form of the flowers, resembling an old-fashioned pipe; a strong, twining vine, with large leaves, suitable for back porches, screens, etc. 50 cents to \$1.

Wisteria, Chinese. A hardy, strong-growing, twining vine of large growth; producing in mid-summer large clusters of beautiful pale blue, fragrant flowers; much used for high verandas, balconies, etc. 25 and 50 cents.

Wisteria, Magnifica. Similar to above, but darker blue flowers; profuse bloomer; splendid. The Wisterias are recommended for high verandas, porches, balconies, second floor fronts, etc., as the very best plants for the purpose. 25 and 50 cents.

Collection of best 12 Hardy Climbers, 12 varieties for \$2.50.

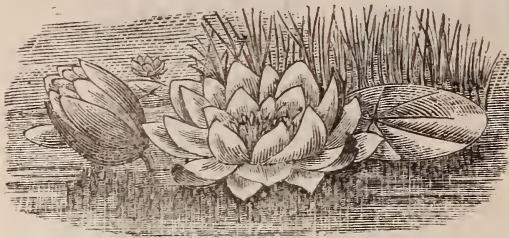
Hardy Roots and Bulbs.

WATER LILIES.

Tie the root to a stone large enough to sink it, and drop in two or three feet of water. If a hard bottom, dig a small hole and cover lightly. For tubs, take any strong barrel, saw in two, put in six or eight inches of fine loam or pond mud, if handy, lay in the roots, and cover two inches deep. Fill the tub with water, and keep full. This is all the care they need. Put in a cellar in the winter to

keep from freezing. Fill with water when put away, and they will come out all right in the spring. On obtaining the roots, if you are not ready to plant them, put them into a dish of water, and they will keep several days. See cut.

Nymphaea Odorata. This is, perhaps, the best of our native Water Lilies. It is usually as white as snow,—but occasionally tinted with pink,—and fragrant. Good roots, 35 cents each; \$3.50 per dozen, prepaid by mail.



WATER LILIES.

HARDY BULBS.

Astilbe Japonica (Spiræa.) The Astilbe or Spiræa is a pretty dwarf plant, with delicate, feathery trusses of very small flowers that are really elegant, and exceedingly useful for all ornamental work. It is an excellent house plant, and one of the best to force for winter flowers. White. Price, 25 cents.

Aquilegia. The Aquilegias grow freely from seed, but many would rather pay a little more and have flowers the first season. Mixed colors, 25c.

Dicentra Spectabilis. (Sometimes called Bleeding Heart) Bears heart-shaped, deep pink flowers, a dozen or more being borne on a graceful, drooping raceme, a foot or more in length. 25 cents.

Daisy. The Daisy blooms as soon as the snow is gone, and plants are usually furnished in flower very early in the spring, and will receive no check in shipping or transplanting. Plant in a cool, shady place if possible. In severe winters they need a slight protection of straw and leaves.

Double Daisy. White, 15 cents each; \$1.50 per dozen. Double Red and Rose at same price.

Day Lily. The Funkia, called the Day Lily, is a very superb autumn flower. Plant has light, broad foliage, prettily veined. Flowers are of the purest white, trumpet-shaped. The blue variety has smaller flowers; stems taller.

White. 35 cents each.

Blue. 25 cents each.

Lilies, Japan. (See page 30.)

Perennial Phlox. The flowers of the Perennial Phlox, when the plants get strong, are immense bunches of bloom, from the purest white to crimson. 12 distinct varieties. 20 cents each; \$2 per dozen. See page 29.

Lily of the Valley. Very sweet and graceful; delicately hung. Pips, per dozen, 50 cents. Pips for winter flowering sent any time after December 15th. Those for out-door planting, at any time after October 1st, and those for spring planting, after April 1st.

Yam. The Chinese Yam is hardy, and makes a very pretty running vine, often called Cinnamon Vine. The tubers may remain in the ground for several years. Tubers, 20 cents each; \$1.50 per dozen.



PÆONY.

Pæonies. The Pæonies are perfectly hardy, and they will succeed in any ground, unless water lies on the surface or near the roots in winter. They may be planted in the autumn or spring. In Southern countries the Pæony grows well, but the buds often blast unless grown in partial shade and liberally supplied with water. Our engraving shows a plant in flower. Plants, 25 cents each; \$2.50 per dozen. They want a dry situation. The colors are pink, white, rose, salmon, red and purple



YUCCA.

Yucca. The Yuccas are a striking class of plants with long, narrow, strong, sharp-pointed leaves, with a peculiar tropical aspect.

Filamentosa. Shown in the engraving, is the hardiest, and we think will endure almost any of our northern winters. It sends up a strong flower stem in the middle of the summer, bearing a large spike of whitish flowers. Price, strong one year old roots, 20 cents; strong two years old roots, 50 cents.

The above collection of Hardy Bulbs and Roots. 12 varieties, by mail, \$2.75; by express, \$2.25.

Dakota Red Potato. \$700 in Cash offered to those who grow the most pounds from one pound of seed. For particulars and colored plate, address C. E. ALLEN. Other Potatoes, see pages 71, 72.



JAMES VICK.

SMALL FRUITS.

STRAWBERRIES.

This most delicious of all small fruits seems to be a coming necessity in thousands of gardens, by many who but a few years since little thought they seemed so necessary. Many who have space to grow nothing else will plant strawberries and flowers, and what enjoyment is there, more real enjoyment, more gratifying, than consuming the strawberries and cultivating the flowers, particularly where there are children, who always add much to the pleasure. The strawberries are not only an inexpensive luxury, but really a benefit to the whole system in preserving health, at a time when there are no other fresh fruits in market. There are different minds in regard to it, but you who can, and do not know what a pleasure, would be surprised to realize the true results. Since 1869 I have cultivated the strawberry for home and distant markets, more or less extensively, usually with excellent success. Of course it has its failures in some years like all crops, and some seasons very severely, requiring an immense amount of labor in large beds to carry them through in a good fruiting condition for the following season. I have personally given the strawberry my attention in cultivating, adding and testing new varieties, and discarding when they do not prove suitable or of more value for some purposes than others already in cultivation. I have at present in strawberries, several acres, planted on soil well adapted to growing strong, healthy plants with plenty of roots. I purchase from the originator all new sorts, planting them on my trial ground, that I may be able to personally judge their merits, almost daily examine them, throwing out all plants which do not look true to character and name. With such care of growing I can give my customers much stronger plants, and better than are offered by some parties who give them no care whatever, but allow them to be smothered with weeds, offering the plants for prices that are a damage to themselves and to the parties who plant them, and would advise all who

wish to plant for profit to use care in buying and planting strawberry Plants, not to purchase because they are offered cheap, as they more times prove expensive than profitable. Sometimes I am compelled to buy plants; in such cases I order from reliable parties only, but generally keep a sufficient stock for the general demand of all varieties offered. In any case where plants purchased of me do not prove to please, notify me at once, and I will endeavor to give the purchaser satisfaction as far as I am able to do so, as I intend to work for the interest of the purchaser, as far as practical, in selling good stock true to name, such as I would like to plant for myself. In our haste in the packing season, when two months work must be done in one, errors and delays will sometimes occur. To those I would say be patient as possible, and forward orders early to avoid delays as much as possible, as the earlier you can get your plants in the ground after the frost is out the better success you will have. We are doing our best to serve you and all. My business has nearly doubled within four years, and the plant trade, which is now quite extensive in all eastern, middle, and many western states, crowds much additional work upon our increased force of packers, who work early and late to serve you.

New Varieties. I would recommend my patrons to try as many of the new varieties as their means will allow, reporting to me the result of their experience after fruiting, as I think the *Manchester*, *James Vick* and some others are likely to rank first among our best standard varieties.

PLANTS GROWN at the North are more hardy, and is the general opinion of most fruit growers that the plants grown north and planted south are usually more vigorous and hardy. Plants grown on the warm, light soils of Delaware and New Jersey and carried north will not, as a general rule, thrive as well as northern grown plants carried south, when both are grown with health and vigor.

CULTURE OF THE STRAWBERRY.

Soil. They are successfully cultivated upon a great variety of soils, one kind not being adapted to all varieties, although some kinds succeed in almost any land; however, should never be planted in a very dry or very wet situation. A good sandy loam with a clay sub-soil seems best suited to most varieties. Many of the latest and best flavored sorts thrive best on heavy clay soil, while those grown upon sandy soil ripen their fruit early, extending the fruiting season from one to two weeks, by planting both early and late varieties upon early and late land. Soil, locality and climate make more difference with the strawberry than most other kinds of small fruits. The only certain method of success is for each one to try several varieties of early, medium and late sorts, and cultivate those that give best results.

Manure. Well rotted stable manure applied broadcast, two or three inches thick on the surface, thoroughly mixing with the soil with harrow, rake or digging fork, is the most beneficial. When these cannot be had, guano, bone, phosphate and ashes can be used with the best results, applying broadcast, mixing well with the soil with rake or harrow.

Cultivation. Spring and fall are the time for planting. For field culture, land that has been cultivated one year with corn, is best. Sod ground freshly turned is not as good, but if turned early in the fall and well manured will answer for spring planting. As soon as the plants are received, unpack and plant out at once. If the ground is not ready, loosen the bundles and heel in in some shaded place. For garden culture, make the rows 18 inches apart, and set the plants 12 inches apart in the rows, leaving two feet every fourth row. For field culture, make the rows three feet apart, and set the plants 12 inches apart in the rows, so they can be cultivated with a horse. In planting, mark out into rows, get a small boy to drop the plants, then, with your trowel in your right hand, make a hole large enough to admit all the roots of the plant without crowding or bending them, covering the roots carefully, and pressing the earth *very firmly* around the roots, which, if set in dry weather, is the most important part in planting, being careful not to plant them so deeply as to cover the crown. To secure a good yield, and have large, healthy plants the year after planting, they should not be allowed to bear the first season, cutting off all runners before the tips take root, and the ground kept loose and free from weeds. As soon as the ground commences to freeze in the fall, they should be covered with straw or coarse litter. Only a very light covering is necessary, to shade the plants from the sun, as continual thawing and freezing is very injurious to the fruit bud. In the spring remove the straw from the vines into the rows, leaving it for mulch, and it is also beneficial in keeping down the weeds. After the last picking, remove the straw altogether, and fork or cultivate the beds. Strawberries managed in the above manner will last from three to four years. In order to secure a full crop every year, a new bed should be set out every second year.

The Hill and Matted Row System. If you wish to grow the largest and finest fruit, keep all runners cut off and let them form large stools. If choice fruit is of no object, the runners may be allowed to grow at will. The hill system is considered best by nearly all growers, as they can be easily cultivated and kept in bearing a year longer. It is best to renew beds every two or three years.

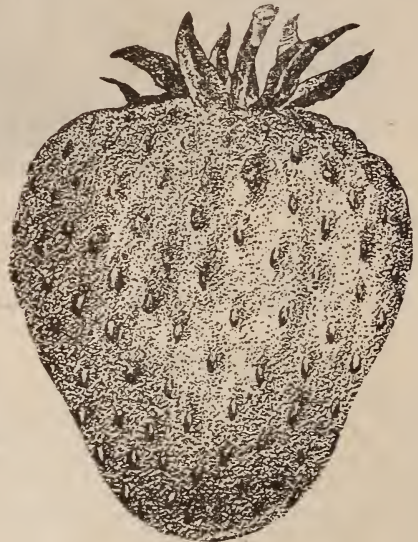
Pure Varieties. I exercise special care in keeping my stock pure, renewing each year all the beds which I send my stock from, keeping each variety by itself, so there is no possible way for them to become mixed. I send out nothing but strong, stocky plants, well rooted, and are sure to live when transplanted under favorable circumstances. The

plants are taken up with great care, so as not to injure fibers, are tied in bundles, and packed specially to endure long transportation. The plants are one year old and warranted pure and true to name.

Potted Plants. For July, August and September planting are the safest and the only sure method in dry, hot weather, while the purchaser is sure to realize nearly a full crop within ten months from time of planting. Those who are obliged to delay spring planting, remember and send for strawberry circular of potted plants in July. All who purchase goods of any kind this spring will receive it as soon as ready for mailing, and need not write for it.

NEW VARIETIES.

Atlantic. It originated in a sea sand, like the Manchester, and is said to be of more value, being of perfect flower. It is believed to be a good berry for home garden, and of special value for market, owing to its superior firmness, beauty and productiveness, good quality and lateness. \$2 per dozen; \$10 per 100.



ATLANTIC.

Mrs. Garfield. A new seedling of the Crescent, which is perfect in bloom. Growth of plant vigorous. As prolific as its parent, averaging much larger for the season; resembling the Crescent in form and color. Flavor rich and delicious, and is said to be one of the most productive early berries of high quality. \$2 per dozen; \$10 per 100.



DANIEL BOONE.

Daniel Boone. Is of a very large size, and is said will yield as many quarts as the Manchester, while flavor is fully equal. 30 berries heaped a quart basket. I consider this a promising variety

for any use, and shall plant freely. \$1 per dozen; \$5 per 100.

6 plants each above 3 varieties, \$2.00
3 " " " 3 " \$1.15

James Vick. Truly a promising variety, with strong, vigorous growth, bright, shining, dark green foliage, throwing runners very freely and is likely to rapidly gain public favor. It is claimed by leading fruit growers who are good judges, to be enormously productive, very firm, uniform in size and shape, with color unusually bright and handsome. On my own grounds it appears to be one of the most promising new varieties. The fruit is borne in long, stout stems of fine quality, remaining on the plants several days in good condition after ripe, which is not always the case with most varieties. As a market berry or for home use, it is worthy of extensive trial. 50c. per doz.; \$2 per 100.

Manchester. This is one of the most remarkable new varieties, yet well tested, and will surely become a standard in all home gardens. For market it will prove of much profit if it succeeds as well hereafter as the present season. Berries run very large through the season; good color; not quite as firm as Wilson, but more prolific and larger. For a late variety to follow Longfellow, it is one of the most desirable varieties for the private family; not quite as rich in flavor as Sharpless, Miner's, or Chas. Downing, but better than most prolific varieties are. Its vigorous growth and strong, luxuriant foliage are all that could be wished for. 25 cts. per dozen; \$1 per 100; \$6.50 per 1000. See cut.

Longfellow. This is one of the most promising new varieties now in cultivation. One of the earliest to ripen, if not the most early of all. Of rich, bright, shining red; good size; perfect in form, and very firm, while its flavor is equal to the Sharpless, and more prolific; being an early berry, it is sure to gain public favor. All in want of a good, early, fine flavored, firm berry, should not fail to give this a trial; its flowers are perfect, and is certain to yield good crops, as I have given it a trial on my own grounds for three years. 25 cents per dozen; \$1 per 100; \$6.50 per 1000.



MANCHESTER.

Jersey Queen. A very large, late variety. Good grower; moderately productive. For the amateur, as a late variety, is worthy of trial; with me, not profitable for market purposes. 25 cents per dozen; \$1.50 per 100.

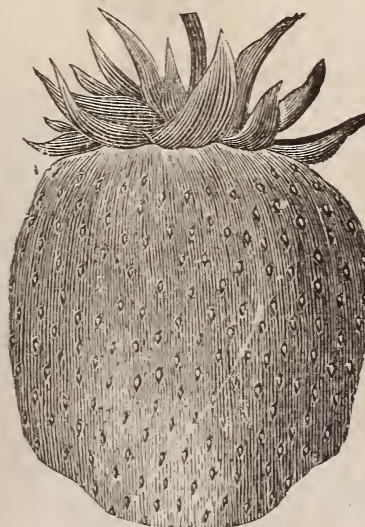
12 plants of each of the above 4 varieties for \$1.

Jumbo. A new strawberry said to be very late. \$2 per dozen; \$10 per 100.

STANDARD VARIETIES.



LONGFELLOW.



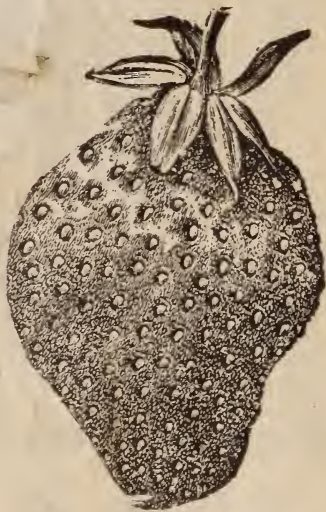
OLD IRON CLAD.

Old Iron Clad. A distinct and promising variety, with strong growth, and appears to be of much value; very hardy, and stands drouth unusually well. Fruit, bright scarlet, firm and large, of excellent quality and very prolific. 25 cents per dozen; \$1.50 per 100.

***Sharpless.** Plant of good growth, healthy and quite prolific; requires high culture to give the best results, with such it succeeds on all soils; ripens medium. It still leads in producing the largest berries, measuring 5 to 11 inches in circumference, while the flavor is among the finest of the whole class. 25 cents per dozen; \$1.00 per 100; \$5 per 1000.

***Chas. Downing.** This variety is a general favorite, well known, and a fine variety for all purposes. Its size, flavor and productiveness are among the best; succeeds well on all soils, and ripens medium to very late; when fully ripe, is of a dark crimson; sweet and delicious; very valuable for home use and near market. 25 cents per dozen; \$1 per 100; \$4 per 1000.

***Cumberland Triumph.** Thrives on all soils; equal to Sharpless in flavor and productiveness, averaging very large; good, bright color and perfect form. It cannot be too highly praised for home use or near market. It is a remarkably strong grower, and stands extremes of heat, cold and drouth. It is one of the few berries that do well on both light and heavy soils. 25 cents per dozen; \$1 per 100; \$5 per 1000.



BIDWELL.

***Bidwell.** This berry did much better than last season; setting and ripening immense crops of fruit, and did not blast as last year. A splendid berry for home use and near market, producing strong growth and quantities of runners; berries nearly as large as the Sharpless and more prolific; fine flavor; ripens about with the Sharpless; succeeds on all soils. 25c per dozen; \$1 per 100; \$5 per 1000.

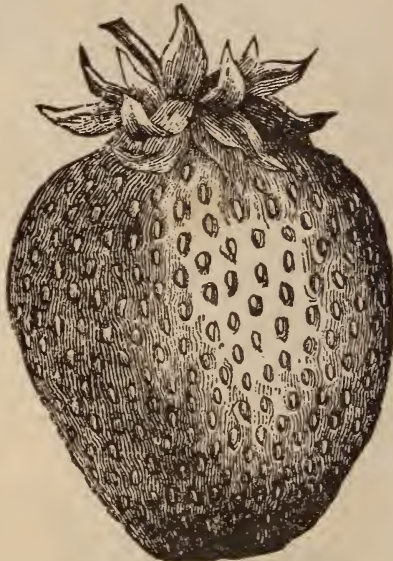
Crescent. One of the most hardy and productive varieties grown. Among the first to ripen, and continues quite late; a strong grower, taking possession of the ground to the exclusion of weeds. The most profitable for home market, and very valuable for private use, as it never winter-kills, and the late frosts seldom injure the flowers. 25 cents per dozen; \$1 per 100; \$3 per 1000.

***Miner's Great Prolific.** One of the most profitable varieties for fruit. It resembles the Chas. Downing in shape and color, but averages larger in fruit and yield. Is attractive in market, always bringing good prices. Succeeds on all soils, and profitable for home use or near market. 25 cents per dozen; \$1 per 100; \$4 per 1000.

Windsor Chief. Similar in every respect to the Champion, but more prolific. Plant is a strong, vigorous grower, throwing out runners freely. Fruit is above medium size, perfect in form; color bright, deep scarlet. Not as firm as the Wilson, but brighter color. Nearly as productive as the Crescent. Ripens about medium, holding out very late; is a little tart, but when fully ripe it has a sweet and rich flavor. Among our late varieties, it will be found a profitable variety. 25c per dozen; \$1 per 100; \$4 per 1000.

Duchesse. A standard early variety and one of the most productive and handsome berries grown. Hills in my specimen bed were the most beautiful of all the strawberry kind. It seems adapted to hill culture, making enormous stools and throwing out few runners, consequently plants are not abundant. It thrives on light sandy loam and heavy clay soil. 25 cents per dozen; \$1 per 100.

Wilson's Albany. For productiveness and shipping qualities, it far excels all the older varieties; is among the earliest, and the cultivator is richly rewarded for giving it high culture. It still takes the lead among the older sorts as the main market variety. When fully ripe it is of fine flavor, and sure to give a good crop. 25 cents per dozen; \$1 per 100; \$4 per 1000.



CRESCENT.

Big Rob. A moderate grower; not very productive. 35 cents per dozen; \$1.50 per 100.

***Kentucky.** One of the old standard late varieties and a general favorite with all who have tried it. 25 cents per dozen; \$1 per 100; \$5 per 1000.

***Seth Boyden.** A large and popular variety, succeeding best on heavy soils, with runners cut. One of the sweetest and best flavored berries in the whole class. Is a great favorite in market and is very prolific. 25 cents per dozen; \$1 per 100; \$5 per 1000.

Capt. Jack. Hardy and very prolific. Quite popular in some localities. 25 cents per dozen; \$1 per 100; \$5 per 1000.

The above varieties marked (*) are standard sorts which I have selected as the best in productiveness, size, flavor and time of ripening, for home garden and will send

6 plants each of 7 sorts, by mail or express,	75
12 " " " " " " " " " "	\$1.35
6 of the 7 not marked with (*)	75
12 " " " " " " " " " "	\$1.35

For \$1.25 I will send 1 Moore's Early, 1 Prentiss and 1 Vergennes, by mail or express.

For \$1.40 I will send 1 Moore's Early, 1 Prentiss and 1 Early Victor.

For \$1.60 I will send 12 James Vick strawberry, 1 Fay's Prolific currant, 1 Prentiss grape and 1 Moore's Early. Retail price, \$1.85.

As an inducement to try these new and very choice fruits, I will send for \$3.75, 1 Early Victor, 1 Moore's Early and 1 Prentiss grape, 1 Fay's Prolific currant, 6 Mrs. Garfield and 12 James Vick strawberry, 12 Souhegan and 6 Hansel raspberry. Retail price, \$5.25. For \$5, purchaser may select \$6 worth of any small fruit plants at single rates only, except strawberry plants, which will be included at dozen and hundred rates. No other discount will be allowed in these collections.

tiss grape, 1 Fay's Prolific currant, 6 Mrs. Garfield and 12 James Vick strawberry, 12 Souhegan and 6 Hansel raspberry. Retail price, \$5.25. For \$5, purchaser may select \$6 worth of any small fruit plants at single rates only, except strawberry plants, which will be included at dozen and hundred rates. No other discount will be allowed in these collections.

HARDY GRAPES.

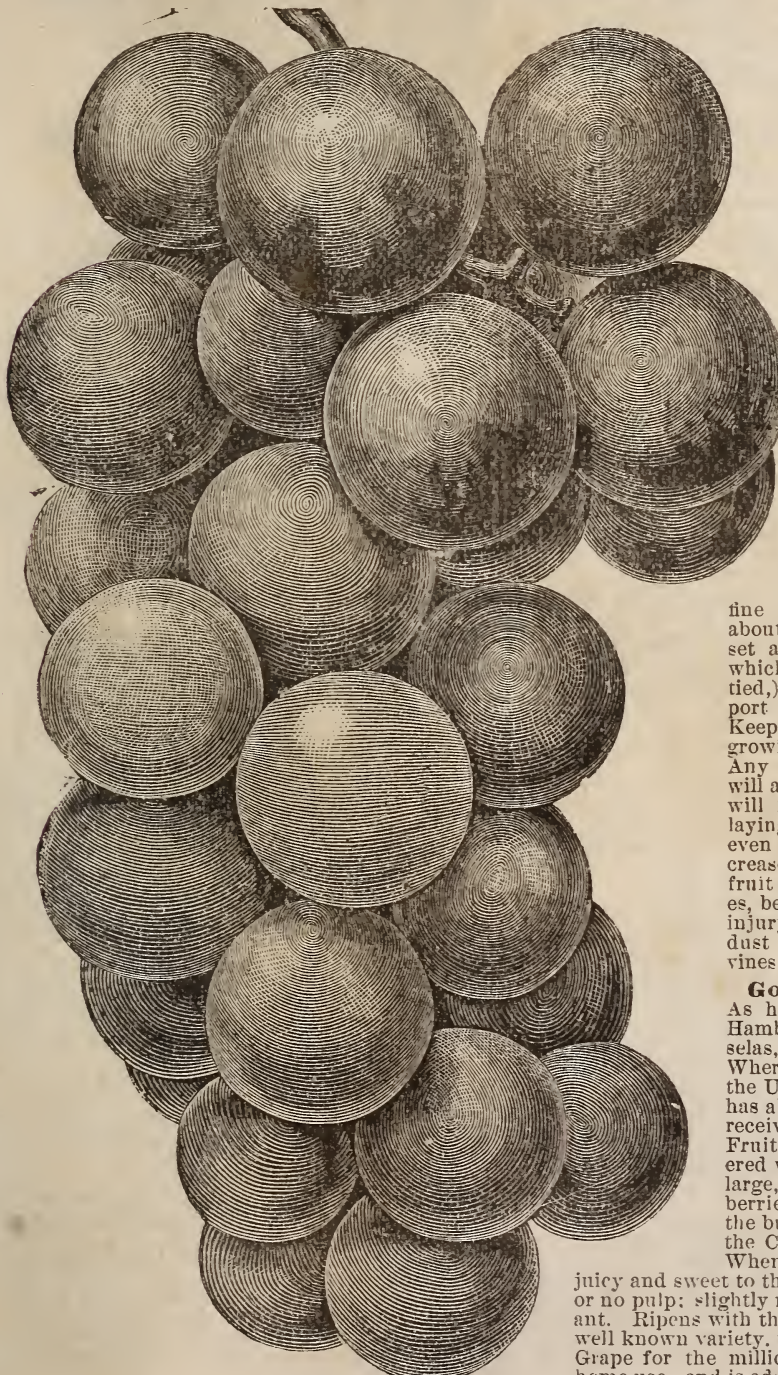
Culture. Select a location with good drainage. Plant in rows six feet apart and the vines eight feet apart in the rows. Dig holes fifteen inches deep, and long enough to accommodate the vines. They should then be filled to within six or eight inches of the top, with fine, rich soil, throwing in a few bones or wood ashes. Cut back one year vines to two eyes, placing the lower one below the surface; two year vines to three or four eyes, planting two or three eyes below the surface. Spread out the roots, with one-third their length cut off; place the stock of the vine at one side of the hole, and fill with

fine soil, pressing it firmly about them. When planted, set a stake at the stock, (to which the vine should be kept tied,) which will be all the support required for two years. Keep old wood trimmed off, growing fruit on new canes. Any manner of pruning that will admit the sun to the fruit, will insure a good crop; and laying the vines on the ground, even without covering, will increase both the quality of the fruit and the size of the bunches, besides insuring safety from injury by frost. For mildew, dust with sulphur while the vines are wet.

Golden Pocklington.

As handsome as the Golden Hamburg, as rich as the Chaselas, and fully as sweet. Wherever exhibited throughout the United States and Canada, has always been successful in receiving the highest premiums. Fruit large, golden yellow, covered with bloom; bunches very large, sometimes shouldered; berries large and thickly set on the bunch; quality better than the Concord in its best state. When fully ripe, it is clear,

juicy and sweet to the center, with very little or no pulp; slightly musky, but not unpleasant. Ripens with the Concord, and like that well known variety, will prove to be the White Grape for the million—both for market and home use—and is adapted to all sections of the country. 1 yr 50c; doz. \$5; 2 yrs. 65c; doz. \$6.



MOORE'S EARLY.

Prentiss. This grape has now been on trial four years in every State, Territory and Canada, in all kinds of soil, and has proved one of the most valuable white grapes yet introduced. Testimonials from the leading grape growers show that it is a fine variety; growing from ten to twenty feet in one season; healthy foliage; no signs of mildew; perfectly hardy; bunch large; berry medium to large; yellowish green; skin thin but very firm; flesh tender, sweet, and very pleasant to the taste; productive and hardy. 1 yr. 50c. each; 3 for \$1.25; 12 for \$5.50. 2 yrs. 65c. each; \$6 per dozen.

Duchess. Handsomely formed, of a greenish white color, skin thin, flesh tender, without pulp and of the finest quality; productive and hardy; ripens between Delaware and Concord. 40c. each; 2 yrs. 60c. each.

Jefferson. Bunch very large, often double shouldered, very compact; berries large, light red, with a thin whitish bloom, very solid and sweet; vigorous, hardy, and very productive. 50c. each.

Vergennes. Clusters and berries large; color light amber, rich and delicious, ripening as early as the Hartford, its keeping qualities superior, fruit keeping till the middle of March as fresh as when packed, and can be dried to a perfect raisin; hardy, growing from ten to sixteen feet in one season; free from mildew. 60c. each; 2 yrs. 90c. each.

Moore's Early. One of the best early grapes. Quality better than Concord, of which it is a seedling; proved entirely hardy in all sections where fully exposed to 20 degrees below zero, and entirely free from any disease; bunch and berry large; color black, with a heavy bloom, ripening from ten to fourteen days earlier. 1 yr. 35c. each; 2 yrs. 50c.

Early Victor. This is claimed to be earlier than Moore's Early; smaller berry with larger cluster, well shouldered; a strong, healthy grower and very prolific; of sweet and delicious flavor. 75c.

Brighton. Cluster long and well shouldered; amber colored; ripens earlier than Concord; as for quality, there are none better; requires a little more protection than some varieties. 1 yr. 25c; 2 yrs. 40c.

Standard Varieties.—Hardy.

Concord. The old standard BLACK grape for general cultivation. 20c. each; \$1.50 per dozen.

Hartford Prolific. BLACK. Very early and sweet. 20c. each; \$2 per dozen.

Delaware. RED. Sweet and delicious. 25c. each; \$2 per dozen.

Salem. (Rogers No. 53) 25c. each

Eumelan. BLACK. Rich and excellent flavor. 35c. each.

Isabella. BLACK. Well known standard variety. 25c. each.

Lady. Best WHITE grape. 25c. each.

Rogers. Nos. 1, 3, 4, 15, 19; two years. 25c. each.

RASPBERRIES.

Cultivation. Soil that will grow Strawberries will grow Raspberries, but are more benefitted by shade than the former, if not too dense. For garden culture, plant the red varieties four feet by three; for field culture, to admit the cultivator, set in rows five feet apart and three feet in the row. Set plants about three inches deep; avoid a dry, windy day if possible, setting when the soil is moist, and press firmly about the roots. Hoe often, keeping the ground free from weeds, hoeing off all suckers except four to six in a hill. The black varieties when three to four feet high, nip the ends, which will cause them to form rows similar to a hedge and produce more fruit.

Add 15 cents per dozen if sent by mail.

Red Varieties.

Outhbert. This is a very hardy, strong grower. From reports it seems to adapt itself to a large extent of country. The fruit is very large, bright red; one of the best in quality; productive, continuing a long time in bearing. Should be planted largely. 50c per dozen; \$2.50 per 100.



RED RASPBERRY.

Hudson River Antwerp. Very productive and excellent. 50 cents per dozen.

Hansel. A new variety, said to be of much promise, early, productive, firm, perfectly hardy, good size and prolific. 25c. each; \$2 per doz.

Pride of the Hudson. For flavor, size and productiveness, unequalled. 50c per dozen.

Turner. The best early Red Raspberry. It is of strong, vigorous growth, hardy, prolific. Of honey-eyed sweetness and very rich. Among the first to ripen, and is invaluable for home use or near by market. 50c per dozen; \$2 per 100.

Black Varieties.

Doolittle's Black Cap. Large, sweet and juicy. 50c per dozen.

Mammoth Cluster. One of the largest and best Black Raspberries. 50c per dozen; \$2 per 100.

Souhegan. A new, superb, extra early variety, and cannot be recommended too highly; hardy, and enormously productive; ten days earlier than any other Black Cap; a strong and vigorous grower. 50c per dozen; \$3 per 100.

The Gregg. Is larger than the Mammoth Cluster, of excellent quality, and a good Black Cap Raspberry on account of its shipping qualities. 50c per dozen; \$2 per 100.

Brinckle's Orange. (Yellow.) Large, sweet and delicious. 75c per dozen.

BLACKBERRIES.

Kittatiny. The best for general cultivation. 50c per dozen.

Snyder. Excellent quality, rich and sweet; ripens early. 50c per dozen; \$2 per 100.

Taylor's Prolific. Hardy, prolific, and one of the best. 60c per dozen.

Wilson's Early. The earliest. 50c per doz.

GOOSEBERRIES.

Downing. Larger fruit than Houghton's \$1.25 per dozen.

Houghton Seedling. Very prolific; free from mildew. 15c each; \$1 per dozen.

CURRANTS.

Culture. The same as Raspberries, do best in a cool situation; plant in rows in open ground, four feet by three; give good culture and rich soil if you wish good crops, keeping clear from grass and weeds; mulching during June and July will be beneficial; as soon as the fruit is gathered, cut out the old wood. If currant worms attack them sprinkle with white hellebore (obtained at druggists) in the morning, or dissolve half an ounce in one gallon of water and apply with a syringe.

Fay's New Prolific. (See colored plate.) It originated from a seedling of the Cherry and Victoria Currants. During the past 30 years the originator endeavored to produce a Red Currant which would combine the size of the Cherry Currant with the prolific bearing quality of the Red Dutch: it being a fact that the Cherry Currant heretofore has grown the largest, and though bringing more money per quart, its bearing qualities have not made it profitable for the fruit grower. In obtaining size and prolificity in Fay's Prolific, he obtained a *spicy flavor* with *much less acid* than the Cherry Currant. A space of *naked stem* between the upper berry and the attachment to the bush, which largely reduces the cost of picking and prevents the crushing of the upper berries in the work. During the past few years, numerous cultivators of small fruits have viewed the ripening of crops, and the just, simple verdict of all is "*Wonderful!*" I have grown and fruited this variety on my grounds for two years and find it to be a strong, thrifty grower, producing more than double the amount of fruit of the Cherry or Versailles; flavor much better, and superior in every respect, being one week earlier than any other variety, and should by all means plant it in preference to Cherry Currant. *Price, One Year, 45c; \$4.50 per dozen; \$30 per 100. Two Years, 70c each; \$7 per dozen; \$45 per 100.*

Black Naples. Valuable for jams and jellies. 10c each; \$1 per dozen.

Cherry. Large; best for market. 10c each; \$1 per dozen; \$6 per 100.

Red Dutch. Strong grower and abundant bearer; fruit of medium size, yielding more than the large varieties. \$1 per dozen; \$6 per 100.

Versailles. Very large; best for table. 10c each; \$1 per dozen; \$6 per 100.

White Grape. Very large; the best *white*. 10c each; \$1 per dozen.

APPLES.

Price: 6 to 8 feet, 25 cents each; \$2.50 per dozen; many other varieties at same price. Extra size, 35 cents each.

Red Astrachan. Ripens in August.

Early Harvest. Ripens in August.

Roxbury Russet. Keeps till June.

King of Tompkins Co. A fine winter apple.

Famuse or Snow Apples. Ripens in September.

Gravenstein. Ripens in September.

Northern Spy. January to June.

Porter. September and October.

Spitzenburg. November to April.

Hubbardston. November to May.

Tallman Sweet. November to April.

Baldwin. Standard winter apple.

Bottle Greening. Standard winter.

Transcendant, (Crab); 50 to 75 cents. Sept. to Oct.

Tetofsky, (Russian). July to Aug. 50 cents.

Haas, (Russian). Sept. to Nov. 50 cents.

Pewankee, (Russian). Jan. to June. 50 cents.

Duchesse of Oldenburg, (Russian). Sept. 50 cents.

PEARS, (Standard.)

Price, 7 to 8 feet, fine trees, 75 cents and \$1 each; six for \$4.50; twelve for \$8.

Bartlett. Large, hardy, productive. Sept.

Clapp's Favorite. Earlier than Bartlett; fine and large. Aug.

Beure Gifford. Medium size. Last of Aug.

Beure de Aujou. Large and excellent; good keeper. Nov.

Belle Lucrative. Medium size; delicious. September.

Flemish Beauty. Large, handsome, excellent. Sept.

Sickle. Small; one of the finest. Oct.

Sheldon. Russet; high flavor; excellent. Oct.

Lawrence. Medium. Best winter pear.

Kieffer. A new variety, strongly recommended. 2 years old, 4 to 6 feet, \$1.25 each.

PLUMS.

Price, 6 to 7 feet, fine, \$1 each; \$8.50 per dozen.

Lombard. Violet red; medium sized; vigorous and productive. Last of Aug.

Imperial Gage. Large, oval green; sweet; vigorous and productive.

Damson. Small; oval; purple. August with bloom.

Bradshaw. Dark violet red; large; vigorous. Middle of August.

Quackenboss. Deep purple; large; juicy; sweet; productive; vigorous.

CHERRY.

Price, 5 to 7 feet, 75 cents each.

Dark Red Tartarian. Very large, vigorous and productive. July.

Gov. Wood. Large; light yellow; red cheek. June.

Early Richmond. Medium size, dark red, hardy and productive. June.

May Duke. A standard red variety.

Six other varieties can furnish.

PEACH.

I offer peach trees grown exclusively from Tennessee pits, where yellows have never been known. Peach trees thrive better when the soil is well supplied with ashes or potash in other forms. Price, 25 cents each; 6 for \$1.25; 12 for \$2; 25 for \$3.75; 50 for \$7; 100 or \$13. Second class trees for less. Larger quantities on application. Our Northern grown are far superior to Southern grown trees.

Amsden. Ripens 3 weeks before Hale's Early. Hardy, vigorous, productive; white flesh; red cheek. Ripens in July.

Alexandra. Similar to Amsden. A fine, reliable variety, ripening fully as early.

Hale's Early. Good size; nearly white; red cheek; first quality; hardy, vigorous, productive; the earliest very productive variety. Aug.

E. Beatrice. Ripens two weeks in advance of Hale's Early; very popular.

Crawford's Early. No doubt the best early yellow peach, but not as productive as the preceding. First of Sept.

Foster. Orange-red flesh; yellow; two weeks in advance of E. Crawford.

Crawford Late. Of largest size; yellow flesh; red cheek; vigorous; moderately productive. First of Oct.

Rare-Ripe. Last of Aug.

Old Mixon. Oct.

Waterloo. July.

QUINCE.

Price, 25 to 50 cents; \$2.50 to \$4 per dozen.

Orange. 65 cents.

Champion. 65 cents.

DECIDUOUS TREES.

Norway, Silver and Red Maple, American Linden, American Elm, White Birch, Horse Chestnut, English Larch, Magnolia Accuminata and Tripetela. \$1 each; extra sized specimens, from \$1.50 to \$2 each.

MULBERRIES.

Russian. 2 to 3 feet. 60 cents each.

Downing Everbearing. 5 to 6 feet. 60c.

WEEPING DECIDUOUS TREES.

Poplar, Linden, Cut leaved Birch and Kilmarnock Willow, \$1 to \$1.50 each.

EVERGREEN TREES.

American and Siberian Arbor Vitæ, Balsam Fir, Irish Juniper, Austrian, White and Scotch Pine, and Norway Spruce, 4 to 5 feet, 75 cents each.

American Arbor Vitæ, 3 to 4 feet, for hedging, \$20 per 100.

Norway Spruce, 12 to 18 inches, for hedging, 25c each; \$15 per 100.

Norway Spruce, 18 to 24 inches, 30 cents each; \$30 per 100.

Norway Spruce, 3 to 4 feet, 50 cents each; \$5 per dozen.

Norway Spruce, 4 to 5 feet, 75 cents each; \$7.50 per dozen.

VEGETABLE PLANTS.

CABBAGE PLANTS, early, from cold frame. Early Wakefield, Henderson's Summer, Early Winningstadt, Fottler's Early Drumhead, 65 cents per 100; 12 cents per dozen; \$5 per 1000.

CABBAGE PLANTS, late. Excelsior Large Flat Dutch, Stone Mason Drumhead Savoy, Marblehead, Mammoth, Flat Dutch, Red Drumhead, Winningstadt, Fottler's Drumhead, and other leading sorts. 35 cents per 100; \$2.50 per 1000; \$10 per 5000.

CAULIFLOWER PLANTS. Early Erfurt, Early Paris, Early Snowball. In hot-bed. 20 cents per dozen; \$1 per 100. Late, ready in July, 10 cents per dozen; 60 cents per 100.

CELERY. Boston Market, Sandringham, Golden Dwarf, Dwarf white; ready in July, transplanted; \$1 per 100; \$7 per 1000.

EGG PLANT. New York Improved Purple. 5 cents each; 50 cents per dozen.

TOMATO PLANTS. Trophy, Acme, Perfection, Paragon, Mayflower, Essex Hybrid, Favorite, Yellow Plum; 40 cents per dozen; \$3 per 100. To dealers, put in boxes, 6 or 12 in each, for retailing. \$2.25 per 100.

PEPPER PLANTS. Large Sweet Mountain Bell and Cayenne; 25c per doz; \$1.50 per 100.

SWEET POTATO PLANTS. 75 cents per 100; \$5 per 1000

ASPARAGUS ROOTS. Conover's Colossal; 1 year old, 75c per 100; by mail, \$1; 2 years old, \$1 per 100; by mail, \$1.50.

RHUBARB. Victoria and Linnæus; 15 cts each; \$1.50 per dozen; 20 cents each strong root.

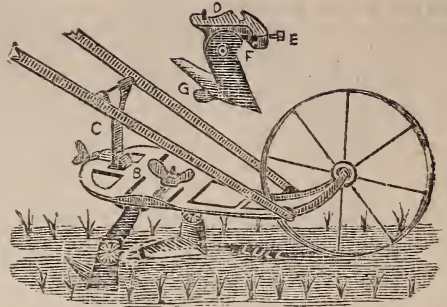
LETTUCE PLANTS. 75 cents per 100; 12 cents per dozen.

VEGETABLE PLANTS BY MAIL.

Tomato, Cabbage, Pepper, Cauliflower, and Sweet Potato plants, can safely be sent by mail at dozen rates. If ordered by the hundred, add 25 cents per hundred to pay postage, unless otherwise noted.



One of the richest fertilizers for House Plants, Gardens or Lawns. It is chemically prepared, being odorless may be used freely in parlor or conservatory. It truly is one of the most valuable fertilizers for house plants, increasing wonderfully the growth and bloom. It has been used by hundreds of my customers for several years with the very best results. Price, one package, 10 cents; 3 for 25 cents. If sent by mail, add 5 cents each for postage. One pound package, 20 cents, or 3 for 50 cents; 6 for \$1. If sent by mail add 15 cents per lb. for postage.



RUHLMAN'S IMPROVED WHEEL HOE.

It is especially adapted to the culture of all garden crops and nursery stock, that require careful hand cultivation in the early stages of their growth. I gave it a thorough trial, and am well satisfied that it is the best wheel hoe I have ever seen, doing the work of six men with hand hoes. The frame and wheel are made of the best cast steel. They cut the weeds only on the inside of the knife, so any person can run it within half an inch of the rows without injuring even the smallest or tenderest plant. Boxed and sent to any address for \$5.50. The latest improved style.

RANDOLPH'S HAND SEED SOWER.

A hand seed sower wanted by every one who plants a garden. It has holes adjusted to seeds of various sizes, and has an agitator to prevent clogging. Being made of metal it cannot be easily broken, and its construction is so simple that it cannot readily get out of order. Price, per express, at purchaser's expense, \$1.25; per mail, postpaid, \$1.50.

EXCELSIOR WEEDER.

A handy and efficient tool in the flower and vegetable garden, to be used when weeds are small. By express, 30 cents; by mail prepaid 40 cents.

NOYES' HAND WEEDER.

This is an excellent little instrument for hand weeding onions, carrots, etc., especially valuable when the ground is hard and baked. I have used them for several years, to my great satisfaction. By express, 25 cents each; by mail, postpaid 35 cents.

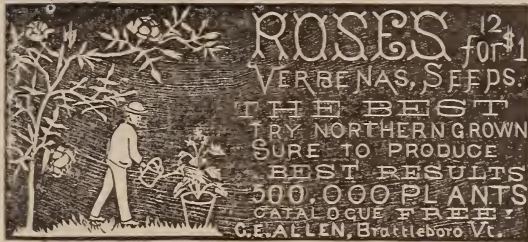
HAZELTINE'S HAND WEEDER.



A good weeder and scraper, or a good implement for thinning out where plants are too thick, and for lightening the soil. The blade is solid steel, oil tempered, 7-8 inch wide 1-8 inch thick, and is sharp on all its edges. Capital for weeding, thinning and stirring the soil among Onions, Carrots, Strawberries, Flowers, &c. From my own experience one of the most handy, easy worked hand weeders made. Price, 45c; by mail postpaid, 50c.

"PLANET JR." COMBINED DRILL WHEEL HOE, WHEEL CULTIVATOR AND WHEEL PLOW

The most widely known and more used than any in the market. Unrivalled in design, finish, convenience, and capacity of work, suitable for Farm or Garden. It sows all seed accurately at any thickness or depth, marking the next row. The four combined for use, \$15.



\$1.00 COLLECTIONS.

Those unacquainted with varieties, these collections enable the purchaser to select **12 Plants** at very low rates. They are not culled plants, but good, healthy and well rooted, many of them of the best new varieties. The plants are labeled, printed directions sent with each package for their treatment, and guaranteed to reach the purchaser in good order. My aim is to satisfy all who favor me with their orders, but can forward no orders at these low rates for less than \$1, the choice of varieties always left with me. Those who prefer less than \$1, and wish to make their own selection, should send for Catalogue, where price and de-

scription of single plants are given. I forward free of postage to every State and Canada, and offer liberal inducements to clubs of \$5 or \$10.

20 VERBENAS, 20 VARIETIES, \$1; 100, \$3.

Varieties		Varieties		Varieties	
12 Ageratum,	1 \$1	12 Pelargoniums,	12 \$1	12 Petunia, double,	4 \$1
12 Alternantheras,	4 1	12 Geraniums, single,	12 1	20 Petunia, single,	mixed 1
12 Basket Plants,	12 1	12 Geraniums, double,	12 1	12 Roses,	
12 Begonias,	12 1	8 Geraniums, gol'n bronze	8 1	Everblooming, 12 1	
12 Bouvardia,	3 1	12 Geraniums, sweet scen'd	12 1	10 Roses, Hardy Perpetual,	10 1
12 Carnations,	12 1	12 Geraniums, ivy leaf,	6 1	12 Roses, Climbing,	8 1
12 Centaurea,	4 1	20 Gladiolas,	mixed 1	5 Roses, Moss,	3 1
15 Colens,	12 1	12 Heliotrope,	6 1	12 Salvias,	4 1
12 Chrysanthemum,	12 1	12 Ivies, English,	1 1	15 Tuberoses, double, common,	1 1
12 Cigar Plant,	1 1	12 Lantanas,	12 1	15 Tuberoses, double, pearl,	1 1
8 Cyclamen,	1 1	12 Smilax,	1 1	12 Verbenas, Lemon,	1 1
12 Daisy, double,	1 1	12 Oxalis,	3 1		
12 Feverfew,	3 1	15 Pansy, choice strain, mixed	mixed 1		
12 Fuchsias,	12 1	8 Primrose, single,	mixed 1		

Purchasers can select 12 plants, 1 of a kind from above list, for \$1, except Moss Rose, Primrose, Bronze Geranium and Cyclamen; of those 8 plants may be selected for \$1, not including Moss Rose. Six \$1 packages for \$5; thirteen \$1 packages for \$10. 15 plants (15 varieties) my choice, from above list for \$1. 8 Golden Bronze Geraniums, including the new Happy Thought, J. O'fin, Distinction, Crystal Gem, Exquisite, Goldfinch, Richard Thornton and Model, for \$1.

For \$1 will send 1 each, Primrose, Tuberoses, Moss, Tea, Bourbon, Hardy, Climbing and China Roses, fine, strong plants. (8 in all.)

For \$1 will send 1 each, Camellia, Azalia, Wax Plant, Bouvardia and Calla.
 For \$1 will send 1 each, Stevia, Eupatorium, Calla, Bouvardia, Canna and Caladium.
 For \$1 will send 2 Dahlias, 2 Cannas, 1 Caladium, 1 Hardy Phlox and 1 Monthly Rose.
 For \$1 will send 3 varieties Japan Lilies, 1 Paleonia, 1 Hardy Phlox and 1 Hardy Rose.
 For \$1 will send 3 varieties Climbing Honeysuckle and 3 varieties Hardy Flowering Shrubs.
 For \$1 will send 1 each, Century Plant, Echeveria, Cactus, Artillery Plant, Abutilon and Hardy Rose.
 For \$1 will send 1 each, Fern, Ornamental Grass, Abutilon, Cobea, Hydrangea, Gloxinia and Cyclamen.
 When or here 1 by express, will send 4 \$1 packages for \$3; 5 \$1 packages for \$3.75; or 7 \$1 packages for \$5; all labeled.



ROSES. I deliver to any part of the United States or Canada, free of postage, strong, pot-grown plants of Everblooming Roses that will give an abundance of flowers during the summer and guarantee them to arrive safely. 6 beautiful varieties for \$1; 13 varieties for \$2; 20 varieties for \$3; 27 varieties for \$4; 36 varieties for \$5; your choice, all labeled. I will also forward 12 Roses, my choice of varieties, not labeled, by mail prepaid for \$1; 25 for \$2. See mailing list above.

The Roses are all wintered in cold houses, and are in condition to produce the very best results for summer blooming, with proper treatment.

Collections for Bedding Out.

For the convenience of those unable to select best bedding varieties, I offer below a list selected with my best judgment, only the most distinct and free blooming sorts among our best new and old varieties, and the purchaser will be sure to be pleased with the result. Large, strong plants, ready for immediate bloom, by mail or express

Six Best Sorts.		Six Best Sorts.		Six Best Sorts.	
Carnations,	\$1 00	Geraniums, Single,	\$1 00	Pansies,	\$0 40
Colens,	75	" Double,	1 00	Petunia, Double,	1 00
Dahlias,	1 00	" Golden Bronze,	1 00	Pelargoniums,	1 00
Fuchsias,	1 00	" Silver and Golden	1 00	Roses, Everblooming,	1 00
Gladioli,	50	" Tri-color,	1 00	Summer Blooming Bulbs,	1 00
Heliotropes,	75	" Ivy Leaf,	1 00	Verbenas,	40
		" Sweet Scented,	1 00	Lantanas,	1 00

Four \$1 packages, by express, \$3; 6 \$1 packages, by express, \$4.50; 15 \$1 packages, by express, \$10. For larger quantities, \$4 to \$12 per 100. If sent by mail, add 10 cents to each \$1 worth.

CUT FLOWER DEPARTMENT.

Decorations for Churches, Weddings, Parties, Funerals, or any Floral Device neatly and promptly executed at reasonable terms.

Brides' and Bridesmaids' Bouquets, Table Bouquets, Bells, Beautiful Novelties in Straw work, Willow Baskets, etc.

For Funerals—Wreaths, Crosses, Crowns, Harps, Anchors, Lyres, Broken Columns, Square and Compass, Doves, Pillows, Letters, Sickles, all kinds and sizes. Cut Flowers and Similar. Any design furnished to order.

HYACINTHS
 AND OTHER
DUTCH BULBS
 READY IN SEPTEMBER.
FALL CATALOGUE FREE.



Rose Baroness Rothschild.

