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2229

Mangelsdorf Bro's CATALOGUE FOR 1897 Company



SEEDS & PLANTS

ATCHISON KANSAS.

THERE is a tendency of late years amongst seedsmen to rival the circus posters and lottery advertisements in the illustrations and descriptions of their catalogues. You will find therein pictures of imposing structures meant to represent their establishments and seed warehouses, which, in fact, exist in the imagination only.

The premiums offered by some of the seedsmen really amount to more than the capital invested in their business, and will, therefore, never be paid.

Nearly every article in their list has the firm's name prefixed, intimating that they are the sole owners and originators of that particular variety.

We do not approve of this style, and will not follow it, as it is misleading and unworthy of a calling such as the seed business, where honesty and integrity should prevail in every detail.

You may find our catalogue somewhat plain, as compared with some of those above referred to, but you will find it reliable.

To all former patrons we extend hearty thanks; to those who have not yet dealt with us we say, "Come and see! Try us!" We are right in your midst and know the wants of our soil and climate better, and can serve you with greater promptness, and at less expense, than some house that is five hundred or a thousand miles away from you.

The attention of our customers is respectfully called to the following instructions, which, if followed, will be an aid to them as well as to ourselves.

INSTRUCTIONS.

Postage Paid—We deliver, postage paid, to any post office in the United States, Vegetable and Flower Seeds, in packets, ounces, and pounds (Beans, Peas, and Corn by measure excepted) when ordered at retail prices; also, all Flowering Plants where the order amounts to \$1.00 and over.

Postage to Remit—As prices of Beans, Peas, and Corn are quoted without postage, it will be necessary to add at the rate of 15c. per quart for Beans and Peas, and 10c. per quart for Sweet Corn, when ordered sent by mail. On orders for Plants for less than \$1.00, 20 per cent must be added for postage.

Plants by Express—This is much the best way of sending, as we can give stronger and better plants than those by mail, and they will arrive in better order if sent by express. We earnestly recommend our customers to have their plants sent in this way. We will put in enough extras to compensate you for the extra charge.

Plants by Mail—We do not advise having plants sent by mail except in long distances, where expressage would be too high. Will send plants by mail, carefully packed, but only when the plants desired amount to \$1.00 or more. The plants will have to be smaller than those we would send by express, and we can not put in any extras. Orders for plants for less than \$1.00, to be sent by mail, will not be accepted unless 20 per cent is added to the price of the plants wanted, for postage.

Express Charges on Plants—Some of our patrons complain about the heavy express charges on plants, and we would advise that they get their neighbors to order with them, as a \$3.00 or \$5.00 order will cost but very little more than a smaller order, and they will find the discount we give on larger orders more than sufficient to pay express charges.

Seeds and Plants by Express—When seeds and plants are ordered to be sent together by express, an allowance of 8c. per lb. is made on all Vegetable Seeds, except Beans, Peas, and Corn, and the amount may be deducted from remittance.

Freight—Field and Agricultural Seeds, Seed Potatoes, Sweet Potatoes, Shrubby, Implements, and other bulky or heavy articles can be sent only by express or freight at the purchaser's expense, except when noted.

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

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

Cash with Order—Please send money with the order sufficient to cover the whole bill. During the busy season, to make out bills for customers, charge, and in a few days receive the money, make the proper credit and send receipt, requires a large amount of unnecessary work.

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

Order Early—While we aim to send off all orders the next day after receipt, during the busy season it is nearly impossible, hence the advisability of *ordering early*.

Safe Arrival of Packages—We guarantee the safe arrival of Packages of Seeds, Bulbs, and Plants, in good condition. Frequently it happens that orders never reach us or are without signature. When customers fail to receive their packages in a reasonable time, they should inform us, and at the same time send a copy of their order, and any other information necessary to trace the goods.

Name and Address—Please remember to write your *Name, Post Office, County, and State*, as distinctly as possible, and apart from the body of the letter, to prevent errors; also the nearest *Express Office*, or if on a stage route, send us special directions, giving us the name of the Express Company delivering goods.

Warrants—All seeds are selected with the greatest care, but as the best of seeds will often fail to germinate from causes over which we have no control, we give no warranty, expressed or implied, nor will we be responsible for the crop.

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

Zur Beachtung: *All Briefe und in Anfragen in deutscher Sprache werden von uns deutsch beantwortet auch werden Bestellungen in deutscher Sprache ebenso prompt besorgt als andere.*

ADDRESS ALL LETTERS AND DISPATCHES TO

MANGELSDORF BROS. CO.,

TELEPHONE No. 445.

GREENHOUSE TELEPHONE No. 119.

424 Commercial St., ATCHISON, KANSAS.

COLLECTIONS OF Vegetable and Flower Seeds.

TO AID THE PURCHASER AND OURSELVES, we put up the following collections before the busy season commences. The seeds are all first class, but we cannot deviate from the varieties named, as the collections are all put up ready for mailing.

COLLECTION A.

50c. Vegetable Seed Collection.

Fifteen Full Packets.	One Packet Each.	Our Selection.
Beans	Cucumber	Peas
Cabbage	Lettuce	Parsnip
Carrot	Musk Melon	Radish
Celery	Water Melon	Squash
Sweet Corn	Onion	Tomato

COLLECTION B.

\$1.00 Vegetable Seed Collection.

Thirty Full Packets.	Our Own Selection.	
2 Beans	1 Lettuce	1 Pepper
2 Cabbage	1 Musk Melon	1 Pumpkin
2 Carrot	2 Water Melon	2 Radish
1 Celery	1 Onion	1 Spinach
2 Sweet Corn	2 Peas	2 Squash
2 Cucumber	1 Parsnip	1 Tomato
1 Kohl Rabi	1 Parsley	1 Turnip

COLLECTION C.

50c. Collection of Flower Seeds.

Twenty Full Packets.	One Packet Each.	Our Selection.
Asters	Mignonette, Machet	
Balsams, Double, mixed	Morning Glory, mixed	
Calliopsis	Pansy, mixed	
Candytuft, mixed	Petunia, Single, mixed	
Cacalia	Phlox Drummond, mixed	
Cockscomb	Portulacca, Single, mixed	
Cypress Vine	Sweet Alyssum	
Four O'Clock	Sweet Peas, mixed	
Godetia	Ten Weeks Stocks	
Marigold	Verbena, mixed.	

All in this collection will bloom the first season from seed.

COLLECTION D.

\$1.00 Collection of Flower Seeds.

One Packet each of the following Varieties. Our Own Selection.

Acroclinium	Candytuft	Nasturtium
Ageratum	Cypress Vine	Ornamental Grass
Amaranthus	Dianthus	Pansy
Aster	Daisy	Poppy
Balsam	Four O'Clock	Portulacca
Bachelor's Button	Foxglove	Pink
Balloon Vine	Gourd	Sweet Alyssum
Cacalia	Marigold	Sweet Peas
Cockscomb	Mignonette	Verbena
Canna	Morning Glory	Zinnia.

VALUABLE INFORMATION.

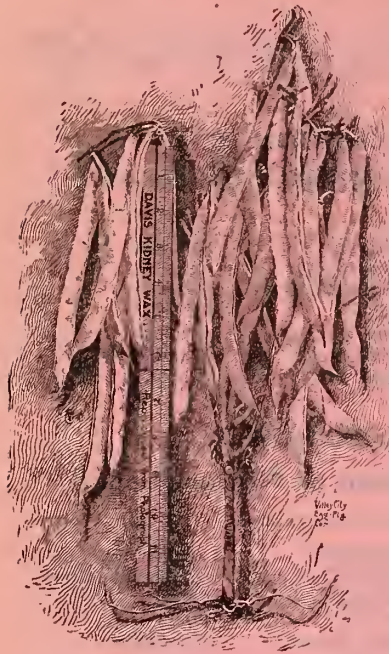
Quantity of Seed requisite to produce a given number of plants and sow an acre.

	Quantity per Acre.		Quantity per acre.
Asparagus, 1 oz. to 800 plants	.1 lb	Grass, Timothy	.¼ bu.
Barley	.2½ bu.	Hemp	.½ bu.
Beans, dwarf, 1½ pints to 100 feet of drill	.1 bu.	Kale, 1 oz. to 5,000 plants	.2 oz.
Beans, pole, 1½ pints to 100 hills	.¼ bu.	Kohl Rabi, ¼ oz. to 100 feet of drill	.4 lbs.
Beet, garden, 1 oz. to 100 feet of drill	.7 lbs.	Leek, ¼ oz. to 100 feet of drill	.4 lbs.
Beet, Mangel, 1 oz. to 100 feet of drill	.5 lbs.	Lettuce, ¼ oz. to 100 feet of drill	.3 lbs.
Broccoli, 1 oz. to 5,000 plants	.2 oz.	Melon, Musk, 1 oz. to 100 hills	.1 to 2 lbs.
Broom Corn	.10 lbs.	Melon, Water, 4 oz. to 100 hills	.1½ to 2 lbs.
Brussels Sprouts, 1 oz. to 5,000 plants	.2 oz.	Nasturtium, 2 oz. to 100 feet of drill	.15 lbs.
Buckwheat	.¼ bu.	Oats	.2 bu.
Cabbage, 1 oz. to 5,000 plants	.2 oz.	Okra, 1½ oz. to 100 feet of drill	.8 lbs.
Carrot, ¼ oz. to 100 feet of drill	.2½ lbs.	Onion Seed, ¼ oz. to 100 feet of drill	.4 to 5 lbs.
Cauliflower, 1 oz. to 5,000 plants	.2½ oz.	Onion Seed for Sets	.40 to 80 lbs.
Celery, 1 oz. to 15,000 plants	.2 oz.	Onion Sets, 1 quart to 20 feet of drill	.8 bu.
Clover, Alsike and White Dutch	.6 lbs.	Parsnip, ¼ oz. to 100 feet of drill	.3 lbs.
Clover, Lucerne, Large Red, and Crimson Trefoil	.10 lbs.	Parsley, ¼ oz. to 100 feet of drill	.3 lbs.
Clover, Medium	.10 lbs.	Peas, garden, 1 pint to 100 feet of drill	.2 bu.
Collards, 1 oz. to 5,000 plants	.2 oz.	Peas, field	.2 bu.
Corn, Sweet, ¼ pint to 100 hills	.5 qts.	Pepper, 1 oz. to 1,500 plants	.3 oz.
Cress, ¼ oz. to 100 feet of drill	.12 lbs.	Potatoes	.8 bu.
Cucumber, 1 oz. to 100 hills	.1 to 2 lbs.	Pumpkin, ¼ quart to 100 hills	.3 to 4 lbs.
Egg Plant, 1 oz. to 2,000 plants	.4 oz.	Radish, ¼ oz. to 100 feet of drill	.10 to 12 lbs.
Endive, ¼ oz. to 100 feet of drill	.4½ lbs.	Rye	.1½ bu.
Flax, broadcast	.½ bu.	Salsify, ½ oz. to 100 feet of drill	.8 lbs.
Garlic, Bulbs, 1 lb. to 10 feet of drill	.12 lbs.	Spinach, ½ oz. to 100 feet of drill	.8 lbs.
Gourd, 2 oz. to 100 hills	.12 lbs.	Summer Savory, 1 packet to 100 feet of drill	.¾ lb.
Grass, Blue, Kentucky	.2 bu.	Squash, Summer, 4 oz. to 100 hills	.2 lbs.
Grass, Blue, English	.1 bu.	Squash, Winter, 8 oz. to 100 hills	.2 lbs.
Grass, Hungarian and Millet	.½ bu.	Tomato, 1 oz. to 4,500 plants	.1 oz.
Grass, Mixed Lawn	.3 to 5 bu.	Tobacco, 1 oz. to 5,000 plants	.2 oz.
Grass, Orchard, Perennial Rye, Red Top	.2 bu.	Turnip, 1 oz. to 250 feet of drill	.1½ lbs.
Grass, Red Top, Fancy Clean	.8 to 10 lbs.	Wheat	.1½ bu.

DAVIS KIDNEY WAX.

The Bean for Market Gardeners and Canners.

Bound to be the most popular Wax Bean in Cultivation.



A large, handsome pod, containing pure white kidney-shaped beans, and produces a third more bushels of pods to an acre than any other wax variety. It is unequalled for productiveness, compact, upright growth, earliness, hardness, handsome appearance, and selling and shipping qualities.

The plant is vigorous, of compact, upright growth, carrying the pods well to the center and up from the ground.

The pods are long, straight, oval, clear, waxy white color and handsome, often growing to a length of 7 to 8 inches, and when fit for use are quite stringless and of fine flavor.

One of the main points of its superiority over other sorts is extreme hardness and shipping qualities; and another good point of merit is the plants produce a very small portion of waste or second quality pods.

The largest cropper, the handsomest pod, the best shipper and market bean in cultivation.

Pkt. 5c, qt. 30c, gal. 90c.

MARKET GARDENERS' BEET.

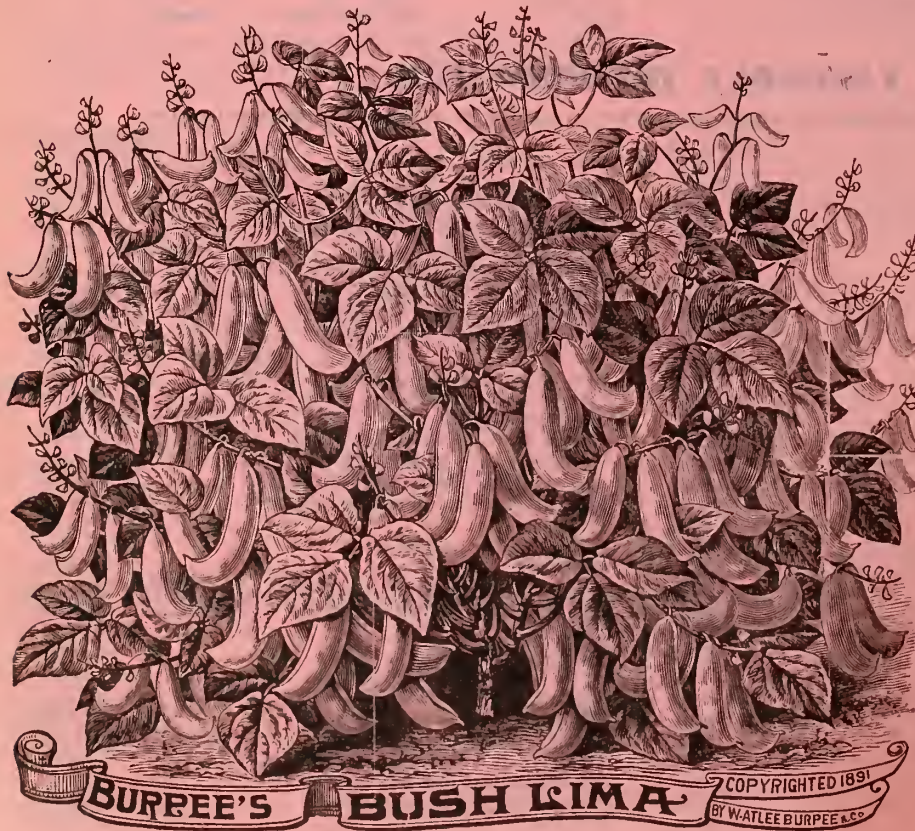


Undoubtedly one of the best novelties ever introduced, and it receives much praise from our customers each year. It is very symmetrical, with small tap root and but few fibrous roots; unusually small tops. Although on some soils the Egyptian can be marketed a few days before the Market Gardeners, still, within a week it will be found larger than the Egyptian, while it continues to grow until late in the fall, attaining a large size, and making a good eating and selling beet for winter. By the first of October they measure eight inches in diameter and average six pounds each in weight. One sowing only is necessary to produce early beets for market and main crop

for winter use, which is not the case with any other variety. Color deep blood red; fine grained and unsurpassed in quality. Summing it all up, it is the best beet for early market, and the best beet for winter use. Pkt. 5c, oz. 10c, ¼ lb. 25c, 1 lb 90c.

WHITE CREASBACK POLE BEANS.

The best early green podded pole bean, a good grower and exceedingly productive. The pods grow from five to six inches long, perfectly round, and are entirely stringless, very fleshy and of superb quality. An unusually good market and shipping sort. Pkt. 5c, qt. 25c, gal. 75c, bu. \$5.00.



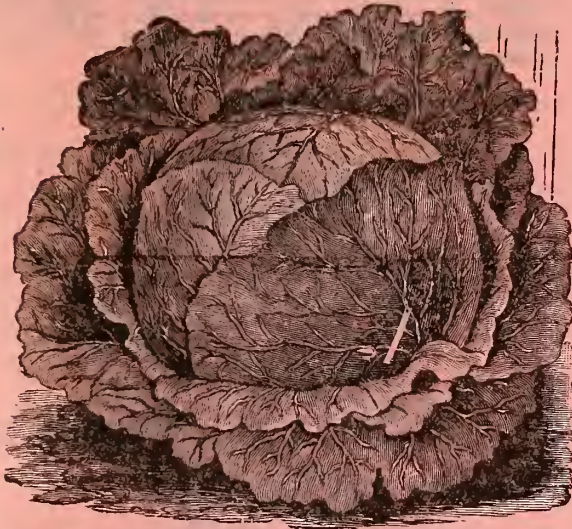
Burpee's Bush Lima.

Comes Absolutely True from Seed.

The bushes grow eighteen to twenty inches high, of stout growth and always erect, yet branching so vigorously that each plant develops into a magnificent circular bush from two feet to three feet in diameter. The leaves are of very large size and great substance. The bush character is thoroughly established, not one plant in a thousand showing any disposition to "run." The thickness of the main stalk and branches of the plant, as also the unusual size, healthy green color, and thick, leathery substance of the leaves, indicate the strong constitution of this variety by which it is enabled to bear large crops, and is also a sure cropper. It is an immense yielder.

Pkt. 5c, qt. 30c, gal. \$1.00 □

**HOLLANDER
OR DUTCH** **WINTER
CABBAGE**



Hollander, or Dutch Winter Cabbage.

For several years past shipments of Cabbage have been imported from Holland and sold in our markets at prices nearly double those obtained for the product from our own gardens. The heads of this valuable sort are of medium size, averaging a weight of 8 pounds, are *very solid and deep*, and of a *fine white* color, making them entirely distinct from any other strain. Their quality is superior, and they *keep better than any of her sort*, the heads being just as solid and perfect when taken up in spring as when they were put away in fall. No cabbage will sell beside it, even if offered at half the price.

Pkt. 5c, oz. 25c, ¼ lb. 75c, lb. \$2.00.

Japanese Climbing Cucumbers.



Japanese Climbing Cucumber.

A new cucumber which has created unparalleled sensation in the trade on the Continent, and has proved to be a valuable novelty. It climbs vigorously to a height of 6 or 7 feet on poles, and is prized for its prolific and hardy qualities, a single vine bearing 50 to 75 well formed fruits, about ten inches in length, of a dark green color, and of delicious flavor. The fruits are netted when ripe; is very fleshy, solid and sweet, with exceptionally few seeds. As a variety for slicing they will prove very useful, while for exhibition no other cucumber will attract so much attention. Their shape is very uniform, straight and perfectly smooth. Although very hardy it forces well and comes into bearing very early. Pkt. 5c, oz. 15c.

GRAND RAPIDS ††
†† **EARLY MARKET**

MUSK MELON

The Earliest Musk Melon in the Market, and a big one at that. Large, Yellow Flesh, Handsomely Netted, Good Flavor and Attractive. The Melon for Home Market Trade. At Least TWO WEEKS EARLIER than any Musk Melon in Cultivation.

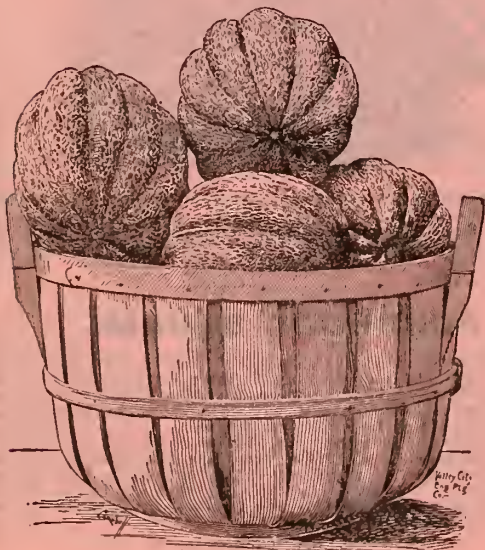
The Grand Rapids Early Market is of good flavor; but the main points in its favor are its extreme earliness, large size and attractive appearance. There is nothing we can so highly recommend for fancy grocer and hotel trade. Unlike many melons of this type, the Grand Rapids Early Market will stand shipping long distances with splendid results. *It is an allround money maker, and no gardener that is "up-to-date" should be without it.*

Pkt. 5c, oz. 10c, ¼ lb. 35c, lb. \$1.00.

BANANA MUSK MELON.

It is of a creamy white or straw color, entirely free from netting; flesh thick, of a rich salmon color. It grows from eighteen inches to two feet in length and is very productive; delicious and sweet in flavor.

Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60.



DARK ICING WATERMELON.

**THIS MELON HAS BECOME EXCEEDINGLY POPULAR
WHEREVER GROWN.**

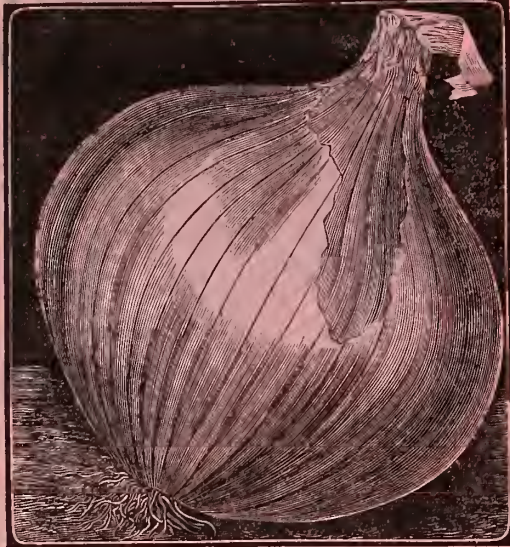
Oblong in shape, rind dark green, white seeded, of good size, and very prolific, flesh dark red, melting and of fine flavor.

Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

SWEETHEART WATER MELON.

An entirely new and distinct water melon, which is *early*, large, handsome, heavy, good shipper, long keeper, bright color, and best quality. Car loads of Sweethearts were sold at fancy prices when no other was saleable. Vine vigorous and productive, ripening its fruit early. Fruit large, oval, heavy, uniformly mottled, light and dark green, rind thin but firm, flesh bright red, firm, solid, but very tender, melting, and sweet. Remains in condition for use longer than any other sort. Seeds gray. This melon is sure to become one of the most popular in cultivation.

THE TWO LARGEST ONIONS.



Prize Taker.

Prize Taker—A new variety which has proved to be an excellent keeper, of finest flavor, handsome shape, and enormous size, many single onions having been raised to weigh 5 lbs. and over, from seed the first year. It is of the same type as those immense imported onions which can be seen in fruit stores and always command a very high price. The Prize Taker grows always to be a perfect globe shape, with a bright straw colored skin; the necks are very small, and the onions always ripen up hard. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

New Mammoth Pompeii—A very fine Italian variety. It has produced onions weighing 4 to 5 lbs. each. The skin is a delicate red, the flesh is close grained and nearly white. It is of a mild flavor, and in sections where onions can be sown during autumn this variety, if transplanted in April, will attain a larger size than any variety we know of. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.

WHITE TOP ONION SETS.

SILVER SKIN.



We especially recommend this onion to our friends who desire the best in the way of onions for their own table at any season when onions, green or dry, are wanted. The onions are *ready very quickly* for table use, and the matured bulbs are *very sweet and mild*. Their silvery white appearance and globe shape make them very attractive if wanted as mature bulbs for market purposes. The late Prof. Cassidy, of the Colorado Agricultural College, said this was the *finest, earliest and best onion for the market gardener* as well as for home use. Our stock is limited.

Qt. 25c, gal. 75c, bu. \$4.50

NOTT'S EXCELSIOR PEA.

This new extra early wrinkled pea has come to stay. In earliness it equals *American Wonder*; in height it is half way between *American Wonder* and *Premium Gem*; in quality equal to *Premium Gem*, and as a cropper it excels either. In a comparative test, with above side by side, under conditions exactly alike, the *Nott's Excelsior* yielded *one-quarter* more pods by *measure*, and by *weight one-third* more, which shows conclusively that the pods of *Nott's Excelsior* are more compactly filled with peas.



SPINACH.



New Zealand Spinach—An excellent variety, can be grown during the hottest months of the year or in dry, arid localities, where the ordinary varieties of spinach does not thrive. It should be planted farther apart than other varieties. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

FORDHOOK SQUASH.

Bright yellow outside and straw-yellow within. The flesh is dry and sweet,—the best in quality of all winter squashes. *It seems incapable of rotting*, and keeps in perfect condition until late in June. It is a strong and rapid grower, earlier in ripening than any other winter squash, and is *immensely productive*.

A most valuable characteristic is the fact that while such a remarkable keeper, *the skin is so very thin and delicate* that the squashes are prepared for table by simply cutting in half lengthwise and *cooking, skin and all*, at any time throughout the winter. Another feature is that *the green squashes can be used at any stage of their growth*.

Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

YELLOW VINELESS SWEET POTATO

Originally they came amongst a lot of other Sweet Potatoes from Cuba.

Their fame is now spread all over the World, and Everybody wants them.

THIS variety has no vines whatever, simply a bush like an early Irish potato, which gradually falls over and covers the hill; leaves forked and dark green. In shape they are somewhat like the Jersey, the ends a little more blunt, a little thicker in the middle and have a handsome and very saleable appearance; meat and skin of a dark, creamy yellow, very dry and sweet, contains 20 per cent. more sugar than any other variety; very easy to keep, to cultivate and to harvest; no more trouble than the Irish potato as there are no long vines to contend with and will grow in any soil and climate. Owing to their bushy growth they do best set pretty close. Will yield more than any other variety. Bed and sprout same as other varieties.

1 lb. 10c, 3 lb. 25c, $\frac{1}{4}$ bu. 75c, bu. \$2.00.

SOME

CHOICE NEW FLOWER SEEDS

New Dwarf Sweet Pea, "CUPID."

This dwarf variety of the Sweet Pea is quite an acquisition both to the flower garden and the greenhouse. Its pure white flowers are of the full size of those of the ordinary Sweet Pea, freely produced, and fragrant. The entire height of the plants is about six inches, and yet there is nothing stunted-looking about them. It is the only genuine dwarf Sweet Pea. By some freak of nature it has lost the vine habits, and makes a low tuft of short branches which hug the ground, showing no tendency either to trail or climb. But it has not lost the free-blooming habit, and thus its blossoms, which are uniformly the purest possible white, form a low mass that nearly hides the foliage; has all the fragrance of the most favored Eckfords. The flowers are the size of the *Emily Henderson*, but with more substance in the petals of both wings and standards than any other Sweet Pea. It bears two and three blossoms on the end of each stem—all opening about the same time, so that it is unnecessary to pick a stem with a bud and an open blossom. Our supply of seed is direct from the introducers and we offer it at their prices. Pkt. 10c, 3 Pkts. 25c.

Begonia Semperflorens Compacta "Heinzelmännchen."

This charming Miniatur Begonia, being originally a chance seedling of Begonia Vernon, has proved during the last three years to be constant from seed, and is described as surpassing all other Begonias of this class in gracefulness of habit and profusion of flowers, which are of a glowing carmine and appear without interruption from May until destroyed by frost. The plant forms a charming little bush 6 to 8 inches high, and the foliage is bright green without the red border of the Vernon Begonias. This Novelty is sure to be very valuable for all decorative purposes, in masses, for borders or for pots, and it appears to thrive equally well in the full sun or in a semi-shade; even protracted damp weather has not injured it. Pkt. 15c.

Jewel, or Ball Aster—Pure White.

This being the most indispensable color in a collection, there is no need for pointing out the value of this addition to the above form of Asters with its very double and globe-shaped flowers. Pkt. 10c.

Ten-Week-Stock, "White Pearl."

A new and quite distinct class of Ten-Week-Stocks, attaining a height of about 6 inches only, and being of graceful form and habit throughout. The foliage is very small, and surrounds the stem in an upward position, and the flowers are closely arranged, almost globular, very double and of the purest white. Highly to be recommended. Pkt. 10c.

Tropaeolum Majus, "Vesuvius."

The fiery tint of this tall Nasturtium surpasses in vividness that of any other variety; it is a dazzling fiery rose, and of a most remarkable effect, its brilliancy being prominent even at considerable distances. It will be invaluable for balconies, window boxes, and for covering pillars, trellises, etc. Pkt. 10c.

Zinnia Elegans fl. pl. "Admiration."

The flowers of this new Zinnia are medium size, partly quilled, and resemble those of the double-flowering Pyrethrum. The colors are white, lilac, violet, and bright red. Pkt. 10c.

SOME CHOICE PLANTS.



Abutilon Souv. de Bonn.

Souvenir de Bonn—A very distinct and striking new plant with large bright green leaves, distinctly edged with a pure white band as shown in illustration. The plant is of strong, robust growth, and forms fine specimens in a very short time. The long stemmed flowers are bright orange, veined with crimson, and stand well out beyond the foliage, producing a very pleasing effect. An excellent plant for large vases and porch boxes, contrasting finely with green leaved decorative plants. 25c. each; three for 60c.

A NOVELTY IN DAHLIAS.

FERN-LEAVED BEAUTY.

So called on account of its very beautiful foliage, which is finely cut like that of a strong-growing fern. The plant is dwarf of habit, growing about two feet high, and forming a compact mass of branches from the ground up. It is beautiful even before in bloom, but when in bloom it is a grand show, its long stemmed flowers standing high above the foliage. The flowers are of medium size, with petals quilled, regularly arranged, and standing out from each other in grand elegance. Color, creamy white, with petals heavily bordered with crimson. 40c each; three for \$1.00.

CORAL GEM.

LOTUS POLYORENSIS. (New).

This most charming plant should be in every house, as it is so well adapted for pot culture. Its cylinder branching habit is most striking, and its silvery foliage even more so. The bright coral red flowers measuring two inches in length are really beautiful. 15c each.

A SENSATION IN CANNAS.

QUEEN CHARLOTTE.

This is indeed a Queen amongst Cannas, and the finest variety yet introduced. The plant attains a height of about three feet, and is furnished with a heavy bluish foliage; the enormous flower-spikes, towering grandly above the foliage, bear a beautiful bouquet of large flowers of perfect form, with petals of a rich scarlet crimson, broadly banded with bright canary yellow. 50c each.

CANNA (Flamingo).

One of the finest solid crimson varieties yet introduced, with large flowers over four inches in diameter, heavy in texture and of the most refined reflexed form so much sought after and which is found in very few varieties. They cluster around the stem in an even manner, giving the truss the grace and finish of a Hyacinth spike; the size of the truss is very large; its habit is perfect, strong, and compact, growing about three feet high. 50c each.

CLERODENDRON FRAGRANS.

A native of China and a very desirable plant indeed. The flowers produced in dense clusters like a Geranium, are as fragrant as a Gardenia. It is sure to become a favorite. 25c each, three for 60c.



CHOICE PLANTS.

OTAHEITE ORANGE.

Not new, but desirable.

One of the most deserving decorative plants cultivated. It has the same deep green, fragrant foliage as the *Sweet Orange*; of decidedly dwarf bushy growth. Plants not over a year old produce delicious blossoms, which are succeeded by fruit.

PASSIFLORA (Passion Vine).

Quadrangularis Variegata.

A very pretty variegated variety having large foliage, which is mottled with bright golden yellow spots, and bearing light colored, almost white, flowers; very beautiful for covering trellises or around the window; strong plants. 25c each.

NEW CRIMSON SPIREA.

Anthony Waterer.

This is one of those exceptional varieties that occur only at rare intervals, adding richness to our garden flora. It outshines all other *Spireas* in brilliancy of color, being a bright crimson. The plant is of a dwarf and dense growth, and a continuous bloomer. It blooms during the entire summer and fall, and is an admirable pot plant for indoor decoration, and will no doubt become popular for this purpose. Young plants. 25c each.



BEGONIAS (Flowering).

The Flowering Begonias are deservedly popular. Their beautiful foliage, graceful flowers, free blooming qualities, and easy culture make them desirable plants. They require a temperature of an average of 65 degrees to bring them to perfection. As pot plants for summer or winter decorations they have few equals.

For varieties and prices see page 35.

CRIMSON RAMBLER.

A Wonderful Rose.



Crimson Rambler—The new Japanese Climbing *Polyantha* Rose; it has an enormously vigorous growth, throwing up shoots of eight to ten feet in one season; besides, is perfectly hardy. Therefore, tied down to grow as bush rose or trained as climber, it covers itself with its large and showy bunches of crimson flowers, forming a most pleasing contrast on its dark glossy foliage. The flowers keep fresh a long time. In cutting this rose, instead of taking off a single flower, a long stem will be cut, bearing dozens and scores of its beautiful bright crimson blooms, and it is easy to perceive the great display that can be made with them in vases for mantel and table decoration. 40c each; three for \$1.00.

NEW ROSE (Belle Siebrecht).

A superb rose, and one that is highly valued whenever seen. It is of the same class as *La France*—a *Hybrid Tea*. The color is a rich, bright pink; flowers are borne on long, stiff stems, and are very large. It is beautiful both in bud and full bloom, and, unlike many other varieties, it never loses its color through change of climate. 20c each; \$2.00 per dozen.

== SUMMER FLOWERING ==

The cultivation of Summer Flowering Bulbs is increasing from year to year. Their culture is more simple and easy, as they require less care in starting. They grow rapidly, flower the first season, and bloom and multiply every year, and most of them are so beautiful, graceful and fragrant that they are now considered indispensable by all lovers of flowers.

BULBS

CALADIUMS.

This plant is one of the best for yard or lawn ornaments; its large and tropical foliage makes a pretty effect when planted with Cannas for center of a flower bed. We have large and well matured bulbs that can be relied upon for a fine production of foliage.

10c to 25c each.

CANNA.

Since the introduction of the New French Cannas, these plants are undoubtedly in the front rank of Summer Flowering Bulbs, their tropical foliage and the exquisite flowers of the French varieties cannot be excelled. Their culture is very easy; all they require is a rich soil to bring out their foliage and flowers to perfection. We have a good collection of both the common and French. Common, 10c each; \$1.50 per doz. French, 15c each.

NEW CALLA LILY.

The Gem of Dwarf Calla.

We want to call special attention to this novelty. It commences to bloom when very small, and blooms much more freely than the old Calla, having sometimes as many as eight flowers at one time, and continues to flower nearly the whole year.

25c each.

DAHLIAS.

The Dahlia is one of the showiest of our autumn flowers, commencing to flower in August, and are in a perfect blaze of bloom until cut down by frost. The Cactus and Pomponne varieties are especially fine for cut flowers. The Dahlia delights in a rich soil.

	Each	Doz.
Cactus Dahlia ...	10c.	\$1.00
Pomponne "	10c.	1.00
Double "	10c.	1.00
Single "	10c.	1.00



Tuberous Begonia.

GLADIOLUS.

For a succession of flowers during the whole summer season no plants are better adapted than the Gladiolus. By planting a few bulbs the latter part of April, and every week or two thereafter until the first of September, you can depend on having these beautiful flowers at all times during the entire summer.

Bulbs, 5c each; 50c per doz.

MADEIRA VINE.

The Madeira Vine is a favorite tuberous-rooted climbing plant, with dense and beautiful foliage, and of very rapid growth, twining on strings to a great height or forming garlands in fanciful forms. In the autumn it is covered with feathery white flowers, sweet and fragrant as the Mignonette. It flowers best in a warm sunny location.

Tubers, 5c each; 25c per doz.

TUBEROSES.

The Tuberose cannot be surpassed for delicious fragrance and delicate pure white flowers. We have both the Tall and the Pearl. They should be planted in a warm situation, but partially shaded from the sun to give a successful bloom.

Tall, Double, 5c each; 40c doz.

Pearl, 5c each; 40c per doz.

TUBEROUS BEGONIAS.

Although not a novelty, they are worthy of special mention in the Catalogue. They are amongst the handsomest of Summer Flowering Bulbs, and are coming into popularity more every year. There is no plant that will prove more satisfactory, either for pots or bedding than the Tuberous Begonia. We have them in the following colors: Brilliant Red, Dark Red, Rose, White and Yellow.

Bulbs, 15c each; \$1.50 per doz.

IPOMCEA PANICULATA.

The Pink Moon Flower.
A Novelty.

This beautiful climber is tuberous-rooted, and will increase in size and beauty with each season's growth. The flowers are large and of a beautiful pink color; they are produced in great profusion, a well established plant often having hundreds of these magnificent blooms upon it at one time.

The bulbs must be taken up in the fall and stored in the cellar, where they can be kept as easy as Dahlias or other flowering bulbs.

Good strong bulbs, 25c each; \$2.50 per doz.

We issue each Fall a Special Price List of BULBS for Fall Planting, such as *Lilies, Hyacinths, Tulips, Crocus, etc.*

WE MAIL THIS LIST TO ALL WHO APPLY FOR IT

VEGETABLE SEEDS.

OUR LIST OF VEGETABLE SEEDS embraces all the well known standard varieties, and also such of the new varieties as have proved to be suitable and profitable for general cultivation in our soil and climate. We have endeavored to describe the different varieties, so that their character and value may be understood, and given such simple directions for culture as, with a little care, will insure success.

ARTICHOKE.

A well known vegetable produced from tubers resembling potatoes; it makes an excellent food for stock. They are planted like potatoes, and as early as the ground will admit. Pkt 40c, bu. \$1.25.

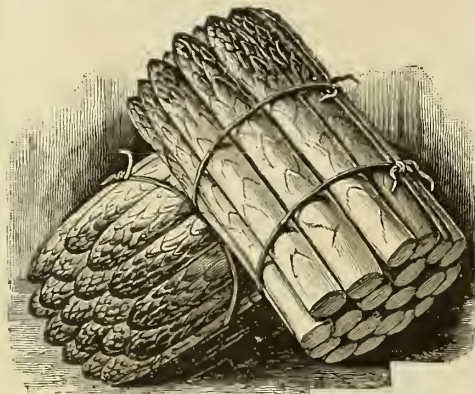
ASPARAGUS.

Soak the seed twenty-four hours in warm water, and sow very early in the spring, thinly, in rows one foot apart; keep clean by frequent weeding and hoeing. At one or two years old, transplant to permanent beds.

Prize Taker—A desirable variety, mammoth size, and remarkably uniform in size and color; shoots measure from one and three-quarters to two inches in diameter. Pkt. 5c, oz 10c, ¼lb. 25c, lb. 75c.

Conover's Colossal—This is such a vigorous grower that at two years old, from seed, it will send from fifteen to twenty sprouts. Pkt. 5c, oz. 10c, ¼lb. 25c, lb. 50c.

ASPARAGUS ROOTS—Two years old. Per 100, \$1.00; per 1000, \$7.00.



Prize Taker.

BEANS—Dwarf.

Under this name is classed all the low growing sorts. They are so sensitive to frost and cold that it is useless to plant them before the middle of the spring, when the ground has become warm and light. Plant two or three inches apart, in two and a half feet drills. They do best in light and rich soil.

For postage, add 15 cents per quart when ordering to be sent by mail. Pints will be furnished at quart rates; quarter bushel at bushel rates. Packages of any variety postpaid.

Early China—A very early and excellent variety, both for snaps and shelled beans. Pkt. 5c, qt. 15c, gal. 50c, bu. \$3.50.

Best of all Dwarfs—A very popular variety in the South. The pods are about six inches in length, very fleshy and of good quality. Pkt. 5c, qt. 15c, gal. 50c, bu. \$3.50.

Early Valentine—A most excellent sort, having round, fleshy pods, which remain a long time brittle and tender; very early and a good bearer. Pkt. 5c, qt. 15c, gal. 50c, bu. \$3.50.

Early Long Yellow Six Weeks—Hardy and prolific; seeds yellowish drab. Pkt. 5c, qt. 15c, gal. 50c, bu. \$3.50.



Refugee, or 1000 to 1.

Refugee, or 1000 to 1—The standard late pickling variety; matures two weeks later than the extra early kinds. Pkt. 5c, qt. 15c, gal. 50c, bu. \$3.50.

Davis' White Kidney Wax—See Novelties.

German Black Wax or Butter—(Stringless)—An excellent and much esteemed bean, with transparent, wax yellow, tender pods. Pkt. 5c, qt. 20c, gal. 60c, bu. \$4.00.

Golden Wax—(Stringless)—A week earlier than the Black Wax; pods large, long, and brittle, of a rich golden wax color. Pkt. 5c, qt. 20c, gal. 60c, bu. \$4.00.

White Wax—Except in the color of its seed this variety bears a strong resemblance to the Black Seeded Wax. Pkt. 5c, qt. 25c, gal. 75c, bu. \$5.00.

Kidney Wax—We consider this variety one of the best of all Wax Beans. It is as early as the Golden Wax; pods very large, long, tender, stringless, and of a fine light golden color. It grows taller than the Golden Wax, and out-yields it by far. Pkt. 5c, qt. 20c, gal. 60, bu. \$4.00.

Burpee's Bush Lima—See Novelties.



HENDERSON'S DWARF LIMA.

BEANS—Dwarf—Continued.



Dwarf Flagelot Wax Bean.

Dwarf Flagelot Wax
—Introduced from Germany. The pods are of very large size, sometimes ten to twelve inches in length, entirely stringless, very fleshy, and of the finest quality. Pkt. 5c, qt. 25c, gal. 75c, bu. \$5.00.

Rust-Proof Golden Wax—The pods are long, straight and thicker than the Golden Wax, superior in quality and absolutely rust proof. Pkt. 5c, qt. 20c, gal. 60c, bu. \$4.00.

Henderson's Bush Lima—A most remarkable Lima Bean which grows in bush form, bearing richly flavored Lima Beans in great profusion through the entire season. This is a variety that should be in every garden, and one that no farmer should be without. Pkt. 5c, qt. 25c, gal. 75c, bu. \$5.00.

Field Varieties.

Large White Kidney—One of the best late kinds; pods long and rather flat, beans white, kidney shaped. Excellent green, and equal to any in a dry state. Pkt. 5c, qt. 20c, gal. 60c, bu. \$4.00.

Dwarf White Navy—Vines large, spreading, with occasional runners and small, thin leaves, and small, white flowers; very prolific, ripening its crop early and all at once. Pods short, straight, small, but containing six beans; beans small, oval, white, handsome and of superior quality. Pkt. 5c, qt. 15c, gal. 40c, bu. \$2.50

Prolific Tree—The most prolific variety for field culture yet known; grows 18 to 20 inches high, branching out in all directions, bears its pods so high that they do not touch the ground; average yield, 60 bushels per acre. They somewhat resemble the common Navy Bean, but are more round at the ends, very white, and of a finer flavor. Pkt. 5c, qt. 15c, gal. 40c, bu. \$2.50.

BEANS.

Pole or Running.



Pole Bean.

These are sown in hills about four feet apart, dropping five or six seeds in each hill, to the depth of about two inches. Being more tender than the Bush varieties, the planting of them should be delayed about two weeks after the usual time for planting the latter. A sandy soil suits them best, but the hills should have a liberal quantity of manure worked in previous to planting the seed.

Lazy Wife's Pole—This fine pole bean has become a great favorite. The pods grow from six to eight inches long, entirely stringless, and of a rich, buttery flavor when cooked. The pods remain green, and retain their rich flavor until nearly ripe. The beans are white, and are unsurpassed as shell beans for winter use. We cannot commend this bean too highly. Pkt. 5c, qt. 25c, gal. 85c, bu. \$6.00.

Early Dutch Case Knife—The earliest of the pole beans, with very long, flat pods; beans white; very good green or dry; an abundant bearer. Pkt. 5c, qt. 20c, gal. 60c, bu. \$4.50.

Horticultural Cranberry—A medium sized, oval bean, light red creamy color, speckled pods striped with red; very productive. Will do well planted with corn. Pkt. 5c, qt. 20c, gal. 60c, bu. \$4.50.

Large Lima Bean—A large, late bean, with broad, rough pods, seeded white. It bears profusely until killed by frost. Pkt. 5c, qt. 20c, gal. 75c, bu. \$5.50.

King of the Garden Lima—Claimed to be larger, stronger growing, more productive, and with larger pods and beans than the large White Lima. On account of its large pods it is a favorite with market gardeners in many places. Pkt. 5c, qt. 20c, gal. 75c, bu. \$5.50.

Cut Short—A well known and favorite corn field bean. Pkt. 5c, qt. 20c, gal. 60c, bu. \$4.50.

BEET.

The best results are obtained on a deep, rich, sandy loam. If wanted very early, sow in hot beds and transplant, cutting off the outer leaves; or for general crop, sow as soon as the ground will permit in drills eighteen inches apart, and thin out to three inches in the row. For winter use, the turnip varieties may be sown in June. If possible, always sow in freshly prepared soil, which should be pressed firmly over the seed. A supply may be had for winter use by storing in a cellar and keeping covered with sand, earth or sods, to prevent wilting, or they may be kept out doors in pits, such as are used for apples and potatoes.

Market Gardeners' New—See Novelties.



Edmund's Imp. Beet.

Edmund's Imp. Early Blood Turnip—This beet, of American origin, has by careful selection been brought to a uniformly smooth root and small top, making it among the best for early table use. Roots dark red, interior color dark purplish red, zoned with a lighter shade; crisp, tender, sweet, and an excellent keeper. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 45c.

Eclipse—Very desirable owing to its globe shape, great smoothness and regularity; very sweet, flesh fine and dark blood color. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 45c.

Egyptian Turnip—Very early; deep red color and tender. Valuable for market. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 45c.

Extra Early Blood Turnip—The standard early sort, blood red, turnip shaped, with small top and tap root; very tender. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

Bastian's Early—Color bright red, root uniform and of fine shape; best second early. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 45c.

Long, Smooth Blood—A long, smooth beet, growing to a good size, half out of the ground; color dark blood red, top small, keeps well. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

SUGAR BEETS.

For Sugar or Stock.

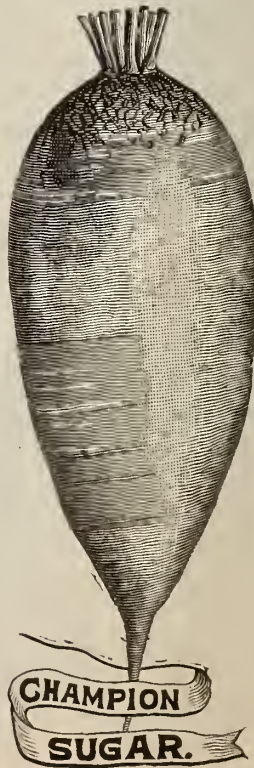
Champion Sugar—An improved variety from France which affords the largest percentage of sugar of any known variety. Roots of good size, flesh fine grained and very sweet; a good variety for cattle feeding. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

Vilmorin's Improved White Sugar Beet

—An improvement on the old White Sugar, containing a much larger percentage of sugar. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

Red Top White Sugar Beet

—Large size and grows considerably above the ground; fine for feeding. Cultivated in England for its sugar. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.



MANCEL WURZEL—For Stock.

Long Red Mangel Wurzel—A large, long variety, grown for stock feeding. Color light red, flesh white and rose colored. Pkt. 5c, $\frac{1}{4}$ lb. 15c, lb. 35c.

Golden Tankard Mangel Wurzel—A distinct and superior strain of the Yellow Flesh Mangel, exceeding every other variety in milk producing qualities, and on this account used largely by dairy farmers. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 40c.

BROCCOLI.

Of the cabbage family, but more hardy. Sow the seed in the early part of May and transplant in June.

Purple Cape—Greenish purple heads. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 30c, lb. \$1.50.

BRUSSELS SPROUTS.

Sow in hot bed in April or May and transplant in July.

Dwarf Improved—A new variety, and the best. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

CABBAGE.

The early varieties are sown in hot beds during February and March, and in cold frames under glass in April, and for late crops in the open ground through the month of May. For the fall and winter crop of late cabbages, the seed should be sown in the month of June, indeed, almost to the end of the month will do. Plants raised and transplanted during the month of June are much more sure of heading, being out of the hottest sun, and are more inclined to grow low to the ground. The early varieties may be transplanted in rows eighteen to twenty inches apart, and twelve to fifteen inches distant in the row. The later varieties should be set twenty or more inches apart, in rows two feet or more apart.

The Holland—New. See novelties.

Early Etampes—About ten days earlier than "Wakefield." In shape the heads are slightly conical, very solid and firm. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, lb. \$1.50.

Early York—A well known early variety. Heads small, rather heart-shaped, firm, tender and excellent flavored. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, lb. \$1.50.

Early Jersey Wakefield—Favorite market variety of medium size, and pretty sure to head. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.

Early Express—Produces fair sized heads in eighty to eighty-five days from sowing of seed: does not form as large a head as Early Etampes, but is ahead of this variety several days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.



Early Deep Head.

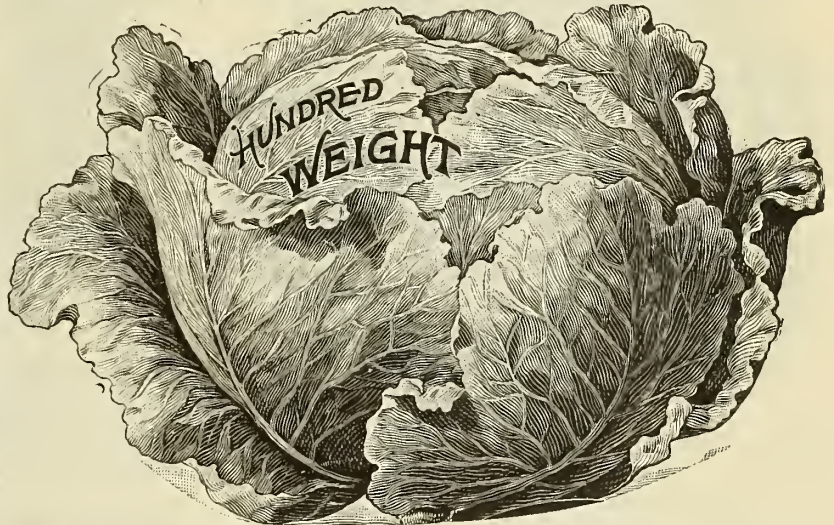
Early Winingstadt—Large, cone shaped, solid heads of fine quality. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, lb. \$1.50.

Early Deep Head—A desirable second early variety. It is fully as early as the Brunswick, while the heads are as large, round and considerably deeper. It is heavier, bulk for bulk, than any other second early cabbage. A splendid keeper. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.

Early Flat Dutch—Medium size, solid head and short stump; early, and of good quality; heads well. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.

Henderson's Early Summer—Second early variety of great merit; heads large and compact. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.

Fottler's Improved Brunswick—Excellent for second early or late; heads large and of fine quality. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.



Hundred Weight—This cabbage is the largest variety known; remarkable for its immense size, firm heart and superior heading properties; heads broad, very large, frequently attaining a diameter of twenty inches and more, very much flattened, leaves of a pale green ashy color. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00.

All Seasons—The sort almost universally grown on Long Island for New York market. Heads very large, round, often nearly spherical, but usually somewhat flattened; very solid, and of the best quality; remarkable for its ability to stand the hot sun and dry weather. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.

Premium Flat Dutch—Superb, large, low growing cabbage, heads broad and flat, flat top, very close and hard, with but few outside leaves, a fall and winter variety; tender, and one of the very best to keep. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, lb. \$1.50.

Large Late Drumhead—Large fall and winter variety, with broad, flat, or round heads, very compact. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, lb. \$1.50.

Marblehead Mammoth—One of the largest variety of the cabbage family in the world. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.

Stone Mason—Heads large and solid, and of good quality. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.

Red Dutch or Pickling—An esteemed variety for pickling; medium size. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, lb. \$1.50.

Drumhead Savoy—Grows to a large size and quite firm. The Savoy's approach nearer to the delicious richness of the Cauliflower than any other cabbage. Sow early. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.

CRESS.

Sow thickly in shallow drills, every few weeks for succession. In dry weather water occasionally.

Curled, or Pepper Grass—This small salad is much used with lettuce, to which its warm, pungent taste makes a most agreeable addition. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

CAULIFLOWER.

For spring and early summer crop sow in March or early in April in hot-bed and transplant to cold frame when sufficiently large and to the open ground when the weather is warm enough. The soil for cauliflower should be like that for cabbage, but it is better to be made richer than is ordinarily used for that crop. After the heads begin to form draw the leaves over them and pin or tie them together to protect from the sun and keep them white. They should be cut for use while the "curd" is compact and hard, as they soon become tough and bitter after they open and separate into branches.



Snowball Cauliflower.

Early Snowball—It is exceedingly early and hardy, and is one of the surest to make a solid, compact head. For these reasons it is also growing more and more in favor for planting for the late summer and fall crop. Pkt. 20c, $\frac{1}{4}$ oz. 75c, $\frac{1}{2}$ oz. \$1.25, oz. \$2.00.

Extra Early Dwarf Erfurt—One of the earliest varieties; heads large, compact, and of fine quality. Seed sown early in March will by June produce fine large heads. Pkt. 20c, $\frac{1}{4}$ oz. 75c, $\frac{1}{2}$ oz. \$1.25, oz. \$2.00.

Early London—This is a standard variety; very tender and quite early; heads compact, solid, and of delicious flavor; good for general use. Pkt. 10c, $\frac{1}{2}$ oz. 30c, oz. 50c.

Veitch's Autumn Giant—A distinct and valuable late variety. Heads large, extremely white, firm and compact; being well protected by foliage it remains a long time fit for use. Pkt. 10c, $\frac{1}{2}$ oz. 30c, oz. 50c.

CARROT.

The carrot delights in sandy loam, richly tilled. For an early crop sow in the spring as soon as the ground is in good working order. For late crop they may be sown any time until the middle of June. Sow in rows about fifteen inches apart, thinning out to three or four inches between the plants.

Early Oxheart—A variety with short, thick roots, the diameter often exceeding the length; color bright orange; sweet, fine grained. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

Early Horn—Shorter than most other sorts; color deep orange; fine grained and agreeably flavored, top small. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 70c.

Danver's Intermediate—Half long variety; in color it is of a rich shade of orange, smooth and handsome. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 70c.

Long Orange—The standard sort, roots long, smooth, and deep orange, suitable for table, and the main field crop. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 70c.

Large White Belgium—Grows one-third out of the ground; roots pure white, green above ground, with small top. It will grow to a very large size on light rich soil. Flesh rather coarse; is raised exclusively for stock. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.



Early Horn.



Long Orange.

CELERY.

Sow the seed (which is slow to germinate) in shallow boxes, or in a finely prepared seed bed out of doors. See to it that the seed bed is kept moist, almost wet, until the seeds germinate, as plenty of moisture is essential to get a satisfactory growth. Keep clear of weeds until the time of transplanting in June and July. The tops should be shorn off once or twice before transplanting, to insure stocky plants. When from four to six inches high transplant into broad, shallow trenches, three feet apart and six inches in the rows.



White Plume—A magnificent variety and very popular with market gardeners. The foliage is a natural white, and requires but little banking to blanch. It is also highly ornamental for the table on account of its silvery white leaves; flavor is excellent; solid and and crisp. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.

CELERY—Continued.

Golden Self Blanching—Tested in all sections and pronounced by large growers as the best ever introduced. The ribs are solid, crisp, brittle, and of the most delicate flavor imaginable. It is the celery for the home garden, market, and shipping. Pkt. 5c, oz. 25c, ¼ lb. 65c, lb. \$2.00.

Boston Market—A favorite with the Boston gardeners, and a celery that is worthy the attention of every grower; very tender, brittle, and mild. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50.

White Solid—(*The Mammoth White Celery*)—Very crisp, tender, and of delicious flavor. Try it. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50.

Celeriac, or Turnip Rooted Celery—Grown for its roots, which are shaped like a turnip, and can be cooked like Kohl Rabi, or used for flavoring soups etc.; very strong celery flavor. Pkt. 5c, oz. 15c, ¼ lb. 50c, lb. \$1.50.

CORN—Sweet.

A rich, warm, alluvial soil is best, and immediately before planting this should be deeply and thoroughly worked. Give frequent and thorough but shallow cultivation until the tassels appear.

For postage add 10c. per quart when ordered sent by mail.



IMPROVED RUBY SWEET CORN is entirely distinct from other varieties, by reason of the stalks and husks, which are of a very handsome dark red color, giving it an odd and beautiful appearance in growth; the stalks grow from six to seven feet high and bear from two to three good ears. The ears are of large size, completely filled with large, pure white grains, closely packed on the red cob. The corn is of the most delicious flavor, and so extremely sweet that it is most palatable, even to eat raw in the field; it matures a little earlier than the Stowell's Evergreen. Its superb quality and large, handsome appearance cannot fail to make it a most desirable sort, both for the market and family garden.

Pkt. 10c, qt. 20c, gal. 60c, bu. \$3.50.

Extra Early Adams—Not a sweet corn, but the earliest white corn grown; ready for use in sixty days. Pkt. 5c, qt. 10c, gal. 35c, bu. \$2.00.

Zig Zag Evergreen—Ears good size and well filled out. It reaches maturity with the Stowell's Evergreen, and continues to furnish edible corn longer than any other variety. Pkt. 5c, qt. 15c, gal. 45c, bu. \$2.50.

Cory—The ears are much larger than any of the other early varieties; combining earliness, size and fine quality. Pkt. 5c, qt. 10c, gal. 35c, bu. \$2.00.

Early Marblehead—The earliest of all; of fair size and very sweet. Pkt. 5c, qt. 10c, gal. 35c, bu. \$2.00.

Early Minnesota—Very early and of excellent quality. Pkt. 5c, qt. 10c, gal. 35c, bu. \$2.00.

Egyptian—One of the best of the large varieties. Very sweet and tender, and of delicious flavor, invaluable for canning. Pkt. 5c, qt. 10c, gal. 35c, bu. \$2.00.

Mammoth—One of the largest varieties of sweet corn and late, very productive and rich flavored. Pkt. 5c, qt. 10c, gal. 35c, bu. \$2.00.

Evergreen—Hardy and productive, very tender and sugary, remaining a long time in a suitable condition for boiling. Pkt. 5c, qt. 10c, gal. 35c, bu. \$2.00.

CORN SALAD.

Fetticus, or Lamb's Lettuce.

Sow early in the fall or spring, in shallow drills about twelve inches apart, cover lightly, and if very dry, water occasionally. To protect through the winter, cover with straw.

Large Leaved—The best variety cultivated. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

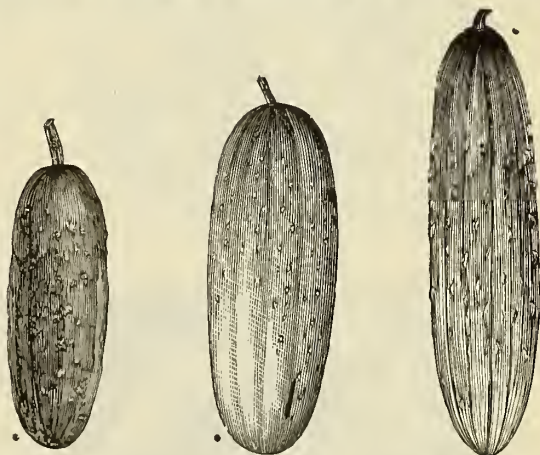
CUCUMBER.

Cucumbers succeed best in warm, rich, sandy loam, and should not be planted in open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way, and, when all danger from insects is past, thin out the plants, leaving three or four of the strongest to each hill. The fruit should be gathered when large enough, whether required for use or not; if left on the vines longer it destroys their productiveness. Sow liberally, as the yellow bug will require a part, and it is best to have a surplus of plants. A large shovelful of well-rotted manure should be mixed in each hill.

Japanese Climbing—See Novelties.

New Giant Pera—This is quite a novelty. Fruit considerably larger than the long green cucumber. Fourteen to eighteen inches in length; vigorous, forming cucumbers fit to use for the table nearly as early as the shorter varieties. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

Early Russian—Valuable on account of its extreme earliness and prolific character; is about three inches long when fit for use, flavor pleasant and agreeable. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.



Early Frame. White Spine. Long Green.

Early Cluster—A short, prickly, seedy variety, bearing in clusters near the root; comes to maturity very early. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Early Frame—The standard sort for table and pickling, of medium size, straight and handsome. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Green Prolific—Excellent variety for table use, being very tender and fine flavored, and makes a hard green pickle. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Boston Pickling—Short variety of good form and very productive, one of the best for pickling. Oz. 10c, ¼ lb. 20c, lb. 60c.

Tailor's Hybrid—In size it is larger than the White Spine, often growing to the length of twelve inches; enormous cropper, very hardy. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

CUCUMBER—Continued.

White Dutch—This fine variety from Germany grows to a large size and is of excellent quality and superior flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

Improved White Spine—The best sort for the table; grows uniformly straight and smooth, dark green, with white prickles, tender and excellent flavored. The fruit retains its fresh appearance much longer than any of the yellow varieties. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

London Long Green—Excellent variety, about one foot in length, dark green, firm and crisp. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Small Cherkins or Burr—Used exclusively for pickling; very small, length two to three inches; a strong growing sort. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

Serpent or Snake—A remarkable and very interesting curiosity. The cucumbers grow curled up like a snake, with head protruding, and are sometimes six feet in length; can be used for pickling, but grown mostly as a curiosity. Pkt. 5c, oz. 20c.

POP CORN.

Every one should at least grow a small patch; always brings good price and affords a great deal of enjoyment for the children.



Rice Pop Corn.

Rice—One of the most popular market varieties; very handsome, short ears, long pointed kernels, very prolific. Per lb. 10c, postpaid 18c.

Golden Queen—Handsome, splendid yielder, sturdy growth, delicious flavor and extremely tender when popped, very popular. Per lb. 10c, postpaid 18c.

Silver Lace—Handsome variety, smooth white pop corn; fine popper and produces heavily. Per lb. 10c, postpaid 18c, choice single ears 10c.

FIELD CORN.

We carry a well selected stock of the best varieties of Field Corn. See field seeds.

EGG PLANT.

Sow seed in hot-beds in March or April. Plant out about June 1st, two-and-a-half feet apart. Those who have no hot-beds can sow sufficient seed in boxes in the house for a small garden.



Egg Plant.

Improved New York Purple—The favorite market variety, of large size, smooth, deep purple skin, free from thorns, white flesh, and tender. It is readily distinguished from either the large round or long purple varieties, the plants being much more robust, with leaves and stems thickly set with spines. Pkt. 5c, oz. 20c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

ENDIVE.

Sow from late in the spring to the middle of the summer in shallow drills, thin the plants to one foot apart in the drills, and when fully grown tie over the outer leaves to blanch.

Green Curled—Hardy variety, with beautiful curled, dark green leaves; very crisp and tender. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 35c, lb. \$1.00

Broad Leaved Batavian—Has broad, thick, plain or slightly wrinkled leaves, forming a large head. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 35c, lb. \$1.00.

GARLIC.

Prepare the ground the same as for onions, and plant the bulbs in drills eight inches apart, and four inches apart in the rows, and cover two inches deep. When the leaves turn yellow, take up the bulbs and dry in the shade, and lay them up in a dry loft as you would onions.

Bulbs— $\frac{1}{4}$ lb. 10c, lb. 30c.

If you order Garlic Bulbs by mail, add 8c per lb. for postage

HORSE RADISH.

Mark off rows two and one-half feet apart in rich, moist, well prepared ground and set the pieces of roots eighteen inches apart in the rows, two or three inches below the surface, the small end down. Cultivate thoroughly until the tops cover the ground, when their shade will keep down the weeds.

Roots—Per doz. 20c, per 100, \$1.00.

If wanted by mail, add 5c per doz. for postage.



Dwarf Green Curled Kale.

KALE.

Borecole, Kale, or German Greens—Are general terms applied to those classes of cabbage which do not form heads, but are used in their open growth. Some of the varieties are the most tender and delicate of any of the cabbage tribe. They are hardy, and are improved rather than injured by the frost. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

KOHL RABI.

Cultivated same as directed for cabbage, taking care to set the plants no deeper than they stood in the seed bed, and in hoeing not to heap too much earth about them.

Early White Vienna—The earliest and best for forcing; very tender, and excellent for table use. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

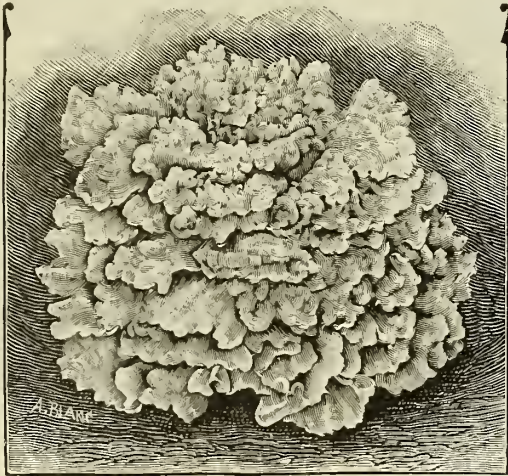
Early Purple—Similar in habit to Early White Vienna, but differs in color, which is a bluish purple. A very handsome variety. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

Large Green—A good sort for summer and autumn use. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, lb. \$1.25.

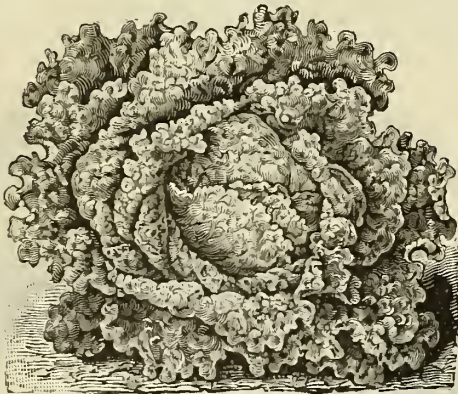
LETTUCE.

Lettuce is one of the most extensively cultivated plants, and should find a prominent place in every garden, one of its principal requirements being good, rich soil. For early use, sow under glass in February or early March, and transplant as soon as the ground can be nicely worked. Sowings may be made in the open ground from April to the middle of August every two or three weeks for succession. It may also be sown in the fall of the year, and transplanted to cold frames and wintered over the same as early cabbage. Lettuce must have good ground and abundant moisture.

Grand Rapids Forcing—This grand new variety stands more neglect in the way of watering and ventilation, will grow more weight on the same ground, and will stand longer after matured than any other variety. It is of handsome appearance, and strong grower. Its upright habit admits of very close planting, and it matures two weeks earlier than Tennis Ball or Boston Curled. Pkt. 5c, oz. 10c, ¼ lb. 35c, lb. \$1.00.



Grand Rapids Forcing.



Denver Market.

Denver Market—An early variety of Head Lettuce, either for forcing or open ground. It forms large solid heads of a good light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered (like the Savoy Cabbages), and are very crisp and tender and of excellent flavor. Pkt. 5c, oz. 10c, ¼ lb. 35c, lb. \$1.00.

Early Curled Silesia—A superior early variety of very strong growth; leaves large, light yellow, wrinkled, large loose head of excellent flavor. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

Early White Cabbage—An open spreading lettuce, grown mostly for an early spring salad; color light yellow. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

Early Curled Simpson—An improvement on the old Curled Silesia; very early; fine for forcing. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

Black-Seeded Simpson—Similar in habit to above, but much larger, and of lighter color, very crisp and tender, stands the heat of summer well. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

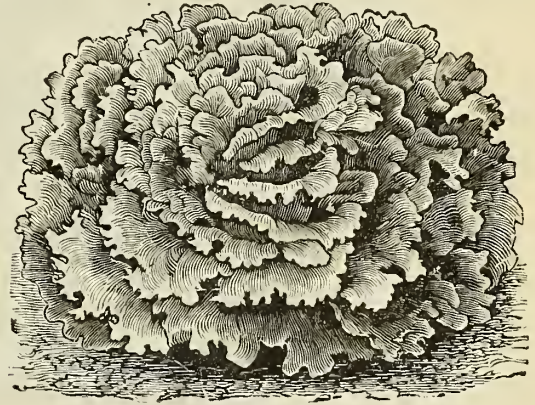
Golden Ball—Distinct from all other sorts; color a delicate golden yellow, retaining the same beautiful color throughout the season, which enhances its value as a seller for market gardeners. It is very crisp, tender and excellent in flavor. Good for forcing. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

Green Fringed—An exceedingly ornamental variety; the inside of the leaves is white, the edges a delicate green and beautifully fringed and crimped, making this the most beautiful variety on our list. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

Hanson—Large, solid and of fine flavor. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

Tennis Ball (Black Seeded)—Forms a close, hard head, with a few outer leaves. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

Prize Head—For general use no lettuce has ever given such universal satisfaction. It forms a large, close head, very crisp and tender, and of excellent flavor, and has the faculty of keeping its good qualities throughout the entire season. We recommend this as one of the best for family use. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.



Prize Head.



Golden Ball.

Large Drumhead, or Victoria Cabbage—The largest of heading lettuces, forming an immense, loose head, bright green without, and light green or white within. Leaves very large, strongly veined, coarse, but the inner ones are very crisp and tender. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

Oak Leaved—This differs from all other varieties, in the fact of its having oak-shaped leaves, which are light green, and very tender; very slow in running to seed; heads compact. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

Brown Dutch—An old sort, noted for its hardness. Leaves large, thick, green, tinged with brown. It always forms a large, solid head, which is somewhat coarse looking, but the inner leaves are beautifully blanched, exceedingly sweet, tender and well flavored. Desirable because of its hardness and fine quality. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. 90c.

LEEK.

Sow early in the spring in drills fourteen inches apart, and thin to six inches. Hoe the earth up to them in the course of cultivation.

Large Scotch, or Flag—Broad leaves, growing on four sides, like a flag; a favorite variety. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.00.

Roots—Per dozen 20c, per 100, \$1.00.

If Roots are wanted by mail, the postage will be extra; 10 cents per dozen.

MELON—Water.

THE essential thing is to get a good, strong vine early in the season, which may be secured by forming a large well drained hill of rich earth, avoiding the use of manure in such a way as to cause the plant to dry out under the hot sun. On this hill plant the seed as soon as the ground is warm and dry, and carefully protect the young plants from insects, and hasten their growth by the use of liquid manure.

Duke Jones (New)

—This melon is an improvement on the large varieties of melons. It is very much the same shape as the Kolb Gem, but grows to a larger size, is of delicious flavor and is a sure favorite wherever grown. Dark green rind, bright red flesh, early, prolific, very large. It has all the good qualities of a perfect melon. Try it and be convinced. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

Florida Favorite

—One of the largest and best in cultivation. It attains an enormous size, the flesh is a beautiful clear crimson, extending close up to the rind, which is hard, thin and beautifully mottled light and dark green. The flesh is crimson and melting, the flavor sweet, making it one of the very best in cultivation. Try it.

Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Phinney's Early

—Very early and of good quality; flesh deep red. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Striped Gypsy—Oblong, light green, striped with white Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Kolb Gem—Is a hybrid of Scaly Bark and Rattlesnake. The rind, though quite thin, is very tough; best keeping and shipping melon ever grown. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

The Dixie—A cross between Kolb's Gem and the Mountain Sweet; but far superior to the former, being larger, earlier and much more productive. The *Dixie* is extremely sweet, juicy and tender. As a shipping melon it is unequalled. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Green and Gold—The largest early variety in cultivation; slightly oval, dark green outside, with blotches of fawn color when ripe. Flesh yellow as gold, sweet as sugar, and of unequalled flavor. Seed white, with a pink shade around the edges. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Cuban Queen—Skin beautifully striped dark and light green, fresh bright red, solid and crisp; its great size and handsome appearance makes it a valuable market variety. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Mammoth Iron Clad—Shape most perfect, skin handsomely striped, flesh beautiful scarlet, of most delicious, rich, sugary flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Ice Cream—Medium size, oblong shape, and thin rind, flesh bright crimson, and of fine flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Scaly Bark—An excellent variety, of great value; remains in choice eating condition from ten to fifteen days after being pulled; flesh crimson, solid, tender, and of fine flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Kentucky Wonder—Oblong in shape, skin dark green, flesh a beautiful scarlet color, crisp, and not tough, rich and sugary flavor, always firm and never mealy. Attains an average weight of forty to sixty pounds. Not a *mammoth variety*, but a real good, old fashioned Kentucky melon that has no equal for quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Black Spanish—Round, very dark green, flesh scarlet, has a thin rind, and very sugary flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Mountain Sweet—Is the sweetest and most delicious of all watermelons; shape long and oval, color dark green, flesh scarlet, solid and melting, rind thin. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Mountain Sprout—A large, long shaped variety, with bright scarlet flesh. A standard variety. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.



Citron, for Preserving—Grows uniformly and smooth, striped and marbled with light green, flesh white and solid. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

The Kansas Stock Melon—Grown extensively in Western Kansas and Eastern Colorado. It belongs to the citrons and can be only used for preserves or stock food. Is immensely productive. Will keep all winter, and can be fed to stock same as turnips and beets. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

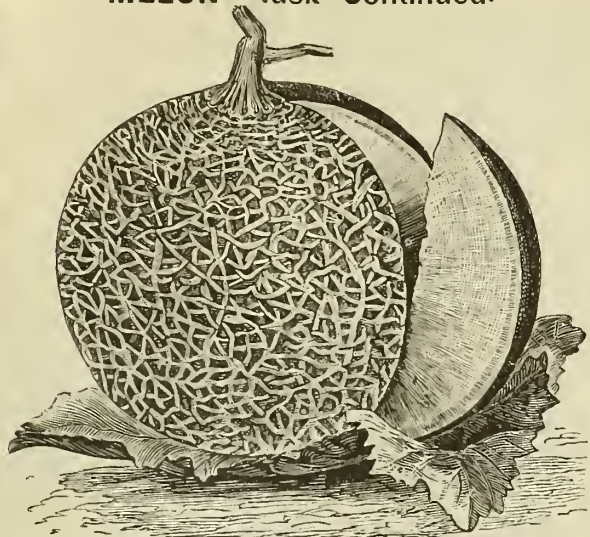


MELON—Musk.

Cultivate as recommended for cucumbers, except that the hills should be six feet apart. Rich earth for the young plants is far better than manure, but if the latter must be used, see that it is well rotted. If the plant grows very rank, more and finer fruit will be secured by pinching off the ends of the shoots when about three feet long. The quality of melons of all varieties is largely dependent upon conditions of growth and ripening. Unhealthy vines or unfavorable weather produce fruit of comparatively poor flavor.

Golden Gem—Uniform in shape and size, skin green and thickly netted, flesh of a light green color, the inside surface, when cut open, being a beautiful golden color. They are extra early in ripening, and productive. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

MELON Musk—Continued.



Columbus Musk Melon.

Columbus Musk Melon—One of the best melons for shipping as well as for home use. This is not only one of the best melons as far as size, quality, and productiveness is concerned, but it is also one of the handsomest. The melons are nearly round, densely netted, with hardly any perceptible ribs; the skin is a beautiful buff color, the flesh is green and very thick and solid, leaving only a small seed cavity; the flavor is of the very best. The melons average from ten to fifteen pounds each and are very solid, never burst, and can safely be shipped long distances. They are excellent shippers. They ripen with the Hackensack, are heavy yielders and good keepers. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

The Early Hackensack—A popular variety of large size. It is round in shape, flattened at the ends; is of most delicious flavor, and wonderfully productive. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Miller's Cream or Osage—One of the best. The flesh is of a rich salmon color very thick, sweet and melting in quality. The rind is thin and finely netted; they average about the size of Golden Gem, but of handsomer shape and appearance; vines grow strong and are very productive. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Skillman's Fine Netted—A rough, netted variety; flesh green, very thick, firm, sugary, and of the most delicious flavor. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Bay View—Fruit long and of the largest size, often weighing fifteen to seventeen pounds under high culture, deeply ribbed and covered with coarse netting; flesh green, thick, and of fine flavor. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Improved Nutmeg—Is globular shaped, flesh green and very highly scented. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Montreal—Grow to a large, uniform size. The flesh is remarkably thick, and of good flavor for so large a melon. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Surprise—Very fine melon, thick fleshed, and of excellent flavor. It is round, with a thin, cream colored rind, thickly netted; flesh of a deep salmon color. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Large Yellow Cantaleup—Good size, nearly round fruit, netted and slightly ribbed; flesh salmon colored, thick, musk-flavored. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 70c.

MUSTARD.

Mustard is not only used as a condiment, but the green leaves are used as a salad, or cut and boiled like spinach.

CULTURE—Should be the same as that of Cress



Mustard—Southern Giant.

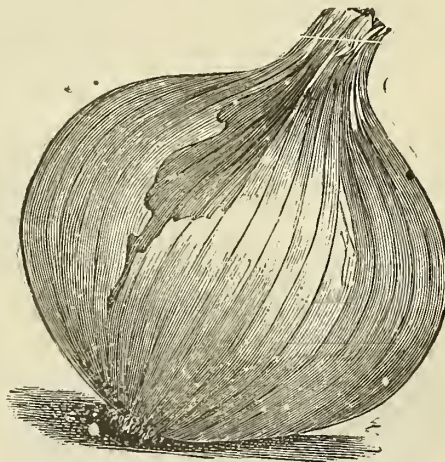
South Giant Curled—This mustard is very highly esteemed in the South, where the seed is sown in the fall and the plants used very early in the spring as a salad. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

White London—Best for salads. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

Brown—More pungent than the white. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

ONION.

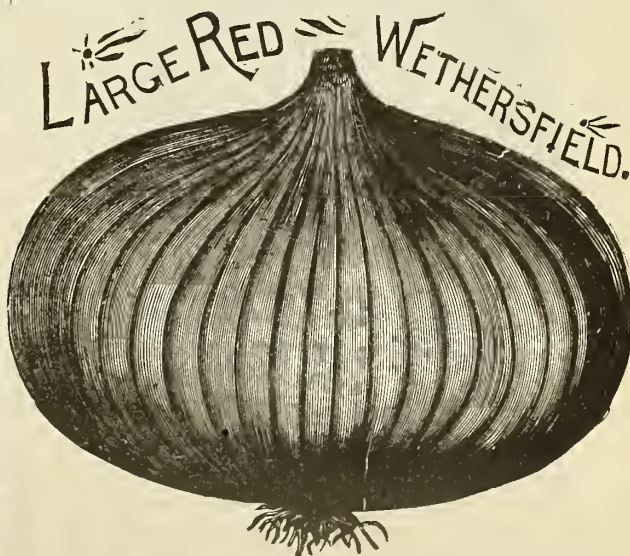
Sow in the earliest opening of the spring, in light, rich soil, in drills twelve inches apart, covering the seed lightly. If large onions are wanted, thin to three or four inches. For field culture, sow from four to six pounds of seed to the acre. Onion sets and top onions are set out in the spring or fall, in shallow drills twelve inches apart, and six inches between them, on rich and well prepared ground.



Spanish King.

Spanish King—This handsome variety is a splendid type of the Yellow Spanish Onion. The flesh is remarkably firm and of the finest quality; it is of rapid growth, and matures early. Onions grown from this seed the first year rival the imported ones from Spain. The skin is of a transparent golden straw color, handsome in shape, mild in flavor, and a good keeper. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50.

Extra Early Red—Smaller, lighter colored, and more flat shaped than the Large Red; close grained and heavy. Very productive. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.00.



Wethersfield Large Red—The variety mostly grown. Large size, approaching to round shape; fine grain, pleasant flavor, color deep red; very productive and keeps well. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.00.

ONION—Continued.

Danver's Yellow—A thick, heavy, straw colored onion, mild flavored, yields most abundantly, ripens early, and keeps equal to the best. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 30c, lb. 75c.

White Portugal—A mild, pleasant onion, grows to fair size and handsome shape, but it is hard to keep, being liable to gather moisture unless spread very thin. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

Large White Globe—A large, handsome, globe shaped onion. The skin and flesh of a beautiful clear white. The flesh is firm and very fine grained, and exceedingly mild in flavor. It is also a splendid keeper. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

ONION SETS, TOPS, ETC.

Onion Sets and Tops should be planted near the surface, in drills about twelve inches apart and four inches in the rows. They must have high culture for best results. These last are valuable for early use, and where onions from the seed cannot be raised the first year they are essential.

☞ These are the prices ruling in January; later on they may be higher, owing to shrinkage and rotting.

Winter or Perennial Onions—This variety never forms a large bulb; their value lies wholly in their *special adaptability* for producing *green onions* for spring or fall use, particularly the former, soon attaining a marketable size; *perfectly hardy*. Qt. 10c, gal. 25c, bu. \$1.50.

Top Sets—This onion produces no seed; the set produces one large onion the first year, which planted the next spring, produces the top onions. Qt. 15c, gal. 40c, bu. \$2.50.

BOTTOM SETS.

Bottom sets are raised by sowing the seed late in the spring at the rate of about thirty pounds to the acre.

Red Bottom Sets—Qt. 15c, gal. 45c, bu. \$2.50.

Yellow Bottom Sets—Qt. 15c, gal. 45c, bu. \$2.50.

White Bottom Sets—Qt. 15c, gal. 50c, bu. \$3.00.

If by mail, add 15c. per quart for postage.

OKRA.

Plant late in the spring, after the ground has become warm in hills about two and a half feet apart, and thin to three plants in a hill. Hoe often, and pull up a little, to support the stem.



Okra, White Velvet.

Dwarf Green—Early and very productive; small pods. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

White Velvet—This new Okra produces pods larger than any other. They are never prickly to the touch, and are always round and smooth. It is very productive, and will outyield any other sort. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

PARSLEY.

Soak the seed a few hours in warm water, and sow very early in the spring. Parsley seed is slow to germinate, particularly if sown late in the season, when it often fails in dry weather.

Plain—A well known variety. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Curled or Double—Dwarf and tender, and beautifully crimped and curled. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

PARSNIP.

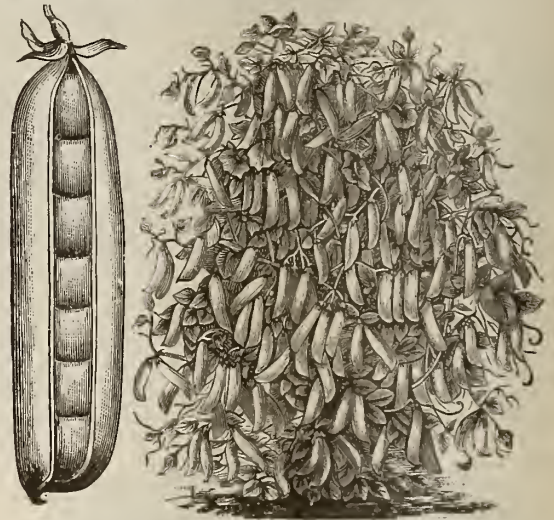
Spade the soil deep, and sow early in the spring, in fifteen inch drills; thin to eight inches apart. Keep the ground free from weeds, and the surface open by frequent stirring with the hoe.

Long Smooth—Considered the best in cultivation. Roots, long, white, smooth; free from side roots, tender and sugary, and most excellent flavored. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 35c.

PEAS.

Plant as early as the ground will admit of being worked. Drop the dwarf kinds about twenty inches, and the taller kinds about three to four feet apart, in rows, covering the seed about two inches deep. When well up, set brush along the rows, corresponding with the height of the pea cultivated.

Postage 15 cents per quart, on peas, when ordered to be sent by mail; packets free of charge.



First and Best.

First and Best—Very early, of excellent flavor, and ripens with great uniformity; height two and a half feet. Pkt. 5c., qt. 15c, gal. 50c, bu. \$3.50.

Extra Early Kent—Early, productive and one of the most popular and esteemed peas; height two and one-half feet. Pkt. 5c, qt. 15c, gal. 50c, bu. \$3.50.

American Wonder—An early and prolific dwarf pea of most exquisite flavor. Vines grow from eight to ten inches high. Pkt. 5c, qt. 25c, gal. 75c, bu. \$4.50.

McLean's Little Gem—A dwarf, green, wrinkled variety, growing one foot high; very prolific, of superior flavor, and very early. Pkt. 5c, qt. 20c, gal. 65c, bu. \$4.00.

Alaska—The earliest pea known, and 90 per cent of the pods can be gathered at the first picking. The most desirable extra early pea for market gardeners ever offered. Pkt. 5c, qt. 20c, gal. 60c, bu. \$4.00.



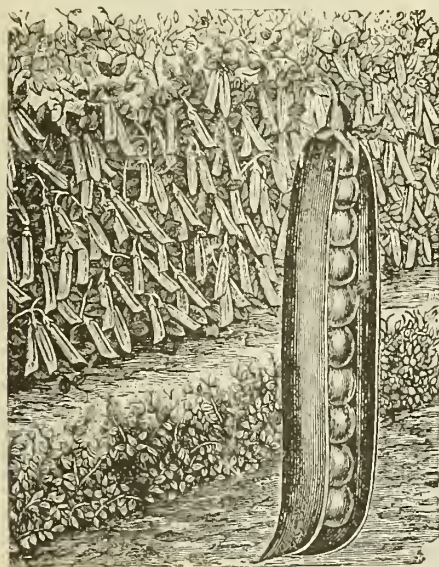
ALASKA
PEA

PEAS—Continued.

Tom Thumb—Very early and prolific, growing only ten to twelve inches high; requires no sticks. Pkt. 5c, qt. 25c, gal. 75c, bu. \$4.50.

Yorkshire Hero—Vines stout, about two feet high bearing at the top a number of broad pods filled with large peas, which keep a long time in season and never become as hard as most sorts. They are fine quality and will be preferred to any other by those who like a rich marrow-like Pea. Qt. 20c, gal. 60c, bu. \$4.00.

Bliss' Ever Bearing—A cross between the Little Gem and the Champion of England. Height of vine eighteen inches to two feet; pods, three to four inches long, well filled; pea very large and unsurpassed in sweetness and flavor. Pkt. 5c, qt. 20c, gal. 60c, bu. \$4.00.



Champion of England.

Stratagem Wrinkled—One of the finest peas grown. Height two feet. Many of the pods measure nearly five and a half inches in length, and contain as many as ten large, fine flavored wrinkled peas. Pkt. 5c, qt. 25c, gal. 65c, bu. \$4.50.

Champion of England—Of the late wrinkled varieties, probably used more generally than any other; delicious flavor and a large bearer; usually accepted as the standard; height five feet; late. Pkt. 5c, qt. 20c, gal. 50c, bu. \$3.50.

Dwarf White Marrowfat—A large, delicious, marrow pea; very prolific and a favorite with market gardeners; height two feet. Pkt. 5c, qt. 15c, gal. 40c, bu. \$2.50.

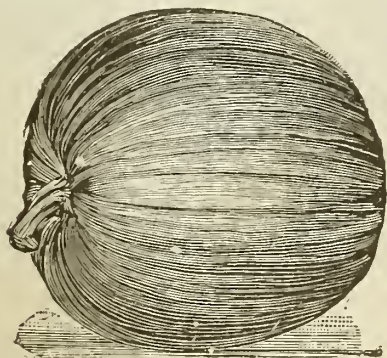
Black-Eyed Marrowfat—Excellent for garden or field growing, from three to four feet high. Pkt. 5c, qt. 15c, gal. 40c, bu. \$2.50.

Large White Marrowfat—Cultivated extensively for the summer crop. About five feet high and of strong growth. Pkt. 5c, qt. 15c, gal. 40c, bu. \$2.50.

Dwarf Gray Sugar, Edible Pods—The most desirable of all edible pod peas; early and prolific, pods broad, and contain five or six peas; one foot high. Pkt. 5c, qt. 20c, gal. 60c, bu. \$4.50.

PUMPKIN.

When warm weather has come, drop in hills ten to twelve feet apart. The pumpkin more properly belongs to the farm than to the garden, and is generally planted with corn



Connecticut Field Pumpkin.

Tennessee Sweet Potato Pumpkin—This pumpkin has no equal for making pies and custards; when cooked it has somewhat the appearance of sweet potatoes, but of more delicious taste, of medium size, pear shaped, a little ribbed, flesh thick creamy white, remarkably fine grained, dry and brittle, hardy and productive, and keeps perfectly sound until late in the spring. A general favorite wherever known. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Golden Yellow Mammoth—This truly colossal variety originated in France. Reliable growers there claim that with high culture it has frequently been grown to weigh over three hundred pounds. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Cushaw Crookneck—Flesh yellow, fine grained and sweet; good for the table. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

Large Cheese—Flat shaped and salmon colored, flesh thick, yellow, fine grained, sweet and well flavored. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

Connecticut Field—Large, productive, and best for stock feeding. Pkt. 5c, oz. 5c, ½ lb. 10c, lb. 30c.

PEPPER.

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



Ruby King.

Long Red Cayenne—A long, red, tapering variety, of dwarf growth, very hot and pungent. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50.

Ruby King—A mild flavored pepper of large size, from four to six inches long, by three and a half to four inches thick; the plant is of sturdy, bushy habit, and each produces from six to twelve large, handsome fruits; when ripe they are of a beautiful bright ruby red color, and are always remarkably mild and pleasant to the taste; unequaled by any other variety. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50.

Large Bell, or Bull Nose—A large sort, of square form, mild, thick and hard, suitable for filling with cabbage, etc. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50.

Sweet Mountain, or Mammoth—A variety of nearly the same form, but much larger than the one described. Used for pickling. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50.

Mammoth Golden Dawn—Of perfect shape, and uniformly large size, very productive, from fifteen to twenty perfect fruits on a single plant; color bright, waxy, golden yellow, flavor mild and pleasant. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50.

PIE PLANT, OR RHUBARB.

Sow in drills one foot apart, early in the spring. In the fall or next spring transplant to three feet apart. Do not pluck the stalks until the third year.

Myatt's Victoria—Very large, rich flavor, and in high estimation. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.00.

PIE PLANT ROOTS—Strong, two years old. Each 5c, per doz. 50c.

CHOICE

Seed

Potatoes

The following description is taken from BURPEE'S FARM ANNUAL for 1895.

Burpee's Extra Early Potato—Which was first introduced in 1890, has been thoroughly tested throughout America and England and has fully sustained the claims made for it from the advance trials as *Seedling No. 37*. It has proven itself from ten days to two weeks earlier than *Early Rose*, *Beauty of Hebron*, *Early Puritan*, *Polaris*, etc., while fully one week earlier than the *Early Ohio* and nearly twice as productive. The potatoes are uniformly of good size, entirely free from rough or scabby tubers with very few small ones; oblong in shape, very smooth, eyes set well on the surface, skin creamy white, slightly shaded with pink; the flesh is pure white, remarkably fine grained, and of the *very best table quality*. The tubers grow very compactly in the hill, with strong and vigorous foliage of an intensely dark green; it is a sure cropper, *immensely productive*, and will undoubtedly become the standard extra early potato of the near future. By express or freight, pkt. 40c, bu. \$1.00.

The Freeman—The great merits of this variety are its *extreme earliness and long keeping qualities*. It is also a *first class yielder*, frequently producing from six to nine pounds from a single hill. The tubers are oval in shape, russet in color, flesh very white both raw and when cooked, fine grained and of the best flavor. From the time they are as large as hen's eggs they burst open when boiled with their jackets on, and are snow white and floury. Peck 25c, bu. 75c.

Cream City—In habit of growth and general appearance it resembles the *Early Ohio*, with this decided difference, however, that while the shape is almost identical with that very popular variety, the flesh is *pure white*. The tubers grow to a large size, but are always sound and solid, showing no disposition whatever to become hollow. They are matured very early, and are of excellent quality; and not the least of its many good qualities is its remarkable productiveness. *As a keeper it is unsurpassed*. Peck 25c, bu. 75c.

Early Ohio—This is still the best standard early potato for this section of the country. Peck 20c, bu. 50c.

Mammoth Pearl—A great favorite wherever tried on account of its productiveness and handsome appearance. In shape it is oblong, skin white, eyes few and even with the surface. It ripens in August. Peck 20c, bu. 50c.

White Star—The vine is strong; the foliage is very abundant and vigorous; the tubers are produced abundantly in compact clusters; are large, oblong, of a uniform size, and very handsome. The skin is white, covered with a minute russet netting. The flesh is white, of the finest quality. Peck 20c, bu. 50c.

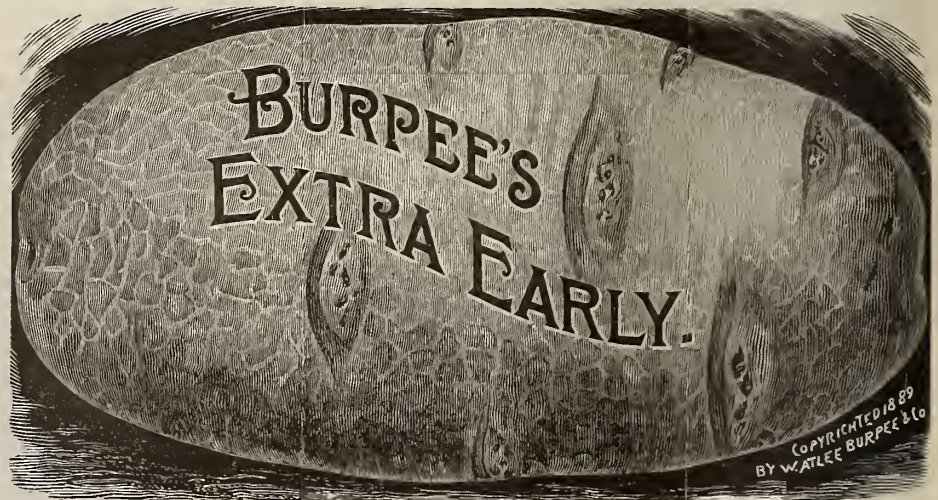
Northern Early Rose—Ours is the true stock, which is all that need be said of this truly popular variety. Peck 20c, bu. 50c.

White Peachblow—A very vigorous grower, the vines completely covering the ground. It excels the common Peachblow in quality and productiveness. An excellent keeper. Peck 20c, bu. 50c.

Rural Blush—An excellent variety, having a beautiful blush skin, while the flesh is slightly tinged with pink. It is of first rate quality, and cooks through dry and evenly. A very heavy yielder. Peck 20c, bu. 50c.

OUR POTATOES are all selected carefully, with a view to have each variety pure and true to name. Seed Potatoes can not be shipped during cold weather. All orders received before it is safe to ship will be promptly acknowledged, and the potatoes forwarded as soon as weather permits. Always state whether you want them by freight or express.

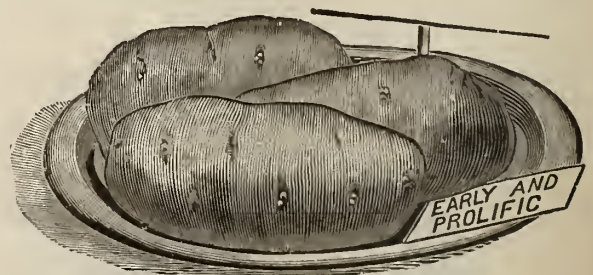
This Catalogue is printed early in January, and it is impossible at that time to say exactly what potatoes will be worth three months later; therefore, we have to quote the prices we think they will be, but if any lower at time of planting than herein quoted we will sell them lower, and assure you that we will always send you all that your money pays for. . . .



Rose Seedling—Shape oblong, color pink; very large size and a great yielder. The quality is good and is an excellent keeper. Should be planted from the first to the fifteenth of June. Peck 20c, bu. 50c.

Dakota Red—The tubers are large, handsome, long wedge shaped; flesh white, eyes few, skin firm and flesh colored; quality good. Peck 20c, bu. 50c.

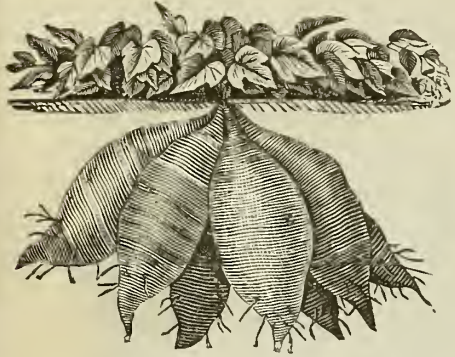
EARLY 6 WEEKS.



Early Six Weeks

Early Six Weeks—The Six Weeks is very evidently a seedling from the Ohio, which it very closely resembles in every way, but is earlier, makes rather taller stalks and appears to yield better on upland than that fine variety. It is well described as growing medium to large size; oblong to round in shape; skin light pink; flesh white; shape smooth; eyes near the surface; tubers grow close together in the hill. The potatoes grow so rapidly that, under favorable circumstances, they are fit for family use in *six weeks from time of planting*, and mature in between ten and eleven weeks. We find it a good yielder and though not so extraordinarily productive as some claim, still a *remarkably good cropper for so early a sort*. It revels in moist land. Peck 25c, bu. 75c.

SEED SWEET POTATOES.

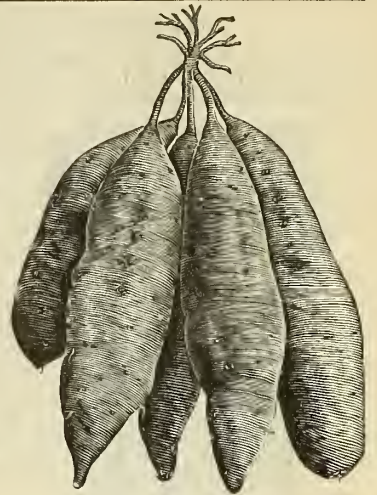


Early Red Jersey.

OUR SWEET POTATOES are all well selected for the purpose of seed, and we know they will give perfect satisfaction. We ship only in favorable weather, carefully packed, but owing to their perishable nature we can not hold ourselves responsible for their condition on arrival at destination.

Prices subject to change.

See Novelties for new variety in Sweet Potatoes.



The Bronze.

The Bronze—A new and valuable variety. The vines resemble those of the Black Spanish, the outside skin is of a bronze color, flesh white when cooked, and very sweet. In addition to its beauty and superior quality, this is the best keeper of any known variety. Peck 40c, bu. \$1.25.

Early Red Jersey—An experienced gardener and sweet potato grower has grown this new sort for several years and claims that it excels all other early varieties in earliness and productiveness. Shape, short, "chunky." Peck 40c, bu. \$1.25.

Early Red Bermuda—The earliest and most productive; color purplish red; of large size and good quality. Peck 35c, bu. \$1.00.

Golden, or Strasburg—Sometimes called White Bermuda. Color golden yellow, quality fine; very early. Peck 35c, bu. \$1.00.

Southern Queen—Similar to Strasburg; color white. They grow to a large size, and are of a good table quality. Peck 35c, bu. \$1.00.

Yellow Nansemond—A well known late variety which has become so acclimated to our climate that it is no more trouble to raise them than common potatoes. Peck 25c, bu. 75c.

Yellow Jersey—A fine late variety, somewhat later than the Nansemond, but not quite so hardy. Peck 25c, bu. 75c.

Red Spanish—Color a dark red, flesh pure white and of excellent flavor shaped like the Jersey, but grows much larger; a good keeper. Peck 40c, bu. \$1.25.

SWEET POTATO PLANTS.

See Vegetable "Roots and Plants."

RADISH.

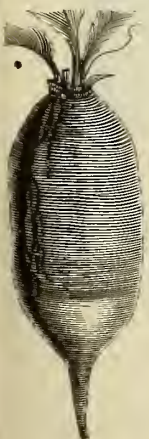
So as early in the spring as the ground can be worked, and every two weeks for succession. Sow in twelve inch drills, and thin to two or three inches apart. Their good quality depends on their rapid growth and in having plenty of room to grow.

Felton's White Box—This radish possesses all the excellent qualities of the popular Philadelphia White Box, and is superior in many respects. The shape is round and handsome, leaves are few and short, hence it can be sown more thickly than any other variety. The flesh is solid and unsurpassed in flavor. Pkt. 5c, oz. 10c, ¼lb. 20c, lb. 60c.

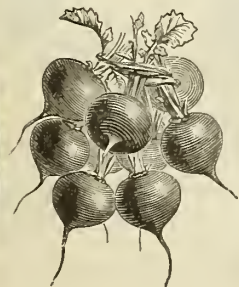
Rosy Gem—This radish has won golden opinions in all sections of the country; it is the earliest radish in cultivation. Their shape is globular, with deep rich scarlet top, blending into pure white at the bottom; tender, crisp, and delicious, never becoming pithy or hollow. Very desirable for the market gardener. Pkt. 5c, oz. 10c, ¼lb. 20c, lb. 60c.

Early Scarlet Turnip—Small, round turnip shaped, with a small top; of very quick growth, mild, and crisp. Pkt. 5c, oz. 10c, ¼lb. 20c, lb. 50c.

Early Short Top Long Scarlet—The standard sort; has a bright scarlet root and small top; grows quick; very brittle. Pkt. 5c, oz. 10c, ¼lb. 20c, lb. 50c.



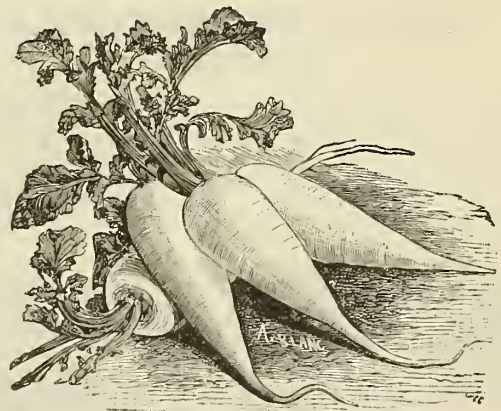
French Breakfast.



Early Scarlet Turnip.



Long Scarlet.



White Strasburg.

White Strasburg—Though not a new variety, it is one that should be largely grown. The roots are oblong, of a pure white color, very brittle, and of a mild flavor. For summer and fall use this sort will be found very desirable. Pkt. 5c, oz. 10c, ¼lb. 20c, lb. 50c.

French Breakfast—Medium size, olive shaped, small top, of quick growth; crisp and tender, of a beautiful scarlet color except near the root which is pure white. Pkt. 5c, oz. 10c, ¼lb. 20c, lb. 50c.

RADISH—Continued.

Long White Vienna—Lady Finger—This is the finest long white radish; beautiful in shape; skin and flesh are pure snow white; crisp, and of rapid growth. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

*Chartier.**Black Spanish.*

Chartier, or Shepherd Radish—Of American origin, and claimed to be the best variety for all purposes in cultivation, having no equal in size, shape and quality; as early as the earliest; remains tender and crisp from four to six weeks after they are ready for use; grows to an immense size, deep pink in color at the top, shading to a pure white at the tip. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

White Turnip—Like the scarlet in shape, pure white. It is later, and will bear the heat longer without becoming spongy. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

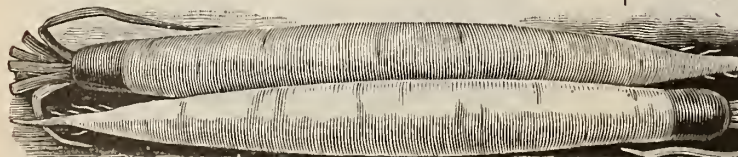
Yellow Turnip—An oblong, turnip shaped and russet colored sort, growing to a large size, with pretty large top. The best to stand the heat and drought of summer. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Black Fall, or Spanish—An oblong black radish, of large size and firm texture, with dark green leaves. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Rose Colored China Winter—Becoming very popular with our market gardeners. Shape half lonk, pink color, and flesh as solid as an apple; keeps well. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

SALSIFY, OR VEGETABLE OYSTER.

It succeeds best in a light, well enriched soil, which should be stirred to a good depth. If it is necessary to use manure, it should be very fine and well rotted, for if it is fresh and coarse, the roots will grow irregular and ill shaped. Sow early and quite deep, giving the general culture recommended for parsnip. The roots are perfectly hardy and may remain out all winter, but should be dug early in spring, as they deteriorate rapidly after growth commences. Store a quantity for winter use in a pit or in a cellar in damp earth or sand.

*Salsify, or Vegetable Oyster.*

Large White—The old sort; roots medium size, smooth; flesh white. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

Mammoth Sandwich Island—This is in every way superior to the old sort, being larger, stronger growing, and less liable to branch. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.00.

SPINACH.

Should be planted in very rich ground, the richer the better. Sow in drills one foot apart, and commence thinning out the plants when the leaves are an inch wide. All should be cut before hot weather, or it will be tough and stringy. For early spring use the seed should be sown early in autumn. In the North the plants will require a slight protection of leaves or straw, but in the Southern States no protection is necessary, and they will continue their growth most of the winter.

New Zealand—New. See novelties.

*Spinach, Savoy Leaved.*

Thick Leaved—The main market sort; equally good for spring and fall sowing; leaves large, thick and fleshy. Pkt. 5c, oz. 5c, $\frac{1}{4}$ lb. 15c, lb. 35c.

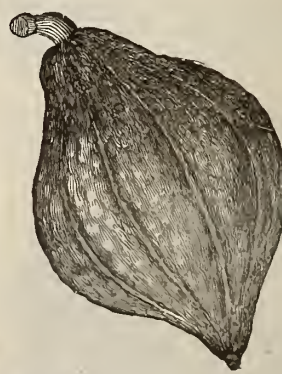
Savoy Leaved—A valuable variety. The leaf is wrinkled in some way peculiar to the Savoy Cabbage. Hardy and very productive. Pkt. 5c, oz. 5c, $\frac{1}{4}$ lb. 15c, lb. 35c.

Long Standing—Decidedly the best variety for spring sowing, as it stands fully two weeks longer than any other sort before running to seed. Pkt. 5c, oz. 5c, $\frac{1}{4}$ lb. 15c, lb. 35c.

Prickly or Fall—Triangular, arrow shaped leaves; one of the hardiest and most generally used for fall planting. Pkt. 5c, oz. 5c, $\frac{1}{4}$ lb. 15c, lb. 35c.

SQUASH.

The plants are very tender and sensitive to cold, and planting must be delayed until settled warm weather. The general principles of culture are the same as those given for cucumbers and melons, but the plants are less particular as to soil. The summer varieties should be planted four feet apart each way, and the winter sorts eight feet. Three plants are sufficient for a hill. Care should be taken not to break the stems from the squashes intended for winter use, as the slightest injury will increase the liability to decay.

*Hubbard.**Summer Crookneck.*

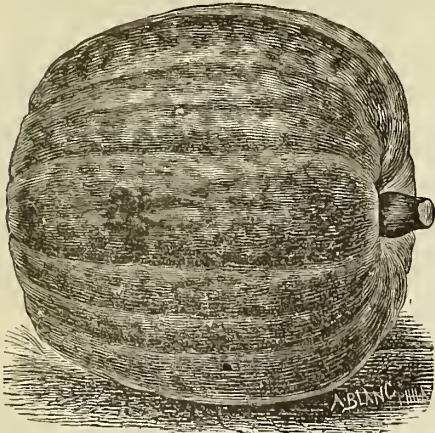
Early Summer Crookneck—Very early; one of the best for summer use; color yellow, shell very hard when ripe. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Hubbard—The best table squash yet known. It has a hard shell, flesh fine grained, dry, and of excellent flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

White Bush or Patty Pan—An early, flat, scalloped variety; pure white; a favorite early sort. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Marblehead—Shell of more flinty hardness than the Hubbard. The flesh of a rather lighter color. Its yield and keeping properties are said to surpass that famous variety. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

SQUASH—Continued.



Mammoth Chili.

Yellow Bush Scalloped—Like the White Bush in shape; deep orange color. Pkt. 5c, oz. 10c, ¼lb. 20c, lb. 50c.

Perfect Gem—Fruit nearly round, from four to six inches in diameter, with thin, smooth shell, slightly ribbed. We think it the best intermediate kind. Pkt. 5c, oz. 10c, ¼lb. 20c, lb. 50c.

Sibley (Pike's Peak)—A splendid variety, ripening at the same time as the Hubbard; outside shell pale green; flesh bright orange. Pkt. 5c, oz. 10c, ¼lb. 20c, lb. 50c.

Boston Marrow—A fall and winter variety; oval form, pointed, thin rind, fine grain, salmon colored flesh, remarkably sweet and delicious. Pkt. 5c, oz. 10c, ¼lb. 20c, lb. 50c.

Essex Hybrid Turban—A valuable fall and winter variety; very prolific, fine grained, yellow flesh, very sweet, dry, and very desirable. Pkt. 5c, oz. 10c, ¼lb. 20c, lb. 50c.

Mammoth Chili—The "Jumbo" of all squashes, attaining the enormous weight of 150 pounds, skin quite smooth, of orange yellow color, flesh thick; most profitable to grow for stock. Pkt. 5c, oz. 10c, ¼lb. 20c, lb. 60c.

TOMATO.



Tomatoes do best on light, warm, not over rich soil, and success depends upon securing a rapid, vigorous, unchecked growth during the early part of the season. Sow in hot-beds from six to eight weeks before they can be set out of doors, which is when danger from frost is past; when the plants have four leaves, transplant into shallow boxes or cold frames, setting them four or five inches apart; give plenty of air and endeavor to secure a vigorous but steady and healthy growth, so that at the time of setting in the open ground they will be strong and stocky. A slight check while the plants are small will materially diminish their productiveness. Set out doors as soon as danger from frost is over, but before doing so harden off the plants by gradually exposing them to the night air and by the withdrawal of water until the wood becomes hard and the leaves thick and of a dark green color.

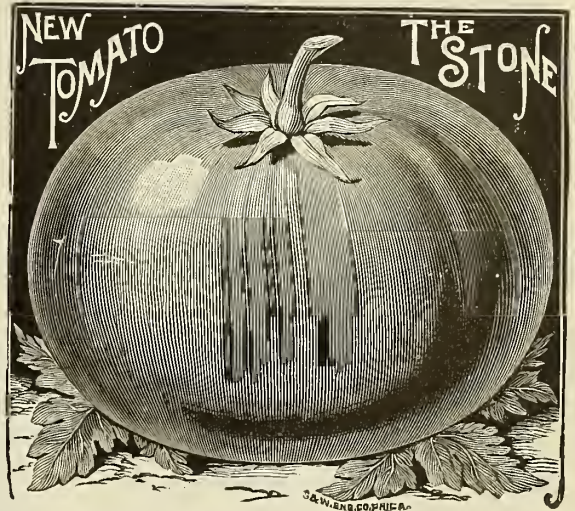
The Peach Tomato—The fruit resembles the peach in shape, and the resemblance is heightened not only by its peculiar delicate bloom, but also by its distinct suffused coloring and faint stripes from stem to blossom end. The tomatoes are two inches in diameter; in color are a deep rose and golden amber; all covered with delicate bloom, like the blossom or furze of a fine peach. For eating out of the hand as fruit it is without a rival, the very solid, rich, meaty flesh being unequalled in delicacy of flavor, and melting in the mouth like a grape. Very productive, the fruits being borne in clusters of from four to eight; it is most excellent for preserves. Pkt. 10c, oz. 25c, ¼lb. 75c, lb. \$2.50.

New Stone Tomato—The New Stone Tomato ripens for main crop; is very large and of a bright scarlet color, very smooth, with occasionally a specimen very slightly octagon-shaped, ripening evenly to the stem without a crack; exceedingly solid and firm fleshed; not subject to rot. Pkt. 5c, oz. 20c, ¼lb. 50c, lb. \$1.50.

Extra Early Red—Long cultivated as the earliest variety; desirable only before others mature. Pkt. 5c, oz. 20c, ¼lb. 50c, lb. \$1.50.

Acme—One of the earliest, and a very handsome variety. Pkt. 5c, oz. 20c, ¼lb. 50c, lb. \$1.50.

Livingston's Beauty—Extra early, growing in clusters of four or five, very bright glossy crimson, solid, retains its color and size until late in the season. Pkt. 5c, oz. 20c, ¼lb. 50c, lb. \$1.50.



Livingston's Favorite—Large and very early, color blood red, perfectly smooth, has few seeds, excellent for canning. Pkt. 5c, oz. 20c, ¼lb. 50c, lb. \$1.50.

Paragon—An excellent variety; color a bright glossy crimson; large, and of an extremely fine flavor; for table use or canning it has no superior. Pkt. 5c, oz. 20c, ¼lb. 50c, lb. \$1.50.

Trophy—Large, smooth, very solid, and of fine quality. Pkt. 5c, oz. 20c, ¼lb. 50c, lb. \$1.50.

Dwarf Champion—Its habit of growth is peculiar, for not only is it dwarf and compact, but the stem being thick, stiff, and short jointed, it is actually self-supporting when laden with fruit. In productiveness it is unsurpassed. It is also very early. The fruit is of a purplish pink color, always smooth, and symmetrical, and the flesh solid and of fine quality. Can almost be called a tree tomato. The best variety to grow for plants for sale as they are so stocky. Pkt. 5c, oz. 20c, ¼lb. 65c, lb. \$2.00.

Upright or Tree—A French variety, standing up like a tree without support of any kind; bears abundantly; fruit large, smooth shape, bright red color, and fine flavor; very ornamental as well as useful. Pkt. 5c, oz. 20c, ¼lb. 65c, lb. \$2.00.

Pear Shaped Yellow—Very fine for preserving and pickling; color a golden yellow. Pkt. 5c, oz. 20c, ¼lb. 65c, lb. \$2.00.

Pear Shaped Red—Same as above, excepting color. Pkt. 5c, oz. 20c, ¼lb. 65c, lb. \$2.00.

TURNIP.

The spring crop should be got in early, to bring them forward in advance of hot weather. Keep them clean of weeds. For winter use sow in August, at the rate of one pound of seed to the acre.



Early White Flat Dutch, or Spring—Medium size, of quick growth, juicy, and of excellent quality; may be used either spring or fall. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

Early Purple Top Munich—A German variety, remarkably handsome; very early, with a bright purplish red top, and a fine mouse-tail root; very distinct and valuable. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

White Top Strap Leaved—A standard variety of the flat turnip; good marketable size, pure white, small top with but few strap shaped leaves. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

White Egg—A quick growing fall turnip, oval or egg shaped; flesh very firm and fine grained. An excellent table turnip. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

Large Yellow Globe—Large, handsome; globular shaped; smooth, with rather small leaves; valuable for the table use or stock. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

Large White Globe—A fine, large white sort, particularly desirable and valuable for a field crop. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

Long White, or Cow Horn—Flesh white, fine grained and sweet, used most in stock feeding. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

Red or Purple Top, Strap Leaved—Has the form and character of the White Top Strap Leaf, except in color. Best for fall sowing; flesh fine grained and rich buttery flavored. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

Purple Top White Globe—A variety of the purple top flat turnip, from which it originated. It is globular in form, of beautiful appearance, excellent quality, and equally desirable for table or stock. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

RUTABAGA OR SWEDE TURNIP.

American Yellow Purple Top—Hardy and productive; flesh yellow, solid sweet and fine flavored; good for stock or table use. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

Skirving's Purple Top—A superior variety; hardy and productive; flesh yellow, of solid texture, large size. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

Sweet German—White, solid, and fine flavor. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

TOBACCO.

The seed should be sown as soon as possible after the danger of frosts is over; a good plan is to burn a quantity of brush and rubbish in the spring, on the ground intended for the seed bed, then dig and thoroughly pulverize the earth and mix with ashes, after which the seed may be sown and covered very lightly. When the plants are about six inches high, transplant into rows six feet apart each way, and cultivate thoroughly.

White Burly—Largely used for the manufacture of cigars, plug and fine cut tobacco, as the leaf of this variety readily absorbs a large quantity of manufacturing material. Pkt. 5c, oz. 20c, ¼ lb. 65c, lb. \$2.00.

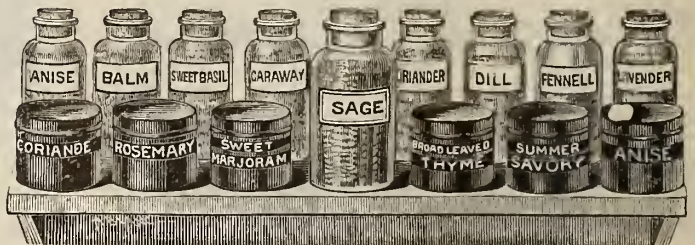
Havana—The Havana type is now considered the very best and rare prices are paid for grown crops. Pkt. 5c, oz. 2c, ¼ lb. 65c, lb. \$2.00.

Connecticut Seed Leaf—Best adapted to the climate of the Middle and Northern States, as it is more hardy and endures the cold better than the tender varieties grown South. Pkt. 5c, oz. 2c, ¼ lb. 65c, lb. \$2.00.

SWEET AND AROMATIC HERBS.

Anise (*Pimpinella anisum*)—Biennial. Pkt. 5c.
Balm (*Melissa officinalis*)—Perennial. Pkt. 5c.
Basil, Sweet (*Ocimum basilicum*)—Annual. Pkt. 5c.
Caraway (*Carum carui*)—Perennial. Pkt. 5c.
Coriander (*Coriandrum sativum*)—Annual. Pkt. 5c.
Dill (*Anethum graveolens*)—Biennial. Pkt. 5c.
Fennel (*Anethum foniculum*)—Perennial. Pkt. 5c.
Lavender (*Lavendula spica*)—Perennial. Pkt. 5c.
Marjoram, Sweet (*Origanum marjorana*)—Annual Pkt 5c.
Rosemary (*Rosmarinus officinalis*)—Perennial. Pkt. 5c.
Summer Savory (*Satureia hortensis*)—Annual. Pkt. 5c.
Sage (*Salvia officinalis*)—Annual. Pkt. 5c.
Thyme, Broad leaved (*Thymus vulgaris*)—Perennial. Pkt. 5c.

Most of the varieties thrive best on rich, sandy soil, which should be carefully prepared and well cultivated, as the young plants are for the most part delicate and easily choked out by weeds. Sow as early as the ground can be made ready, in drills sixteen to eighteen inches apart. Most of them should be cut when in bloom, wilt in the sun and thoroughly dry in the shade.

**VEGETABLE ROOTS AND PLANTS.**

Artichoke (*Jerusalem*)—A well known vegetable produced from tubers resembling potatoes; it makes an excellent food for stock. They are planted like potatoes, and as early as the ground will admit. Peck 40c, bu. \$1.25.

Asparagus Roots—Two years old. Per 100, \$1.00.

Chives—For flavoring soups, salads, etc. Per clump 5c, per doz. 50c.

Horse Radish Roots—Per doz. 20c, per 100, \$1.00

Pie Plant Roots—Each 5c, per doz. 50c.

Cabbage (*Early*)—Early Wakefield, Early Summer, and Early Winningstadt. Per 100, 40c, per 1000, \$3.00.

Cabbage (*Late*)—Premium, Flat Dutch, and Drumhead. Per 100, 40c, per 1000, \$3.00. Drumhead savoy and Red Dutch, per 100, 40c, per 1000, \$3.00.

Cauliflower—Dwarf Erfurt. Per 100, 75c; Snowball, per 100, 75c



Kohl Rabi.

Kohl Rabi—Per 100, 50c.

Leek—Per 100, 75c.

Tomatoes Acme, New Stone, and Beauty. Per 100, 40c, per 1000, \$3.00.

Sweet Potato—Early Red Bermuda, Golden, Red Spanish, Yellow Jersey, Yellow Nansemond. Per 100, 40c, per 1000, \$3.00.

The Bronze and Early Red Jersey, per 100, 50c, per 1000, \$4.00.

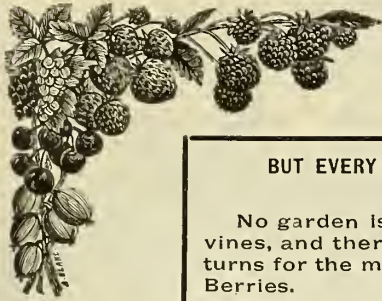
Celery—Boston Market, and White Solid. Per 100, 75c, per 1000, \$6.00. Good strong transplanted plants.

Egg Plants—Improved New York Purple. Each 5c, per doz. 50c. Grown in 2½ inch flower pots.

Pepper—Ruby King. Each 5c, per doz. 50c.

Golden Dawn. Each 5c, per doz. 50c.

GRAPE VINES AND SMALL FRUITS.

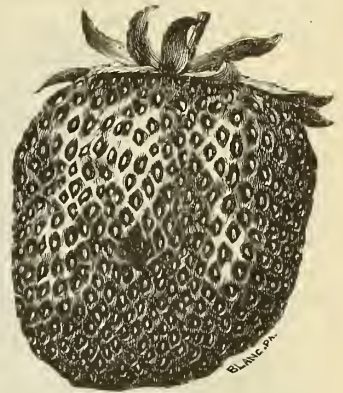


WE DO NOT OFFER

... A Large Assortment ...

BUT EVERY VARIETY ON OUR LIST HAS BEEN TESTED
AND PROVED A SUCCESS.

No garden is complete without shrubbery and grape vines, and there is nothing which will bring better returns for the money and labor invested than Grapes and Berries.



HARDY GRAPES.

STRONG TWO-YEAR-OLD PLANTS.

Concord—Popular; one of the most profitable and productive of all hardy grapes; bunch and berry large, black, juicy and sweet; early and hardy. 5c each, 50c per doz., \$3.00 per 100.

Elvira—This is the hardiest, finest, sweetest, and most prolific white. 10c each, \$1.00 per doz.

Cæthe—A strong, healthy vine, producing large crops of beautiful bunches; berries very large, pale red; flesh tender and melting; ripens late. 10c each, \$1.00 per doz.

Moore's Early—Bunch large, berry large, round, with heavy blue bloom; vine exceedingly hardy, entirely exempt from mildew or disease. Its earliness makes it desirable for an early market; its hardiness particularly adapts it to Canada and northern portions of the United States; succeeds admirably in the South.

One year, 15c; two years, 25c.

Worden—A splendid large grape of the Concord type, but earlier, larger in bunch and berry, and of decidedly better quality; vine hardier than that old stand-by, and in every way as healthy.

One year, 15c; two years, 25c.

CURRENTS.

This fruit comes partly with the Raspberry, but follows it several weeks. Indeed, none of the small fruits remain so long on the bushes without injury as the Currant.

The Crandall Currant (*New*)—A wonder of productiveness, the berries ranging in size from Delaware to Concord Grapes. No other small fruit approaches it in productiveness. It is absolutely proof against the currant worm and other insect enemies. Although it is bluish black in color, it has no relation to, neither has it a trace of the odor of, the European Black Currant. It is a "Native American." 15c each, \$1.50 per doz.

Red Dutch—An old variety. 10c each, \$1.00 per doz.

White Grape—Very fine. 10c each, \$1.00 per doz.

GOOSEBERRIES.

Plant three to four feet each way, manure well, and after fruit is gathered prune out all old wood.

Downing—Very large, handsome, pale green, and of splendid quality for both cooking and table use; bush a vigorous grower, and usually free from mildew. 10c each, \$1.00 per doz.

Houghton Seedling—Small to medium, roundish oval, pale red, sweet, tender, very good, plants spreading. 10c each, \$1.00 per doz.

Industry—The best English gooseberry yet introduced; of vigorous, upright growth, and a greater cropper than any known variety; berries of the largest size, one and one-half inches in diameter; and of most excellent flavor, both pleasant and rich; color, when fully ripe, dark red. 10c each, \$1.00 per doz.

BLACKBERRIES.

Should be planted in rows six to seven feet apart, three to five feet in the rows.

Early Harvest—The berry is of fair size, of good quality, early and hardy. 5c each, 50c per doz.

Snyder—Berries medium, of excellent quality and hardy. 5c each, 50c per doz.

Taylor—One of the largest blackberries grown. Fruit of the best quality, melting and without core, and very productive. 5c each, 50c per doz.

RASPBERRIES.

The Raspberry should be planted in good rich soil, in rows five feet apart and three feet apart in the rows.

Cuthbert—A remarkably strong, hardy variety, stands the northern and southern summers equal to any. Berries very large, measuring three inches around, conical, rich crimson. 5c each, 50c per doz.

Gregg—Black, of strong, vigorous growth, and under good culture very productive; berries large. 5c each, 50c per doz.

Hopkins—Black. This variety is grown more for the Western market than any other. 5c each, 50c per doz.

Kansas—Originated at Lawrence, Kansas. It is healthy, vigorous, and not subject to leaf blight; produces strong, healthy tips; fruit large, as fine a berry as Gregg and equally as good a shipper; ripens just after the Souhegau; very prolific. 10c. each, \$1.50 per doz.

STRAWBERRIES.

Plant for field culture in rows four feet apart, one foot in the row. Mulch heavily in the fall, and renew every two years. Do not let plants bear the first year.

Bubach—Fruit large, uniform, and of excellent quality.

Crescent—Medium size, very productive, good quality.

Captain Jack—A vigorous grower, berries large, handsome, and solid.

Haverland—Long, conical berry, bright red, very productive and of good quality.

Jessie—Large size, handsome form, good color, and fine quality.

Parker's Early—Medium to late; berries large, firm, good quality; a vigorous grower.

Mitchell's Early—The earliest of the reliable berries; size medium, shape and color handsome, fine flavor.

75c per 100, \$5.00 per 1000.

Fruit Trees ..Other Nursery Stock..

As we have dealings with most of the nursery-men in this vicinity

We can supply you with anything you may want in this line.

Let us know your wants and we will quote you prices.

We are sure we can save you money on large orders.



A COLLECTION OF
Choice
Flower . Seeds

Nine-tenths of the failures in flower culture come from improper treatment of the seeds and young plants. Cultural directions are given on nearly all our packets, and we urge every purchaser to study them carefully.

For	\$1.00....	}	..YOU MAY..	{	... \$1.25
	\$2.00 ...				... \$2.50
	\$3.00 ...				... \$3.75
	\$4.00 ...				... \$5.00
			SELECT SEEDS IN PACKETS		
			AMOUNTING TO		

We want to call special attention to our strains of "Asters," "Pansies," and "Sweet Peas." Having paid particular attention to these for years, we know that we now have the cream of those popular varieties.

ACROCLINIUM.

Everlasting flowers. Used for winter bouquets. Hardy annual. Mixed colors. Pkt. 5c.

ADONIS.

A hardy annual with bright scarlet flowers and fine graceful foliage. Grows well in the shade or under trees. In bloom from July until frost. Pkt. 5c.

ACERATUM.

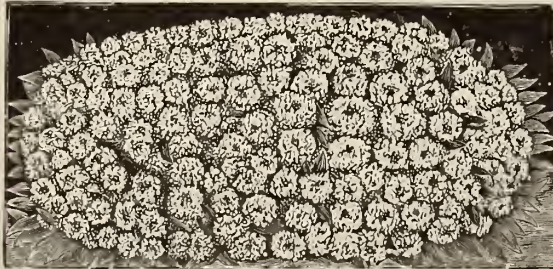
Blooms constantly all summer in the garden, and if removed to the greenhouse, all winter. Desirable for cut flowers for bouquets. Colors light blue and pure white. Start the seeds under glass and transplant. Hardy annual.

Mexicanum—Light blue. Pkt. 5c.

Imperial Dwarf—White. Fine mixed. Pkt. 5c.

ALYSSUM, SWEET.

A favorite flower for bouquets. White, very fragrant, and producing a succession of bloom through the summer. Hardy annual. Pkt. 5c.



Alyssum.

AMARANTHUS.

Useful in many situations, as the background of a flower border, or for making an ornamental hedge, or a bed on the lawn. Hardy annual.

Caudatus—(*Love-Lies-Bleeding*)—Long drooping "chains" of flowers. Very pretty for decorating. Pkt. 5c.

Tricolor—Foliage plant; in perfection first season. Pkt. 5c.

Prince's Feather—Flowering somewhat similar to Amaranthus Caudatus, but in erect masses. Pkt. 5c.

Melanchollous Ruber—Blood red foliage plant. Pkt. 5c.

ANACALLIS.

A fine trailing plant, very valuable for bedding purposes. Hardy annual. Fine colors, mixed. Pkt. 5c.

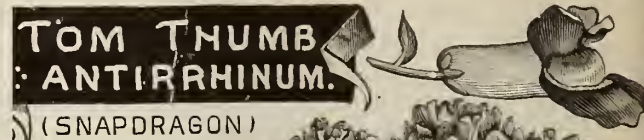
ANTIRRHINUM, OR SNAP-DRAGON.

Handsome free flowering border plants, with flowers of interesting form, striped and spotted in many rich colors.

Tom Thumb—Mixed colors, beautifully spotted, 1 ft. 5c.

ASPERULA.

A flower finely adapted to bouquets by reason of its shape, size and delicate color; a light blue or lavender. Half hardy annual. Pkt. 5c.



(SNAPDRAGON)



ASTERS.

The aster is so well known and so universally admired that it hardly needs any description. For summer and autumn flowering they are unexcelled by any class of plants known to garden culture. None furnish a wider range of colors or more perfect flowers and but few are easier grown.

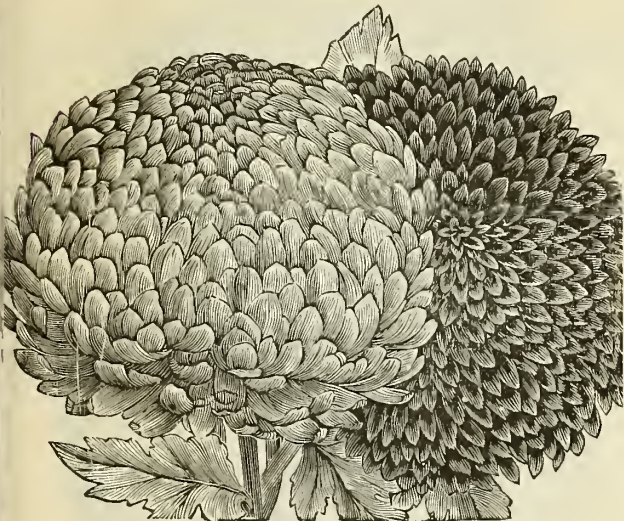
Boltz's New Dwarf Bouquet Aster—Height 8 inches. In 15 fine colors: Carmine, carmine and White, rose, dark crimson, copper rose and white, white with red center, dark blue and white, dark blue, white, light violet with white center, white turning to rose, indigo blue with white center. Pkt. 10c.

Dwarf German Aster—Height 6-8 inches. In 20 splendid colors. White, white and carmine, dark lilac, light carmine, light blue, violet, carmine, dark rose, violet and white, light red and white, peach blossom, copper brown, blood red, crimson, light lilac and white, cinnabar carmine. Pkt. 10c.

ASTERS—Continued.

New Dwarf Victoria Aster—Height 8–10 inches. In 11 very splendid colors. White, rose and white, violet, lilac red, light blue, light blue and white, copper carmine, flesh color, rose, crimson. Pkt. 10c.

New Large-Flowered Rose Aster—Height 1¼–1½ feet. In 14 splendid colors. Carmine rose, carmine rose and white, dark violet, crimson, snow white, dark rose, light rose turning to white, violet and white, light blue, dark scarlet, peach blossom, flesh color, red lilac, fiery scarlet. Pkt. 10c.



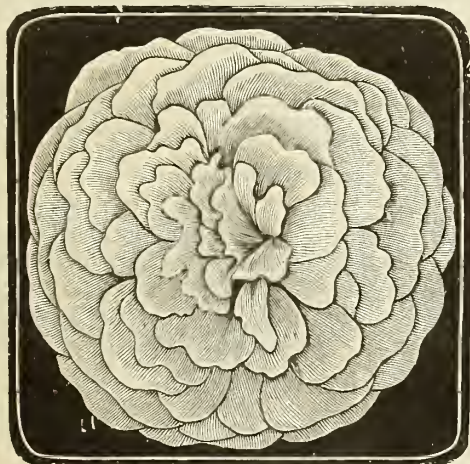
Aster.

Improved Large-Flowering Peony Perfection Aster—Height 1½ feet. In 23 finest colors. Crimson, crimson and white, dark blue, carmine rose and white, dark crimson, light blue, light blue and white, light carmine, light carmine and white, purple violet, purple violet and white, rose, rose and white, silver white, violet and white, scarlet, scarlet and white, lilac, dark rose white tipped, red violet and white, flesh color, dark violet. Pkt. 10c.

Cocardeau or Crown Peony Aster—Height 2 feet. In 8 fine colors. Brown violet, dark blue, red lilac, dark red, light blue, red violet, copper rose, rose. Pkt. 10c.

BALSAM.

One of the most beautiful and popular half-hardy annuals. It is an old favorite, but so much improved in late years that it scarcely bears a resemblance to the old flower.



Balsam Pure White.

Double White—Very desirable, and largely used by florists. Pkt. 10c.

Carnation—Double striped like the Carnation. Pkt. 5c.

Camellia Flowered—Very double and one of the finest. Mixed colors. Pkt. 5c.

French—Fine colors. Mixed. Pkt. 5c.

BACHELOR'S BUTTON.

Showy hardy annual of easy culture, flowering freely, with a great variety of colors. Pkt. 5c.

BARTONIA.

A showy, half hardy annual, with bright yellow flowers. Will not bear transplanting. Pkt. 5c.

BALLOON VINE.

The flowers are insignificant, but the plant is a rapid and graceful climber. Tender annual; grows six feet high. Pkt. 5c.

CACALIA.

A beautiful half hardy annual, bearing small tassel-like flowers, often called Flora's paint brush. Mixed colors. Pkt. 5c.

CALLIOPSIS.

A very showy border plant, producing flowers of nearly every shade of color; hardy annual. Finest mixed. Pkt. 5c.

CALENDULA.

The old and well known Marigold, which every one knows. Hardy annual.

New Meteor—Large, double flowers, resembling in size and form the finest Aster. Pkt. 5c.

CANNA.

Stately perennial and highly ornamental plants; will bloom first season if sown early in hot bed. Fine mixed colors. Pkt. 5c.



Bachelor's Button.

CANARY BIRD FLOWER.

One of the best climbing plants, with a graceful foliage and small yellow flowers. Half hardy annual. Pkt. 5c.

CANTERBURY BELLS.

Hardy biennials; very attractive border plants. Mixed colors. Pkt. 5c.

CANDYTUFT.

A hardy annual, of easy culture, and well known.

White—Sweet scented. Pkt. 5c.

Fine Mixed—Pkt. 5c.

Snow Queen—A new variety. Pkt. 5c.

CATCHFLY (Silene).

Free flowering annuals, small flowers, white red or rose. Mixed colors. Pkt. 5c.

CENTRANTHUS.

A hardy annual, free flowering and compact; very effective in beds or as an edging. Mixed colors. Pkt. 5c.

CELOSIA (Cockscomb).

Half hardy annuals, very showy, succeeds best when started in the house or hot-bed.



Cristata—Crimson dwarf. Pkt. 5c.

New Fringed Japan—Veary beautiful variety. Pkt. 5c.

Feathered—Bright crimson in color. Pkt. 5c.

CLARKIA.

A showy, hardy annual, flowering freely, but suffer in dry, hot weather. Double varieties mixed. Pkt. 5c.

CONVOLVULUS (Morning Glory).

Well known climber. Mixed colors. Pkt. 5c.

CYPRESS VINE.

A beautiful and popular climbing plant; half hardy annual. Mixed colors. Pkt. 5c.

COSMOS.

A magnificent race of plants growing about four feet high, and in fall literally covered with graceful flowers resembling single dahlias, but better for cutting. About two inches in diameter; rose, purple, flesh color, and pure white. As a cut flower for vases or personal wear, its grace and beauty is unequalled. Easily raised from seed. If sown early, blooms the first season. All colors mixed. Pkt. 10c.



Cosmos Hybridus.

DAISY.

Everyone knows the pretty daisy. Hardy perennial, will bloom the first season if sown early.

Mixed Double Varieties—Pkt. 5c.

Longfellow—A new variety, with fine, large rose colored flowers. Pkt. 10c.

DIANTHUS—Pink.

Among the most brilliant of our garden flowers. Hardy perennial.

Double Imperial Pink—Mixed colors. Pkt. 5c.

ESCHSCHOLTZIA.

Hardy annuals, with flowers of rich and beautiful colors. **California**—Bright yellow, darker in center. Pkt. 5c.

FOUR O'CLOCK (Marvel of Peru).

A handsome plant, making an attractive display with its many colored flowers. The same plant will produce flowers of different colors. Half hardy annual. Mixed colors. Pkt. 5c.

FOXGLOVE.

Showy and useful plants for the border. Flowers borne in tall spikes, bell or thimble shaped. Hardy perennial. All colors mixed. Pkt. 5c.

GILIA.

Dwarf, hardy annual, pretty in masses, good for cutting. Fine mixed. Pkt. 5c.

COURDS.

A great variety of curiously formed and marked fruit. The vines are of rapid growth. It is adapted for covering screens, arbors, etc. Tender annuals.



Nest Egg Gourd.

Small Ornamental Sorts—Pkt. 5c.

Nest Egg—Pkt. 5c.

Dipper—Pkt. 5c.

CODETIA.

Very attractive, free flowering, hardy annual, deserving the most extensive cultivation.

Lady Albemarle—A beautiful new variety, with a profusion of rich carmine crimson flowers. Pkt. 5c.

COMPHRENA.

Globe Amaranth—An excellent everlasting, or immortelle. Flowers globe shaped. Retain their shape and color when dried. Hardy annual. Mixed colors. Pkt. 5c.

HIBISCUS.

A showy, hardy annual. Flower cream color, with rich, brown center. Pkt. 5c.

HOLLYHOCK.

A hardy perennial that is becoming a great favorite. Fine double mixed. Pkt. 10c.

HELIOTROPE.

A well known and popular greenhouse plant, and good for pot culture in the winter. Flowers purple. Pkt. 10c.

HYACINTH BEAN.

A splendid climber, with clustered spikes of purple and white flowers, which are followed by ornamental seed pods. Is of rapid growth. Hardy biennial. Pkt. 5c.

LARKSPUR.

Well known. A fine variety of colors; shades of blue, red, striped and mottled. Hardy biennial. Will bloom first season if sown early. Pkt. 5c.

LOBELIA.

Very pretty, blooming profusely. Hardy perennial. **Erinus**—Blue. Pkt. 5c.

MARIGOLD.

A showy plant of handsome foliage and a profusion of flowers of brilliant shades of yellow, finely variegated and striped with dark rich colors of maroon and brown. Hardy annual.

African Mixed—Tall. Pkt. 5c.

French Mixed—Dwarf. Pkt. 5c.



Marigold.

MICNONETTE.

A well known fragrant little annual. Sweet. Pkt. 5c.

MOURNING BRIDE.

One of the best flowers for bouquets. A great variety of colors from white to dark purple. Hardy annual. Pkt. 5c.

MYOSOTIS (Forget-Me-Not).

Half hardy perennial, succeeding best in moist situations.

Palustris—Blue. Pkt. 10c.

NIGELIA (Love-in-a-Mist).

A hardy annual of easy culture, bearing curious flowers.

New Double—Pkt. 5c.

NASTURTIUM.

This well known annual is one of the best for trellis and arbor decoration. Flowers of a great variety of rich colors. Also excellent for vases and baskets.

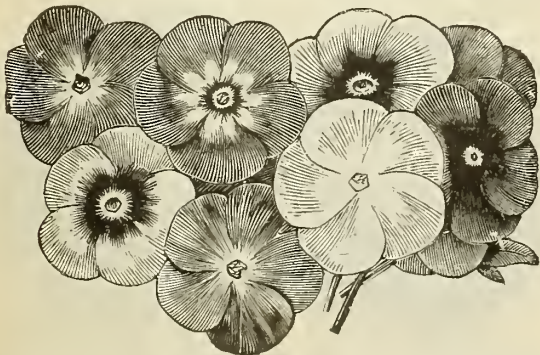
Tall—Fine colors. Mixed. Pkt. 5c, oz. 15c.

Dwarf—Fine colors. Mixed. Pkt. 5c, oz. 15c.

PAMPAS GRASS.

An exceedingly elegant and graceful variety of ornamental grasses. Pkt. 5c.

PHLOX DRUMMONDI.



Phlox Drummondii.

Unrivalled for richness of color, profusion and duration of blossom. Hardy annual. All varieties mixed. Pkt. 10c.

PANSY.



Pansy.

This general favorite is too well known to need any description. Our "Imperial German" mixture embraces all the new varieties and colors lately introduced from Germany. Hardy annual.

Choice Mixed—Pkt. 5c.

Imperial German—Mixed. Pkt. 10c.

Snowflake—Pure white. Pkt. 10c.

King of the Blacks—Pure Black. Pkt. 10c.

Bugnots—Superb, blotched and striped. Pkt. 10c.

PETUNIA.

Sown in the spring they will produce flowering plants in June. Set the plants about eighteen inches apart. They do well sown in cold frame, hot-bed, or in the open ground. Half hardy perennial.

Grandiflora—Choice mixed. Pkt. 10c.

Small Flowered—Finest Mixed. Pkt. 5c.

PINK.

A great variety of rich and brilliant colors, shades and marking. Hardy annual.

Chinese—Pkt. 5c.

Japan—Pkt. 5c.

Fine Colors—Mixed. Pkt. 5c.

POPPY.

Makes a fine display among the taller flowers and shrubs. Hardy annual. Single and double mixed. Pkt. 5c.

PORTULACCA.

A brilliant and popular hardy annual.

Double Rose—Mixed colors. Pkt. 10c.

Single Rose—Mixed colors. Pkt. 5c.

RACINUS—Castor Bean.

A luxuriant expansive foliage plant, of tropical appearance. Plants range from five to ten feet in height. Half hardy annual. Pkt. 5c.

SWEET PEAS.

Sweet peas should be sown in drills, as early as possible in spring, in rich, friable soil. Prepare the bed by thoroughly working in a large quantity of well rotted manure. Make a trench six inches deep. In this sow the seed and cover two inches deep. As soon as the plants begin to show through, fill in the trench. This will secure a deep planting without the bad effect of deep covering of the seed at first, and so enable the plant to bloom continually through the heat of summer. As fast as the flowers come into full bloom or fade, they should be cut off, for if the pods are allowed to form, the plants will stop blooming.

*Sweet Peas.*

- Apple Blossom**—Bright rose.
- Butterfly**—Pure white, shaded with lavender.
- Duchess of Edinburg**—A deep, bright red.
- Ida Eckford**—Creamy white, very fine.
- Indigo King**—Rich indigo blue.
- Lottie Eckford**—White, shaded with blue.
- Miss Blanche Ferry**—Deep pink and white.
- Mrs. Gladstone**—Delicate blush pink.
- Queen of England**—Pure white.
- Scarlet Invincible**—Brilliant scarlet.
- Eckfords**—Finest mixed. Includes all of the best colors.
Pkt. 5c, oz. 10c.

SENSITIVE PLANT.

A curious plant, the leaves folding together and branches drooping by being touched, affording a source of amusement for the little folks. Half hardy annual. Pkt. 5c.

STOCKS, TEN WEEKS.

Half hardy annuals of fine foliage and beautiful colors.

- Large Flowering Dwarf**—Brilliant colors mixed. Pkt. 5c.

SWEET WILLIAM.

A useful and popular flower which has been greatly improved the last few years; hardy perennial and easily grown.

- New Varieties**—Mixed colors. Pkt. 5c.

SWEET SULTAN.

Handsome annual with fragrant flowers. Borne on long slender stems. Hardy annual. All colors mixed. Pkt. 5c.

VIOLET.

The violet should not be wanting in any garden on account of its fragrance. A single flower will perfume a whole room. Flower blue and white, hardy perennial, sweet scented. Pkt. 5c.

VERBENA.

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

*Verbena—Mammoth*

- New Mammoth**—Mixed colors. Pkt. 10c.
- Hybrid's Fine Mixed**—Pkt. 5c.

ZINNIA.

Splendid large plant of great beauty, perfectly hardy, annual and easily transplanted.

- Choice Double**—Mixed. Pkt. 5c.
- Double Striped Zebra**—Very showy. Pkt. 5c.

**ZINNIA FL. PL. ZEBRA STRIPED**

PLANT DEPARTMENT



Bring flowers, bright flowers, their fragrance recalls
The vines that clambered the garden walls;
They were planted there by my mother's hand
While we gathered around her, her little band;
And we watched their growth with the passing hours,
How sweet the remembrance, bring flowers, bright flowers.

DISCOUNT ON PLANT ORDERS.

Below we give a discount on plant orders amounting to \$1.00 and over:

For \$1.00 cash, select plants to the value of.....	\$1 15
“ 2.00 “ “ “ “ “	2.30
“ 3.00 “ “ “ “ “	3.50
“ 4.00 “ “ “ “ “	4.75
“ 5.00 “ “ “ “ “	6.00

For directions in ordering plants see second page of cover.

A Choice . . Collection of **Roses**

The plants of the *HYBRID PERPETUAL* class are entirely hardy. The flowers are of large size, very full and double at the center, and of the most beautiful colors, from pure white to the darkest shade of crimson. Through their blooming season, in June, they give us a show of brilliant colors unequalled by any other plants. In the spring cut back all the shoots, or stems, and they will send up new ones, which will make a very strong growth and give abundance of bloom. It is the new wood that gives the bloom.

MOSS ROSES are very popular and much admired for their beautiful buds, which are covered with a moss-like texture.

CLIMBING ROSES are perfectly hardy, blooming early in the summer, and when in a rich soil soon cover any arbor or porch.

We have reduced our long list of roses, by discarding sorts that were too similar to be of value to the amateur.

We can supply many of the varieties formerly offered by us, but, when kinds are ordered that are not in stock, we must reserve the right to substitute, unless otherwise directed.

The varieties offered are the best of their respective classes.

TWELVE BEST EVER-BLOOMING ROSES FOR POT CULTURE AND WINTER BLOOMING.

Bridesmaid—An exquisite new pink rose that is being grown in larger quantities for winter flowers than any other pink variety. Color, a bright clear pink; a lovely shade; flowers very large, perfectly double. The buds are large and solid with long stiff stems and handsome glossy foliage. It has all the good qualities of a first-class winter blooming rose.

Catherine Mermet—*Tea*—A pink Tea Rose, for summer and winter bloom. This rose has no equal in the cut flower market; it has held its own for years.

Clothilde Soupert—This novelty introduces a new and remarkable class of bedding and pot roses, combining the Tea and Polyantha Rose. It is of very strong and vigorous growth, forming a nice shaped plant and attaining a height of about fifteen inch.s. The flower is a pearly white, with a vivid carmine rose center.

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

Madam Hoste—A rose of large size, fine form, remarkably free bloomer. It resembles the Perle in growth. In cool weather it is ivory white, in summer a bright canary with a deep amber center.



The Bride—A superb, pure white Tea Rose; the buds and flowers are unusually large, finely formed, very double and full, and deliciously perfumed; it is a strong, healthy grower and a quick and constant bloomer; does well in open ground, and is particularly valuable for growing in house for cut flowers, as it produces abundantly and its blooms are of the most desirable form.

EVER-BLOOMING ROSES—Continued.

Madam Elie Lambert—The flowers are globular and cup-shaped, the center petal of the purest white, while the center is a rosy flesh color.

Meteor—*Hybrid Tea*—Color a very fine crimson. An incessant bloomer, and of excellent habit; a fine rose for all purposes.

Papa Contier—Flowers large; deep earmine crimson.

Perle des Jardins—Without doubt the finest yellow rose in cultivation. Color golden yellow. Flowers large and beautifully formed.

Sunset—A sport from *Perle des Jardins*. Flowers of large full size, very double; color rich golden amber.

The Queen—This new rose is one of the most decided novelties for 1897. It is of a delicate shaded flesh color, the buds are extra large and long pointed, resembling the *Nephtos*; it is of strong growth and a profuse bloomer; an excellent bedder.

10c each; \$1.00 per dozen.

A LIST OF 12 EVER-BLOOMING BEDDING ROSES.

Augustine Guinnoiseau—(*White La France*)—Here we have a beauty indeed, one we can recommend to all, whether for out-door culture or for pots in the house in winter. If you were to ask us to select six of the very finest roses for you, we should be sure to include it in the six. It is pearly white, sometimes tinted with fawn.

Bon Silene—Equally valuable for summer or winter blooming. Buds of beautiful form, an unusual free bloomer. Color deep rose shaded carmine.

Catherine Mermet—One of the finest roses grown.

Clothilde Soupert—One of the most prolific bloomers.

Etoile de Lyon—One of the finest yellow Tea Roses for out-side planting, and one of the hardiest of the Tea section. It blooms very freely, and every flower is a gem; very large and fully double. Well established plants produce flowers equal to *M. Niel* in size. Color deep chrome yellow.

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

Hermosa—(*Bourbon*)—Always in bloom and always beautiful. The flower is cupped, finely formed and full, color the most pleasing shade of pink, very fragrant. A favorite with every one.



Queen's Scarlet—Rich, velvety crimson, beautiful in bud. The best of all the crimson bedding varieties; very free flowering.

10c each; \$1.00 per dozen.

La France—(*Hybrid Tea*)—This rose must be included in this list for its blooming qualities, and added to this their half hardy nature and vigorous growth makes it a valuable rose in every particular. Flowers large, color pink, delightfully fragrant.

Marie Cuillot—White, tinged with delicate shade of lemon; large, full and beautifully imbricated in form, one of the finest white Teas; the perfection of form in Teas roses; highly fragrant.

Marie von Houtle—White, slightly tinged yellow; fine for bedding.

Marion Dingee—A splendid new Tea Rose, and one of the finest additions to our list of bedding roses; flowers of good size, nicely cup-shaped, and borne in wonderful profusion all through the growing season. Color deep crimson, changing to earmine in matured flowers.

A LIST OF 12 CHOICE HARDY ROSES.

American Beauty.

American Beauty—Flowers very large, of beautiful form, and very double; color, a deep rich rose. The fragrance is delightful, resembling *La France* or the old-fashioned *Damask Rose*; it is truly an ever bloomer, each shoot producing a bud. 20c.

Anna de Diesbach—Clear rose, fine color, very large; a showy, deep cup form.

Coquette des Alps—One of the finest pure white hybrid perpetuals; large, full, finely formed flower; color, pure white, sometimes faintly tinged with pale blush; profuse bloomer.

Dinsmore—A true perpetual, flowering very freely the whole season; flowers large and very double; color, deep crimson. The plant is of a dwarf, bushy habit, every shoot producing a bud. 20c.

Eugene Furst—Velvety crimson shaded with deeper crimson. A large, full flower, and a strong, vigorous grower. A first-class rose in every way.

Francois Levet—A splendid rose, flowering freely, and very full; fresh clear rose, bright and glistening. The flower is large and of fine form.

Gen'l Jacqueminot—(*Hybrid*)—An old standard and one that has been a rose of special merit for years, and always will be. If you want a rose which embraces hardiness, good habits, fragrance, etc., there is none better. Color, dark red.

Madam C. Wood—(*Hybrid*)—One of our best Hybrids. Flowers large and well formed, of a deep rosy crimson color.

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

10c each; \$1.00 per doz.

HARDY ROSES—Continued.

Marshall P. Wilder—Flowers very large, perfectly double and of good substance; color, bright cherry red shading to crimson. Plant a clean, healthy grower, and a very free bloomer.

Mrs. John Laing—(*Hybrid Perpetual*)—Color, a soft delicate pink, with satin tinge. Large flower, finely shaped, and exceedingly fragrant.

Paul Neyron—The flowers are immense. It is probably the largest rose grown, and one of the finest. Bright shining pink, very clear and beautiful, very double and full, finely scented.

10c each; \$1.00 per dozen.

HARDY CLIMBING ROSES.

For covering walls, trellises, trees, buildings, etc. They are of rapid growth and perfect hardiness, and become covered with bloom in their season.

Anna Maria—A hardy climber, flowers in clusters, color light pink, changing to blush.

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

Crimson Rambler—See novelties. An excellent new rose.

Creville, or Seven Sisters—Flowers in large clusters. Varies in color from white to crimson.

Queen of the Prairies—Extra growth, and free annual bloomer, bright rosy red. The strongest climber of all.

Russell's Cottage—Dark crimson, very double and full; strong grower.

Tennessee Belle—Graceful and slender in growth. Bright pink. 15c each.

POLYANTHA ROSE.

This beautiful class of dwarf free flowering roses has been steadily growing in favor every year since their introduction. They are admirably adapted to pot culture, and planted out, flowers continually the whole season. The flowers are quite small, borne in large clusters, often twenty-five to forty in a single cluster, each cluster making a bouquet of itself. They are entirely hardy and serve admirably for edging beds of roses, or for cemetery planting.

George Pernet—A strong growing dwarf variety, forming a perfect round bush. It is continually in bloom, the flowers being quite large for this class; the color is bright rose with touches of yellow, and passes to peachblow with silvery white shadings.

Mad. Cecil Brunner (New)—The flowers are salmon pink with deep crimson center; borne in large clusters and deliciously perfumed. An exquisite miniature rose for floral work, bouquets, etc. A constant and profuse bloomer.

Mignonette—Flowers full and regular, perfectly double, borne in large clusters, often thirty to forty flowers each. Clear pink, changing to white, tinged with pale rose. Very attractive and delicate.

Perle d'Or—Color of buds beautiful nankeen yellow with vivid orange center, each petal tipped with white, changing to buff tinge rose in the open flower. The only shade of yellow in this very desirable selection.

Paquette—One of the finest of this class. Pure white, of the most perfect shape; about one and one-half inches in diameter, flowering.

10c each; \$1.00 per dozen.

MOSS ROSES.

Moss Roses stand alone in picturesque beauty, different and distinct from all others. Their opening buds, covered with delicate, clinging moss of fairy-like texture, command our special admiration. It is a strong, vigorous grower, perfectly hardy, desirable for outdoor culture.



Moss Rose.

Glory of Mosses—A magnificent Moss Rose, extra large and perfectly double, color deep rosy carmine, shaded purplish crimson, very mossy and fragrant; one of the finest.

Henri Martin—Dark rose color, large and well mossed.

Luxemburg—Bright crimson scarlet, very mossy; a good size.

Princess Adelaide—Extra large flowers, very double and fragrant, buds beautifully mossed, color bright rosy pink.

Perpetual White—Blooms in clusters and very freely, not very double, but the buds are beautifully mossed.

15c. each.

— & A COMPLETE LIST OF —

FLOWERING AND ORNAMENTAL PLANTS AND BULBS

ABUTILONS (Chinese Bell Flower).

Fine rapid growing plants of easy culture for the house or garden. The flowers are of all shades of color, and are produced in great abundance.

A. Belsham—A good variety for the garden, strong grower; color a beautiful red.

Crimson Gem—Has a beautiful dark crimson flower, which is produced in great profusion.

Eclipse—A pretty trailing variety, with large foliage, beautifully marked with deep green and yellow. Flowers bright yellow with crimson throat. Fine for vases, hanging baskets or pot plants. Very desirable.

Golden Fleece—A bright golden yellow, of strong, vigorous habit and very free flowering. It combines large size, fine form and depth of coloring.

Boule de Neige—Pure white, very free flowering, and of compact growth; one of the very best for house culture and for winter blooming.

Le Lilliput—Rosy pink, a very distinct color, abundant bloomer; fine for pot culture.

Thompsonii Plena—A sport from *Thompsonii var.*, the foliage has the same variegation, but the flowers are full and double; orange, streaked with crimson.

10c. each; \$1.00 per dozen.

ACHILLEA.

A free-flowering, hardy herbaceous plant, suitable to plant among rock work or in situations not adapted to the more tender plants. Flowers yellow and white. 10c each.

ACHANIA MALVAVICUS.

A greenhouse shrub with scarlet flowers, blooms summer and winter; not subject to insects of any kind; one of the most satisfactory house plants grown. 10c each.

ACHYRANTHUS.

Beautiful leaf plants, well adapted for bedding purposes, or as pot plants. They are easily grown and retain their brightness of foliage until destroyed by frost, being more hardy than Coleus.

Aurea Reticulata—Foliage green, handsomely marked with a network of golden yellow, with occasional crimson blotches.

Bimulteri—Long brilliant red leaves streaked with white, strong grower, one of the best.

Brilliantissima—Dwarf habit, color most brilliant ruby red. One of the best and most effective plants for ribbon bedding.

Lindennil—Long, lance shaped leaves, of deep blood red color; very attractive.

10c each; 75c per dozen.



Ageratum.

AGERATUM.

Plants of easy culture, and very desirable for cut flowers, blooming freely both summer and winter.

Cannel's Dwarf—A very dwarf variety, scarcely ever exceeding six inches in height. One of the finest plants for carpet bedding, or for edging large beds. Flowers bright lavender blue, produced in great abundance.

White Cap—Best white.

Cope's Gem—Light blue.

10c each; \$1.00 per dozen.

ACAPANTHUS UMBELLATUS.

(Blue Lily of the Nile.)

This is a splendid ornamental plant, bearing clusters of bright blue flowers on long flower stalks and lasting a long time in bloom. There is no finer plant than this for out-door decoration, planted in large pots or tubs on the lawn, terrace or piazza. It does well in the house or greenhouse in winter, requiring but slight protection. It is a rapid grower, and increases in size and beauty every year. 15 to 25c each.

AGAVE (Century Plant.)

Of this splendid and celebrated plant we have the two colors—the green and striped foliage. It used to be the prevailing idea that this plant would bloom only every hundred years, but if given sufficient heat it will flower when ten or twelve years old.

ALYSSUMS.

Double—A variety with neat, green foliage, producing profusely spikes of pure, double white flowers. Valuable for cut flowers. 10c each; 75c per dozen.

Single—Blooms abundantly. Very desirable for edgings or pot plants. 5c each; 50c per dozen.

ALLAMANDA HENDERSONI.

A useful climber for training over trellises or posts in the warm conservatory, producing in clusters tubular-shaped flowers, two-and-a-half inches across, of a golden yellow color.

15c each; \$1.50 per dozen.

ALTERNANTHERAS.

Dwarf plants of bushy, compact growth; excellent for borders of flower beds, and for baskets, vases, etc. They require the full sun to bring out the foliage.

Glauca—One of the strongest growers of this class of plants, color of bright green, spotted with red and yellow; a good plant for bordering if cut back frequently.

Parychoides Major—Leaves tinted crimson, scarlet and pink.

Spathulata—Leaves tinted carmine and green.

Vitifolia—Curious colored leaves, color bright red during warm weather, which changes to bright pink as the weather becomes cooler.

10c each; 75c per dozen.

ALOYSIA CITRIODORA.

Lemon Verbena—Very desirable on account of the delightful fragrance of its foliage. It is a very popular plant and should be kept dormant in early winter. 10c each.

AMARYLLIS.

An interesting class of plants for pot culture. We have all the best varieties. Good strong bulbs.

15c to 50c each.

ANTHERICUM.

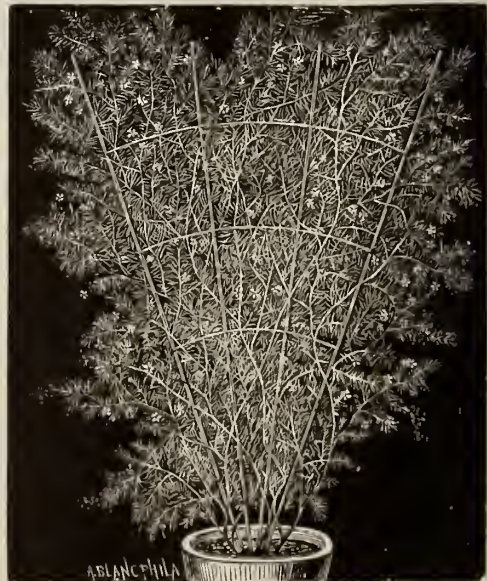
An elegant house plant, with dark green leaves, beautifully bordered with broad stripes of pure white. It throws up long spikes of small star-shaped flowers, which are very effective. Fine for hanging baskets.

Vittatum Variegatum—Of strong growth. 15c.

Picturalum—Similar to *A. Vittatum*, excepting the markings, which are reversed. 25c.

ASTER.

Very pretty free-blooming hardy plants, commencing to bloom early in the season and continuing until killed by frost. Mixed colors. 10c each; 75c dozen.



Asparagus Tenuissimus.

ASPARACUS TENUISSIMUS.

A beautiful species of climbing habit. Remarkable for the extreme delicacy of its foliage. The leaves are longer and of a lighter tint than those of *A. Plumosus Nanus*. As a decorative plant for contrast with the foliage of other plants, it is one of the most effective. The sprays retain their beauty a long time when cut.

25c each.

ASPARAGUS PLUMOSUS NANUS.

Beautiful and graceful in habit, and a gem in fineness of foliage; rapid grower and excellent for window culture. 25c each.

ASPIDISTRAS.

Lurida—A handsome foliage plant. Dracena-like leaves, of a bright green color. 15c each.

ASCLEPIAS SALICIFOLIA.

A shrubby, willow-like plant, producing fine clusters of pale white flowers. Very free bloomer; useful for bouquets. 10c.

ARANCARIA EXCELSA. (Norfolk Island Pine.)

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



Azalea Indica.

AZALEA INDICA.

One of the showiest of greenhouse shrubs, excellent for window or conservatory decoration. When in bloom they are most beautiful plants. We have fine imported plants in both single and double color, from pure white to dark crimson. Some are mottled and striped. During summer the plants should be plunged in some shady place. \$1.50 and \$2.00 each.

BEGONIA. (Flowering.)

Plants adapting themselves to a variety of uses; are used for planting in the garden for summer decoration, or as pot plants, for cut flowers in winter. They are very easily grown, but require heat—an average of 65 degrees at night during winter is necessary. The flowers are beautiful, mostly drooping in graceful panicles of various colors.

Argentia Cutata—A new begonia of special merit. It has purple bronze leaves, oblong in shape, with silver markings, and is in every way a most beautiful plant. 20c each.

Cuprea—A seedling from *B. Metallica*; strong, healthy grower with dark green velvety leaves. 20c each.

Diadema—An elegant new begonia, particularly adapted for house culture owing to its silvery dots and veins as well as the fine habit of its growth. As a market plant it will prove one of the best we have had for years. We predict that this variety will prove as valuable as the *Rubra*. 20c each.

Decora—A shrubby, decorated variety, with dark green leaves, profusely marked with oblong spots or dots of a silvery gray color. It has been introduced from Brazil.

Glaucophylla Scandens—A drooping variety. Flowers orange scarlet; produced freely.

Gigantea Rosea—A superb variety of strong, upright growth, rich, glossy leaves, the flower a clear, cardinal red. The bud is only exceeded in beauty by the open flower. 20c each.

Glorie de Joy—A rich, bronze green, with silvery white spots, large leaf; a strong, free grower; flowers of a clear, pink color, very large, and borne in the greatest profusion during the entire winter. 20c each.

Manicata Aurea—Its heavy, glossy leaves being boldly blotched with a rich golden cream, and a clear carmine etching in the matured leaves, altogether making the handsomest variegated plant known. Strong plants.



Begonia. (Manicata Aurea.)

Metallica—A shrubby variety; good grower and free bloomer, leaves triangular, the surface of a lustrous metallic or bronze color, veined darker. Flowers white, covered with glandular red hair.

Manicata—Large rich foliage of a dark green color. Flowers bright pink.

Racinafolia—Leaves large and pointed, after the style of some of the palms; makes a strong, robust growth, and is very ornamental.

Rubra—Its dark, glossy, green leaves, combined with its free flowering habit, makes it one of the very best plants for house or conservatory decoration. The flowers are of a scarlet rose color.

Rubra Alba—This is a sport from *Rubra*, having foliage similar, but more drooping, and with large clusters of beautiful white flowers; extra fine.

Semperflorens Elegans—Resembling somewhat the *Gigantea Rosea*, but has smaller leaves, more profuse in flowers and of compact growth.

Semperflorens Rosea—The flowers come in large clusters, and are white, heavily shaded and bordered with dark carmine rose. The contrast of these colors with the bright and yellow of the stamens produce a fine effect.

Vernon—This excellent variety is of unusual merit as a bedding sort, foliage rich glossy green, often shaded deep bronze, changing to a beautiful clear pink in the open flower; also splendid as a pot plant. 15c to 40c each.

Weltoniensis—An excellent summer and autumn blooming variety, with bright pink flowers; plants of vigorous and compact growth. One of the best for baskets.

15c each; \$1.25 per doz., except where noted.

BEGONIA REX.



Begonia Rex.

A class of begonias grown for their foliage. Leaves large and variegated, mottled and margined with peculiar silvery, metallic gloss, very fine, grown as specimen pot plants, or for hanging baskets, ferneries, etc.

Twelve varieties. A fine assortment. 15c to 25c. each.

GALLA LILIES.

Calla Ethiopica (Lily of the Nile)—A fine house plant. It requires an abundance of water during the growing season, and should have a period of rest from May to August, by turning the pots on their side in some shady place. 10c to 50c each.

Richardia Maculata (Spotted Calla)—The foliage resembles the Calla in shape, and is beautifully spotted white; the flowers are shaped like the Calla, pure white, shaded with violet inside. The bulbs may be kept dry in winter, and started like a Dahlia in spring. Fine for window culture or bedding out. 25c.

CALADIUM—Esculentum.

See "Summer Flowering Bulbs."

CANNAS.

Stately and highly ornamental plants, growing five to ten feet high, and forming a most beautiful and striking object for the lawn, and for large circular beds. Cannas should be planted in rich soil, deeply dug and heavily manured.



New French Cannas.

NEW FRENCH VARIETIES.

These splendid New Cannas are quite an improvement over the old varieties. The spikes of large flowers somewhat resemble Gladiolus, but their much more brilliant colors show off grandly against their tropical foliage. Height of plant seldom over four feet.

Comte Horace de Choiseul—Very dwarf with close compact habit, and large sized flowers; beautiful deep crimson with carmine shade. 25c each.

Florence Vaughan—Conceded by all who have seen it to be the finest yellow spotted Canna. Flowers very large, of the most perfect form, with broad overlapping petals, nicely rounded at the ends. Color brilliant yellow, spotted with bright red. A strong, robust grower, and flowers very freely. Height, about four and one-half feet. 25c each.

L. Cuill—Flowers very large, of a beautiful, rich salmon color; foliage green. Five feet. 25c each.

Madam Crozy—The plant is of vigorous growth, yet dwarf in habit. The foliage is a rich, cheerful green and very massive. Flowers very large, dazzling crimson in color, distinctly bordered with golden yellow, produced on large, branching stems.

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

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

Felix Crouse—Deep green foliage. Flower spikes very numerous. Color deep scarlet.

Hypolite Flandrin—Rich deep green foliage. A vigorous grower and very free bloomer. Flowers on long spikes and large. Color salmon rose.

Louis Chretien—Flowers bright canary yellow, beautifully blotched and spotted with crimson.

Tete d'Or—A vigorous grower. Foliage dark green. Flowers large and showy. Color golden yellow, spotted with carmine.

Victor Hugo—Large dark green foliage, edged with purple. Flowers very large, of a bright, dazzling scarlet. 15c each, except where noted.

LARGE VARIETIES.

Robusta Perfecta—The finest and most effective of the dark leaved Cannas, bearing immense leaves from twelve to eighteen inches wide and three feet long, of a bright bronzy color. The habit of the plant is very robust, in rich soil attaining a height of eight feet. For tropical bedding this grand variety is indispensable.

Brilliantissima—Leaves deep crimson, of a metallic hue; crimson flowers.

Discolor (Gigantea)—Enormous banana-like leaves, green-veined, margin brown red. 15c each.

Metallica—Flowers crimson scarlet. Foliage rich, dark green, shading to purplish margin.

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

CARNATIONS.

These are among the most beautiful and desirable of plants, alike valuable for bedding out in summer and for the window garden in winter. The ends of the longer branches should be nipped out during the summer months to prevent their blooming, if wanted for flowering in winter.



Blanche.

American Flag—A strong, vigorous grower, and profuse bloomer. Very fragrant. The color is distinct from any other variety, being distinctly and regularly striped vivid scarlet and pure white.

Blanche—A white variety, growth strong and vigorous, foliage is of a lighter shade of green than that of any other varieties; stem heavy and very much branching, calyx strong, non-bursting, flowers medium to large, pure white, deeply fringed.

Buttercup—Rich golden yellow, with a few streaks of clear carmine; of vigorous habit and very floriferous. The florets are full and very double.

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

Grace Wilder—One of the most beautiful colors among carnations—a soft shade of carmine pink. A dwarf, but robust grower; very desirable.

Hinzie's White—A free flowering variety of large size and perfect form; pure white, sometimes slightly tinged with pink.

10c each; \$1.00 per dozen.

CARNATIONS—Continued.



New Carnations.

J. J. Harrison—The plant is a strong, healthy grower, producing the flowers on stout, long stems; color a pearly white, delicately streaked rosy carmine, each petal distinctly edged with the same.

Lizzie McCowan—This grand carnation is a cross between *Hinzie's White* and *Peter Henderson*. It is a splendid grower, producing very large pure white flowers that are beautifully fringed, delightfully fragrant, and all borne on long stiff stems.

Nellie Lewis—Entirely distinct from all others, of a most pleasing soft shade of pink; it is a strong grower, a free bloomer and exquisitely fragrant.

Portia—The most intensely bright scarlet. The flowers are of a medium size and freely produced; a fine variety.

President Garfield—Perfect flowers of immense size; color rich vermilion; vigorous growth.

R. M. Craig—An extra strong grower and profuse bloomer; color, bright scarlet.

Silver Spray—Flowers pure white, large, perfect, and produced on long stems, never bursting; a beautiful variety.

Theo. Stuart—Fine scarlet, brighter and larger than *Portia*.

Wm. Scott—Delicate light pink, with finely fringed petals; flowers of large size on long stems that hold the flower erect. A splendid keeper; lasting a long time when cut.

10c each, \$1.00 per doz.

CINERARIA.

This is an excellent plant for early flowers, coming into bloom near about the same time as Hyacinths and Primroses, which makes it a valuable plant for house culture. When in full bloom it is a solid mass of flowers, and embraces all colors from pure white to brilliant scarlet, and many mottled with many colors. 10c each; \$1.00 per doz.

COBEA.

Scandens—A well known summer climber; foliage green, with large purple bell-shaped flowers. A desirable climber. 10c.

COLEUS.

The Coleus is the best and cheapest ornamental leaved plant for ornamental bedding. There is such an endless variety in their colors and markings that, with a little taste in planting varieties, the most gratifying results can be obtained at a trifling cost.

New Varieties.

Beckwith Gem—Large leaves, of a chocolate brown color, margined with bright green.

Cassamir—Dark green leaves with a white center, irregularly blotched and sprinkled with red.

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

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

Princes de Ligne—Leaves sprinkled with red and white; decidedly novel.

10c each; or the five varieties at 40c.

General Collection of Coleus.

Brilliant—Bronzy crimson, dark veins and shadings, golden edge.

Captivation—Leaves bright green, with a feathered center of sulphur yellow, flushed with a pale tint of rosy purple.

Crown Jewel—Rich claret, margined with a bright golden yellow.

Excelsior—Yellow, stained with green and crimson.

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

Fairy Knell—Carmine rose, rimmed with velvety maroon.

Clory of Autumn—Deep crimson bronze, margined gold.

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

Hero—Chocolate maroon, almost black.

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

John Coode—Dark green, suffused and mottled with yellow.

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



Coleus.

Midnight—Maroon flamed crimson.

Mrs. Humphreys—Light scarlet, rimmed yellow.

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

President Garfield—Rich dark maroon, almost black, veined, blotched with vivid crimson; most unique and beautiful variety.

Progress—Dark olive green, blotched with purple, crimson, and gold.

Rag Carpet—Of most beautiful form and coloring. The leaf is large, and the ground coloring is a carmine red, running lengthwise, edged with chocolate red.

Verschaffelti—Rich velvety crimson; one of the best for bedding out.

5c each; 50c per doz.

CLERODENDRON, FRAGRANS.*See Novelties.***CLERODENDRON, BALFOURI.**

A beautiful climber with large clusters of white and scarlet flowers. If planted in the open ground and kept cut back, it makes a fine bedding plant, and will bloom freely in the fall. Also excellent for pot culture.

Each 15c to 50c.

CACTUS.

The cultivation of these odd and easily grown plants is a very interesting hobby with many.

We have the following unique varieties:

Cereus Grandiflora, Epiphyllum, Mammillarla, Carneae, Opuntia, Microdasys, Stapelia Variegata.

10c to 25c each.

CHRYSANTHEMUMS.

This flower has attained an unlimited popularity in the last few years and are now, and deservedly so, the most fashionable of all autumn flowers. Each year the taste for Chrysanthemums becomes more exacting, and to meet it we offer only the finest varieties. Our list is made up of sorts that are noted the country over.

New Chrysanthemums of Unusual Merit.

A. Ladenburg—A full and extremely double Japanese variety of immense size, having been grown ten inches across; style and shape of Mrs. I. Clark, except in color, which is clear delicate rose pink, magnificent for exhibition specimens. Awarded certificate at Philadelphia and Madison Square Garden.

Dr. H. D. Hull—Pink, petals broad and whirled, a fine variety.

Harry Balsley—A fine cut flower variety. We predict this novelty will be held in high esteem for the beautiful shade of pink it possesses, which is a pearl-pink.

King's Daughter—Pure snow white, very long drooping outer petals, center petals irregularly incurved; stout stems, very showy, loose, pure Japanese style. 25c.

Miss Kate Brown—Very fine, early, white; flowers fully six inches across. The petals are broad and finely incurved.

Mrs. Gov. Fifer—Grand double white; flat, incurving.

Niveus—Extra fine, large white, received first prize at Madison Square Garden, for best white. 25c.

The Queen—Extra large size; of beautiful half globular form with broad incurved shapely petals of great substance; color pure white. 25c.

Wm. H. Lincoln—A magnificent golden yellow variety, with straight flat spreading petals. An extra large flower, completely double and of great substance.

Y. H. Hollock—Delicate pink, flat flower of a large size. 15c each; \$1.50 per doz., except where noted.

General Collection.

A. G. Ramsay—Very peculiar, mixed red and yellow; late bloomer.

Christmas Eve—Late, beautiful white, ball-shaped, long twisted petals.

E. G. 4111—Immense blooms of brightest golden, full and very double; strong, elegant grower.

Elaine—Pure white broad petals, extra fine and early.

Gold—A grand, deep golden yellow variety, regular in form with narrow petals slightly incurved; splendid for cut flowers.



Chinese Incurved Chrysanthemums.

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

Ivory—Splendid dwarf early white of great substance and durability. A gem, even the smallest plants produce large flowers.

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

Kloto—Very large, incurved, yellow, strong free grower; extra fine.

Lillian B. Bird—Of distinct color and form with long tubular petals; color of flowers schrimp pink.

Louis Boehmer—(Pink Ostrich Plume)—Color is a beautiful shade of silvery pink, petals finely incurved and covered with fine glandular hairs, from which it takes the name Ostrich Plume. 15c.

L. Canning—Pure white, flowers large and handsome.

Mrs. Fottler—A fine laced white, shaded with pink; an excellent variety.

Mrs. Hicks-Arnold—Yellow center, mottled edge; very fine.

Mrs. E. D. Adams—Extra large flowers of pure white, petals very large and ribbon like.

Mrs. Alpheus Hardy—(Ostrich Plume)—The flowers are large, of thick substance and perfect shape, while the color is of the purest white. Its unique character consists in its fine dawy appearance, which is produced by the glandular hairs which cover the petals. 15c.

Mrs. Langtry—A perfectly formed flat flower of unusual size and perfection; snow white in color, with broad bands or ribbon petals.

Roger Williams—Of grand form and habit; color very dark crimson; flowers are borne on very stiff stems. One of the best of the dark varieties. Has been awarded a silver medal.

Snowdrop—Small, pure white flower, resembling an Aster. Free bloomer.

Tok o—Rich bronzy crimson, flowers medium size.

W. A. Manda—The golden yellow, hairy Chrysanthemum; fine in color, and filaments well pronounced.

10c each; \$1.00 per doz. unless noted.

CYCLAMEN—Alpine Violet.

Few plants are more showy than the Cyclamen. They bloom in the winter and spring. Flowers are singular in shape, of various colors, with beautiful foliage.

Cigatum—A marked improvement on *G. Persicum*; showy leaves and large, beautiful flowers. Plants 10c to 25c each, according to size.

Persicum—Nicely marked foliage and very pretty, fragrant blossoms of peculiar shape; remains in bloom a long time, a single flower lasting for weeks; a very desirable plant for house culture. 10c to 25c each, according to size.

CYPERUS ALTERNIFOLIUS.

A splendid aquatic plant throwing up stems two to three feet high, surmounted at the top with a whorl of leaves, diverging horizontally; giving it a very novel appearance, fine for the center of vases or aquariums. 10c.

DAISY.

Favorite plants of profuse bloom, very pretty.

White Gem—Very large, completely double, pure white.

Double Pink—A beautiful flower, petals delicately tipped with pink.

10c each; 75c per dozen.

DAHLIAS.

Of this interesting and popular flower we have reduced our stock to the very best varieties that can be had. Our assortment embraces all the leading colors in both single and double.

SET OF TWELVE FINE CACTUS DAHLIAS.

The Cactus Dahlias are now the most popular, and are favorites on account of their graceful appearance; the collection offered below is one of the finest that has ever been brought together.

Asia—Of a delicate peach color, very distinct.

Cochineal—Brilliant crimson

Fire King—Dazzling scarlet of compact habit.

Formosissima Picta—Orange color, with bright scarlet stripes.

Henry Patrick—A fine white variety, of large size.

Honorio—Distinct from all other sorts; a peculiar shade of amber.

John Bragg—Color of the richest black maroon; flowers of good size, raised well above the foliage.

Miss Barry—Deep rose lake; a shade quite new in this type of Dahlia.

Nymphæ (Pink Water-Lily Dahlia)—In color a clear distinct shrimp pink, shading slightly darker towards the outer petals, a color difficult to describe; this peculiar color and its form have suggested the name Water-Lily Dahlia.

Panthia—Rich reddish salmon, peculiar and striking.

Robert Cannell—Rich magenta, with a decided bluish tip towards the edge of the petals.

Viscountess Folkenstone—Primrose yellow, deepening towards the center.

15c each; \$1.50 per dozen.



Dahlia—Single.

SET OF SIX FINE POMPONE VARIETIES.

Catherine—Bright yellow, very distinct.

Crimson Beauty—Finest crimson.

Director A. Semler—White, tipped with purple.

Dandy—Crimson purple, small and pretty.

Dr. Schwebbs—Fine, rich crimson scarlet.

Deutscher Turnergruss—Crimson scarlet, edged white.

Grace—Cerise shaded violet.

Gem of Lilliputs—Dark scarlet.

Guiding Star—One of the very finest whites. 15c each; \$1.50 per doz.

BEST LARGE FLOWER'G DOUBLE DAHLIAS.

Duke of Bulgaria—Deep carmine, shaded rose, fine form.

Lehrer Carl Sachse—Bright red, tipped heavily with golden yellow.

Marguerite—Lilac pink of fine form, one of the best.

Penelope—White, tipped with purple, fine.

Wacht am Rhine—A peculiar shade of lilac.

White Bedder—Fine white.

15c each; \$1.50 per doz.

BEST SINGLE DAHLIAS.

Amie Barillet—Richest scarlet.

Blumenfalter—Rosy purple.

Fashion—Crushed strawberry.

Isaac Pitman—Crimson striped maroon.

John Hummerston—Pleasing buff.

Miss Ramsbottom—A lovely pink.

15c each; \$1.50 per dozen.

EUONYMUS.

A very handsome evergreen shrub, nearly hardy here. The leaves are dark glossy green, richly variegated with yellow and white. It makes a very ornamental pot plant for the house. It grows symmetrically, forming a miniature tree.

Argentea—A beautiful variety of upright growth, leaves broadly margined with yellow; the most decorative sort. 15c.

Bicolor—A variety of erect growth, with a bright yellow blotch in center of each leaf; a fine pot plant. 15c.

Variegata—Of strong, upright growth; leaves margined with white. 15c.



Echeveria.

EUCHEVERIA.

This plant is both novel and interesting. They are useful either as pot plants for decorative purposes, or for bedding out in summer. Being natives of arid countries, they thrive best in a dry situation, growing where most other plants would fail.

Californica—Yellowish cast. 5c.

Secunda Clauca—White. 5c.

FICUS.

Elastica—(*India Rubber Tree*)—It is difficult to find in nature anything more magnificent than the foliage of this plant when well grown. The plant is of free, vigorous growth, and is one of the finest decorative plants in cultivation. 25c, 50c to \$1.00 each.

FITTONIA, VERSCHAEFFELTI.

An extra good plant for pots, vases or window boxes. The leaves are distinctly striped with pink, which with its dwarf habit makes it a desirable and odd plant. Each 15c to 50c.

FUCHSIAS.

The Fuchsia is certainly one of the finest and most popular in cultivated plants, with graceful habit and beautiful flowers, and of easiest culture. They may be grown either as pot plants, or planted out in a partially shaded situation.

Double.

Avalanche—Sepals bright carmine, corolla dark purple.

Elm City—Sepals rich crimson, corolla purple.

Jupiter—A French variety of recent introduction, and the finest mammoth flowered double-purple Fuchsia to date. Flower of enormous size, with very large rich violet purple double corolla, often two inches and over in diameter, tube and sepals bright crimson.



Storm King.

Mad. Van der Straus—Pure red color, large, and pure white.

Mrs. E. C. Hill—A splendid double white; one of the best.

Molesworth—Sepals red, recurved, large, extra good, double white.

Phenomenal—One of the largest purple Fuchsias; corolla of immense size.

Storm King—Fine white, and of great freedom of bloom; habit dwarf.

Each: In 4-in. pots, 35c; 3-in. pots, 25c; 2-in. pots, 15c.



Fuchsia Phenomenal.

Single.

Black Prince—Corolla reddish rose color, sepals rosy carmine.

Display—Strong growing plant, corolla red, with deep or outer petals.

Earl of Beaconsfield—Sepals light rosy carmine, corolla deep carmine.

Mrs. Marshall—White tube and sepal, corolla bright rose.

Prince Arthur—Dark red center, corolla light rose.

Speciosa—Bright crimson. sepals bluish.

Each: In 4-in. pots, 30c; in 3-in. pots, 20c; in 2-in. pots, 10c.

FARFUCIUM GRANDE.

A fine foliage plant, with leathery dark green leaves, distinctly blotched golden yellow. 25c.

FEVERFEW—Dwarf.

Little Gem—This variety surpasses all others in every way. It is very dwarf, attaining a height only of from eight to twelve inches. The flowers are large, of perfect form, and of the purest white. 10c.

FERNS.

No class of plants are better adapted for growing in Wardian cases and for planting on rock work in moist and shaded situations. Those enumerated below are all handsome and of easy culture.

Adiantum Capillus Veneris—(*Maiden Hair Fern*)—Very graceful and easily grown. 10c.

Adiantum Cuneatum—Extensively grown for cutting. 15c.

Nephrolepis Exaltata—(*Sword Fern*)—Of strong and upright growth. 20c.



Pteris Serrulata—Very fine for cutting; most charming shades of light and dark green. 10c.

Pteris Argyrea—Has a bold foliage, lined with silver in center; a grand decorative plant. 25c.

Pteris Tremula—10c.

GLOXINIA.

Are among the handsomest of summer blooming plants. Bulbs should be started in the spring in a warm place. They require partial shade and a liberal supply of water while growing. 25c each.

GERANIUMS.

These plants give universal satisfaction. The flowers are large and showy and embrace nearly every shade and color. Bedded out they make a gorgeous display all summer, while as pot plants they have few, if any, equals. Our list contains the cream of the newest introductions. Special prices will be given for large quantities.

Those denoted with an "F" are French varieties.

DOUBLE.

Adrian Corret—Dwarf in habit, constant bloomer, flowers large and grand, of a striking magenta color.

A Fleuret—One of the most striking Geraniums, orange shading over currant red, a free bloomer.

Baron Darantease—A beautiful Geranium in every particular, magnificent flowers of fine crimson color, upper petals scarlet.

Bonne de Laberterie—Very soft rosy flesh color, trusses good size, florets large and beautiful

Castelle Mendez (F)—Deep purple with upper petals marked with a white spot. The pink is so deep anyone at first glance would think it purple.

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

Firenzi—Variety red, rich and glossy; for a dark red it cannot be beat.

Grand Chancellor Faidherbe—The flowers are very thick and double, of a dark scarlet, and heavily shaded with maroon.

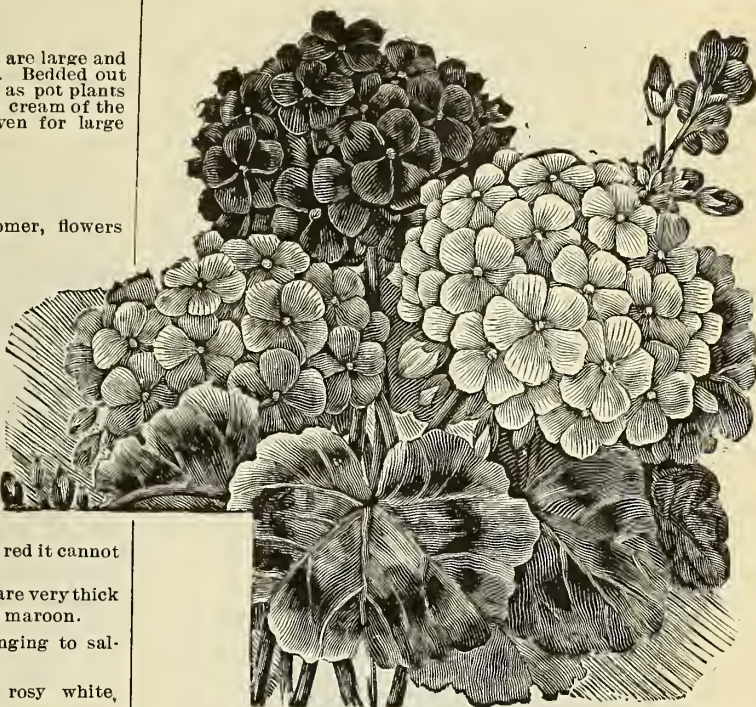
Gen. Courcy—Enormous trusses, brick red, changing to salmon, marbled with white.

Clorie de France—Flowers large and double, rosy white, with dark salmon center; a grand, distinct variety.

Kokoma—Strong grower, color salmon red, free bloomer.

La Pointevin—Large salmon colored flowers, very fine.

La Pilote—Glowing crimson scarlet, very brilliant; handsomely formed flowers, beautiful in their rich coloring.



Geraniums.

Mrs. Chas. Pease—Habit dwarf; flowers of an exquisite deep pink color, with the upper petals of each flower distinctly marked with pure white.

Princess d'Anhalt—(See cut). Pure snow white, large trusses of perfect form; a free bloomer and good bedder; splendid.

S. A. Nutt—Rich, dark crimson; trusses large and well formed.

Villa de Blonday (F)—An extra good light pink.

William Kelway (F)—Enormous trusses, florets double and fiery scarlet; an extra fine Geranium.

Sunlight—Intense fiery salmon, shaded orange, large, bold truss.

10c each; \$1.00 per dozen.

SINGLE.

Adirondack—Pink center, shading to white; free bloomer and good for cutting purposes.

Beauty of Louisville—Strong growing plant, flower a rich dark red; excellent bloomer.

Black Prince—Resembling above, but not as strong a grower; flower larger.

Gracie—White, with a distinct red ring around a small pure white eye.

Gloria de Pointevin (F)—Large flowers of a perfect form; intense scarlet.

Jeannie de Arc (F)—A grand variety, the flowers and florets of an extra large size; color carmine scarlet.

Mrs. E. C. Hill—This must not be confused with the old Geranium bearing the same name; color a soft light salmon, bordered with a rich glossy salmon.

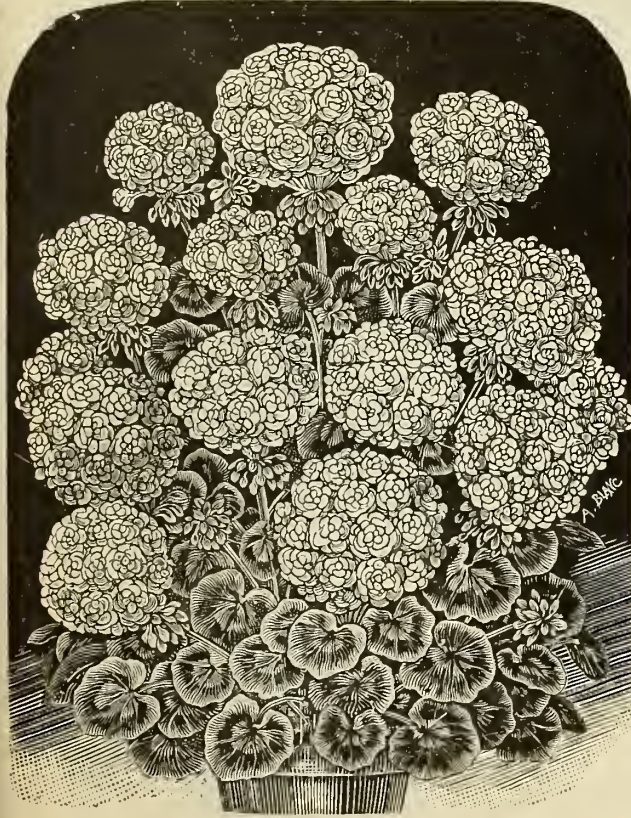
Mrs. Moore—Pure white, with a beautiful ring of bright salmon around a small white eye; habit dwarf; free flowering.

Master Christine—One of the brightest and best pink Geraniums in cultivation; a free grower and profuse bloomer.

M. A. Coddard—Velvety purplish red, center capucine.

Queen of Belgium—A new and extra fine variety of Single White Geranium. It is a strong and healthy grower, and good bloomer. Color of the purest white, trusses large and well formed, and are borne on strong stems, and we know that all who get *Queen of Belgium* will be well pleased with it.

10c each; \$1.00 per doz.



Geranium—Princess d'Anhalt.

GERANIUMS—Continued.

Queen of the West—Orange scarlet, fine bedder, large truss and free bloomer.

Sam Sloan—Deep crimson scarlet, large trusses; a fine bedder.

Sidney—Our novelty in Geraniums, a handsome rosy pink and a No. 1 bloomer.

Souv de Mirande (F)—Without a doubt the best bedding Geranium. The color is a striking, soft rosy pink in center, shading outward with a deeper pink.

Trophie (F)—The most peculiar shade of Geraniums we have ever seen. The nearest of any to a pure lilac, it has a blue pink cast.

White Perfection—Pure white, free bloomer.
10c each; \$1.00 per dozen.

DOUBLE IVY-LEAVED GERANIUM.

The grandest of all house plants, or for baskets or vases. They are of easy growth and can be trained on trellises or grown to droop, being covered from January to October with a profusion of large trusses of flowers.



New Ivy-Leaf Geranium.

Horace Choisel—Glowing salmon pink.

Joan of Arc—The flowers are perfectly double, white as snow and literally cover the plant when in full bloom. The foliage is extremely handsome.

La Rosiere—Immense trusses of large, full, and well formed flowers of a rich, warm, salmon pink color; surpasses in beauty all the colored varieties.

Marchee—The grandest of all Ivy Geraniums; an extra free bloomer, with large, well formed trusses; of a bright pink color; immense petals.

Mme. Thibaut—Very rich deep rose.

St. Louis Red—The only scarlet of a clear color; strong and good bloomer.

10c each; \$1.00 per doz.

SCENTED GERANIUMS.

These are old favorites, and always in demand for their varied scents. Some of the varieties have also pretty flowers.

Dr. Livingston—Fine cut leaved.

Lemon—Small crisp leaves; strongly lemon scented.

Mrs. Taylor—A distinct variety, with a strong rose fragrance and large deep scarlet flowers; very free flowering.

Oak Leaved—Large leaves, with a broad, black mark.

Nutmeg—Free flowering; small leaves, resembling those of apple scented.

Rose—The common Rose Geranium.

Variegated Rose Scented—A sport from the rose scented variety; leaves bordered with white, sometimes assuming a pinkish tinge; very showy. 15c each.

10c each, except where noted.

GERANIUMS WITH VARIEGATED FOLIAGE.

Corinne—Clear, golden yellow foliage, flowers double, fiery orange.

Distinction—Leaves deep green, encircled near the edge with a distinct narrow belt of deep black, giving the plant a unique and novel appearance.

Freak of Nature—A very distinct Geranium with white center and green edges.

Happy Thought—Center of the leaf creamy yellow, with a broad margin of deep green; flowers magenta; dwarf habit; valuable.

Magician—Yellow and red center, outer edge green; strong grower, and conceded to be the best bloomer of this class.

Mrs. Laing—Deep green, with white border and white carmine zone.

Mrs. Pollock—Ground color deep green; zone bronze crimson, the margin of which is flamed with scarlet.

Mad. Seleroi—Rarely reaching the height of more than six inches, leaves very small, of a peculiar clear green, edged with pure white.

Marshal McMahon—Leaves a golden yellow, marked with a deep chocolate zone; a good bedder.

Mountain of Snow—Leaves bright green, broadly margined with pure white.

Mrs. Clutton—Creamy white margin, zone of red and black.

Prince Bismarck—Foliage yellowish green, with narrow zone of deep chocolate.

15c each; \$1.50 per dozen.

CENISTA CANARIENSIS.

Showers of Gold.

Another addition to the list of plants for pot culture. In late winter it is a solid mass of bright golden flowers. The plant is hardy and vigorous, and very easy to grow.

Small plants 15c; large 50c.

HELIOTROPES.

Nothing can take the place of the Heliotrope in a bouquet. What they lack in brightness of color they fully compensate for in their delicious fragrance. They are suited either for bedding or for pot plants, and the delicious flowers are used very largely at all seasons for floral work.

Florence Nightingale—Fine, lavender, dwarf habit, very fragrant.

Mrs. Livingstone—Dark violet blue.

Madame de Blonay—Very large trusses of nearly pure white flowers; free bloomer. Makes a beautiful pot plant.

Queen of Violets—Color of the deepest violet purple, with large, almost pure white eye. This is without doubt the finest dark variety we have seen; will please all who grow it. An acquisition.

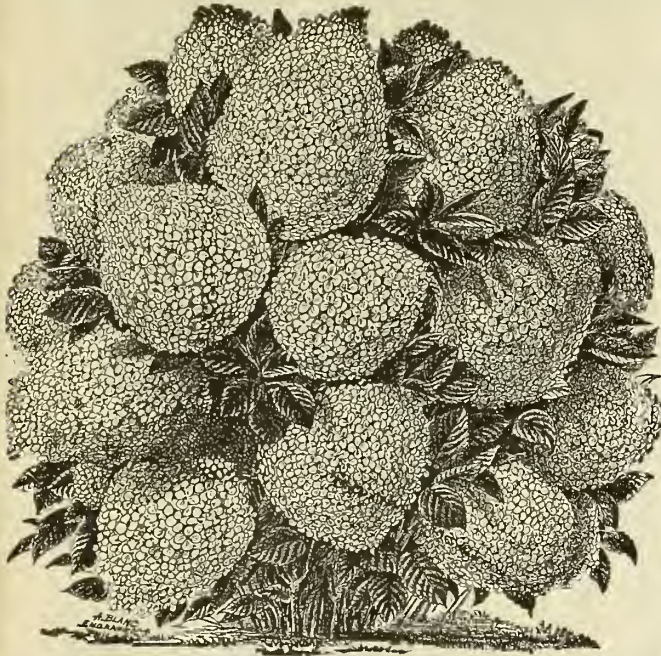
10c each; \$1.00 per dozen.



Heliotrope—Queen of Violets.

HYDRANCEAS.

Well known favorite plants. Their immense heads of bloom make them very conspicuous. For decorative plants they make a fine effect.



Hydrangea—Paniculata Grandiflora. (Hardy.)

Hydrangea—(*Paniculata Grandiflora*)—One of the finest hardy shrubs in cultivation. It has no equal for cemetery decoration. 25c each.

Hortensia—A well known and favorite variety producing large heads of pink flowers; it thrives best in a shaded position and plenty of moisture. 10c to 25c each.

Hortensia Variegata—An exceedingly ornamental plant; the leaves are deep green, margined with pure white, fine for shady positions. 10c to 25c each.

Remis Picta—(*Red Branched*)—The new growth of wood is a deep redish purple, making it distinct from any other variety, color of flowers deep rose or light cherry, which are produced in immense sized trusses; a grand variety. 15c each; \$1.50 per doz.

HELIANTHUS, MULTIFLORUS PLENUS.

Double Japanese Sunflower.

Both fashionable and beautiful for cut flowers. The plant is perfectly hardy, growing three to four feet high, and planted either single or in clumps on the lawn, makes a fine effect. The flowers are golden yellow and very double. 15c each; \$1.50 per doz.

HIBISCUS.

Shrubby plants, with dark, glossy green foliage, and large, showy flowers, often measuring four inches in diameter, well adapted for bedding out, and form most gorgeous objects when in full bloom.

Brilliantissima—The largest flowered of all the single varieties; brilliant crimson scarlet, flushed with orange, the base of petals stained deep crimson; an extra fine variety, making fine specimens.

Double Sulphur—Very prolific bloomer, flowers medium size.

Lutea Plena—Double orange, most distinct in appearance.

Rubra Fl. Pl.—Dark red flowers of elegant form, large and double.

Rosa Sinensis—Large, single red, free bloomer.

Zebrina—Yellow ground, with bright scarlet stripes, well marked, very odd.

15c each; \$1.50 per dozen.

IVIES.

English—For winter in-door decoration this is unsurpassed; also well adapted for baskets and vases. 10c to 25c according to size.

German or Parlor—A rapid growing trailing plant, with yellow flowers. 10c.

IPOMEA NOCTIFLORA—Moon Flower.

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

LANTANAS.

These useful, healthy, free blooming bedding plants are invaluable for the summer decoration of the garden, and are in addition easily managed and constant winter bloomers.

Delicatisima—Pink lilac, trailing.

Don Calumet—Bright orange pink.

Firefly—Yellow center with red fiery eyes, a solid mass of flowers during the whole summer.

Globe de Or—Flowers small, pure bright yellow, plant semi-dwarf and bushy, very free flowering.

Innocence—Dwarf. Light sulphur, changing to pure white.

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

10c each; 75c per doz.

LAURESTINUS.

A small evergreen shrub, with an abundance of white flowers in flat compound cymes; valuable for winter decoration. 10c to 25c.

LOBELIA.

Among the most useful plants for hanging baskets, or for the front or outside row in ribbon lines. Their dwarf habit, and the profusion of their flowers render them exceedingly ornamental.

Erinus Cracilis—Trailing blue. 5c each.

Erinus Compacta Oculia—Dark blue, with a distinct white eye. 5c each.

MAURANDIA VINE.

A beautiful trailing vine and very rapid grower; fine for hanging baskets and vases. 10c each.

MESSMBRYANTHEMUM (Ice Plant).

Cordifolium Variegatum—A beautiful variegated variety with star-like flowers; a good trailer. 15c each.

MOSQUITO PLANT.

Very odd plant, the flowers resembling a mosquito. We have them in two colors, pink and white. A constant bloomer. 10c each; \$1.00 per doz.

MYRTLE—Crape.

A neat little tree bearing exquisitely fringed pink blossoms. 10c to 25c.

MICNONETTE—Giant.

This is quite an improvement over the old varieties. Nice well grown plants. 5c.



Myosotis (Forget-Me-Not).

MYOSOTIS—Forget-Me-Not.

Neat and beautiful little plants with star-like flowers; succeed best in a shady, moist situation; the flowers are of a beautiful blue color. 10c.

NASTURTIUM.

This well known annual is one of the best for trellis and arbor decoration. Flowers of a great variety of rich colors. Also excellent for vases and baskets.

Tall—Fine colors. 5c each; 50c per dozen.

Dwarf—Fine colors. 5c each; 50c per dozen.

NIEREMBERGIA GRACILIS.

A well known hedging plant of slender, grass-like habit, with bluish white flowers an inch in diameter; flowers from June to November. 10c each.

OLEANDERS.

Well known and popular plant, unsurpassed for hardiness, freedom of growth and beauty of flowers.

Madonna Grandiflora—Fully as large as the double pink and nearly as double; pure white; strong habit. 25c.

Rosea Splendens—The common double; rose colored. 25c.
Large plants 50c to \$1.00 each.

OXALIS.

The three varieties named below are the very best of this popular basket plant, and we can recommend them without hesitation.

Bowie—Large, bright rose color, and a strong grower. 5c each.

Bermuda Buttercup—Color yellow; profuse bloomer. 10c.

White—Large flowers; the best of whites. 5c each.

PANSIES.

As we have given this plant special selection and cultivation, the stock offered can be relied on as embracing the best from foreign and domestic collections. It combines with flowers of the largest size and finest form the most exquisite gradations of color. Good strong plants, 5c each; 50c per dozen.

PRIMROSE—Mexican.

A charming plant which in its freedom of bloom excels all others. The flowers are almost three inches in diameter, cup shaped, of a beautiful bright pink color with scarlet veins, and have a large, showy white center. It is a plant of easy culture and will succeed in any soil or situation, and blooms in great profusion all through the summer and autumn. 10c each; \$1.00 per dozen.

PASSIFLORA, QUADRANGULARIS VARIEGATA.

A pretty variegated variety, having large foliage which is mottled with bright golden yellow spots and light colored, almost white flowers. 15c each.

PILEA ARBOREA.

A very neat and pretty plant, resembling some of the ferns in general appearance. Its graceful habit makes it desirable for baskets and vases. 10c each.

PALMS.

Our collection contains the most suitable and desirable specimens for the parlor or conservatory. Among them are found some of the most ornamental plants. The Palms have become exceedingly popular for decorative purposes and are well deserving of all attention they receive. Price 50c to \$5.00 each, according to size.



Palm.



Pandanus Utilis.



Dracena Indivisa.

Pandanus Utilis—For majesty of form and gracefully arranged foliage, this is without a peer as an ornament for the window; its glossy dark green foliage renders it unusually attractive. It is also largely used to decorate halls in the finest private residences, and shows grandly on the lawn when grown to sufficient size. Price, 25c to \$1.00 each.

Dracena Indivisa—Of all the plants in use for center of vases, baskets, or for beds in the open ground, nothing is so valuable as this. From its graceful, drooping habit it is sometimes called the "Fountain Plant." Price 25c, 50c, 75c and \$1.00, according to size.

PÆPEROMIA.

Pretty dwarf-growing plants, requiring partial shade and moisture; suitable for baskets, vases, ferneries, etc.

Resedœflora—This plant bears tiny, spire-like spikes of white flowers at the apex of pink stems, the lower portion of which are clothed with small velvet leaves. 20c each.



Petunia—Double.

PETUNIAS—Double.

Few plants have so much improved as the Petunia. The double flowers are of very much greater size than the largest of the singles, and are very richly colored. They flower freely and continue often even after hard frost.

Argus—White, blotched purple.

Aurora—Dark carmine, heavily fringed.

Coronet—Fringed white, blotched lake.

Venus—Double pink, heavily fringed.

Elfrida—Fringed white, shaded rose.

Flora—White, blotched purple.

Snowdrift Improved—Pure white, large and heavily fringed; a grand variety.

10c each; \$1.00 per dozen.

PELARCONIUM.

This class is better known as Lady Washington Geraniums. The flowers are large and of the richest tints. There are few plants that make a more beautiful and satisfactory display when they receive the care and attention they need.



Pelargonium.

Beauty—Crimson maroon petals, shaded to a white center; dark spot in center of each petal; free bloomer.

Captivation—Pure white, dark spots.

Eclipse—Blackish maroon, edge crimson, light center.

L'Avonir—Beautifully striped white and crimson.

Maddon's Victor—Upper petals almost black and very velvety; lower ones a bright lively crimson; center pure white; very showy.

10c each; \$1.00 per dozen.

PLUMBAGO.

Capensis—A most beautiful Plant, producing freely throughout the summer and fall large trusses of azure blue flowers, forming a pleasing contrast to the numerous scarlet bedders. 10c.

PYRETHRUM—Golden Feather.

A splendid plant for edging flower beds. Its yellow foliage makes a very pleasing contrast against the green foliage of other plants. 10c each; 75c per dozen.

ROSEMARINUS (Rosemary).

Very sweet scented, dwarf-growing plant of easy culture, and well known. 10c.

SALVIAS.

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

Apple-Scented—This plant will be highly appreciated when known, as it possesses the same strong apple scent as the well known Geranium; is of free growth, and produces numerous rich crimson flowers.

Marmorata Nana—A dwarf grower and very profuse bloomer; flowers beautifully marbled scarlet and white.

Splendens Cordoni—One of the finest of fall blooming plants, being completely covered in autumn with long spikes of dazzling scarlet flowers.

Splendens Alba—A white flowering variety, forming a pleasing contrast when planted with the scarlet.

10c each.

STEVIAS.

These are very useful for their pretty white flowers produced in winter.

Serrata Nana—Never grows over eighteen inches high, and produces a far denser mass of flowers than the old variety; the flowers are whiter, and it is a great improvement in every respect. 10c each.

STEPHANOTIS FLORIBUNDA.

One of the most charming hot-house climbers, growing rapidly, with long, glossy, deep green foliage, and producing clusters of pure white flowers, deliciously fragrant; very extensively used for cut flowers. 10c to 25c cents.

SWAINSONIA CALECIFOLIA ALBA.

A native of Australia, of very graceful habit; the vines trained up on the side of a window or a trellis present a lovely sight; the foliage is a light green, while the flowers are pure white resembling Sweet Peas. Easily grown, and under favorable conditions almost a perpetual bloomer. 15c each.

TRADESCANTIA.

The following varieties of Tradescantia, often called Wandering Jew, have beautiful marked foliage, and are fine for hanging baskets and vases, or for house culture, as they will endure almost any hardship, if liberally supplied with water.

Alba Lineata—Strong grower, with beautiful yellow lines running the full length of the leaves.

Multicolor—Leaves beautifully striped with white, crimson and bright olive green, sometimes sports.

Zebrina—Leaves dark green, with silvery stripe.

10c each.

VERBENA.

The Verhena of the present day has no equal for bedding purposes and you have the satisfaction of knowing that they will grow, bloom, spread, and become more beautiful from day to day.

Beauty of Oxford—Mammoth pink, good bloomer.

Big Blue—Deep blue.

Blue Belle—Blue, with distinct white eye.

Firefly—Dark red.

Fragrance—Bright pink, evenly striped with red; a strong, upright grower.

La Princess—Lilac.

Lavender—A pleasing shade of blue.

Mrs. Cleveland—Large pure white.

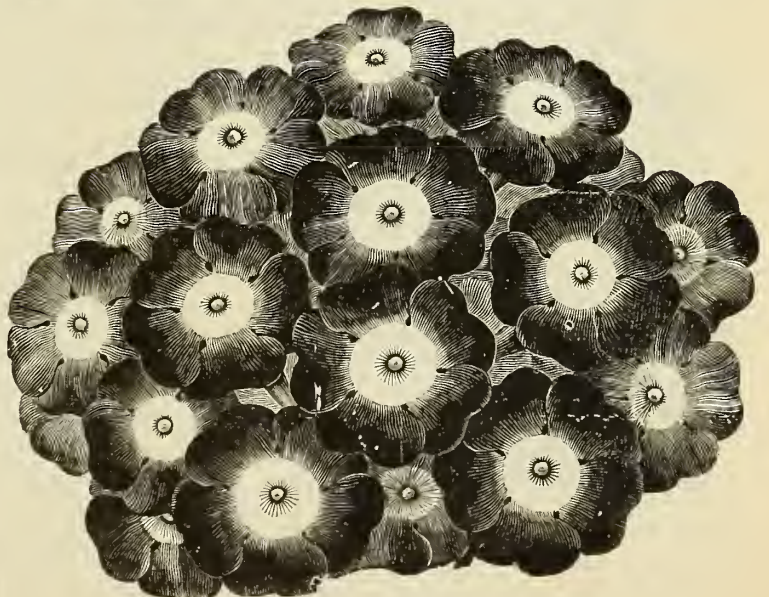
Mrs. Woodruff—Extra large flowers, color a rich shade of scarlet.

Negro—Purplish black.

Rosy Morn—Delicate rose color.

White Queen—Pure white, sweet scented.

5c each; 50c per doz.



Verbena, Blue Belle.

VINCA (Periwinkle).

Fine bedding plants, and being continuous bloomers they are very useful for cut flowers. The plants will bloom from the time they are planted until stopped by frost. We have three colors: pure white, pink, and pink with white eye. 10c each; \$1.00 per doz.

VIOLETS.

Three Fine New Varieties.

Luxonne—Without doubt the best single variety now grown; flowers are large and of a beautiful rich, but soft violet purple color, which grow on strong, long stems. 25c each.

VIOLET.

Californica—This variety is already becoming popular as the successor of *Victoria Regina*, and deserves its popularity, as its strong, long stems make it more valuable than the old variety. 15c each; \$1.50 per doz.

NEW RED VIOLET.

Admiral Avellan—A French variety with distinct reddish purple flowers; entirely new from anything yet introduced. 35c each.

Abridged List of Flowering and Ornamental Plants.

Lack of space prevents us giving extended descriptions of the following well known and useful plants :

	Each.	Doz.		Each	Doz.
ANTIRRHINUM —Choicest mixed. All colors	\$.05	\$.50	IMPATIENS SULTANA —One of the prettiest flowering plants.....	\$.10	.....
AMARANTHUS (<i>Joseph's Coat</i>)—Three sorts.....	.05	.50	JASMINUM (<i>Grandiflorum</i>)—A valuable winter blooming plant .....	.15	.....
BALSAM —Mixed.....	.05	.50	KENILWORTH IVIES —A neat and delicate plant. ....	.10	.....
CUPHEA PLATYCENTRA (<i>Segar Plant</i>) and <i>Hys-sopifolia</i> .....	.10	1.00	LEMON VERBENA —Valued for its fragrant leaves .....	.10	\$1.00
COCKSCOMBS —All colors mixed. Ready May 1st..	.05	.50	MANATTIA VINE —Excellent climber.....	.10	.....
CENTAUREA GYMNOCARPA —Fine for hanging baskets.....	.05	.50	MESEMBRYANTHEMUM (<i>Ice Plant</i>).....	.10	1.00
DIANTHUS (<i>Summer Garden Pinks</i>)—All shades of color..	.05	.50	PHLOX DRUMMONDII —All colors.....	.05	.50
HOYA CARNOSA (<i>Wax Plant</i>)—An excellent climbing plant	25c to 50c each		POINSETTIA PULCHERRIMA —A tropical plant. ....	.15	.....
			SMILAX —Climber.....	.10	1.00
			VINCAS —Trailing sorts .....	.10	1.00
			ZINNIA —Ready May 15th. All colors mixed.....	.05	.50

≡ CUT FLOWERS. ≡

To this branch of our business we would call special attention, as we are prepared at all times to furnish fresh cut flowers grown in our own houses, which are far superior to flowers handled by commission dealers.

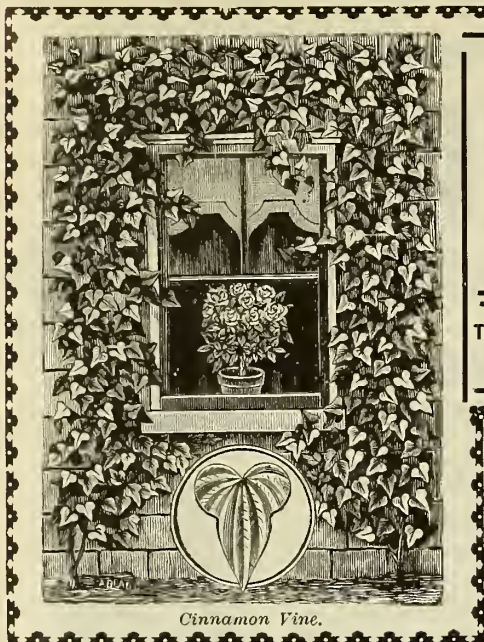
Artistic Arrangement in the way of arranging cut flowers into designs of any shade desired we stand second to none in the West, which is easily proven by yearly increase and demand for our floral work. Terms for cut flowers strictly CASH. Orders by mail or telegraph must state prices customers wish to pay. To accommodate such customers we give an

APPROXIMATE PRICE LIST.

<i>Bride's Bouquet of Choice Flowers</i> , with lace and satin papers or silk fringe.....	\$1.00 to \$5.00	<i>Faith, Hope, and Charity</i> , each separate, oblong base.....	\$3.00 to \$10.00
<i>Bridesmaids' Bouquets</i> , with lace and satin .....	.50 to 2.00	<i>Faith, Hope, and Charity</i> , frames combined.....	4.00 to 10.00
<i>Hand Bouquets</i> , for parties.....	.25 to 1.00	<i>Gates Ajar</i>	5.00 to 25.00
<i>Table Bouquets</i> .....	.50 to 5.00	<i>Harps</i>	3.00 to 5.00
<i>Boutonnaires</i> 10c to 25c each. Per doz. ....	.60 to 2.00	<i>Harps, on stands</i>	4.00 to 10.00
<i>Baskets</i> , oval, with handics.....	.50 to 5.00	<i>Hearts</i>	\$1.00 to \$3.00
<i>Baskets</i> , round or oval, flat.....	.50 to 5.00	<i>Horseshoes</i>	1.00 to 3.00
<i>Anchors</i> .....	.75 to 5.00	<i>Lyres</i>	3.00 to 15.00
<i>Anchors, on stands</i>	3.00 to 10.00	<i>Lyres, on stands</i>	4.00 to 10.00
<i>Bells</i>	5.00 to 15.00	<i>Masonic Designs</i> , Square and Compass.....	4.00 to 10.00
<i>Broken Columns</i>	5.00 to 15.00	<i>Monuments</i>	3.00 to 10.00
<i>Bow and Arrow</i>	2.00 to 5.00	<i>Odd Fellows' Designs</i>	3.00 to 8.00
<i>Crosses</i> .....	.75 to 5.00	<i>Pillows</i>	3.00 to 15.00
<i>Crosses, Maltese</i>	1.00 to 3.00	<i>Sickles</i>	1.00 to 5.00
<i>Crosses, on stands</i> ..	3.00 to 10.00	<i>Stars</i>	1.00 to 3.00
<i>Crowns, flat</i>	1.00 to 3.00	<i>Wreaths</i>	\$.75 to \$5.00
<i>Crowns, round</i>	3.00 to 10.00		



Address all Letters or Telegrams to our Office: 424 Commercial Street.



Cinnamon Vine.

HARDY CLIMBERS.

Ampelopsis Veitchie (*Japan Ivy*)—Very valuable for covering walls as it firmly clings to the surface, hardy in this latitude, leaves bright green, changing to rich crimson in the fall. Each 25c; or five for \$1.00.

Bignonia Rudicans (*Trumpet Flower*)—Rapid climber with large scarlet trumpet-shaped flowers, very showy. 25c each.

CINNAMON VINE.

A fine hardy climber, and well known in some parts of the country as Chinese Yam. The tubers grow very large, and are edible, like a sweet potato. The vine is a beautiful rapid grower, producing sweet-scented flowers. 10c each; 75c per dozen.

CLEMATIS.

The most splendid of climbers, perfectly hardy and free bloomer.

Clematis Paniculata (*New sweet-scented Japan Clematis*)—Foliage remarkably clean and healthy, and very free from insect enemies; of a deep, clear glossy green, flowers pure white.

Jackmanii—Dark purple.

Lady Caroline Neville—Blush white.

Lucy Lemoine—Double snow white.

Henrie—Creamy white, strong roots. 75c each.

HONEYSUCKLE.

Well known and popular.

Chinese—Flowers nearly white, and sweet scented, retains foliage till late in the fall. 15c each.

Scarlet Trumpet—Blossoms freely the entire summer, flowers bright and red. 15c each.

PASSION FLOWER.

Passiflora (*Passion Vine*)—One of the most rapid climbers with heavy dense foliage, unique and beautiful flowers of a pale lavender color. 20c each.

Constance Elliott—The flowers are pure white, excepting a very slight coloring at the base of the corolla. A decided acquisition. 20c each.

HARDY PERENNIALS.

Coreopsis (*Lanceolate*)—A beautiful, hardy bordering plant, producing bright golden flowers during the entire season, also fine for vases. 20c each; two for 35c.

Decentra Spectabilis (*Bleeding Heart*)—Very ornamental plant with drooping leaves of bright pink, and white flowers. 20c each; two for 35c.

Iris (*German Flag*)—Greatly improved in late years. We have the white, yellow and pink. 10c each; six for 50c.

HARDY FLOWERING Shrubs AND Climbers

The plants offered on this page are mostly old acquaintances. Some varieties have been greatly improved in late years, and they are all coming into favor again.

Hardy Perennials—Continued.

Phlox (*Perennial*)—There is no class of plants more desirable than perennial Phlox. We have them in red, pink and white. 10c each; \$1.00 per dozen.

PAEONIAS.

Magnificent hardy plants, almost rivaling the rose in brilliancy of color and perfection of bloom. They thrive in almost any soil or situation, and when planted in large clumps on the lawn make a magnificent display of flower and foliage. Some of the varieties are very fragrant; they are perfectly hardy, require little or no care, and produce larger and finer blooms when well established. The varieties offered embrace the best contrasting colors.

Double Red—25c each.

Double White—25c each.

EULALEAS—Ornamental Grass.

Japonica Var. (*From Japan*)—Leaves striped green and white.

Zebrina—Similar to above, but stripes run across the leaf and not up and down as on variegata.

Gracillima Univittata—Narrow green leaves with silvery white stripe in center of leaves.

25c each; or five for \$1.00.

HARDY SHRUBS.

Althea (*Rose of Sharon*) Very showy and beautiful, blossoms freely during August and September. We have the following varieties: *Double Rose*, *Double White*, and *Double Variegated*. 25c each.

Deutzia—A very desirable dwarf-growing shrub with pure white flowers. 20c each.

Lilac—Well known and one of the earliest flowering shrubs. Each 25c.

Spirea—Dwarf shrub with white flowers blooming throughout the season. 20c each.



Double Althea.

Snow Ball—This shrub is well known, flowers in June. 25c each.

Welgelia—One of the most conspicuous shrubs, flowers pink and the leaves indozined creamy white. 25c each.



Red Clover.



Meadow Fescue Grass.

FARM SEEDS

CHOICE,
SELECTED
AND RECLEANED

Grasses and Clovers

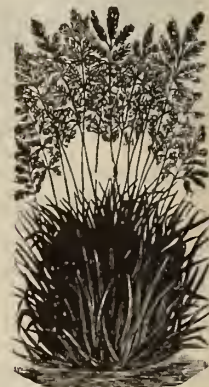
On account of the early publication of this Catalogue, we cannot bind ourselves to the prices given on Field and Agricultural Seeds. These are market articles, and prices are subject to variation; but purchasers may depend on having them at the price ruling from the store on the day of shipment, and of the best quality, and that we always will send as much seed as the money received will pay for.

Terms

Cash with Order. Two-bushel bags 15c each extra. Express or freight charges always to be paid by the purchaser, except if to be sent by mail, and sufficient money is sent to prepay postage.



Mammoth Clover.



Kentucky Blue Grass.

GENERAL LIST OF GRASSES AND CLOVERS. PRICES SUBJECT TO CHANGE.

CLOVERS.

MEDIUM RED CLOVER—The common Clover in general cultivation; grows two to three feet high, and is the best for hay. When used alone, sow about ten pounds of seed per acre. Per lb. 15c, bu. \$4.50.

MAMMOTH RED CLOVER—Grows four to six feet high. The variety best adapted to plowing under as green manure, on account of the enormous mass of tops and roots which it produces. Sow ten pounds per acre. Per lb. 15c, bu. \$5.50.

WHITE CLOVER—(White Dutch, *Trifolium Repens*)—The best of the Clovers for permanent pasturage, but prefers moist land. Mixed with Blue Grass or Perennial Rye Grass or Taller Oat Grass, it makes a permanent pasture of great grazing value. Sow six pounds per acre when used alone. Per lb. 25c, bu. \$10.00.

ALSIKE OR SWEDISH CLOVER—Hardy; resists extremes of drought and wet. It is well suited to sowing on lands liable to wash, as its long, fibrous roots spread over a wide area. Per lb. 20c, bu. \$7.00.

SCARLET OR CRIMSON CLOVER—This is an annual variety, and has been found to be a very profitable crop in the Middle States, on both rich and poor lands. It is seeded at any time from June to October. Per lb. 10c, bu. \$4.00.



Alfalfa Clover.

ALFALFA

thrives best in a warm and friable soil, above a subsoil porous or gravelly—the opposite of a stiff, compact clay, "gumbo" or "hardpan," or any stratum through which the roots penetrate with difficulty, although, occasional exceptions to the later are claimed as having been observed. A sandy loam soil appears to afford the most favorable conditions for Alfalfa growth where not irrigated. More than almost any other plant, it depends for its prosperity upon a subterranean rather than a surface water supply.

THE SEED

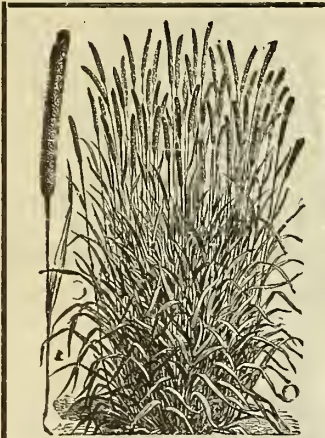
used should be free from seeds of weeds or other plants, and may be sown either broadcast or with a drill, and should be covered, approximately, with an inch of fine soil.

THE QUANTITY

of seed varies; if the crop is chiefly intended for seed raising, twelve pounds is often found sufficient, while, if a fine quality of hay is desired, sometimes as much as thirty pounds is sown; yet, twenty pounds represents nearly the quantity used by the generality of those who raise the crop for both hay and seed. If sown in the spring, it should be as early as danger from frost is past.

Lb. 15c, Peck \$1.25, bu. (60 lbs.) \$4.50.

GRASS SEEDS.



Timothy—Strictly pure.



German Millet.

TIMOTHY (*Herd's Grass*)—Starts late and grows rather slowly, flowering about four weeks after Red Clover. Sow twelve pounds per acre. Per lb. 7¼c; bu. \$1.25.

RED TOP—Thrives best on low lands, where it cuts a good crop of rather light hay, of fair quality. Suitable for low pastures. Sow one to four bushels per acre. Per lb. 10c; bu. \$1.00.

KENTUCKY BLUE GRASS (*June Grass*)—A very valuable pasture grass. Perennial, and spreads rapidly. Is sensitive to good treatment and will often drive out most other grasses. Sow two bushels per acre. *Fancy*, per lb. 15c; bu. \$1.75.

ORCHARD GRASS—This valuable grass is tender and palatable. If cut while in flower, or very soon after, it makes first rate hay; ripe, it makes poor hay. Makes excellent pasture. Sow 28 pounds per acre, if used alone. Per lb. 15c; bu. \$1.75.

MEADOW FESCUE (*Festuca Pratensis*)—A valuable grass for permanent pastures, very productive and nutritious. Per lb. 10c; bu. (24 lbs.) \$2.00.

ENGLISH RYE GRASS (*Lolium Perenne*)—A very nutritious, rapid growing variety, valuable for meadows and pastures. Per lb. 10c; (bu. 24 lbs.) \$2.00.

SWEET VERNAL GRASS—Useful as a mixture with other grasses, on account of its early growth. It emits an agreeable odor when cut for hay. Per lb. 20c.

SUPERIOR MIXED LAWN GRASS—Is a mixture of the best quality of such grasses as will withstand the heat and dry weather of our summers. The soil should be put in good condition before sowing and the lawn kept free from weeds the first season. The quantity of seed required is one pound to every four hundred square feet. Per lb. 20c; bu. (14 lbs.) \$2.00.

GERMAN, OR GOLDEN MILLET—Not so early as the Common Millet, but yields a much larger crop. Will grow from three to five feet high; the heads are closely condensed; spikes very numerous; seeds golden yellow, round in rough bristly sheaths. The stalks are soft, and readily eaten by all kinds of stock. Twenty-five to thirty-five pounds will sow one acre. Per lb. 5c; bu. (50 lbs.) 60c.

COMMON MILLET—Requires a light, rich soil, and grows two and one-half to four feet high, with a fine bulk of stalks and leaves, and is excellent for forage. Sow in drills or broadcast, from May 1st until the last of July; twenty-five to thirty-five pounds to the acre. Per lb. 5c; bu. (50 lbs.) 50c.

HUNGARIAN GRASS—A valuable forage plant. Succeeds well on dry, light, soil; withstands the drouth remarkably, remaining green when all other vegetation is pared up, and if its development is arrested by dry weather, the least rain will restore it to vigor. Sow at the rate of twenty to thirty pounds to the acre. Per lb. 5c; bu. (48 lbs.) 60c.



Orchard Grass.

CHOICE SELECTED SEED CORN

YELLOW CORN.

IOWA GOLD MINE—Is as near perfection as corn can be. It is early, ripening only a few days later than *Pride of the North*; ears of good size, color bright golden yellow; grains very deep and cob small. Seventy pounds in the ear makes sixty to sixty-two pounds shelled corn. ¼bu. 35c; bu. \$1.00.

DAKOTA YELLOW DENT CORN—This is the earliest Yellow Dent Corn in cultivation and comes from Southern Dakota. Stalks grow from 6 to 7 feet high, ears 7 to 9 inches long, very deep, soft grain and small cob; ripening usually in 80 to 85 days. ¼bu. 40c; bu. \$1.25.

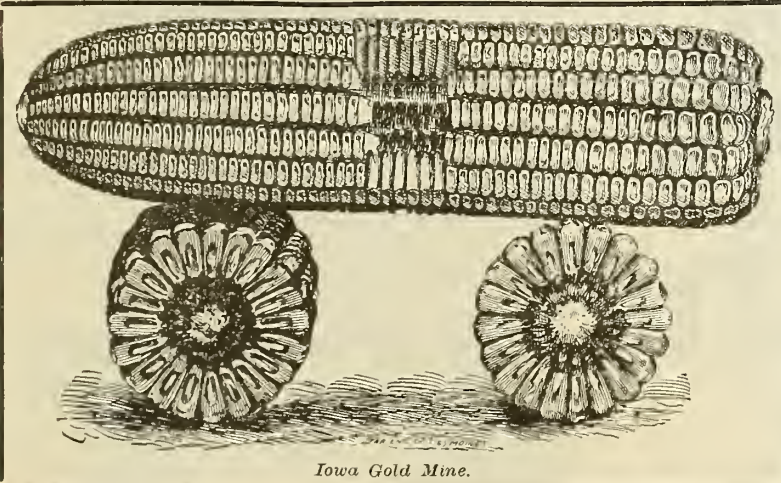
GOLDEN BEAUTY—From 12 to 16 rows; bright, golden kernels, very large, well filled to the extreme end of the cob. ¼bu. 35c; bu. \$1.00.

LEAMING—Ears good size, cob red and small, bright yellow grain; quite early. ¼bu. 45c; bu. \$1.00.

PRIDE OF THE NORTH, OR PRAIRIE QUEEN—A well known variety. A ninety-day yellow Dent, very small cob; 12 to 14 rows. ¼bu. 35c; bu. \$1.00.

EARLY MASTODON—A new early dent variety originated in Northern Ohio. The ear is *extra large*, with large deep grains; it grows strong, rank, quick, and makes fine appearing shelled corn—two shades of white and yellow. In the American Agriculturist corn contest of 1889, it outyielded all others, making the wonderful record of 213 bushels shelled corn to the acre. ¼bu. 30c; bu. \$1.00.

COMMON YELLOW SELECTED—¼bu. 25c; bu. 75c.



Iowa Gold Mine.

WHITE CORN.

KANSAS KING—A cross between the Hickory King and Champion White Pearl. It has medium high and very strong stalks, and stands heavy winds and storms without being blown down. ¼bu. 35c; bu. \$1.00.

HICKORY KING—Has the largest grains, with the smallest cob, of any white corn grown; generally bears two good-sized ears to the stalk. ¼bu. 35c; bu. \$1.00.

CHAMPION WHITE PEARL—Stalks short and thick; the grains are pure white, deep and heavy. 16 rows; highly recommended. Per. qt. 15c; pk. 35c; bu. \$1.00.

COMMON WHITE SELECTED—¼bu. 25c; bu. 75c.

Miscellaneous

Farm Seeds



PRICES

Subject to Market Fluctuation.
Two-Bushel Bags 15c extra each.

Express or Freight charges always to be paid by the purchaser. If wanted to be sent by mail, postage must be added at the rate of 8c per pound.

BARLEY.

Barley succeeds best on lands more sandy and lighter than those adapted for wheat. It is sown in the spring or fall. Unless it is intended for seed, it should be cut before fully ripe. Product from thirty to fifty bushels per acre. Bu. (48 lbs.) 75c.

SEED OATS.

Change your Seed Oats every few years and the investment will pay you well.

WHITE RUSSIAN—Very prolific, and with ordinary cultivation will yield 100 bushels per acre. They are extremely hardy. Per bu. 35c.

COMMON WHITE—Home grown. Per bu. 35c.

COMMON BLACK—Home grown. Per bu. 35c.

RYE.

We will sell this grain, to a large extent, early in the fall for pasture. Write us for prices as soon as crop is harvested. Per bu. 50c.



Giant Fodder Corn.

GIANT FODDER CORN.

GIANT FODDER—In proportion to the quantity of leaf, this variety has a smaller stalk than any other fodder corn known to us. In growth it is very tall and leafy, and yields an immense quantity of fodder of excellent quality. The extraordinary productiveness of the Giant Fodder Corn arises from the closeness of the joints, and as leaves are thrown out at every joint, the result is an increased yield of fodder over every other variety. Per lb. 20c, postpaid; by express or freight, peck 35c, bu. \$1.00.

JERUSALEM CORN.

Is pronounced the best and surest grain for dry countries. It grows about three feet high, makes one large head on main stalk. The grains are pure white and nearly flat. Three pounds will plant an acre. Per lb. 5c, bu. \$1.00.



Red Kaffir Corn.

KAFFIR CORN.

One of the most valuable forage plants. On very thin and worn lands it yields paying crops of grain and forage, even in dry seasons in which corn has utterly failed on the same lands. The whole stalk, as well as the blades, cures into excellent fodder, and in all stages of its growth is available for green feed.

White Kaffir Corn—Per peck 30c, bu. 90c.

Red Kaffir Corn—Per peck 30c, bu. 90c.

SORGHUM SEEDS.

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

CANE SEED—For sowing. Per bu. 50c.

EARLY AMBER—Popular and well known. It is the earliest variety, rich in saccharine matters; makes nice amber syrup and good sugar. Per bu. 75c.

EARLY ORANGE—Ten to fifteen days later than the Early Amber, a strong grower, and produces more syrup; an excellent sugar plant. Per bu. 75c.

COW OR SOUTHERN PEAS.

Sow from one and one-half to two bushels to the acre.

BLACK EYE—Round, oblong; creamy white, with a large black eye. Peck 50c, bu. \$1.50.

CLAY COLORED—Large seed of a blue clay color. Peck 50c, bu. \$1.50.

WHIP-POOR-WILL—The seeds are large, speckled brown in color. Peck 50c, bu. \$1.50.

FIELD PEAS.

Field Peas are sown for marketing dry, for split peas or for fodder for stock. Sow one and one-half to two bushels to the acre.

WHITE CANADA FIELD—Peck 50c, bu. (60 lbs.) \$1.50.



BUCKWHEAT.

Buckwheat should be sown about the middle of June, broadcast, at the rate of from one to three pecks per acre. The average yield is from twenty-five to thirty bushels per acre. It should be threshed as soon as dry. If allowed to stand in mass it quickly gathers moisture; therefore due attention should be given to handling it promptly

- JAPANESE—Peck, 35c; bu. \$1.00.
- SILVER HULL—Peck, 35c; bu. \$1.00.
- COMMON—Peck, 25c; bu. 75c.

BROOM CORN SEED.

MISSOURI VERGREEN—A favorite in Kansas, Nebraska, and Missouri. Grows to be a good length, and if cut at proper time has good color. Peck, 35c; bu. (46 lbs) \$1.00.

CALIFORNIA GOLDEN—An excellent standard variety; grows a very fine bush of good length, and is free from the large center stem. Peck, 35c; bu. \$1.00.

DWARF BROOM CORN—Grows from three to four feet high, with straight, smooth tops; principally used for whisks and brushes. 1/4 bu. 50c; bu. \$1.50.

CASTOR BEANS.

This crop is raised almost entirely, in this country, in Southwestern Missouri and Kansas. Pays well at fair prices. Is a good fertilizer, and is a good crop to follow flax. Peck, 50c; bu. (46 lbs.) \$1.50.

FIELD BEANS.

Plant after danger from frost is past, in dry, light soil. Best crops are grown in rich soil, but beans do well in ordinary soil, and should be grown in many sections to a greater extent than they now are. They are a most valuable food crop. Hoe frequently when the plants are dry, never when wet.

- MEDIUM WHITE—Hand picked. Peck, 60c; bu. (60 lbs), \$1.75.
- WHITE NAVY—Hand picked. Peck, 65c; bu. \$2.00.

PEANUTS.



The peanut thrives and produces best on a light, sandy, tolerably fertile soil. They may be planted in the pod, or shelled, two in a hill; it is best to drop about four in a hill on the level ground, the rows being laid off three and one-fourth feet wide, and the hills two feet asunder; cover them two or three inches. The white variety is generally preferred. 15c per lb.

FLAX SEED.

This crop has become very popular in Southwestern Missouri and Kansas. It is a quick crop, being sown in April and harvested in July, is always of ready sale at fair prices. Peck, 40c; bu. (56 lbs.) \$1.25.

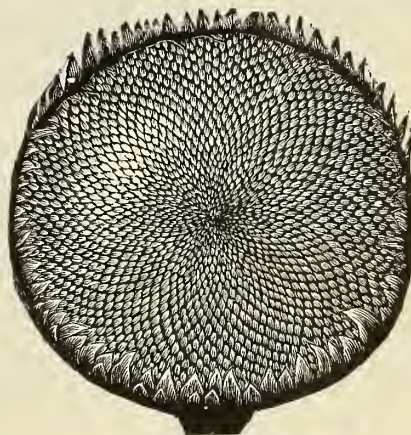
HEMP.

If raised for manufacturing, must be sown broadcast, at the rate of one-half bushel to the acre; if for seed, it should be planted in hills four feet apart, and the plants thinned out to three or four most vigorous stems in each hill. Peck, 50c; bu. (44 lbs.) \$1.50.

WILD RICE.

As an attraction for wild fowl it cannot be equalled. In large ponds and lakes it purifies the water and affords a refuge for the small fry from the large fish, also furnishing them plenty of food from the animalculæ upon its stalks. For planting in fish ponds it is especially desirable. It also does well along the shores of marshes, and makes a good hay. At the South two crops can be cut, and all cattle are very fond of it. Lb. 20c, bu. (20 lbs.), \$3.50. Write for prices on large quantities.

SUNFLOWER.



Mammoth Russian Sunflower.

The sunflower is rapidly acquiring a reputation as a valuable farm crop. Its seeds are superior food for poultry (said to improve the meat), and it has yielded forty bushels to the acre. The plant affords sufficient protection from malaria, and should be liberally planted in hedges about the house and in all districts where that insidious disease prevails.

MAMMOTH RUSSIAN—The best in all respects for a farm crop. Lb. 10c, bu. (24 lbs.) \$2.00.

TREE, FRUIT, AND HEDGE SEEDS.

If by mail 8 cents per pound must be added for postage.

	Per lb.	Per bu.
Apple .....	.30	\$6.00
Peach .....	.05	1.50
Catalpa Speciosa .....	.60	..
Walnut Black .....	..	.75
Locust Honey—For hedges .....	.25	..
Locust Black—For hedges .....	.25	..
Osage Orange .....	.30	..

BIRD SEEDS.

If to be sent by mail add 8 cents per pound for postage.

Our mixed bird seed is put up according to the best formula for the health of the birds, from the cleanest and choicest seeds.

Special prices on large lots.

	Per lb.	\$
Mixed Bird Seed07
Canary Seed07
Hemp Seed05
Rape Seed07
Cuttle Fishbone40

SEED DRILLS, CULTIVATORS, ETC.

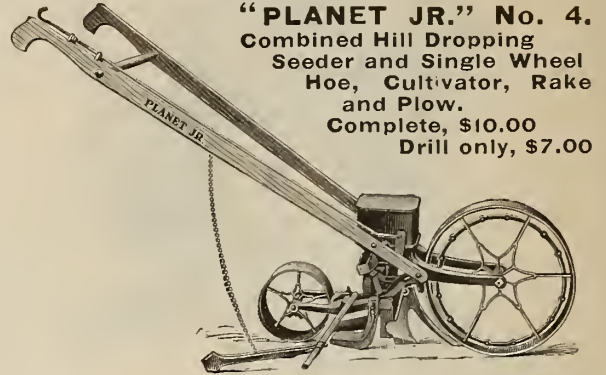
"Planet Jr." Garden Tools.

SPACE will not permit illustrating and describing all the "PLANET JR." TOOLS, but we will gladly send a fully illustrated catalogue to any who desire it; and we can supply promptly anything ordered. "PLANET JR." goods are standard machines and the best on the market. In sending your orders to us, you can rely on getting bottom prices.



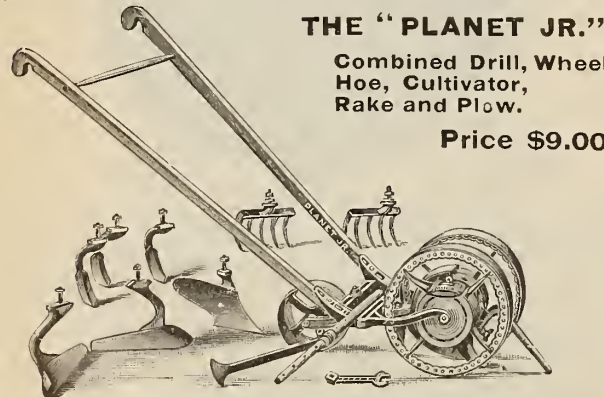
**THE "PLANET JR."
No. 5.
Hill Dropping Seeder.**
Price \$12.00

This newcomer is a great favorite, because it is unusually large, holding three quarts, yet very light running withal; and it is also a model of simplicity, strength, and durability. Its large capacity will suit all large growers, and yet works so perfectly that it will sow a single paper of seed or drop it in hills accurately, to the very last grain. In a word, no seeder has ever been made that compares with this newly perfected No. 5 "Planet J."—the 1897 surprise.



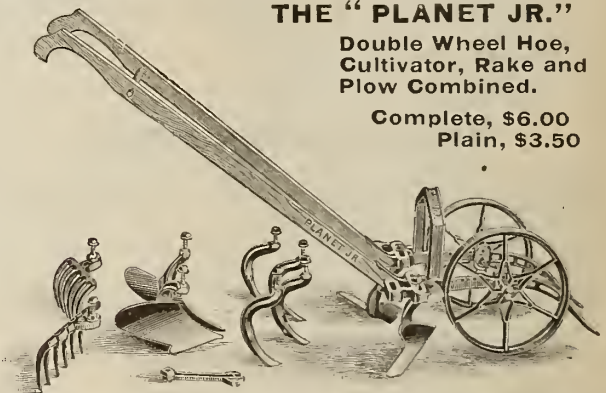
**"PLANET JR." No. 4.
Combined Hill Dropping
Seeder and Single Wheel
Hoe, Cultivator, Rake
and Plow.**
Complete, \$10.00
Drill only, \$7.00

It is like No. 5 in dropping in just the same way, just as accurately, and in handling the smallest paper of seed perfectly and to the last grain; has no loose parts, and is simple, durable, and very light-running. The drill is quickly detached and the tool frame substituted. It then becomes the most admirable Single Wheel Hoe of the "Planet Jr." family. Has a fine garden plow, two elegantly shaped, new style hoes, three delightful cultivating rakes, and a practical leaf guard.



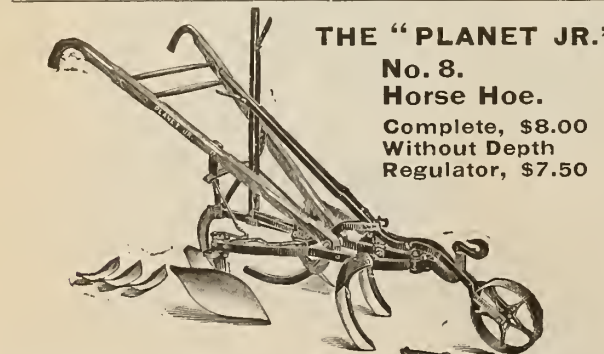
**THE "PLANET JR."
Combined Drill, Wheel
Hoe, Cultivator,
Rake and Plow.**
Price \$9.00

This favorite machine is the most popular combined garden tool known; and its friends have been gained by substantial merit alone. It won the highest and only award at the Chicago Exposition, surpassing all other machines of its kind. As a seed sower it is identical in construction with the No. 2 "Planet Jr." drill, except in size, and has all of its merits, its strength, durability, ease of operation and perfection of work.



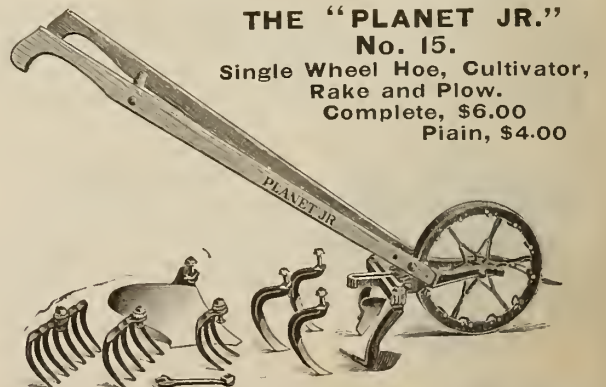
**THE "PLANET JR."
Double Wheel Hoe,
Cultivator, Rake and
Plow Combined.**
Complete, \$6.00
Plain, \$3.50

The tool is light and strong, and one man or boy can do as much work with it as six to ten men with the ordinary hand hoe. The wheels are adjustable in width, and the arch is high enough to enable the operator to work both sides of the row at once until the plants are eighteen inches high.



**THE "PLANET JR."
No. 8.
Horse Hoe.**
Complete, \$8.00
Without Depth
Regulator, \$7.50

Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle.

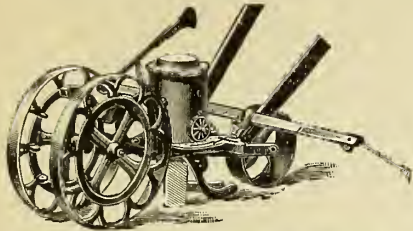


**THE "PLANET JR."
No. 15.
Single Wheel Hoe, Cultivator,
Rake and Plow.**
Complete, \$6.00
Plain, \$4.00

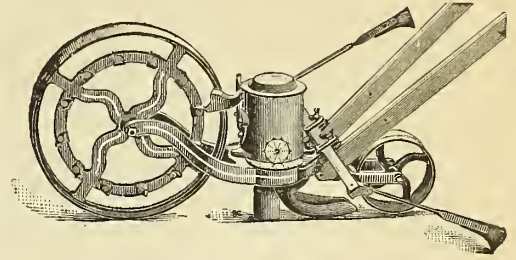
This new Wheel Hoe has the advantage of a high wheel with broad face, of a convenient arrangement of the frame, and a very full set of tools, most of them being of new, special design, such as have been found to perform wheel hoe work in the very best manner. It also has the great advantage of being convertible into a hill dropping and row seeder, by buying the seeder attachment.
Price of Seeder Attachment, \$4.50.

MATTHEWS NEW UNIVERSAL MODEL COMBINATION DRILL

Double Wheel, with Hoe, Cultivator, Plow, and Rake Attachments.

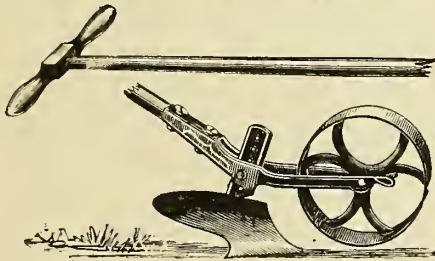


This illustration shows the Combination Implement as a Double Wheel Seeder. It is not only a desirable combination of the Garden Drill with the New Universal Cultivating Attachments, but it has the advantage of being either a Double Wheel or Single Wheel implement at will, the change from the one to the other being readily made. The change to a Cultivator or Wheel Hoe is also simple and easy, and as a Cultivator it can be used either astride or between the rows. It is a conceded fact that by far the nicer work can be done by a One-Wheel Seed Drill. First, because the Single Wheel forms a sight for the operator in running a straight row, on the line marked out by previous passage of the drill. Second, because with a single wheel unevenness of the soil is readily passed over without bringing extra strain on the operator to keep the drill steady, while with two wheels a little unevenness under one of the wheels will cant the drill so as to throw the furrow opener to one side, and thus leave a crook in the row, which will only be noticeable in after cultivation. Crooked rows tend to increase the labor of cultivation, which is arduous, and must be gone over several times in a season. Plant straight to start with and save extra labor. **Price, Boxed, \$9.00.**



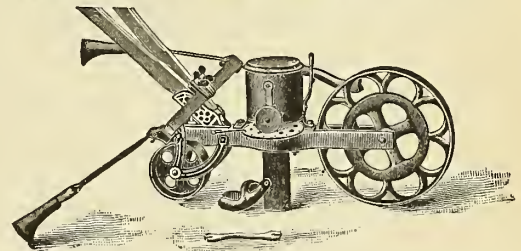
Changed from a Double to a Single Wheel Drill.

New Universal Hand Wheel Plow.



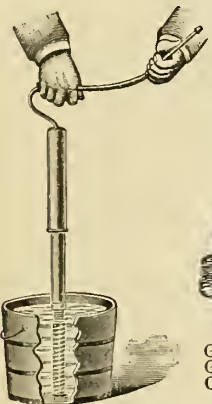
This labor saving implement is one that commends itself to all gardeners. It can be used to prepare the ground, to furrow out, to cover, and to cultivate. The mould board is of steel, polished and tempered. **Price, \$2.00.**

Matthews Garden Gem Drill.



This has been perfected to meet the demand for a low priced drill. It has all the essential qualities of the Matthews principle, even to embodying Seed Dial and Indicator, from exactly same patterns as those used on the larger and more expensive drills. We do not recommend it for use instead of larger drills, but we are sure that all in want of such a drill as we represent this to be will find it to their advantage to buy the Matthews Garden Gem. This drill does not have the new seed cut-off, but the Agitator can be checked same as in the larger drills. **Price, Boxed, \$5.00.**

Crescent Automatic Spray Pump.



For Spraying Fruit Trees, Shrubs, Grape Vines, etc.

This is a bucket pump, with galvanized amber brass cylinder, metal valves, brass spiral springs and saucer-shaped anti-clogging foot. **Price, without pail, \$1.50.**

Poultry Supplies.



Ground Oyster Shell, per lb. 3c, 100 lbs. \$2.00
Ground Bone..... " 3c, " 2.00
Columbia Egg Food. " 25c, 2 1/2 lbs. 50c.
In Packages.

Alcorn's Egyptian Cholera Powders..... Package, 25c.
Alcorn's Egyptian Lice Killer... Sample Package 10c.
Regular size 25c.

Insect Powder.



TRADE MARK.

SLUG SHOT.

An Insect Powder very extensively used by gardeners. Circulars explaining how to use it mailed on application.

Price, per lb. 10c, 5 lbs. 35c, 10 lbs. 60c, 50 lbs. \$2.50, 100 lbs. \$4.50

FOR STOCK.



Rock Salt in Lump Per 100 lbs. \$.50
Oil Cake Ground " 1.25
Cotton Seed Meal..... " 1.25
Special Price in Ton Lots.

HAND SEEDERS.

Broadcast Hand Seeders, for sowing all kinds of Clover and Grass Seeds, Wheat, Oats, Rye, Hemp, etc.

Net Price.

Cahoon (see cut).....\$1.50
Granger, similar to above..... 3.00
Fiddlebow, very light, weighs only 3 lbs., gives perfect satisfaction. 1.25

FERTILIZERS.

We have had considerable inquiry in the past few years for Fertilizers, and will carry the following varieties in stock hereafter:

Per 100 lbs.

Pure Bone Meal..... \$1.50
Lawn Plaster or Gypsum..... 1.00
Lawn Fertilizer. 2.00

Special Price in Ton Lots.



The Cahoon.

Mangelsdorf Bro's Company

Seedsman
AND
Florists.

ATCHISON KANSAS.



SUMMER FLOWERING BULBS. See Page 8.