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Garden Book

1913

GERMAN NURSERIES AND SEED HOUSE

ESTABLISHED 1886.

Sonderegger
TREES AND SEEDS THAT GROW

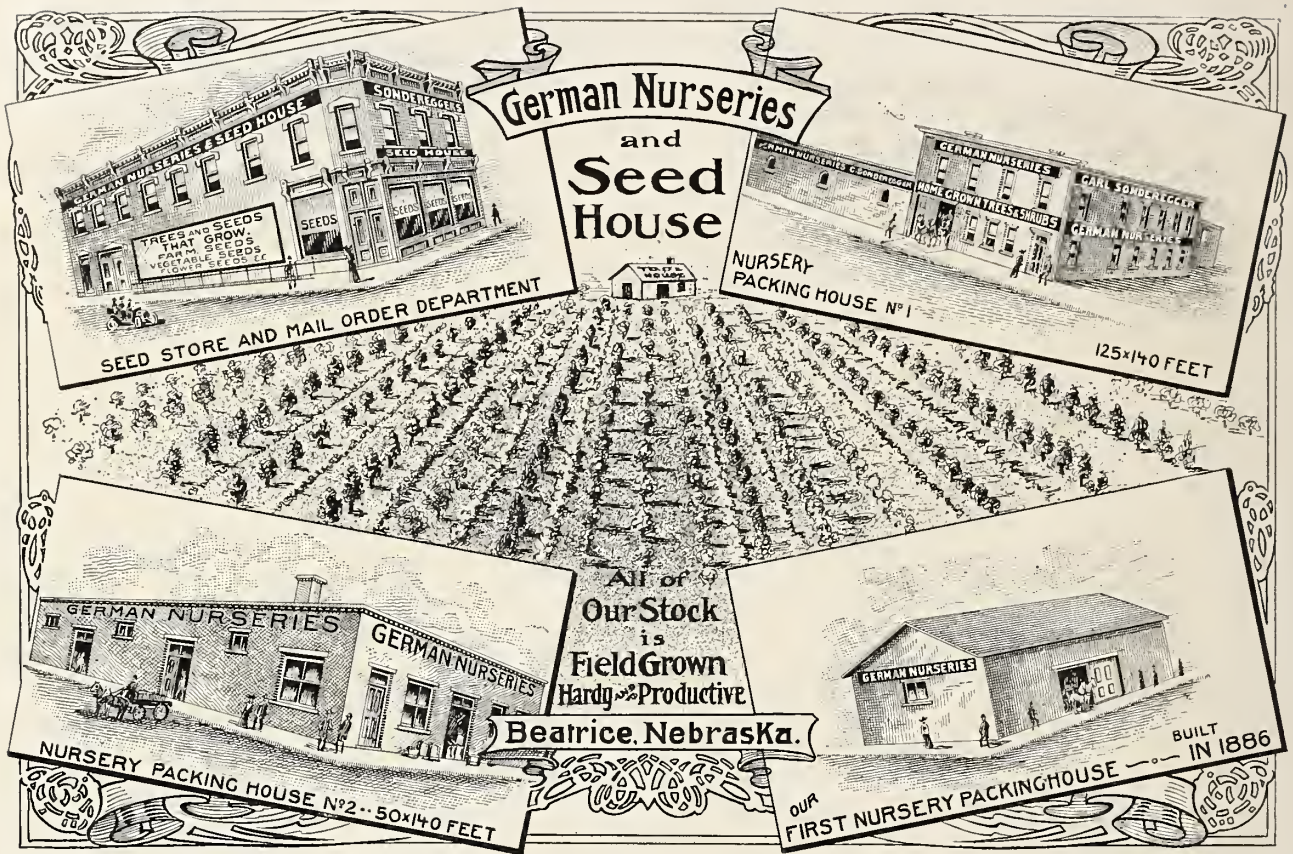


SAGE PEACH

OREGON CHAMPION
GOOSEBERRY

SUNBEAM
RASPBERRY

SAPA PLUM



1886

OUR 27th YEAR

1913

Please Read This

We are sending trees and plants to almost all the States and Territories. Some of the states have passed laws to regulate the Traffic in Trees and Plants. We wish to state here that we have complied with such laws, as they are known to us, and have given our bond where demanded, and will comply with any further laws that may be enacted by any state. We also have the nursery inspection tags for states which demand such.

ENTOMOLOGIST'S CERTIFICATE OF NURSERY INSPECTION.

The University of Nebraska:

This is to certify that on September 11th, 1912, I examined personally the nursery and premises of the German Nurseries, Carl Sonderegger, President, Beatrice, Nebraska, and find no San Jose Scale nor any indication that it had been present in the nursery or its vicinity, and the stock is apparently in a healthy condition and free from all other insect pests. This certificate is good one year from date.

Myron H Swenk

Assistant State Entomologist.

CARE OF STOCK ON ARRIVAL. Promptly on arrival the trees or plants should be unpacked and planted, or else the roots should be protected from sun or air by covering with moist earth. If the ground is frozen outside, or the packing material in the cases frozen, store the original package in a cool, moist cellar until the conditions are favorable for handling. Care should be taken in choosing soil and environment to the end that success may reasonably follow your labors in planting. Shipments delayed in transit and which open up too dry and appear to be shriveled, should be soaked in water over night, which will resuscitate them.

NUMBER OF TREES ON AN ACRE.

30 feet apart each way.....	50	10 feet apart each way.....	435
25 " " " ".....	70	8 " " " ".....	680
20 " " " ".....	110	6 " " " ".....	1,210
18 " " " ".....	135	5 " " " ".....	1,745
15 " " " ".....	205	4 " " " ".....	2,725
12 " " " ".....	300	3 " " " ".....	4,840

INDEX. In order to quickly find any article in this catalogue, refer to index on third cover page.

CATALOGUES WE PUBLISH. GENERAL NURSERY AND SEED CATALOGUE, of which this is a copy. GERMAN CATALOGUE, same as the above, but in the German language. MARKET GARDENERS WHOLESALE CATALOGUE, for gardeners and large truck farmers. FALL CATALOGUE, being an illustrated price list of bulbs and Seeds for fall planting.

Wenn ein Deutscher Katalog erwünscht ist, bitte schreiben Sie uns.

If you prefer German Catalogue, please write to us.

To Our Friends and Patrons . . .



In sending out our 27th Annual Catalogue, we wish to thank our customers one and all, for their liberal patronage, and we assure you that we appreciate it very much. The unusual weather of last spring, the floods and snow delayed us and the Railroad companies somewhat in filling our orders, but we hope that the coming season we can make prompt shipments again, so all our customers will get their orders in good time. We have the best of facilities and most modern packing houses.

GENERAL DIRECTIONS.

In making up your order please use the order blank attached to this catalogue. You may feel fully assured that all orders, large or small, will have our careful attention. You will receive first class stock only, and the order will be handled and packed in the best possible manner and delivered to you in good condition. Do not fail to look over our Novelty pages on pink paper in front part of catalog before mailing your order.

REMITTANCES should be made by Postoffice or Express Money Orders, Bank Draft or Registered Letters. For amounts less than \$1.00 postage stamps can be sent.

OUR FRUIT TREE DEPARTMENT. In looking over same, you will find that we offer a nice assortment of the best well-known varieties; also recent introductions which we can recommend.

QUALITY OF STOCK. Our trees and plants are well and carefully raised, and grafting and budding are done by experienced workmen. We dig with the most modern tree diggers, and you get practically all the roots there are on a tree. Nothing is left undone to insure well developed, straight trees, with good even tops and without forks. You will find our trees graded to the sizes given in this catalog, and you will get just what you order.

Our soil is especially adapted to the raising of first class nursery stock, and our rather severe climate insures vigorous, hardy stock, that can stand the raw, cold winters and the dry hot summers, if necessary. We can point to good orchards from our Nurseries, in the Dakotas, as well as in California, Missouri and New York. You make no mistake in purchasing your trees and plants from us.

IN OUR SEED DEPARTMENT we offer a full line of Garden, Flower and Field Seeds of the best quality. All seeds we send out are first tested as to their germinating qualities. They are well cleaned and fresh, and will grow if given a chance. You can order your wants of trees, plants and seeds of us, and need not send to two houses or buy two money orders. For further information about seeds see page 57.

CLUB ORDERS. If a number of neighbors order together, we will tie each order separate, with the purchaser's name attached, and then pack all together in one box. Persons sending in club orders please state what they wish for their trouble and we will gladly send a reasonable amount in trees, plants or seeds free, for their efforts in getting these orders.

PACKING. In order to be able to handle our fast increasing trade, we have built a new packing house and cold storage room of the newest and most approved pattern. It is 110x140 feet, partly two stories and giving us 20,000 square feet of floor space. Our trees are not exposed to sun or wind while being stored and packed. We drive direct from the Nursery grounds into the storage rooms, where stock is graded and billed out in a cold atmosphere. In almost all cases where shipments go by freight we pack in paper lined boxes. When trees go by express, we pack in bales. Packed in this way trees cannot be damaged in transit. We guarantee that all trees and plants reach our customers in fresh, healthy condition, no matter where they go.

WE PAY ALL FREIGHT CHARGES (not express) on orders for **Trees and Plants**, (not on seeds) amounting to \$10.00 or more, no matter whether one person alone or a number order together, provided the full amount of the order is sent us before we make shipment. You will have less trouble and annoyance if freights are paid in advance. It also saves a good deal of bookkeeping in a very busy season, if the full amount is sent in with the order. Have your bank look us up in Bradstreet's or Dunn's report; you will find that we are responsible. **Above refers to trees and plants only, not to seeds.**

ABOUT OUR PRICES. We know the professional tree agent is continually talking against us. He will tell you that our trees are no good; that because they are so much cheaper they are not budded or grafted right, he will insist that his varieties are the only ones that grow in your climate. He is naturally fighting hard to make a sale, as he is well aware that he cannot compete with our prices. He has hotel bills, livery bills, and car fare to pay in order to go to see his customers personally. This comes very high, and he must add these expenses to his prices, while we send you a catalog at a total cost of 15 cents each. This accounts for our low prices.

We aim to send out only first class trees and plants, and with plenty of roots. All inferior, crooked or injured trees are carefully graded out and burned, well knowing that poor trees are dear at any price. In this way we have built up a large business from a very small beginning, our stock having been the best advertiser for our Nursery. With trees, plants and seeds, the quality should be considered first and then the price. Quality will be remembered long after the price has been forgotten.

GUARANTEE OF GENUINENESS ON TREES AND PLANTS. While we exercise the greatest diligence and care to have all our trees and plants true to label, and hold ourselves in readiness, on proper proof, to replace all trees and plants that may prove untrue to label, free of charge or refund the amount paid, it is mutually understood and agreed to between the purchaser and ourselves that our guarantee of genuineness shall in no case make us liable for any sum greater than that originally received for said trees and plants that prove untrue.

DISCLAIMER. While we exercise the greatest diligence and care to have all our seeds true to label and of best quality, we wish it understood that we give no warranty, express or implied, as to the description, quality, productiveness or any other matter of any seeds we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned. Subject to above conditions we make sales at the very moderate prices at which we sell our goods. German Nurseries and Seed House.

CLAIMS. All claims for errors, shortage or anything else pertaining to your shipment, must be made promptly after receipt of goods. In writing us about your shipment, please remember to give your order number and full particulars. Human help is not infallible, and shipments, as well as mail matter, will miscarry, but please understand this: That the complete satisfaction of our customers is our first wish and that we gladly rectify any and all errors on our part.

RAILROADS. We can ship from Beatrice direct over the Burlington (C. B. & Q. and B. & M.), the Union Pacific and the Rock Island system, also have splendid connections over all other lines at nearby terminals and connecting points.

EXPRESS COMPANIES. The Adams Express Co., the American Express Co., and the United States Express Co., have well equipped offices here for the quick handling of shipments. By these companies we are enabled to ship goods to any express office in the United States, as well as to Canada and principal points in foreign countries. The express companies allow us 20 per cent discount on regular rates no matter whether the charges are prepaid by us or not. All packages weighing less than 30 pounds will go as cheap by express as by freight.

POSTPAID BY MAIL. Orders to go by mail are put up in packages of 4 lbs. or less. While each package cannot weigh more than 4 pounds, the number of packages that can be sent to one address is NOT limited. We can only send trees and plants by mail if the full mailing price, as given in our catalog is paid. We pay all postage and send trees of suitable size to go by mail.

OUR NURSERIES have been thoroughly inspected by the State Entomologist. A certificate like the one on inside cover page will be attached to all shipments.

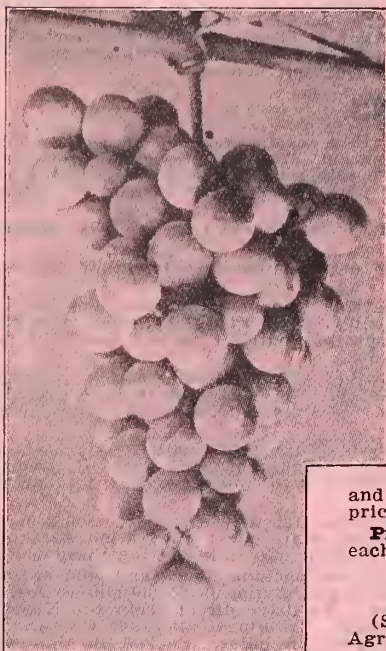
REFERENCES. Our old customers know us. To all those who have never dealt with us, we refer to Union State Bank or Beatrice National Bank.

Address all orders to

German Nurseries and Seed House.
BEATRICE, NEBRASKA.

NOVELTIES AND SPECIALTIES.

We give following a list of Trees, Plants and Seeds that are new or of recent introduction, but have been thoroughly tested and are worthy of a trial by our customers.



Lucile, New Grape.

Sultan is a plum of the Satsuma type and is perhaps a cross with some other species. The Sapa fruited first in 1907 on a tree cut back very severely for bud-sticks. These first specimens were only an inch in diameter but the size will probably increase. The tree is plum-like in habit; one year trees in nursery have many fruit buds; the glossy, dark purple skin, and the rich dark purple red flesh of its Japanese sire. I had a good crop of Sapa Plum on my farm this year and they were fine.

Price, 2 to 3 feet trees, each 40c; 10 for \$3.50; 100 for \$32.50. 3 to 4 feet, each 55c; 10 for \$5.00; 100 for \$47.50. 1½ to 2½ feet trees by mail postpaid, each 45c; 10 for \$4.00.

INKPA PLUM.

Introduced by Prof. Hansen. Plum red, with heavy blue bloom, firm flesh, good quality and rich fragrance. Skin somewhat thick but sweet. Fruit 1½ to 2 inches in diameter. When cooked the strong apricot flavor is brought out to perfection, entirely unlike any native plum. The female parent is a seedling of our wild northwestern plum (*Prunus Americana*); the male parent is the large, firm fleshed, fragrant apricot plum of China (*Prunus Simoni*), popular in the orchards of California. It bore a heavy crop the past season, when the native plums were almost a total failure.

Price, 2 to 3 feet trees, each 40c; 10 for \$3.50; 100 for \$32.50. 3 to 4 feet, each 55c; 10 for \$5.00; 100 for \$47.50. 1½ to 2½ feet trees by mail postpaid, each 45c; 10 for \$4.00.

TREE CURRANT AND TREE GOOSEBERRY.

These are budded on very hardy stems about 4 to 5 feet high, of the Ribes family, to which the Currant and Gooseberry belong; are just as hardy as in the bush form and will do well anywhere where the Gooseberry and Currant grow. In Europe they have been propagated for years and can be found in almost every garden. You will find the berries on these trees much larger and sweeter, and so much easier to pick than raised in bush form. Besides, the little trees are very ornamental on the lawn, along walks or in the garden. The trees we offer are all budded on the very best varieties, have strong bodies with two year tops. They are easily transplanted and bear the next year.

Tree Gooseberries, about 5 feet high, 90c each; 10 for \$8.00.

Tree Currants, about 5 feet high, 90c each; 10 for \$8.00.

The accompanying photograph of Tree Gooseberry was sent in by one of our customers and he writes as follows: "This Tree Gooseberry was transplanted from German Nurseries & Seed House, 1911; photographed July 1912. Some of the berries were as large as Crab Apples. K. J. LUNDGREN, 709 Vernon Ave. Beloit, Wis.

THE LUCILE GRAPE.

THE COMING RED MARKET GRAPE.

The Lucile yields as much or more than Concord, Niagara or any other well-known market grape. Hardy and healthy as any grape, and much more so than Niagara. A strong, robust grower and ripens its wood to the tip under a load of fruit, under which the Niagara would not ripen one half. The Lucile ripens between Moore's Early and Worden, just in time to pack with Diamond and Worden; an excellent trio of our National colors—red, white and blue. The Lucile is sweet, and in quality compares favorably with that of Wyoming Red, which it resembles in color. But its crowning glory is in its size and compactness of its clusters which resemble those of Diamond and Pocklington, but even larger. While it is an excellent market grape anywhere, it is indispensable at the extreme North where only early and extra hardy varieties succeed. The Lucile is a good shipper and never drops its berries, but where the season is long enough it gradually dries up into raisins on the vines. Price, 30c each; 10 for \$2.75; 100 for \$25.00. Postpaid 35c each.

THE SAGE PEACH.

Originated here in Beatrice; a chance seedling. The tree is a vigorous, healthy grower, very hardy, and an abundant bearer. The fruit is of good size, about the same as the Elberta, dark yellow with a deep crimson blush, making it very attractive. The flesh is yellow, very firm, juicy, and of excellent quality, as good as the best. A perfect freestone. The main advantage over other peaches of the same class is the time of its ripening, which is last of September to forepart of October. At this time all regular canning peaches such as Crawford's, Elberta, etc., are gone. The Sage Peach comes at a time when the weather is cool. No use for your lady to can peaches when the kitchen is so hot. Plant the Sage peach and you may can them in cool weather. I have a limited stock, but make a very low price on same. Order early to be sure to get them. I know you will like the Peach.

Price, 2 to 3 feet, nice strong trees, each 30c; 10 for \$2.75; 100 for \$25.00. 3 to 4 feet, each 40c; 10 for \$3.75; 100 for \$35.00. 1½ to 3 feet by mail postpaid, each 35c; 10 for \$3.25.

SAPA PLUM.

(See front cover.) Introduced by Prof. Hansen of the South Dakota State College of Agriculture. I give here Professor Hansen's description of this Plum: "The female parent is one of our selected seedlings of the western sand cherry, (*Prunus Besseyi*), a favorite fruit of the Sioux Indians. The male parent, a very large, purple-fleshed Japanese Plum originated by Luther Burbank of California and by him named the Sultan. The



Tree Gooseberry.



HIMALAYA BERRY.

HIMALAYA BERRY.

THIS Berry is a new arrival from the North Slope of the Himalaya Mountains, 6,000 feet above sea level. It is black but not a blackberry. For many centuries the natives of that country have been making wine of it and only the invasion by British troops has brought this delightful, luscious fruit to our civilization. The vine is a vigorous grower, making a growth of 20 to 30 feet in one year, which can be trained on a fence or arbor, similar to grape vines. The enormous clusters of large sized berries ripen all summer, making the Himalaya the most productive of any variety known. They have no core and the flavor is sweet, of unusual richness, and when ripe will literally melt in your mouth. For pies, jellies and dessert the Himalaya Berry is a perfect success, being ahead of any similar fruit. The severity of their native climate has made the berries hardy, and both plant and fruit will stand extremes of heat and cold better than any other variety. It is hard for you to realize what a treat a dish of these new berries would be. We believe they will be in great demand as soon as they are known and enough grown in the United States to supply the demand. There has never been a kick from parties growing the Himalaya, but all praise it and say it's the finest berry ever introduced. While the Himalaya has fruited well here in Beatrice, we would not advise our customers to plant in large quantities in localities where it has not been tried. Plant a few and find out how it will do in your locality. Price, each 10c; 10 for 80c; 100 for \$7.00. Postpaid 12c each; 10 for \$1.00.

SUNBEAM RASPBERRY.

(See front cover.) Another of Prof. Hanson's creations. Here is his description of the Sunbeam Raspberry: The first of our many thousands of raspberry seedlings to be named. First sent out spring 1906. Female parent, a wild red raspberry from Cavalier county, North Dakota, near the Manitoba line, Male parent, Shaffer's Colossal from New York. Plant extremely vigorous, productive, purple-caned, sprouts freely. Fruit of fair size and quality. Worthy of trial where raspberries winter-kill as it has endured 41 degrees below zero without protection. It endured last winter perfectly at Bismarck, North Dakota, without protection and other good reports have been received.

I find that this Raspberry is not quite as large as some other varieties, but of good quality and flavor and it will bear fruit every year when other varieties freeze out entirely. Price, 10c each; 10 for 80c; 100 for \$7.50. Postpaid 10c each.

ST. REGIE EVERBEARING RED RASPBERRY.

Raspberries for four months! That's what you get when you plant the St. Regie, the new everlasting variety. Moreover, they are not only raspberries, but raspberries of the very highest grade—in size, in brilliant crimson color, in firmness, in flavor. The variety has been aptly termed "the early till late" variety; for it is the first red raspberry to give ripe fruit, while it continues to produce berries without intermission until late October. St. Regie is of pure American blood and of ironclad hardihood. In addition to the bright crimson color and large size of the fruit, it is so firm and rich in sugar that it will stand shipping two hundred miles, arriving at market in first class order; and it can readily be kept in perfect condition for several days after being gathered. Unlike any other raspberry, the St. Regie yields a crop of fruit the season it is planted. Plants of it planted in early April gave ripe berries on June 20th of the same year. For four weeks thereafter the yield was heavy and the canes continued to produce ripe fruit freely without intermission, until the middle of October. The berries were large and beautiful, firm and full flavored to the very last.

Price, each 15c; 10 for \$1.25; 100 for \$10.00. Postpaid 20c each; 10 for \$1.60.

THE BLUE ROSE.

VEILCHENBLAU OR VIOLET-BLUE.

THE BLUE ROSE. VEILCHENBLAU OR VIOLET-BLUE. After years of effort rosarians have been rewarded by the production of a Blue Rose, which will be welcomed with the greatest interest by all lovers of the garden. This new climbing Rose surpasses all others of recent introduction in having a pure blue color. The flowers appear in large clusters after the manner of the Crimson Rambler, are semi-double and of medium size. Upon first opening the color is partly bright red and partly bright rose, turning soon a steel blue. The color is best described by saying it resembles that of early violets. This variety is a strong grower, has shining green foliage and few thorns. It has not been troubled with mildew and is classed among the hardiest climbing roses, withstanding the winters very successfully. Our Blue Roses were imported from the originator by ourselves, so they are true to name. They are 2 year, strong plants and will bloom the first year. We have NO small plants grown in pots in the green house. Price 30c each; 10 for \$2.75. Postpaid 35c each.

OUR NOVELTY COLLECTIONS.

\$3.00 GRAPE OFFER FOR ONLY \$2.00.

10 Concord, catalog price	\$.80
10 Niagara, catalog price	1.00
8 Moore's Early, catalog price	1.20

Catalogue mail price..... \$3.00

Above 28 grape vines, 2 years old, strong plants, postpaid, by mail, for \$2.00.

\$1.25 GRAPE OFFER FOR ONLY \$1.00.

1 Agawam Grape, 2 year No. 1.....	\$0.10
1 Campbell's Early Grape, 2 year No. 1.....	.25
1 Catawba Grape, 2 year No. 1.....	.10
1 Delaware Grape, 2 year No. 1.....	.15
1 Diana Grape, 2 year old No. 1.....	.10
1 Hartford Grape, 2 year No. 1.....	.15
1 Green Mountain Grape, 2 year old No. 1.....	.30
1 Golden Pocklington Grape, 2 year No. 1.....	.10

Catalog mail price.....\$1.25

Above 8 fine 2 year old Grape Vines by mail, postpaid for \$1.00.

\$1.00 COLLECTION OF NOVELTIES.

2 Carolina Golden Raspberry, postpaid.....	\$.50
3 St. Regie Everbearing Raspberry, postpaid.....	.60
3 Sunbeam Red Raspberry, postpaid.....	.30

Catalog mail price.....\$1.40

Will send above 8 Raspberries, strong, nice plants, postpaid for \$1.00.

\$1.25 BLACKBERRY COLLECTION FOR \$1.00.

5 Iceberg Blackberry, catalogue mail price.....	\$0.45
5 Merseureau Blackberry, catalogue mail price.....	.30
5 Erie Blackberry, catalogue mail price.....	.25
5 Lucretia Dewberry, catalogue mail price.....	.25

Catalog mail price.....\$1.25

Will send these 20 plants for \$1.00 postpaid.



St. Regie Everbearing Red Raspberry.

CAROLINA GOLDEN RASPBERRY.

From one of the best growers of Raspberries in Germany. Berry large, yellow, firm and sweet. A good bearer and very hardy. It is much superior to the old Golden Queen. A better berry in every respect and of a prettier yellow color.

Price, 20c each; 10 for \$1.75; 100 for \$16.00. Postpaid 25c each; 10 for \$2.20.

NEW ROSES.

BABY TAUSENDSCHOEN. (Thousand Beauties.) A grand Novelty of the Baby Rambler type. Flowers appear in large clusters the same as with the climbing "Thousand Beauties," are of a good size, of the same beautiful colors, all shades from pink to white and yellowish. Blooms all summer. A grand novelty that is sure to give satisfaction. Price, 50c each; 3 for \$1.35; 10 for \$4.00. Postpaid 55c each; 3 for \$1.50.

MADAME BAVARY. (Hybrid Tea.) A beautiful monthly rose, blooming profusely all summer. The plant grows vigorous and is as hardy as the Kaiserin. The flower is large, very double and of an exquisite orange yellow color, which it holds well. Probably the best yellow rose in cultivation, much better than Golden Sun and a more profuse bloomer. I can recommend this rose. You will not be disappointed, Price, 40c each; 10 for \$3.75. Postpaid 45c each; 10 for \$4.00.

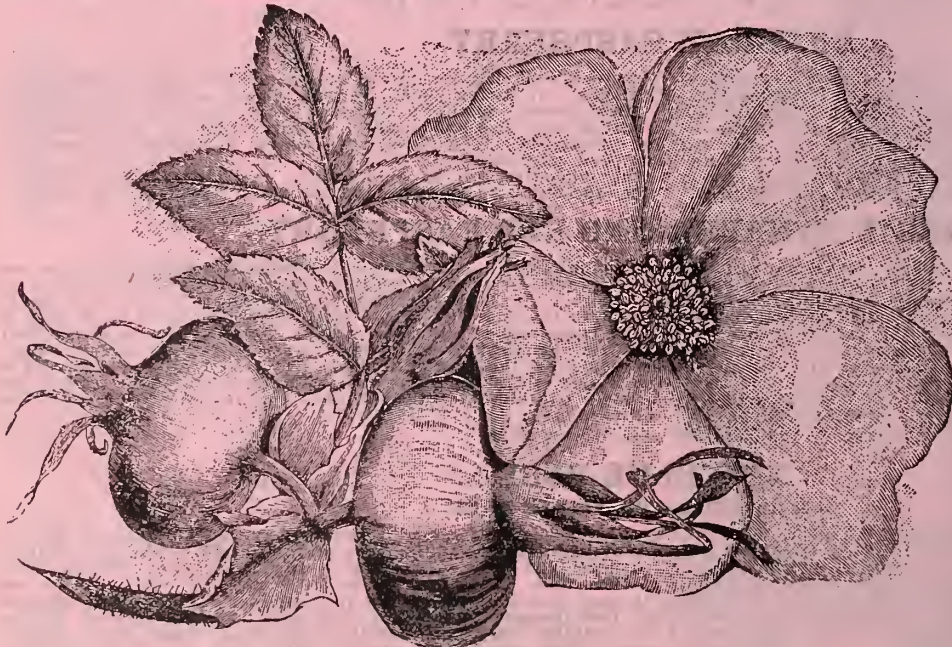
RUGOSA ROSES.

ROSA RUGOSA.

Large fruited Edible. Fine garden roses, with dense foliage of deep polished green. These roses are natives of Japan, and bloom from May to September. In winter the bushes are covered with very decorative bunches of large scarlet or crimson, or orange fruit. The fruit is edible and of good flavor. Flowers have a purplish color and we also have them in pure white.

ROSA RUGOSA JAM.—To each pound of fruit allow one and one half pints of water, and one and one half pounds of loaf sugar. Prepare the "hips" by cutting them in halves across, and scooping out all the seeds and hairy insides most carefully. Boil the water and sugar until it thickens. Then put in first the less ripe "hips;" afterwards adding the ripe ones. Simmer gently till soft, an hour or longer, as necessary. When the fruit is golden yellow, it is the finest for jam. When a crimson red, it is often too ripe and soft. Use cane sugar, not beet sugar.

Strong plants, each 40c; 10 for \$3.50. Postpaid 50c each.



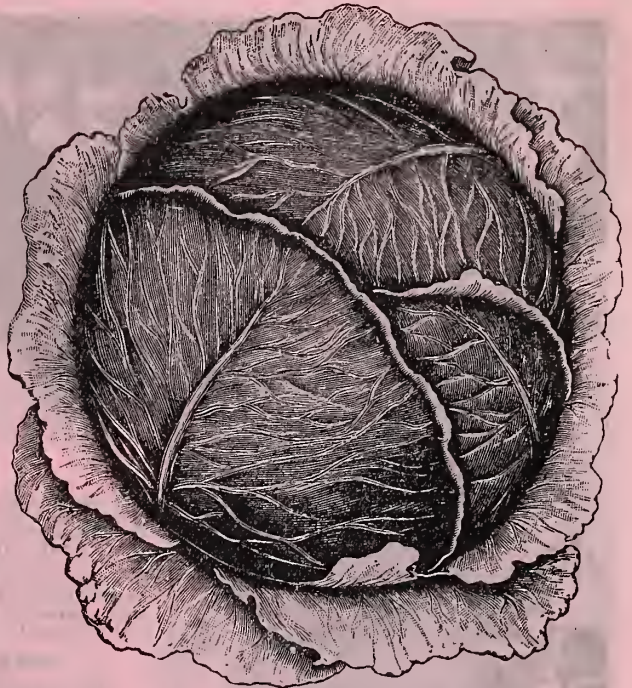
Rosa Rugosa.

VEGETABLE SEEDS.

NOVELTIES AND VARIETIES OF SPECIAL MERIT.

RED CABBAGE, OTHELLO.

This new Red Cabbage "Othello" puts into the shade every variety known in the trade, as it surpasses them all by far, in size, productiveness, solidity and keeping quality. It has all the superior qualities of the true variety of largest Flat White Brunswick Cabbage, being of the same great size and exceeds by far that of all the known varieties of Red Cabbage. It forms a smooth, flat, slightly arched head, is exceedingly firm, deep, glossy black-red and is the best keeper during the winter. These qualities mark Othello as the largest, most productive, and best keeping dark red cabbage in the market. Packet 10c; ½ oz. 20c; oz. 35c; ¼ lb. 1.25 postpaid.



Othello Cabbage.

MUSKMELON, HUNGARIAN PINEAPPLE.

A decided acquisition and the finest flavored, sweetest and most aromatic of all muskmelons. Ripens medium early, very prolific and a good shipper. Exterior very interesting, warty, when ripe of brilliant golden yellow. Flesh deep red, very rich and juicy, resembling the pineapple in its aromatic flavor. For the home garden you cannot possibly find a finer quality melon. Our customers were very enthusiastic over this melon when we offered the seed for the first time. Pkt. 10c; oz. 30c.

NEW EXTRA EARLY PEA, "SAXONIA."

This new Pea is as early as the well known First and Best, but nearly doubly as productive and the pods are fully one-third to one-half larger. The plants grow two feet high and are healthy, vigorous and hardy. The pods are 3½ to 4 inches long and ready for market with the extra early sorts, they appear in great quantities, mostly in pairs, and are of the same shape and about as full of large peas as the main crop varieties. Will yield big crops of splendid quality peas for all purposes. Highly to be recommended for the market as well as the home garden. It is without doubt the best of all extra early peas. Pkt. 10c; ½ pt. 30c; pt. 45c; qt. 85c postpaid.



Golden Hercules Pepper,

PEPPER, GOLDEN HERCULES.

A Giant among the Pepper fruits. The fruit has solid flesh of good flavor and of a magnificent golden yellow color. The plant grows uncommonly strong and is extremely productive, there often being a dozen of well shaped fruits on one plant at one and the same time. Its value is still increased by the upright growing of the fruits. They are consequently exposed to the sun, mature earlier and even; during wet weather they cannot become rotten so easily, as the kinds with hanging fruits, which come in contact with the soil too easy. A good Pepper for all around use. Sold in packets only. Packet 15c; 3 packets for 40c.

LEEK, GIANT PRIZE-TAKER.

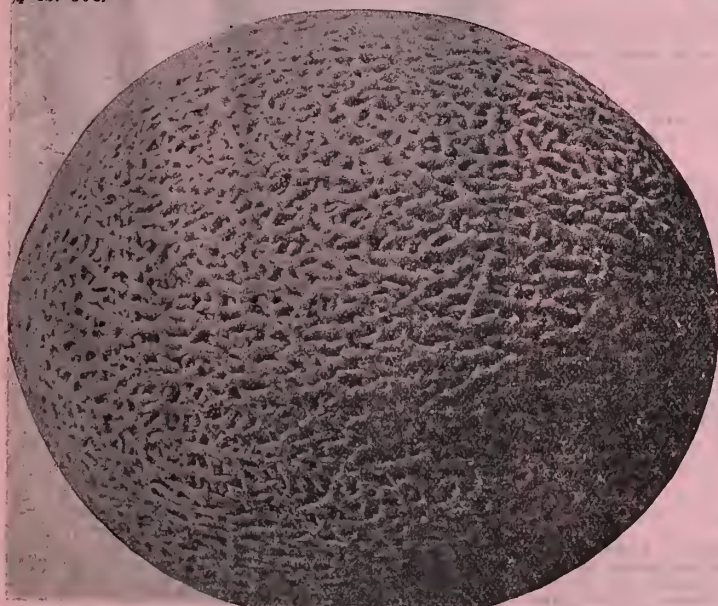
On account of its large size and attractive appearance, this variety is ideal for growing to show at exhibitions and market. Produces its extra large, thick shoots very quickly. In quality it is better than any other variety. Profitable for the market gardener and excellent for the kitchen. Pkt 10c; oz. 25c; ¼ lb. 80c.

ONION, WESTERN PRIZETAKER.

The largest and handsomest Yellow Globe Onion. They attain an immense size, fifteen inches in circumference being often attained under favorable conditions. This onion is of the same type as the large Spanish Onions imported in quantity and sold in crates, which always command a high price. It is of a bright straw colored skin and thin neck. Ripens up hard and fine; flesh is pure white, fine grained, mild and of delicate flavor. Excellent for fall or early winter use. Packet 10c; ounce 20c; ¼ lb. 60c; lb. \$2.00 postpaid.

MUSKMELON, RUST RESISTANT ROCKY FORD.

This is the highest development yet attained in the Rocky Ford Cantaloupe, both in netting and rust resistant qualities. The melons appear as shown in illustration, the heavy gray netting being closely laced and interlaced over the entire surface of the melon from the stem to the well developed blossom button. The meat is light green and very deep; its flavor is not excelled by any of the green meat sorts and none of them are better, if as good, shippers. It is highly rust resistant. Under favorable conditions when other strains rust badly the vines of this strain remain green and thrifty, continuing to blossom and set on fruits. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.



Rust Resistant Rockyford Cantaloupe.

Sonora, Calif., Jan. 3, 1912.
The Davis Perfect Cucumber and Chinese Giant Pepper, I raised from seed I got of you. (1 pkt. of each) last year were very excellent in quality and perfectly satisfactory in quantity. We used to gather cucumbers by the washtub full. R. Booth.

TOMATO, EARLY JUNE.

This splendid new Tomato ripens earlier than "Earliana." The fruit is as smooth and high colored as "Stone," and as meaty and solid as "Ponderosa." The plants are vigorous and of extremely quick growth, yielding large, well shaped fruit in greatest abundance. It is almost seedless, the flesh thick and firm, and the flavor delicious. Its main points are earliness, large size and fine flavor. A new variety that will please everybody. Pkt. 10c; ¼ oz. 25c; oz. 40c; ¼ lb. \$1.40.

LETTUCE, GERMAN ICEHEAD.

A new Lettuce from Germany. Unequaled in quality, tenderness, size and durability. Heads very large, of crisp, delicious flavor, yellowish-green, outer leaves finely curled enclosing the very solid heads like cabbage. Will withstand drought very well and stand 4 to 5 weeks before running to seed. The leaves are so tender and brittle as to have suggested the name Ice-Head. No one who has once planted this fine lettuce will want to be without it. Pkt. 10c; oz. 25c; ¼ lb. 75c.

BEAN, MICHIGAN WHITE WAX.

This new wax bean has proved of exceptional value. For years past there was a constant demand for a white seeded wax bean of the highest quality. Briefly described, Michigan White Wax is a white seeded Golden Wax, but in several vital features it is distinctly superior to that excellent and exceedingly popular variety. The vine is a little larger, more robust and vigorous; foliage a little heavier. The handsome pods are produced in greater abundance and are very uniform in size and color which is a very attractive light golden yellow. The seed is clear white. Packet 10c; ½ pint 15c; quart 50c postpaid. Not prepaid, ½ peck \$1.00; peck \$1.90; bushel \$6.00.

**PEAS,
GOLDEN KING.**

This new introduction is a novelty of great merit. It is of beautiful appearance and splendid quality. They grow about four feet high, have deep

green foliage and are of a healthy and quick growth. The pods are of a rich golden yellow color, are well filled with 8 to 10 large peas of a very delicate and sweet flavor. Undoubtedly a splendid variety and should be tried by everyone. Packet 15c; ½ pt. 30c; pt. 45c; qt. 85c.

MUSKMELON, HYBRID CASABA.

A late variety of Muskmelon that has become very popular in the South. Flesh nearly 3 inches thick, and of excellent flavor, very juicy and melting. A great many growers pronounced the Hybrid Casaba to be superior in flavor to any other melon. Fruits are of good size, oblong in shape, greenish-yellow, corrugated exterior at stem end. Plant is a rampant grower, a heavy yielder and bears until cut by frost. At the first sign of frost all melons, even half grown, should be put into a dry place, where they will ripen gradually and luscious fruit may thus be had as late as December. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.75.

RADISH, WHITE DELICIOUS.

A new summer radish from Germany that has quickly attained great popularity and should be planted by everyone. It is particularly adapted for summer use, producing handsome olive shaped roots, which are pure white, exceedingly crisp and of mild flavor. It requires a longer time to mature than the earlier varieties of Radishes, but remains in fine condition much longer. It is altogether the most desirable variety for summer and early fall use, and should be tried by everybody. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

PEAS, THOMAS LAXTON.

This new variety closely resembles Gradus in habit, rapidity of growth, earliness and foliage. Pods are large, long, blunt at the end, well filled with peas and of a deep green color. They grow about 30 inches tall and are ready for the table in 52 days after planting. One of the best varieties for the market and home garden. You will not be disappointed by trying this splendid new variety. Pkt. 10c; ½ pt. 20c; qt. 65c postpaid. Not prepaid, ½ pk. \$1.35; peck \$2.25.

CAULIFLOWER, FIRST OF ALL.

This is the Cauliflower for all the northern countries. Extra early, maturing its large, very solid heads in an extremely short season. The heads are pure white, hard as stone, in quality as good as the famous Snowball. Of vigorous growth, with short stem; foliage dark green and curled. To be especially recommended for the home garden. If you have experienced difficulties in getting your cauliflower to head up well, try our "First of All," and you will have the best results. Pkt. 10c; ½ oz. \$1.00; ounce \$1.75.

POLE BEANS, YARD LONG.

A great curiosity, and withal a bean of excellent quality. Pods usually 18 to 24 inches but frequently 30 and sometimes 36 inches in length. An excellent table vegetable, being tender and of rich asparagus flavor. Plant this fine bean for home use and exhibition purposes. The vines keep on bearing for a long time. The dry beans are kidney shaped, of dark brown color. Pkt. 10c; 3 for 25c.



Early June Tomato.



Peas, Golden King.

FLOWER SEED NOVELTIES.

DIMORPHOTECA OR GOLDEN DAISY.

MIXED HYBRIDS.

This novelty is the same as the Dimorphoteca or Australian Golden Daisy that we have been offering for the past three years with the additional beauty, that it comes in different shades and colors. The plant grows 12 to 15 inches high, the individual flowers are from 2½ to 2¾ inches across, ranging in all colors and shades from pure white to a deep salmon-orange; some varieties even have different colored zones, such as white with a broad sulphur-yellow zone around the black disk or soft salmon-red inner circle, etc. A very free blooming and beautiful annual which is sure to please and should be tried by everyone. Pkt. 20c.



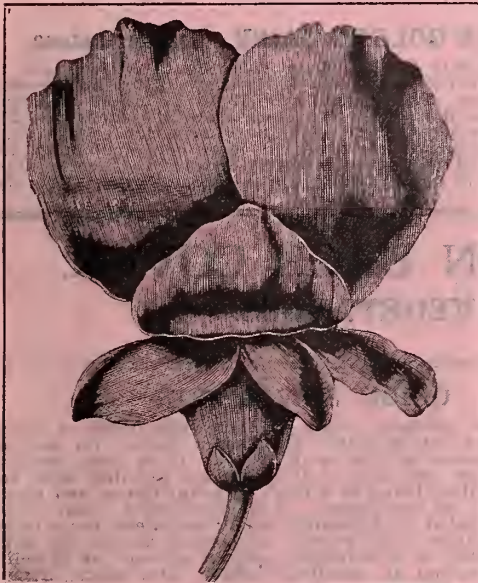
Dimorphoteca, Mixed Hybrids.

MAMMOTH BLUE DAISY OR MARGUERITE.

A wonderfully quick and robust growing Marguerite that is a splendid bedding and edging plant. The plants form compact, well branched bushes about 12 inches high and produce in great profusion single, sky-blue flowers of mammoth size. Seed sown in early spring will make blooming plants by May, and from that time until cut down by frost the plants will bloom. Blossoms a lovely shade of blue. Valuable for bedding and pot culture in the house. Packet 20c.

PANSY, THE GLOBE.

This new Pansy grows almost globe like. No matter how many flowers may succeed one after another, this conspicuous novelty will always conserve its dwarf and compact form. It is doubtless, that this quality makes it very valuable for pot culture. The flowers are large and vary from the palest light blue to the deepest dark blue. As the petals are crisped and undulated, the flowers appear curved and double. The Globe Pansy is extraordinarily rich flowering, 35 to 50 flowers and buds on one plant at the same time not being a rare thing at all. Packet 25c.



Giant Antirrhinum, Purple King.

NEW GIANT ANTIRRHINUM.

PURPLE KING.

A splendid and sensational Novelty. This has put into the shade all the Giant Flowering Antirrhinums previously introduced, the accompanying illustration being the natural size of an individual blossom. The flowers are of a deep, glowing purple color, which will doubtless make it become the pioneer of a new Giant Class. It is of a very great decorative value and should be tried by every lover of flowers and included in every order. Packet 20c; 3 pkts. 50c.

CHRISTMAS TREE COMET ASTER.

ROYAL ROSE.

New and distinct habit of growth and a branching pyramidal form. The plants are quite early in blooming and are most desirable for planting individually at some little space apart, thus showing the symmetrical form of growth. The flowers are of the very best Comet form, the petals being very long and perfectly waved and curled. Extremely free flowering, each plant bearing many beautiful bolssoms of a pleasing shade of rose. Valuable for beds, groups, borders and as a pot plant; useful for cutting. The plants grow about 16 to 18 inches tall. Pkt. 15c.

CHRISTMAS TREE COMET ASTER.

"BRILLIANT CARMINE."

Flowers are of a beautiful glowing carmine red color, of medium size, perfectly imbricated and borne in greatest profusion on the well branched plants. In habit of growth and height the plants are the same as the above sort. A fine bedding plant or for border or pot culture. Splendid as a cut flower. Every lover of flowers should get a packet of these beautiful new asters. Packet 20c.

DELPHINIUM OR LARKSPUR.

CHINESE TOM THUMB, "ULTRAMARINE."

The plant reaches the height of about 8 inches, forms broad and well branched bushes and is during all the summer covered with its very pretty flowers. The latter are about 1½ inches in size and their most lovely and unique coloration as well as the habit of the plant render it indispensable for bedding and borders. It stands potting very well and then it is a most valuable market plant, and a lovely object in any house. May be treated as an annual as well as perennial. Packet 20c.

VERBENA, NEW GIANT FLOWERED.

This new Verbena is of extraordinary size and beauty. It excels all other varieties heretofore known by the size and noble shape of the flower, and the rich display of colors and shades. They contain a large percentage of different shades of red, such as Tyrian Rose, Purple Garnet, Turkey red, Geranium red, Bright rosy scarlet and others, all colorations of highest value, especially as most Verbenas mixtures decline to the blue shades. The flowers are enormously large and have, without exception, a large brilliant white eye which gives to the flower a most effectual appearance. Easy to grow in gardens and deserving to be planted by every lover of flowers. Pkt. 20c; 3 packets for 50c.



Verbena, New Giant Flowered.



Zinnia, Star Flowered.

dark disc surrounded by a black zone. Well adapted for groups or borders, it produces its pretty flowers very early after being planted out in the open ground in sunny situations and will continue to flower during the summer months, Pkt. 15c.

ZINNIA, STAR FLOWERED.

The Star Flowered Zinnia resembles a miniature Cactus Dahlia, so truly does it render the character of the Cactus form with its pointed petals twisted downwards. The plant forms a low, compact bush with strong, green foliage, covered with numerous orange-yellow flowers, which make a beautiful contrast. The Star Flowered Zinnia has an extraordinary great decorative value for dry and sunny positions in parks, planted in groups and also in borders. It blooms from July to October without interruption. This novelty will certainly be welcome everywhere, and should be tried by everyone. Packet 10c.

PETUNIA HYBRIDA "NORMA,"

BLUE WITH WHITE STAR.

The plants of this beautiful new variety are of compact habit and produce their lovely velvety blue and white starred flowers in greatest profusion throughout the summer. While the flowers are not so large as those of the Large Flowering Types, they will produce four times as many and are better adapted for bedding. In bloom all the time. Everywhere, in the small gardens; for large beds and groups, in window boxes, for borders or as a pot plant of value. Packet 16c.

FORGET-ME-NOT "TOM THUMB,"

SKY BLUE, DWARF PILLAR-SHAPED.

This new introduction is of very dwarf, compact growth and has the true pillar shape. Even more free flowering than the old type of Forgetmenots. Its foliage is very fine and sets off the pretty sky-blue flowers to great advantage. On account of the regular habit and height of the plant it may be highly recommended for borders and beds. The plants are literally covered with flowers from top to lowest branches. Packet 15c.

AUSTRALIAN GOLDEN DAISY. Dimorphoteca.

A rare and extremely showy annual from South Africa, soon to become a great favorite on account of its easy culture and beautifully colored flowers. The plants grow 12 to 15 inches high and are very profuse in flowering. Its Marguerite-like blossoms, $2\frac{1}{2}$ to 2 $\frac{3}{4}$ inches in diameter, show a unique glossy rich orange gold, which brilliant coloring is rendered the more conspicuous by the dark disc surrounded by a black zone. Well adapted for groups or borders, it produces its pretty flowers very early after being planted out in the open ground in sunny situations and will continue to flower during the summer months, Pkt. 15c.

TO OUR ILLUSTRATIONS ON BACK COVER. OUR 1913 COLLECTION OF BEST VEGETABLES.

BEAN, YOSEMITE MAMMOTH WAX.

A giant among beans. The pods frequently attain a length of from 8 to 10 inches, with the thickness of a man's finger, and are nearly all solid pulp, the seeds being very small when fit for use. A rich golden yellow color, and are absolutely stringless, cooking tender, and are of a most delicious quality. A popular Wax Bean for the family or market and a fine variety for exhibition purposes. It is enormously productive, as many as fifty of its monster pods being counted on one bush. Pkt. 10c; $\frac{1}{2}$ pt. 20c; qt. 50c postpaid. Not prepaid, $\frac{1}{2}$ peck \$1.15; peck \$2.00.

LETTUCE, MAY KING.

The new early lettuce. Plant this lettuce for the first early head lettuce. It is equally good for outdoor planting or forcing. It has medium sized, solid, round heads, and will bear transportation better than almost any other variety. For early spring planting in the open ground or under glass it is unequalled. The plants grow 6 to 7 inches in diameter; the outer leaves are so closely folded, the plant is practically all head, permitting close planting for frame work. It is hardy, as well as very early, and a quick grower, its fine large heads are ready in advance of any other heading variety. Leaves are a light green, the outer leaves slightly tinged with brown, inner leaves a bright yellow. In flavor it is particularly rich, crisp and tender, melting in the mouth like butter. Pkt. 10c; ounce 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.35 postpaid.

RADISH, NE PLUS ULTRA.

An extra early sort especially adapted for forcing. The roots are small, round and deep rich scarlet in color, with small tops. They make a very quick growth and are ready for use in from 20 to 30 days after sowing of seed. The flesh is white, crisp, very tender and of remarkably fine quality. A favorite with market gardeners and equally as good for the home garden. You will not be disappointed by sowing this variety for your first early radishes. The seed we offer is of the very finest strain. Packet 5c; ounce 10c; $\frac{1}{4}$ lb. 30c; lb. 80c postpaid.

ONION, SILVER SKIN.

A mild and pleasant onion of somewhat flattened shape when matured, but globular when sown thickly for sets or pickling. Ripens quickly and evenly. It is very popular for family use, and one of the best for pickling, also for slicing or boiling, being of a mild, pleasant flavor, and ready for use early in the season. A favorite with many when young as a salad or bunching onion; excellent for winter. Near Philadelphia this variety is largely grown for sets, and is regarded as a standard sort on account of it being hard and firm and an excellent keeper. Our stock is particularly fine. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 70c; lb. \$2.50 postpaid.

WATERMELON, TOM WATSON.

An extra long melon of attractive appearance, uniform in shape and quality. The dark green rind is tough but thin and easily withstands shipment to distant markets. The deep red flesh extends to within three-fourths of an inch of the green rind, is crisp, melting and of finest flavor. The melon measures about 24 inches long and 12 inches in diameter and often attains a weight of from 50 to 60 pounds. It is very prolific, producing in great abundance the large, delicious fruits. An exceptionally good melon for the home garden and market. Sure to take a leading place with large melon growers and shippers. Packet 10c; ounce 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.40 postpaid.

TOMATO, GIANT DWARF.

This splendid new sort is the largest fruited of all dwarf tomatoes; the fruits are truly gigantic in size, and are uniformly large throughout the season. In fact, no other tomato, excepting only the Ponderosa, is so large and heavy. The color is a rich, purple crimson. The skin, while thin and easily removed in peeling, is sufficiently strong to protect the fruit when shipped to distant markets. Giant Dwarf is of uniformly compact and bush-like growth. The thick stalks carry well the tremendous weight of fruits which are produced in clusters of 4 to 6 and weigh 12 to 18 ounces each. Packet 15c.

This Collection of Six Splendid Vegetables, one Packet of Each, for only 35c Postpaid.

To Our Friends and Patrons . . .



N sending out our 27th Annual Catalogue, we wish to thank our customers one and all, for their liberal patronage, and we assure you that we appreciate it very much. The unusual weather of last spring, the floods and snow delayed us and the Railroad companies somewhat in filling our orders, but we hope that the coming season we can make prompt shipments again, so all our customers will get their orders in good time. We have the best of facilities and most modern packing houses.

GENERAL DIRECTIONS.

In making up your order please use the order blank attached to this catalogue. You may feel fully assured that all orders, large or small, will have our careful attention. You will receive first class stock only, and the order will be handled and packed in the best possible manner and delivered to you in good condition. Do not fail to look over our Novelty pages on pink paper in front part of catalog before mailing your order.

REMITTANCES should be made by Postoffice or Express Money Orders, Bank Draft or Registered Letters. For amounts less than \$1.00 postage stamps can be sent.

OUR FRUIT TREE DEPARTMENT. In looking over same, you will find that we offer a nice assortment of the best well-known varieties; also recent introductions which we can recommend.

QUALITY OF STOCK. Our trees and plants are well and carefully raised, and grafting and budding are done by experienced workmen. We dig with the most modern tree diggers, and you get practically all the roots there are on a tree. Nothing is left undone to insure well developed, straight trees, with good even tops and without forks. You will find our trees graded to the sizes given in this catalog, and you will get just what you order.

Our soil is especially adapted to the raising of first class nursery stock, and our rather severe climate insures vigorous, hardy stock, that can stand the raw, cold winters and the dry hot summers, if necessary. We can point to good orchards from our Nurseries, in the Dakotas, as well as in California, Missouri and New York. You make no mistake in purchasing your trees and plants from us.

IN OUR SEED DEPARTMENT we offer a full line of Garden, Flower and Field Seeds of the best quality. All seeds we send out are first tested as to their germinating qualities. They are well cleaned and fresh, and will grow if given a chance. You can order your wants of trees, plants and seeds of us, and need not send to two houses or buy two money orders. For further information about seeds see page 57.

CLUB ORDERS. If a number of neighbors order together, we will tie each order separate, with the purchaser's name attached, and then pack all together in one box. Persons sending in club orders please state what they wish for their trouble and we will gladly send a reasonable amount in trees, plants or seeds free, for their efforts in getting these orders.

PACKING. In order to be able to handle our fast increasing trade, we have built a new packing house and cold storage room of the newest and most approved pattern. It is 110x140 feet, partly two stories and giving us 20,000 square feet of floor space. Our trees are not exposed to sun or wind while being stored and packed. We drive direct from the Nursery grounds into the storage rooms, where stock is graded and billed out in a cold atmosphere. In almost all cases where shipments go by freight we pack in paper lined boxes. When trees go by express, we pack in bales. Packed in this way trees cannot be damaged in transit. We guarantee that all trees and plants reach our customers in fresh, healthy condition, no matter where they go.

WE PAY ALL FREIGHT CHARGES (not express) on orders for Trees and Plants, (not on seeds) amounting to \$10.00 or more, no matter whether one person alone or a number order together, provided the full amount of the order is sent us before we make shipment. You will have less trouble and annoyance if freights are paid in advance. It also saves a good deal of bookkeeping in a very busy season, if the full amount is sent in with the order. Have your bank look us up in Bradstreet's or Dunn's report; you will find that we are responsible. **Above refers to trees and plants only, not to seeds.**

ABOUT OUR PRICES. We know the professional tree agent is continually talking against us. He will tell you that our trees are no good; that because they are so much cheaper they are not budded or grafted right, he will insist that his varieties are the only ones that grow in your climate. He is naturally fighting hard to make a sale, as he is well aware that he cannot compete with our prices. He has hotel bills, livery bills, and car fare to pay in order to go to see his customers personally. This comes very high, and he must add these expenses to his prices, while we send you a catalog at a total cost of 15 cents each. This accounts for our low prices.

We aim to send out only first class trees and plants, and with plenty of roots. All inferior, crooked or injured trees are carefully graded out and burned, well knowing that poor trees are dear at any price. In this way we have built up a large business from a very small beginning, our stock having been the best advertiser for our Nursery. With trees, plants and seeds, the quality should be considered first and then the price. Quality will be remembered long after the price has been forgotten.

GUARANTEE OF GENUINENESS ON TREES AND PLANTS. While we exercise the greatest diligence and care to have all our trees and plants true to label, and hold ourselves in readiness, on proper proof, to replace all trees and plants that may prove untrue to label, free of charge or refund the amount paid, it is mutually understood and agreed to between the purchaser and ourselves that our guarantee of genuineness shall in no case make us liable for any sum greater than that originally received for said trees and plants that prove untrue.

DISCLAIMER. While we exercise the greatest diligence and care to have all our seeds true to label and of best quality, we wish it understood that we give no warranty, express or implied, as to the description, quality, productiveness or any other matter of any seeds we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned. Subject to above conditions we make sales at the very moderate prices at which we sell our goods. German Nurseries and Seed House.

CLAIMS. All claims for errors, shortage or anything else pertaining to your shipment, must be made promptly after receipt of goods. In writing us about your shipment, please remember to give your order number and full particulars. Human help is not infallible, and shipments, as well as mail matter, will miscarry, but please understand this: That the complete satisfaction of our customers is our first wish and that we gladly rectify any and all errors on our part.

RAILROADS. We can ship from Beatrice direct over the Burlington (C. B. & Q. and B. & M.), the Union Pacific and the Rock Island system, also have splendid connections over all other lines at nearby terminals and connecting points.

EXPRESS COMPANIES. The Adams Express Co., the American Express Co., and the United States Express Co., have well equipped offices here for the quick handling of shipments. By these companies we are enabled to ship goods to any express office in the United States, as well as to Canada and principal points in foreign countries. The express companies allow us 20 per cent discount on regular rates no matter whether the charges are prepaid by us or not. All packages weighing less than 30 pounds will go as cheap by express as by freight.

POSTPAID BY MAIL. Orders to go by mail are put up in packages of 4 lbs. or less. While each package cannot weigh more than 4 pounds, the number of packages that can be sent to one address is NOT limited. We can only send trees and plants by mail if the full mailing price, as given in our catalog is paid. We pay all postage and send trees of suitable size to go by mail.

OUR NURSERIES have been thoroughly inspected by the State Entomologist. A certificate like the one on inside cover page will be attached to all shipments.

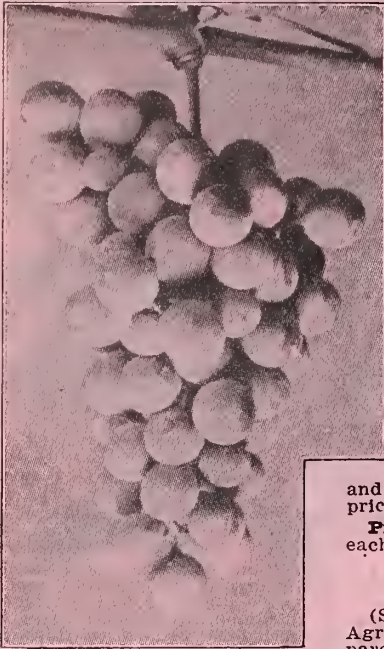
REFERENCES. Our old customers know us. To all those who have never dealt with us, we refer to Union State Bank or Beatrice National Bank.

Address all orders to

German Nurseries and Seed House.
BEATRICE, NEBRASKA.

NOVELTIES AND SPECIALTIES.

We give following a list of Trees, Plants and Seeds that are new or of recent introduction, but have been thoroughly tested and are worthy of a trial by our customers.



Lucile, New Grape.

Sultan is a plum of the Satsuma type and is perhaps a cross with some other species. The Sapa fruited first in 1907 on a tree cut back very severely for bud-sticks. These first specimens were only an inch in diameter but the size will probably increase. The tree is plum-like in habit; one year trees in nursery have many fruit buds; the glossy, dark purple skin, and the rich dark purple red flesh of its Japanese sire. I had a good crop of Sapa Plum on my farm this year and they were fine.

Price, 2 to 3 feet trees, each 40c; 10 for \$3.50; 100 for \$32.50. 3 to 4 feet, each 55c; 10 for \$5.00; 100 for \$47.50. 1½ to 2½ feet trees by mail postpaid, each 45c; 10 for \$4.00.

INKPA PLUM.

Introduced by Prof. Hansen. Plum red, with heavy blue bloom, firm flesh, good quality and rich fragrance. Skin somewhat thick but sweet. Fruit 1½ to 2 inches in diameter. When cooked the strong apricot flavor is brought out to perfection, entirely unlike any native plum. The female parent is a seedling of our wild northwestern plum (*Prunus Americana*); the male parent is the large, firm fleshed, fragrant apricot plum of China (*Prunus Simoni*), popular in the orchards of California. It bore a heavy crop the past season, when the native plums were almost a total failure.

Price, 2 to 3 feet trees, each 40c; 10 for \$3.50; 100 for \$32.50. 3 to 4 feet, each 55c; 10 for \$5.00; 100 for \$47.50. 1½ to 2½ feet trees by mail, postpaid, each 45c; 10 for \$4.00.

TREE CURRANT AND TREE GOOSEBERRY.

These are budded on very hardy stems about 4 to 5 feet high, of the Ribes family, to which the Currant and Gooseberry belong; are just as hardy as in the bush form and will do well anywhere where the Gooseberry and Currant grow. In Europe they have been propagated for years and can be found in almost every garden. You will find the berries on these trees much larger and sweeter, and so much easier to pick than raised in bush form. Besides, the little trees are very ornamental on the lawn, along walks or in the garden. The trees we offer are all budded on the very best varieties, have strong bodies with two year tops. They are easily transplanted and bear the next year.

Tree Gooseberries, about 5 feet high, 90c each; 10 for \$8.00.

Tree Currants, about 5 feet high, 90c each; 10 for \$8.00.

The accompanying photograph of Tree Gooseberry was sent in by one of our customers and he writes as follows: "This Tree Gooseberry was transplanted from German Nurseries & Seed House, 1911; photographed July 1912. Some of the berries were as large as Crab Apples."

709 Vernon Ave.

Beloit, Wis.

THE LUCILE GRAPE.

THE COMING RED MARKET GRAPE.

The Lucile yields as much or more than Concord, Niagara or any other well-known market grape. Hardy and healthy as any grape, and much more so than Niagara. A strong, robust grower and ripens its wood to the tip under a load of fruit, under which the Niagara would not ripen one half. The Lucile ripens between Moore's Early and Worden, just in time to pack with Diamond and Worden; an excellent trio of our National colors—red, white and blue. The Lucile is sweet, and in quality compares favorably with that of Wyoming Red, which it resembles in color. But its crowning glory is in its size and compactness of its clusters which resemble those of Diamond and Pocklington, but even larger. While it is an excellent market grape anywhere, it is indispensable at the extreme North where only early and extra hardy varieties succeed. The Lucile is a good shipper and never drops its berries, but where the season is long enough it gradually dries up into raisins on the vines. Price, 30c each; 10 for \$2.75; 100 for \$25.00. Postpaid 35c each.

THE SAGE PEACH.

Originated here in Beatrice; a chance seedling. The tree is a vigorous, healthy grower, very hardy, and an abundant bearer. The fruit is of good size, about the same as the Elberta, dark yellow with a deep crimson blush, making it very attractive. The flesh is yellow, very firm, juicy, and of excellent quality, as good as the best. A perfect freestone. The main advantage over other peaches of the same class is the time of its ripening, which is last of September to forepart of October. At this time all regular canning peaches such as Crawford's, Elberta, etc., are gone. The Sage Peach comes at a time when the weather is cool. No use for your lady to can peaches when the kitchen is so hot. Plant the Sage peach and you may can them in cool weather. I have a limited stock, but make a very low price on same. Order early to be sure to get them. I know you will like the Peach.

Price, 2 to 3 feet, nice strong trees, each 30c; 10 for \$2.75; 100 for \$25.00. 3 to 4 feet, each 40c; 10 for \$3.75; 100 for \$35.00. 1½ to 3 feet by mail postpaid, each 35c; 10 for \$3.25.

SAPA PLUM.

(See front cover.) Introduced by Prof. Hansen of the South Dakota State College of Agriculture. I give here Professor Hansen's description of this Plum: "The female parent is one of our selected seedlings of the western sand cherry, (*Prunus Besseyi*), a favorite fruit of the Sioux Indians. The male parent, a very large, purple-fleshed Japanese Plum originated by Luther Burbank of California and by him named the Sultan. The



Tree Gooseberry.



HIMALAYA BERRY.

HIMALAYA BERRY.

THIS Berry is a new arrival from the North Slope of the Himalaya Mountains, 6,000 feet above sea level. It is black but not a blackberry. For many centuries the natives of that country have been making wine of it and only the invasion by British troops has brought this delightful, luscious fruit to our civilization. The vine is a vigorous grower, making a growth of 20 to 30 feet in one year, which can be trained on a fence or arbor, similar to grape vines. The enormous clusters of large sized berries ripen all summer, making the Himalaya the most productive of any variety known. They have no core and the flavor is sweet, of unusual richness, and when ripe will literally melt in your mouth. For pies, jellies and dessert the Himalaya Berry is a perfect success, being ahead of any similar fruit. The severity of their native climate has made the berries hardy, and both plant and fruit will stand extremes of heat and cold better than any other variety. It is hard for you to realize what a treat a dish of these new berries would be. We believe they will be in great demand as soon as they are known and enough grown in the United States to supply the demand. There has never been a kick from parties growing the Himalaya, but all praise it and say it's the finest berry ever introduced. While the Himalaya has fruited well here in Beatrice, we would not advise our customers to plant in large quantities in localities where it has not been tried. Plant a few and find out how it will do in your locality. Price, each 10c; 10 for 80c; 100 for \$7.00. Postpaid 12c each; 10 for \$1.00.

SUNBEAM RASPBERRY.

(See front cover.) Another of Prof. Hanson's creations. Here is his description of the Sunbeam Raspberry: The first of our many thousands of raspberry seedlings to be named. First sent out spring 1906. Female parent, a wild red raspberry from Cavalier county, North Dakota, near the Manitoba line. Male parent, Shaffer's Colossal from New York. Plant extremely vigorous, productive, purple-caned, sprouts freely. Fruit of fair size and quality. Worthy of trial where raspberries winter-kill as it has endured 41 degrees below zero without protection. It endured last winter perfectly at Bismarck, North Dakota, without protection and other good reports have been received."

I find that this Raspberry is not quite as large as some other varieties, but of good quality and flavor and it will bear fruit every year when other varieties freeze out entirely. Price, 10c each; 10 for 80c; 100 for \$7.50. Postpaid 10c each.

ST. REGIE EVERBEARING RED RASPBERRY.

Raspberries for four months! That's what you get when you plant the St. Regie, the new everlasting variety. Moreover, they are not only raspberries, but raspberries of the very highest grade—in size, in brilliant crimson color, in firmness, in flavor. The variety has been aptly termed "the early till late" variety; for it is the first red raspberry to give ripe fruit, while it continues to produce berries without intermission until late October. St. Regie is of pure American blood and of ironclad hardihood. In addition to the bright crimson color and large size of the fruit, it is so firm and rich in sugar that it will stand shipping two hundred miles, arriving at market in first class order; and it can readily be kept in perfect condition for several days after being gathered. Unlike any other raspberry, the St. Regie yields a crop of fruit the season it is planted. Plants of it planted in early April gave ripe berries on June 20th of the same year. For four weeks thereafter the yield was heavy and the canes continued to produce ripe fruit freely without intermission, until the middle of October. The berries were large and beautiful, firm and full flavored to the very last.

Price, each 15c; 10 for \$1.25; 100 for \$10.00. Postpaid 20c each; 10 for \$1.60.

THE BLUE ROSE.

VEILCHENBLAU OR VIOLET-BLUE.

THE BLUE ROSE. VEILCHENBLAU OR VIOLET-BLUE. After years of effort rosarians have been rewarded by the production of a Blue Rose, which will be welcomed with the greatest interest by all lovers of the garden. This new climbing Rose surpasses all others of recent introduction in having a pure blue color. The flowers appear in large clusters after the manner of the Crimson Rambler, are semi-double and of medium size. Upon first opening the color is partly bright red and partly bright rose, turning soon a steel blue. The color is best described by saying it resembles that of early violets. This variety is a strong grower, has shining green foliage and few thorns. It has not been troubled with mildew and is classed among the hardiest climbing roses, withstanding the winters very successfully. Our Blue Roses were imported from the originator by ourselves, so they are true to name. They are 2 year, strong plants and will bloom the first year. We have NO small plants grown in pots in the green house. Price 30c each; 10 for \$2.75. Postpaid 35c each.

OUR NOVELTY COLLECTIONS.

\$3.00 GRAPE OFFER FOR ONLY \$2.00.

10 Concord, catalog price	\$.80
10 Niagara, catalog price	1.00
8 Moore's Early, catalog price	1.20

Catalogue mail price.....\$3.00

Above 28 grape vines, 2 years old, strong plants, postpaid, by mail, for \$2.00.

\$1.25 GRAPE OFFER FOR ONLY \$1.00.

1 Agawam Grape, 2 year No. 1.....	\$0.10
1 Campbell's Early Grape, 2 year No. 1.....	.25
1 Catawba Grape, 2 year No. 1.....	.10
1 Delaware Grape, 2 year No. 1.....	.15
1 Diana Grape, 2 year old No. 1.....	.10
1 Hartford Grape, 2 year No. 1.....	.15
1 Green Mountain Grape, 2 year old No. 1.....	.30
1 Golden Pocklington Grape, 2 year No. 1.....	.10

Catalog mail price.....\$1.25

Above 8 fine 2 year old Grape Vines by mail, postpaid for \$1.00.

\$1.00 COLLECTION OF NOVELTIES.

2 Carolina Golden Raspberry, postpaid	\$.50
3 St. Regie Everbearing Raspberry, postpaid.....	.60
3 Sunbeam Red Raspberry, postpaid .....	.30

Catalog mail price

Will send above 8 Raspberries, strong, nice plants, postpaid for \$1.00.

\$1.25 BLACKBERRY COLLECTION FOR \$1.00.

5 Iceberg Blackberry, catalogue mail price.....	\$0.45
5 Mersereau Blackberry, catalogue mail price.....	.30
5 Erie Blackberry, catalogue mail price .....	.25
5 Lucretia Dewberry, catalogue mail price .....	.25

Catalog mail price.....\$1.25

Will send these 20 plants for \$1.00 postpaid.



St. Regie Everbearing Red Raspberry.

CAROLINA GOLDEN RASPBERRY.

From one of the best growers of Raspberries in Germany. Berry large, yellow, firm and sweet. A good bearer and very hardy. It is much superior to the old Golden Queen. A better berry in every respect and of a prettier yellow color. Price, 20c each; 10 for \$1.75; 100 for \$16.00. Postpaid 25c each; 10 for \$2.20.

NEW ROSES.

BABY TAUSENDSCHOEN. (Thousand Beauties.) A grand Novelty of the Baby Rambler type. Flowers appear in large clusters the same as with the climbing "Thousand Beauties," are of a good size, of the same beautiful colors, all shades from pink to white and yellowish. Blooms all summer. A grand novelty that is sure to give satisfaction. Price, 50c each; 3 for \$1.35; 10 for \$4.00. Postpaid 55c each; 3 for \$1.50.

MADAME RAVARY. (Hybrid Tea.) A beautiful monthly rose, blooming profusely all summer. The plant grows vigorous and is as hardy as the Kaiserin. The flower is large, very double and of an exquisite orange yellow color, which it holds well. Probably the best yellow rose in cultivation, much better than Golden Sun and a more profuse bloomer. I can recommend this rose. You will not be disappointed, Price, 40c each; 10 for \$3.75. Postpaid 45c each; 10 for \$4.00.

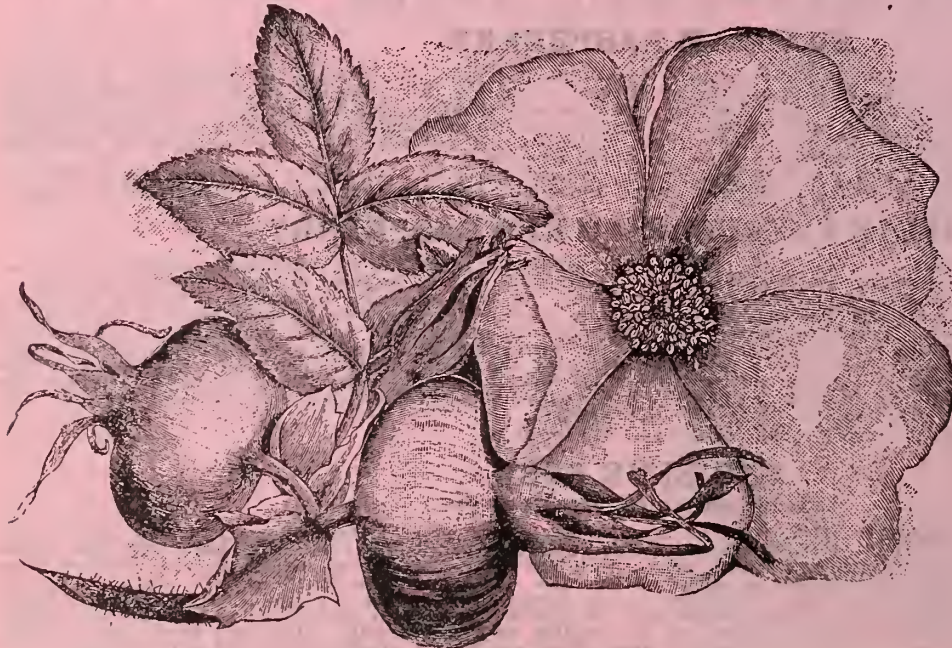
RUGOSA ROSES.

ROSA RUGOSA.

Large fruited Edible. Fine garden roses, with dense foliage of deep polished green. These roses are natives of Japan, and bloom from May to September. In winter the bushes are covered with very decorative bunches of large scarlet or crimson, or orange fruit. The fruit is edible and of good flavor. Flowers have a purplish color and we also have them in pure white.

ROSA RUGOSA JAM.—To each pound of fruit allow one and one half pints of water, and one and one half pounds of loaf sugar. Prepare the "hips" by cutting them in halves across, and scooping out all the seeds and hairy insides most carefully. Boil the water and sugar until it thickens. Then put in first the less ripe "hips;" afterwards adding the ripe ones. Simmer gently till soft, an hour or longer, as necessary. When the fruit is golden yellow, it is the finest for jam. When a crimson red, it is often too ripe and soft. Use cane sugar, not beet sugar.

Strong plants, each 40c; 10 for \$3.50. Postpaid 50c each.



Rosa Rugosa.

VEGETABLE SEEDS.

NOVELTIES AND VARIETIES OF SPECIAL MERIT.

RED CABBAGE, OTHELLO.

This new Red Cabbage "Othello" puts into the shade every variety known in the trade, as it surpasses them all by far, in size, productiveness, solidity and keeping quality. It has all the superior qualities of the true variety of largest Flat White Brunswick Cabbage, being of the same great size and exceeds by far that of all the known varieties of Red Cabbage. It forms a smooth, flat, slightly arched head, is exceedingly firm, deep, glossy black-red and is the best keeper during the winter. These qualities mark Othello as the largest, most productive, and best keeping dark red cabbage in the market. Packet 10c; ½ oz. 20c; oz. 35c; ¼ lb. 1.25 postpaid.

MUSKMELON, HUNGARIAN PINEAPPLE.

A decided acquisition and the finest flavored, sweetest and most aromatic of all muskmelons. Ripens medium early, very prolific and a good shipper. Exterior very interesting, warty, when ripe of brilliant golden yellow. Flesh deep red, very rich and juicy, resembling the pineapple in its aromatic flavor. For the home garden you cannot possibly find a finer quality melon. Our customers were very enthusiastic over this melon when we offered the seed for the first time. Pkt. 10c; oz. 30c.

NEW EXTRA EARLY PEA, "SAXONIA."

This new Pea is as early as the well known First and Best, but nearly doubly as productive and the pods are fully one-third to one-half larger. The plants grow two feet high and are healthy, vigorous and hardy. The pods are 3½ to 4 inches long and ready for market with the extra early sorts, they appear in great quantities, mostly in pairs, and are of the same shape and about as full of large peas as the main crop varieties. Will yield big crops of splendid quality peas for all purposes. Highly to be recommended for the market as well as the home garden. It is without doubt the best of all extra early peas. Pkt. 10c; ½ pt. 30c; pt. 45c; qt. 85c postpaid.

LEEK, GIANT PRIZE-TAKER.

On account of its large size and attractive appearance, this variety is ideal for growing to show at exhibitions and market. Produces its extra large, thick shoots very quickly. In quality it is better than any other variety. Profitable for the market gardener and excellent for the kitchen. Pkt 10c; oz. 25c; ¼ lb. 80c.



Othello Cabbage.



Golden Hercules Pepper.

PEPPER, GOLDEN HERCULES.

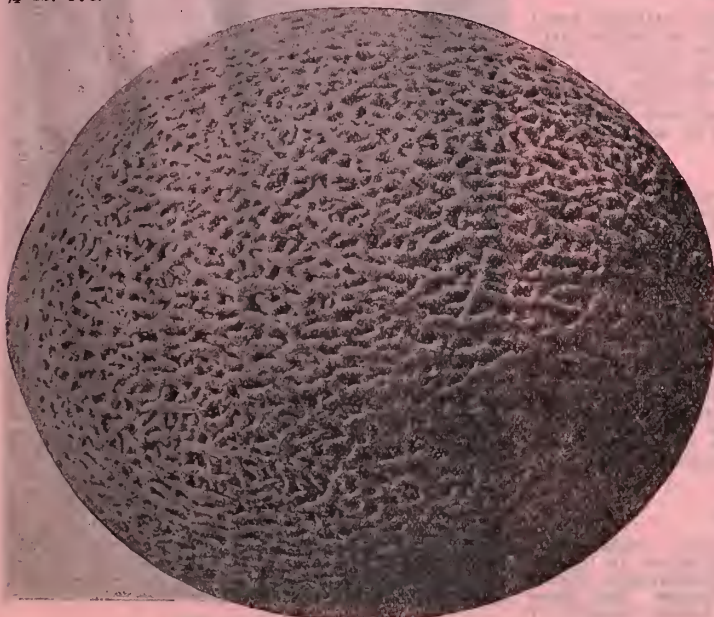
A Giant among the Pepper fruits. The fruit has solid flesh of good flavor and of a magnificent golden yellow color. The plant grows uncommonly strong and is extremely productive, there often being a dozen of well shaped fruits on one plant at one and the same time. Its value is still increased by the upright growing of the fruits. They are consequently exposed to the sun, mature earlier and even; during wet weather they cannot become rotten so easily, as the kinds with hanging fruits, which come in contact with the soil too easy. A good Pepper for all around use. Sold in packets only. Packet 15c; 3 packets for 40c.

ONION, WESTERN PRIZETAKER.

The largest and handsomest Yellow Globe Onion. They attain an immense size, fifteen inches in circumference being often attained under favorable conditions. This onion is of the same type as the large Spanish Onions imported in quantity and sold in crates, which always command a high price. It is of a bright straw colored skin and thin neck. Ripens up hard and fine; flesh is pure white, fine grained, mild and of delicate flavor. Excellent for fall or early winter use. Packet 10c; ounce 20c; ¼ lb. 60c; lb. \$2.00 postpaid.

MUSKMELON, RUST RESISTANT ROCKY FORD.

This is the highest development yet attained in the Rocky Ford Cantaloupe, both in netting and rust resistant qualities. The melons appear as shown in illustration, the heavy gray netting being closely laced and interlaced over the entire surface of the melon from the stem to the well developed blossom button. The meat is light green and very deep; its flavor is not excelled by any of the green meat sorts and none of them are better, if as good, shippers. It is highly rust resistant. Under favorable conditions when other strains rust badly the vines of this strain remain green and thrifty, continuing to blossom and set on fruits. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.



Rust Resistant Rockyford Cantaloupe.

Sonora, Calif., Jan. 3, 1912.
The Davis Perfect Cucumber and Chinese Giant Pepper, I raised from seed I got of you, (1 pkt. of each) last year were very excellent in quality and perfectly satisfactory in quantity. We used to gather cucumbers by the washtub full. R. Booth,



Early June Tomato.

green foliage and are of a healthy and quick growth. The pods are of a rich golden yellow color, are well filled with 8 to 10 large peas of a very delicate and sweet flavor. Undoubtedly a splendid variety and should be tried by everyone. Packet 15c; ½ pt. 30c; pt. 45c; qt. 85c.

MUSKMELON, HYBRID CASABA.

A late variety of Muskmelon that has become very popular in the South. Flesh nearly 3 inches thick, and of excellent flavor, very juicy and melting. A great many growers pronounced the Hybrid Casaba to be superior in flavor to any other melon. Fruits are of good size, oblong in shape, greenish-yellow, corrugated exterior at stem end. Plant is a rampant grower, a heavy yielder and bears until cut by frost. At the first sign of frost all melons, even half grown, should be put into a dry place, where they will ripen gradually and luscious fruit may thus be had as late as December. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.75.

RADISH, WHITE DELICIOUS.

A new summer radish from Germany that has quickly attained great popularity and should be planted by everyone. It is particularly adapted for summer use, producing handsome olive shaped roots, which are pure white, exceedingly crisp and of mild flavor. It requires a longer time to mature than the earlier varieties of Radishes, but remains in fine condition much longer. It is altogether the most desirable variety for summer and early fall use, and should be tried by everybody. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

PEAS, THOMAS LAXTON.

This new variety closely resembles Gradus in habit, rapidity of growth, earliness and foliage. Pods are large, long, blunt at the end, well filled with peas and of a deep green color. They grow about 30 inches tall and are ready for the table in 52 days after planting. One of the best varieties for the market and home garden. You will not be disappointed by trying this splendid new variety. Pkt. 10c; ½ pt. 20c; qt. 65c postpaid. Not prepaid, ½ pk. \$1.35; peck \$2.25.

CAULIFLOWER, FIRST OF ALL.

This is the Cauliflower for all the northern countries. Extra early, maturing its large, very solid heads in an extremely short season. The heads are pure white, hard as stone, in quality as good as the famous Snowball. Of vigorous growth, with short stem; foliage dark green and curled. To be especially recommended for the home garden. If you have experienced difficulties in getting your cauliflower to head up well, try our "First of All," and you will have the best results. Pkt. 10c; ½ oz. \$1.00; ounce \$1.75.

POLE BEANS, YARD LONG.

A great curiosity, and withal a bean of excellent quality. Pods usually 18 to 24 inches and frequently 30 and sometimes 36 inches in length. An excellent table vegetable, being tender and of rich asparagus flavor. Plant this fine bean for home use and exhibition purposes. The vines keep on bearing for a long time. The dry beans are kidney shaped, of dark brown color. Pkt. 10c; 3 for 25c.

TOMATO, EARLY JUNE.

This splendid new Tomato ripens earlier than "Earliana." The fruit is as smooth and high colored as "Stone," and as meaty and solid as "Ponderosa." The plants are vigorous and of extremely quick growth, yielding large, well shaped fruit in greatest abundance. It is almost seedless, the flesh thick and firm, and the flavor delicious. Its main points are earliness, large size and fine flavor. A new variety that will please everybody. Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.40.

LETTUCE, GERMAN ICEHEAD.

A new Lettuce from Germany. Unequaled in quality, tenderness, size and durability. Heads very large, of crisp, delicious flavor, yellowish-green, outer leaves finely curled enclosing the very solid heads like cabbage. Will withstand drought very well and stand 4 to 5 weeks before running to seed. The leaves are so tender and brittle as to have suggested the name Ice-Head. No one who has once planted this fine lettuce will want to be without it. Pkt. 10c; oz. 25c; ¼ lb. 75c.

BEAN, MICHIGAN WHITE WAX.

This new wax bean has proved of exceptional value. For years past there was a constant demand for a white seeded wax bean of the highest quality. Briefly described, Michigan White Wax is a white seeded Golden Wax, but in several vital features it is distinctly superior to that excellent and exceedingly popular variety. The vine is a little larger, more robust and vigorous; foliage a little heavier. The handsome pods are produced in greater abundance and are very uniform in size and color which is a very attractive light golden yellow. The seed is clear white. Packet 10c; ½ pint 15c; quart 50c postpaid. Not prepaid, ½ peck \$1.00; peck \$1.90; bushel \$6.00.

PEAS, GOLDEN KING.

This new introduction is a novelty of great merit. It is of beautiful appearance and splendid quality. They grow about four feet high, have deep



Peas, Golden King.

FLOWER SEED NOVELTIES.

DIMORPHOTECA OR GOLDEN DAISY.

MIXED HYBRIDS.

This novelty is the same as the Dimorphoteca or Australian Golden Daisy that we have been offering for the past three years with the additional beauty, that it comes in different shades and colors. The plant grows 12 to 15 inches high, the individual flowers are from 2½ to 2¾ inches across, ranging in all colors and shades from pure white to a deep salmon-orange; some varieties even have different colored zones, such as white with a broad sulphur-yellow zone around the black disk or soft salmon-red inner circle, etc. A very free blooming and beautiful annual which is sure to please and should be tried by everyone. Pkt. 20c.

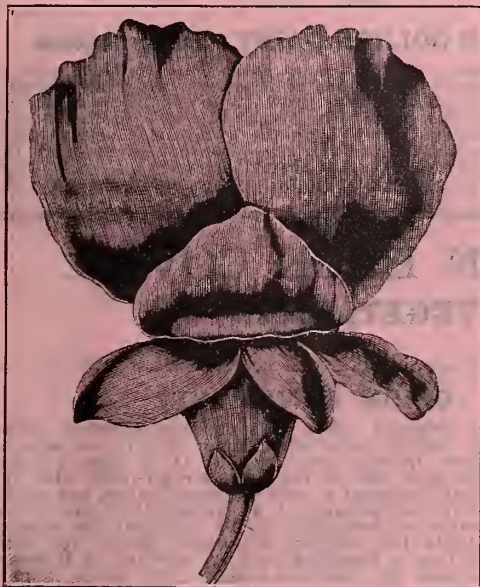
MAMMOTH BLUE DAISY OR MARGUERITE.

A wonderfully quick and robust growing Marguerite that is a splendid bedding and edging plant. The plants form compact, well branched bushes about 12 inches high and produce in great profusion single, sky-blue flowers of mammoth size. Seed sown in early spring will make blooming plants by May, and from that time until cut down by frost the plants will bloom. Blossoms a lovely shade of blue. Valuable for bedding and pot culture in the house. Packet 20c.

PANSY, THE GLOBE.

This new Pansy grows almost globe like. No matter how many flowers may succeed one after another, this conspicuous novelty will always conserve its dwarf and compact form. It is doubtless, that this quality makes it very valuable for pot culture. The flowers are large and vary from the palest light blue to the deepest dark blue. As the petals are

crisped and undulated, the flowers appear curved and double. The Globe Pansy is extraordinarily rich flowering, 35 to 50 flowers and buds on one plant at the same time not being a rare thing at all. Packet 25c.



Giant Antirrhinum, Purple King.



Dimorphoteca, Mixed Hybrids.

NEW GIANT ANTIRRHINUM.

PURPLE KING.

A splendid and sensational Novelty. This has put into the shade all the Giant Flowering Antirrhinums previously introduced, the accompanying illustration being the natural size of an individual blossom. The flowers are of a deep, glowing purple color, which will doubtless make it become the pioneer of a new Giant Class. It is of a very great decorative value and should be tried by every lover of flowers and included in every order. Packet 20c; 3 pkts. 50c.

CHRISTMAS TREE COMET ASTER.

ROYAL ROSE.

New and distinct habit of growth and a branching pyramidal form. The plants are quite early in blooming and are most desirable for planting individually at some little space apart, thus showing the symmetrical form of growth. The flowers are of the very best Comet form, the petals being very long and perfectly waved and curled. Extremely free flowering, each plant bearing many beautiful bolssoms of a pleasing shade of rose. Valuable for beds, groups, borders and as a pot plant; useful for cutting. The plants grow about 16 to 18 inches tall. Pkt. 15c.

CHRISTMAS TREE COMET ASTER.

"BRILLIANT CARMINE."

Flowers are of a beautiful glowing carmine red color, of medium size, perfectly imbricated and borne in greatest profusion on the well branched plants. In habit of growth and height the plants are the same as the above sort. A fine bedding plant or for border or pot culture. Splendid as a cut flower. Every lover of flowers should get a packet of these beautiful new asters. Packet 20c.

DELPHINIUM OR LARKSPUR.

CHINESE TOM THUMB, "ULTRAMARINE."

The plant reaches the height of about 8 inches, forms broad and well branched bushes and is during all the summer covered with its very pretty flowers. The latter are about 1½ inches in size and their most lovely and unique coloration as well as the habit of the plant render it indispensable for bedding and borders. It stands potting very well and then it is a most valuable market plant, and a lovely object in any house. May be treated as an annual as well as perennial. Packet 20c.

VERBENA, NEW GIANT FLOWERED.

This new Verbena is of extraordinary size and beauty. It excels all other varieties heretofore known by the size and noble shape of the flower; and the rich display of colors and shades. They contain a large percentage of different shades of red, such as Tyrian Rose, Purple Garnet, Turkey red, Geranium red, Bright rosy scarlet and others, all colorations of highest value, especially as most Verbenas mixtures decline to the blue shades. The flowers are enormously large and have, without exception, a large brilliant white eye which gives to the flower a most effectual appearance. Easy to grow in gardens and deserving to be planted by every lover of flowers. Pkt. 20c; 3 packets for 50c.



Verbena, New Giant Flowered.



Zinnia, Star Flowered.

dark disc surrounded by a black zone. Well adapted for groups or borders, it produces its pretty flowers very early after being planted out in the open ground in sunny situations and will continue to flower during the summer months. Pkt. 15c.

ZINNIA, STAR FLOWERED.

The Star Flowered Zinnia resembles a miniature Cactus Dahlia, so truly does it render the character of the Cactus form with its pointed petals twisted downwards. The plant forms a low, compact bush with strong, green foliage, covered with numerous orange-yellow flowers, which make a beautiful contrast. The Star Flowered Zinnia has an extraordinary great decorative value for dry and sunny positions in parks, planted in groups and also in borders. It blooms from July to October without interruption. This novelty will certainly be welcome everywhere, and should be tried by everyone. Packet 10c.

PETUNIA HYBRIDA "NORMA."

BLUE WITH WHITE STAR.

The plants of this beautiful new variety are of compact habit and produce their lovely velvety blue and white starred flowers in greatest profusion throughout the summer. While the flowers are not so large as those of the Large Flowering Types, they will produce four times as many and are better adapted for bedding. In bloom all the time. Everywhere, in the small gardens; for large beds and groups, in window boxes, for borders or as a pot plant of value. Packet 15c.

FORGET-ME-NOT "TOM THUMB."

SKY BLUE, DWARF PILLAR-SHAPED.

This new introduction is of very dwarf, compact growth and has the true pillar shape. Even more free flowering than the old type of Forgetmenots. Its foliage is very fine and sets off the pretty sky-blue flowers to great advantage. On account of the regular habit and height of the plant it may be highly recommended for borders and beds. The plants are literally covered with flowers from top to lowest branches. Packet 15c.

AUSTRALIAN GOLDEN DAISY. Dimorphoteca.

A rare and extremely showy annual from South Africa, soon to become a great favorite on account of its easy culture and beautifully colored flowers. The plants grow 12 to 15 inches high and are very profuse in flowering. Its Marguerite-like blossoms, 2½ to 3¼ inches in diameter, show a unique glossy rich orange gold, which brilliant coloring is rendered the more conspicuous by the dark disc surrounded by a black zone. Well adapted for groups or borders, it produces its pretty flowers very early after being planted out in the open ground in sunny situations and will continue to flower during the summer months. Pkt. 15c.

TO OUR ILLUSTRATIONS ON BACK COVER. OUR 1913 COLLECTION OF BEST VEGETABLES.

BEAN, YOSEMITE MAMMOTH WAX.

A giant among beans. The pods frequently attain a length of from 8 to 10 inches, with the thickness of a man's finger, and are nearly all solid pulp, the seeds being very small when fit for use. A rich golden yellow color, and are absolutely stringless, cooking tender, and are of a most delicious quality. A popular Wax Bean for the family or market and a fine variety for exhibition purposes. It is enormously productive, as many as fifty of its monster pods being counted on one bush. Pkt. 10c; ½ pt. 20c; qt. 50c postpaid. Not prepaid, ½ peck \$1.15; peck \$2.00.

LETTUCE, MAY KING.

The new early lettuce. Plant this lettuce for the first early head lettuce. It is equally good for outdoor planting or forcing. It has medium sized, solid, round heads, and will bear transportation better than almost any other variety. For early spring planting in the open ground or under glass it is unequalled. The plants grow 6 to 7 inches in diameter; the outer leaves are so closely folded, the plant is practically all head, permitting close planting for frame work. It is hardy, as well as very early, and a quick grower, its fine large heads are ready in advance of any other heading variety. Leaves are a light green, the outer leaves slightly tinged with brown, inner leaves a bright yellow. In flavor it is particularly rich, crisp and tender, melting in the mouth like butter. Pkt. 10c; ounce 15c; ¼ lb. 50c; lb. \$1.35 postpaid.

RADISH, NE PLUS ULTRA.

An extra early sort especially adapted for forcing. The roots are small, round and deep rich scarlet in color, with small tops. They make a very quick growth and are ready for use in from 20 to 30 days after sowing of seed. The flesh is white, crisp, very tender and of remarkably fine quality. A favorite with market gardeners and equally as good for the home garden. You will not be disappointed by sowing this variety for your first early radishes. The seed we offer is of the very finest strain. Packet 5c; ounce 10c; ¼ lb. 30c; lb. 80c postpaid.

ONION, SILVER SKIN.

A mild and pleasant onion of somewhat flattened shape when matured, but globular when sown thickly for sets or pickling. Ripens quickly and evenly. It is very popular for family use, and one of the best for pickling, also for slicing or boiling, being of a mild, pleasant flavor, and ready for use early in the season. A favorite with many when young as a salad or bunching onion; excellent for winter. Near Philadelphia this variety is largely grown for sets, and is regarded as a standard sort on account of it being hard and firm and an excellent keeper. Our stock is particularly fine. Pkt. 5c; oz. 20c; ¼ lb. 70c; lb. \$2.50 postpaid.

WATERMELON, TOM WATSON.

An extra long melon of attractive appearance, uniform in shape and quality. The dark green rind is tough but thin and easily withstands shipment to distant markets. The deep red flesh extends to within three-fourths of an inch of the green rind, is crisp, melting and of finest flavor. The melon measures about 24 inches long and 12 inches in diameter and often attains a weight of from 50 to 60 pounds. It is very prolific, producing in great abundance the large, delicious fruits. An exceptionally good melon for the home garden and market. Sure to take a leading place with large melon growers and shippers. Packet 10c; ounce 15c; ¼ lb. 45c; lb. \$1.40 postpaid.

TOMATO, GIANT DWARF.

This splendid new sort is the largest fruited of all dwarf tomatoes; the fruits are truly gigantic in size, and are uniformly large throughout the season. In fact, no other tomato, excepting only the Ponderosa, is so large and heavy. The color is a rich, purple crimson. The skin, while thin and easily removed in peeling, is sufficiently strong to protect the fruit when shipped to distant markets. Giant Dwarf is of uniformly compact and bush-like growth. The thick stalks carry well the tremendous weight of fruits which are produced in clusters of 4 to 6 and weigh 12 to 18 ounces each. Packet 15c.

This Collection of Six Splendid Vegetables, one Packet of Each, for only 35c Postpaid.



FRUIT DEPARTMENT

APPLES.

This is the most important fruit we have. It is profitable to the producer, more so than any other crop of which we know. A good apple is relished by all and at all times. By planting the right varieties, you can have fresh apples almost during the whole year. Apples should be planted about 25x25 feet; some plant 30x30 feet. In this case it is advisable to plant peach or cherry trees between the rows. Plant trees about one inch deeper than they stood in the nursery, keep ground free from weeds and well cultivated.

We give below a list of the best varieties in cultivation for home use and market. In the two-year-old trees the caliper is about as follows: 5-7 feet, 3/4 inch and up; 4-5 feet, 5/8 to 3/4 inch; 3-4 feet, 1/2 to 5/8 inch; 2-3 feet, less than 1/2 inch.

Almost all our scions are cut from bearing orchards. The one year trees I offer are mostly whips, not branched, 2 year roots, one year tops, having been cut back last spring. For the planting of large orchards I recommend these trees, as they can be pruned back to the desired height, so the whole orchard will be even. You will find these trees especially well rooted, clean and of good caliper.

We make the following low prices on Apple trees **except where otherwise mentioned.**

	Per 1	Per 10	Per 100	Per 1000
2 to 3 feet, 1 year tops, 2 year roots.....	\$0.10	\$0.80	\$ 7.50	\$ 70.00
3 to 4 feet, 1 year tops, 2 year roots.....	.15	1.25	10.00	90.00
3 to 4 feet, 2 year trees, well branched.....	.15	1.40	12.00	100.00
4 to 5 feet, 1 year tops, 2 year roots.....	.20	1.90	17.00	160.00
4 to 5 feet, 2 year trees, well branched.....	.25	2.30	20.00	190.00
5 to 6 feet, 2 year trees, well branched.....	.30	2.80	27.00	260.00
1 1/2 to 3 feet, by mail postpaid.....	.10	.90	8.50	

WINTER VARIETIES.

ARKANSAS BLACK. Large, rich dark red, fine flavor, best quality and hardy. Good market variety. Good keeper. One and two year trees.

BALDWIN. Planted largely in the Eastern States. Large, bright red, crisp, juicy, rich. Very productive and hardy. One and two year trees.

BLACK BEN DAVIS. The tree growth is of the Ben Davis character, but stronger, hardier, thriftier, better resister of drouth; foliage more vigorous and succeeds over a large territory. In fruit it is one of the handsomest of all apples; large, solid deep, dark red (no stripes). Its wonderful beauty makes it a profit earner and a big one. In the spring of 1909 it sold on Chicago and New York markets at \$3.00 per box, while Jonathan brought but \$2.00. An A-1 keeper, either in a common cellar or cold storage. No apple will stand hard handling or long distance shipping better.

BAYARD. A newer variety which can be well recommended. Fruit large, round, dark red with white dots; flesh white, fine grained, solid, crisp and juicy, with a refreshing vinous flavor. Is an excellent keeper. Tree grows upright and vigorous, is an abundant and constant bearer. Very hardy. We have 1 year old trees only of this variety.

BEN DAVIS. Known also as Kentucky Red, and New York Pippin. This variety is still in good demand for commercial and family orchards. Fruit large, round, bright yellow, covered with red; flesh white, tender, juicy; flavor sub-acid. Fine keeper. The tree grows upright and very vigorous. I prefer the Gano though, as it will grow wherever the Ben Davis will and is of much better quality. One and two year trees.

FRANZ. A new apple from Germany. The tree is entirely hardy, has stood the test of the severe winters of 1898 and 1899 in Minnesota without being damaged in any way whatever, and has borne a crop of apples every year. It is a strong, vigorous grower, of symmetrical form, has smooth bark which never cracks, or is injured any way by frost or heat. The apples hang tightly on the tree and it is seldom that one is blown off by the wind. The trees commenced to bear three years after transplanting, and have since borne a crop every year. When six years old, most of them bore over a bushel of sound apples. The fruit is medium to large in size, greenish with red; with white, tender meat, very thin skin, and ripens in Minnesota from the 20th to the end of September. It is a long keeper. Apples that were sent us from Minnesota in the Fall, kept until June and a few of them until July. They were kept in an ordinary cellar, wrapped in paper. The Franz apple can only be bought of us. 2 to 3 and 3 to 4 feet trees only.

GANO. A seedling of the Ben Davis. Has a more even, red color, better flavor and flesh is finer grained than its parent. A good market variety and very hardy. One and two year trees.

GRIMES GOLDEN PIPPIN. Good size, golden yellow, flesh crisp, tender, spicy, with peculiar aroma. One of the best flavored apples in cultivation, but should not be planted north of here. 1 and 2 year old trees.

JANET OR GENATON. Medium size, green with red stripes, very juicy; long keeper. Is a very late bloomer and often escapes late frosts, when other varieties are hurt. Very hardy. 1 and 2 year old trees.

JONATHAN. Probably the best apple in regard to quality and flavor grown in America. Fruit deep red, with yellow at both ends; of medium size. Flesh tender, juicy, and very rich, with a delicate vinous flavor. Tree is a moderate grower. Very productive and young bearer. The fruit keeps well until February. Splendid family sort and highly profitable for market. Largely planted in New Mexico, Colorado, Idaho and Oregon. Not hardy north of here. 1 and 2 year old trees.

MAMMOTH BLACK TWIG. Originated in Tennessee. The original tree is now fifty years old and is still vigorous and in bearing. Fruit large to very large, roundish, somewhat flattened, dark red, slightly streaked; flesh firm, yellow, sub-acid and juicy, of excellent quality. A fine keeper. Its size, splendid shipping and keeping qualities render it one of the most valuable varieties. A better apple than the Winesap, and a healthy and vigorous grower. 1 and 2 year old trees.

MISSOURI PIPPIN. A very young bearer, trees hardy and vigorous growers. Bright red, striped with yellow. Good quality somewhat acid. Good market variety. 2 year old trees only.

APPLES. WINTER VARIETIES.—Continued.

McINTOSH RED. Large, roundish, skin mostly covered with red or crimson, almost purplish in the sun. Flesh white, very tender, juicy, mild, sub-acid. Tree vigorous, extremely hardy and long lived. Good bearer. Best for market in Wyoming and Montana, where it is extensively planted. Splendid market variety. Should be planted everywhere. Large orchards of this variety are planted in Montana, Idaho, and Wyoming. A good hardy variety for Nebraska and the Northern States. 1 and 2 year old trees.

NORTHERN SPY. Fruit large, bright red, splashed with carmine; rich, juicy and refreshing; very good quality. Trees very hardy, late bloomer. Largely grown in Michigan, Wisconsin, and the Eastern States. Not very successful in Nebraska. Two year old trees only.

NORTHWESTERN GREENING. Tree a splendid, vigorous grower, extremely hardy. Fruit large, green, becoming yellowish-green when ripe. Flesh yellow, fine grained and firm; flavor a good sub-acid. Very smooth and attractive, and taking place second only to the Wealthy as an all around late market apple. A productive and reliable cropper. One of the best apples for all the Northern States. 2 year old trees only.

ROME BEAUTY. A very fine sort of which large orchards are planted in New Mexico, Colorado and Idaho. It is one of the best market apples. Fruit large, yellow with red, of good quality and a long keeper. Tree bears well. Not hardy in Nebraska. 1 year old trees only.

GOLDEN RUSSET. Medium, dull russet, crisp and juicy and a long keeper. 2 year old trees only.

STAYMAN'S WINE SAP. Tree vigorous, hardy, spreading. An early bearer and very productive; fruit medium size, round, approaching conic; skin smooth, greenish-yellow, splashed and striped with red and purple; flesh yellow, firm, tender, juicy, rich, sub-acid, aromatic, finest quality. Splendid late keeper. The tree is a great drought resister and will thrive on thin soils where the Winesap would starve. 1 and 2 year old trees.

SPITZENBURG. Large, oblong and smooth, nearly covered with rich, lively red and dotted with yellowish russet dots, on shaded side yellowish with broken stripes of red; flesh firm, crisp, juicy, with a delicious crisp flavor. An old standby whose popularity never waned. This tree should be more generally planted everywhere, as it is hardy, a good bearer, and very profitable market variety. 1 year old trees only.

WINESAP. An old favorite; one of the best; tree a vigorous grower with spreading top. Fruit medium, conical; surface smooth, bright red on yellow ground. Flavor rich, sub-acid; quality good. Use: table, market, kitchen and cider. Very desirable on account of its productiveness and general good quality. 1 and 2 year old trees.



Grimes Golden Pippin. (Page 9.)

WHITE WINTER PEARMAIN. Medium size; pale yellow; juicy, tender and rich, mild sub-acid, and very aromatic. Valuable in the West; in the East it is subject to scale. As this is one of the very best flavored apples, it should be more largely planted, especially in the Southwest and middle Western States. Hardy. One and 2 year old trees.

YELLOW NEWTON PIPPIN. Large; skin smooth, golden yellow, flesh firm, crisp, juicy; one of the standard varieties in California and more extensively planted than any other apple, but does well almost anywhere and should especially be planted in the more Southern States, where other varieties do not succeed. One year trees only.

YORK IMPERIAL. Generally known and very popular with many of our most experienced orchardists. Fruit large, greenish-yellow, nearly covered with bright red; surface smooth. Flesh yellowish, crisp, tender and juicy; flavor mild, sub-acid; quality good. A good keeper and retains its flavor to the last. Tree vigorous, long lived, and an annual bearer. In the East, West and South it is one of the best apples, but not quite hardy far north. 1 and 2 year old trees.

Price of Winter Banana and Delicious.

	Per 1	Per 10	Per 100	Per 1000
2 to 3 feet, 2 year roots, 1 year tops.....	\$0.12	\$1.10	\$10.00	\$ 90.00
3 to 4 feet, 2 year roots, 1 year tops.....	.18	1.50	14.00	130.00
3 to 4 feet, 2 year trees, well branched.....	.20	1.70	16.00	145.00
4 to 5 feet, 2 year roots, 1 year tops.....	.25	2.30	20.00	
4 to 5 feet, 2 year trees, well branched.....	.30	2.70	25.00	
5 to 6 feet, 2 year trees, well branched.....	.35	3.30	30.00	
1½ to 3 feet, by mail postpaid.....	.15	1.30	12.00	

WINTER BANANA APPLE. An excellent variety, which has stood the severest tests. Tree is hardy and will succeed in very cold climates; its wonderful productiveness will bring quicker and larger returns than any other apple in the orchard. The fruit has a richness in flavor that cannot be described. Surpasses in aromatic taste the choicest pear, plum, apricot, peach, cherry or any other fruit grown. Flavor very rich, spicy and aromatic. Flesh golden yellow, fine grained, firm and juicy. Tree a very strong grower and will grow to be of immense size, suitable for lawn or shade tree, the leaves being nearly double the size of other apple sorts. Order a few and you will be well pleased. 1 and 2 year old trees.

DELICIOUS. Fruit is large, with the surface almost covered with a most beautiful, brilliant dark red, blending to golden yellow at the blossom end. In quality it is unsurpassed; in flavor it is sweet, slightly touched with acid, but only enough so as to make it all the more pleasing, with an aroma delightfully fragrant. The flesh is fine grained, crisp, juicy, melting and withal delicious. In keeping quality it ranks with the best, coming out of storage in March and April in perfect condition. In tree Delicious is tree perfection and one of the strongest, hardiest and most vigorous growers among apples; a late bloomer, the hardiest in bud, the best pollenizer; blossoms strongly frost-resistant—a most valuable and important feature. Delicious originated twenty years ago at Peru, Madison Co., Iowa, by the late Jesse Hiatt, and on his farm the original tree still flourishes, bearing annual crops of beautiful fruit. 1 and 2 year old trees.

Price of Wagener Apple:

	Per 1	Per 10	Per 100
2 to 3 feet, 2 year roots, 1 year tops....	\$0.15	\$1.40	\$ 13.00
3 to 4 feet, 2 year roots, 1 year tops....	.20	1.80	17.00
4 to 5 feet, 2 year roots, 1 year tops....	.25	2.30	22.00
1½ to 3 feet, by mail postpaid.....	.18	1.70	15.00

WAGENER. Somewhat resembles Northern Spy. A handsome red apple of good quality. Planted largely in the West, north of the Jonathan-Winesap regions, and in Michigan where it is one of the most popular varieties. Tree dwarf grower; can be planted very closely. One of the best fillers. Using Wagener in this way in your commercial orchards will bring quick returns, and sure, for Wagener is always in demand. 1 year old trees only.



West Allis, Wis., Apr. 20, 1912.
The trees I ordered arrived in good condition. Have planted same and hope I shall have good luck with them. If they do well shall order more for myself and hope to get orders for you from my friends next spring.
Respectfully, AUG. LUKES, 939-68 Ave.

APPLES.—(Continued.)

FALL VARIETIES.

For Prices see Page 9.

WEALTHY. A variety highly valued for its extreme hardiness at the far North. Tree is a thrifty grower and a good bearer. Fruit medium, roundish; skin smooth, mostly covered with dark red; flesh white, fine grained, juicy, sub-acid, good quality. Will keep till January. Extra good market sort and splendid dessert and cooking apple. This is one of the few most desirable varieties for Minnesota, Wisconsin, Iowa and Nebraska, as well as the Eastern and Middle States. 1 and 2 year old trees.

AUTUMN STRAWBERRY. Of good size, brilliant coloring and fair quality and is greatly valued for table and market. Tree robust, hardy and productive. Ripens in September. Two year old trees only.

FAMBEUSE. (Snow.) One of our finest dessert fruits. Medium size, deep crimson with snowy white flesh. Very hardy. Ripens in September and keeps a long time. Two year old trees only.

MAIDEN BLUSE. Of uniformly good size, smooth, round, beautifully flushed with red on creamy yellow ground; flesh tender, of pleasant but not high flavor. A good sort because of its attractiveness and the heavy crops of the trees. September. Two year old trees only.

RAMSDALL SWEET. Rather large, oblong, dark red, best Fall sweet apple. Hardy and productive. Ripens September.

WOLF RIVER. Originated in Wisconsin. Tree of vigorous growth, and fairly productive. One of the largest apples, handsome light yellow, with stripes and splashes of bright red, very showy. Flesh white, juicy, pleasant flavor, quality fairly good. An excellent cooking apple. Profitable mainly as a show apple on account of its immense size and beauty. One and two year old trees.

SUMMER VARIETIES.

For Prices see Page 9.

All early varieties bear well, but the apples do not keep long. It is therefore not best to plant too many of the early trees.

DUCHESS OF OLDENBURG. A Russian apple, considered of great value farther North. Tree moderate grower and very hardy. Fruit medium size, surface smooth, waxen-yellow with stripes and splashes of red. Flesh white, tender and juicy; rich sub-acid flavor. A fine cooking apple and makes splendid jelly. Excellent tree in hot dry climates on account of its dense foliage. Tree is naturally of dwarf growth and may be planted closer than other sorts. Can be profitably planted as filler. For commercial purposes the Duchess is the very best apple of its season. Season: July to August. 1 and 2 year old trees.

EARLY HARVEST. (Yellow Harvest.) Very popular summer apple. Tree healthy, vigorous grower and good bearer. Fruit medium size, nearly round, surface smooth, clear waxy yellow, rarely blushed. Flesh tender, juicy, sub-acid; flavor good, quality best. A fine apple for either dessert or culinary purposes, but not good keeper. Ripens in July. One and two year old trees.

RED JUNE. Tree a fine grower and abundant bearer, continuing a long time in use. Fruit medium size, roundish, inclining to oblate, greenish-yellow, striped, splashed and shaded with dull red, very attractive. Flesh white, tender, moderately juicy, rich, pleasant, sweet, very good flavor. July and August. 1 and 2 year old trees.

RED ASTRACHAN. Fruit large, beautiful deep crimson over yellow. Flesh white, crisp, juicy, quite acid; good quality, excellent for cooking. Tree upright, vigorous grower. A hardy Russian variety. A splendid market sort on account of its beautiful appearance. Season: August. 2 year old trees only.

YELLOW TRANSPARENT. One of the earliest apples. Fruit medium large, smooth, transparent. Skin clear white, turning pale yellow when ripe. Flesh white, tender, fine grained, aromatic, and of splendid quality. Tree is vigorous; good bearer. Two year old trees frequently produce fruit. Succeeds well in all Eastern States and should be planted in all cold climates. Succeeds well on thin soils. Ripens in early August. 1 and 2 year old trees.

CRAB APPLES.

Perfectly hardy, will succeed anywhere, bear young and plentifully. Should be planted freely where other apples do not succeed on account of cold weather. The fruit is excellent for preserving, jellies, etc., and some sorts are splendid table fruits.

Price of all Varieties of Crab Apple.

	Per 1	Per 10	Per 100	Per 1000
2 to 3 feet, 1 and 2 year old, grafted.....	\$0.10	\$0.80	\$ 7.50	\$ 70.00
3 to 4 feet, 1 and 2 year old, grafted.....	.15	1.30	12.00	100.00
4 to 5 feet, 2 years old, grafted.....	.25	2.30	20.00	
5 to 6 feet, 2 years old, grafted.....	.30	2.80	27.00	
1½ to 2½ feet, 1 year, by mail postpaid.....	.10	.90	8.50	



Winter Banana. (Page 10.)

FLORENCE. Originated in Minnesota. The hardest of all. An early and profuse bearer. When in full bloom or fruit one of the prettiest ornamental trees grown. Fruit larger and better than Transcendent. Ripens in September.

GENERAL GRANT. Tree an erect, vigorous grower, fruit in dense clusters, quality very good. Ripens in October.

HYSLOP. Medium size, crimson red with blue bloom. Very attractive. Good market variety. I would not advise planting it north of Nebraska. Ripens late, September to October.

MARTHA. Raised from the seed of Duchess of Oldenburg. Resembles the Transcendent, but larger. Handsome, showy fruit, bears enormously, said to be equal if not superior to all others for sauce.

RED SIBERIAN. Fruit small, round, and grows in clusters. Very acid. Tree is a free grower and handsome, bears young and abundantly. Of extreme hardiness.

WHITNEY NO. 20. A large crab, 1½ to 2 inches in diameter. Skin smooth, glossy-green, striped with red. Flesh firm, juicy and flavor very pleasant. A fair dessert apple, and one of the best for cider and vinegar. Tree a great bearer and very hardy. Really deserves a place in our apple list. There are few early varieties of so much merit. One of the best for the Northern States. Ripens in August.

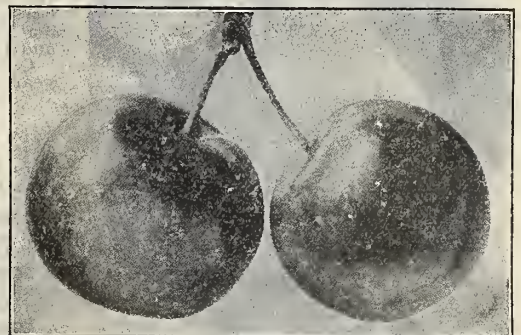
TRANSCENDENT. Fruit medium to large, brownish-red, showy and very handsome. Flesh firm and crisp, fine grained, juicy and acid. Excellent for making jelly, pickles and preserves, splendid for making cider. Does well in South Dakota and the North. A vigorous grower, about the hardest of all. An immense bearer and often bears fruit three years after planting. Season: September.

Woodbine, Kans., April 18, 1912.

Dear Sir—I have received the two Pear trees, also another Tree Hydrangea in fine shape and I think this one will grow. I thank you for the way you have handled this order and assure you if in need again of anything in your line, will patronize you.

Yours respectfully,

C. H. KOEPKE.



Hyslop.

DWARF APPLES.

These are budded on Doucine Stock, which dwarfs the trees, same as Pear on Quince stock. They are perfectly hardy south of Nebraska and can be raised successfully north of here, if the ground around the trees is covered with straw or a few shovels full of dirt, over winter. Dwarf apples bear fruit when 2 or 3 years old. They are especially adapted to plant in small yards or town lots, where the space is limited, as they can be planted 10x10 feet. They can also be grown in tubs or barrels and will bear in a short time.

Price of Dwarf Apple.

	Per 1	Per 10	Per 100
2 to 3 feet, 1 year from bud.....	\$0.20	\$1.80	\$16.00
3 to 4 feet, 1 year from bud.....	.30	2.70	24.00
1½ to 3 feet, by mail postpaid.....	.25	2.30	

LANDSBERGER REINETTE. There is no better bearing apple on Doucine stock (dwarf) than this variety. In Germany we have seen apples of this variety on two year old trees in Nursery row. Fruit is yellow, with red streaks on the sunny side. Excellent quality and long keeper.

JONATHAN, GRIMES GOLDEN PIPPIN, YELLOW TRANSPARENT.

For description of these varieties see pages 9 to 12.

DWARF PEARS.

Dwarf Pear trees are budded on Quince stock. They never grow very large, therefore can be planted close together, about 12 by 12 feet is right. This makes them suitable for gardens and town lots. They will bear two or three years after being transplanted. If the ground is drawn up around the tree in the late fall to protect the roots they are perfectly hardy in Nebraska. Spraying with Bordeaux Mixture will keep the blight away. Try a few trees and you will be surprised how soon you will raise a crop of pears. We have the following varieties in Dwarf Pears:

- DUCHESS,**
- KEIFFER,**
- CLAPP'S FAVORITE,**
- SECKEL,**
- WILDER,**
- ANJOU,**
- BARTLETT and**
- BUTTER.**

For description of these varieties see under Standard Pears.



Dwarf Apple.

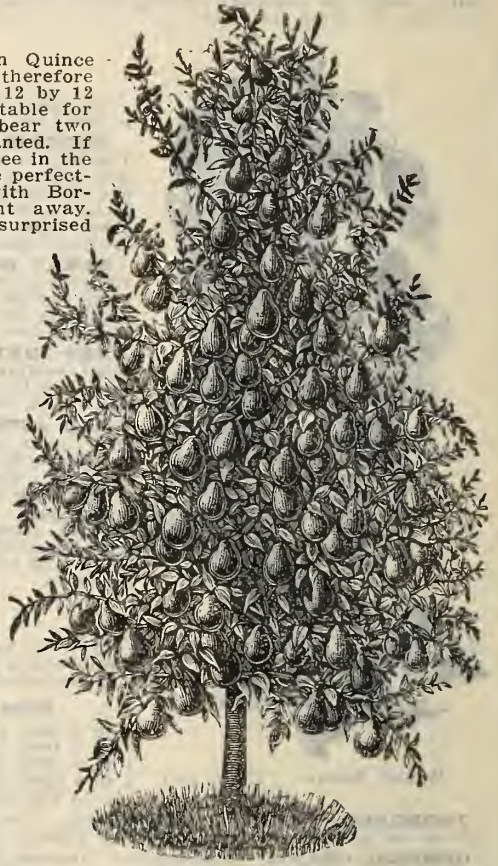
BUTTER. Wherever this has been tried it has given the best of results. The tree is an exceedingly strong and vigorous grower, bears when very young full crops of delicious fruit, and will not blight. The fruit has rather rough skin, is greenish-yellow, sprinkled with russet; very large, and almost globular in form. The flesh is white, moderately juicy, nearly melting, sweet and slightly vinous. Ripens in September and keeps for a long time. One of the very best pears for our western climate. Very hardy, having yielded a full crop when Keiffer was killed in bud. Is valuable either for home or market.

Price of Dwarf Pear.

All varieties except Bartlett, Anjou and Rutter.	Per 1	Per 10	Per 100
2 to 3 feet, 1 year from bud.....	\$0.14	\$1.25	\$11.00
3 to 4 feet, 2 year from bud.....	.18	1.60	15.00
4 to 5 feet, 2 year from bud.....	.25	2.30	20.00
5 to 6 feet, 2 year from bud.....	.30	2.70	26.00
1½ to 2 feet, by mail postpaid.....	.20	1.80	

Price of Bartlett, Anjou and Rutter Dwarf Pear.

	Per 1	Per 10	Per 100
2 to 3 feet, 1 year from bud.....	\$0.16	\$1.50	\$13.00
3 to 4 feet, 2 year from bud.....	.20	1.80	17.00
4 to 5 feet, 2 year from bud.....	.27	2.50	22.00
5 to 6 feet, 2 year from bud.....	.32	3.00	28.00
1½ to 2 feet, by mail postpaid.....	.20	1.80	



Dwarf Pear Tree.

QUINCES.

In Quinces we have a very desirable fruit. It is used a great deal for preserves and canning, especially with other fruits. A small part of Quince will impart the Quince flavor to three or four times as many apples. Quince syrup is very delicious, even excelling the finest maple syrup. The tree is easily transplanted and does well on any good soil on which corn grows well. It is hardy as far north as Nebraska. Plant trees as close as peach or plum. Under proper conditions and good culture the tree bears heavily and regularly and is a highly profitable crop, since all markets are never fully supplied. Quince trees are usually scarce. While we have a good stock to offer this year, nevertheless we would urge early ordering.

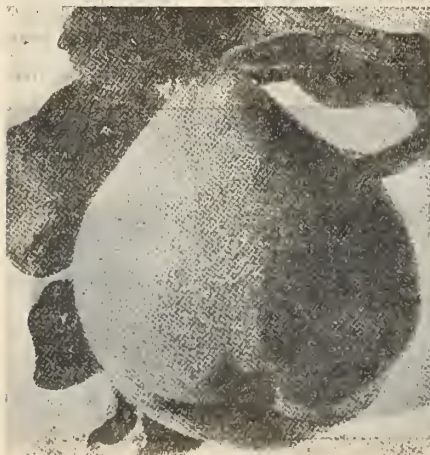
Price of Quinces. All Varieties.

	Per 1	Per 10	Per 100
2 to 3 feet trees.....	\$0.25	\$2.25	\$20.00
3 to 4 feet trees.....	.30	2.75	25.00
4 to 5 feet trees.....	.40	3.50	32.00
Small trees, by mail postpaid.....	.30	2.50	

CHAMPION. Fruit large, oval in shape, rich and aromatic, of fine quality, and a long keeper. Tree is a strong grower and a good bearer. Ripens late and is one of the very best sorts for sections not subject to early frosts.

MEECH PROLIFIC. A Quince of medium size and great beauty, color a rich orange, delightfully fragrant, fine for cooking. Tree is a young bearer and unfailing cropper.

ORANGE. (Apple Quince.) One of the largest Quinces, yellow, handsome, rich and aromatic, excellent flavor, a long keeper. Always sells well and at highest prices. Tree bears young and is very prolific. The most extensively cultivated and one of the best and finest varieties.



Quince.

PEARS.

This is one of the very best fruits we have. It far excels the apple in flavor. They should be planted 20 feet apart. It is advisable to plant several varieties in the same orchard as the trees will bear better. The tendency of the pear root is to grow straight down, therefore the holes should be dug deep and refilled to the proper depth with loose earth. Spraying with Bordeaux Mixture prevents pear blight. Cut back the long shoots every year about half, and you will have no trouble in raising plenty of pears here in the West. Our list embraces the best varieties.

Pears do well on a variety of soils, on clay-loam, sandy, gravelly and red soil. The soil, however, must not be wet. The tree will thrive where apple or peach would starve and will produce good fruit without much care or cultivation, yet it will repay well any attention to care. Pears are always marketable at a good price.

Best varieties for Nebraska, Kansas and the middle West: **Duchess, Clapp's Favorite, Howell and Keiffer.**

Price of All Varieties except Bartlett and Anjou.

	Per 1	Per 10	Per 100	Per 1000
2 to 3 feet, budded whips, 1 year.....	\$0.14	\$1.30	\$12.00	\$100.00
3 to 4 feet, budded whips, 1 year.....	.20	1.80	17.00	160.00
4 to 5 feet, budded whips, 1 year.....	.25	2.40	23.00	200.00
5 to 6 feet, budded whips, 1 year.....	.35	3.30	30.00	
1½ to 3 feet, by mail postpaid.....	.20	1.80		

CLAPP'S FAVORITE. Tree a vigorous, upright, spreading grower, very hardy and productive. Fruit very large, of uniform size; pale lemon yellow; flesh fine grained, juicy, buttery, melting, sweet and rich. Ripens last of August.

DUCHESS. (Duchess d'Angouleme.) Very large, extra fine quality, flesh white and very juicy, Very hardy and a profitable market variety. You cannot plant too many of this variety. Ripens in October.

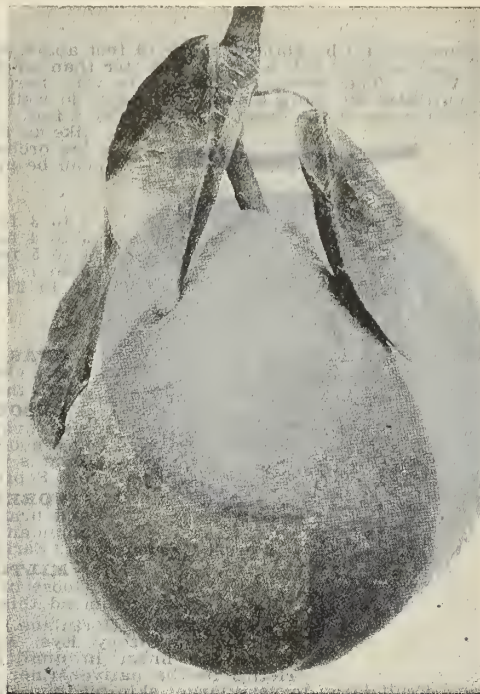
FLEMISH BEAUTY. Fruit large, beautiful, very sweet, rich and melting, pale yellow, almost covered with light russet, turning reddish-brown when ripe. Tree very hardy, vigorous and fruitful. Succeeds well in most parts of the country, especially recommended for the North and for Montana. Ripens in September.

GARBER. Large, juicy, bright yellow with red. Excellent to plant with Keiffer as a fertilizer. Ripens last of September.

HOWELL. Originated in Connecticut. A valuable variety. Tree grows freely and is upright; an early and productive sort. Fruit large and roundish. Light waxen yellow, sometimes with a finely shaded cheek. Flesh whitish, juicy, melting, vinous. Considered very hardy in the West. September to October.



Clapp's Favorite.



Seckel.

KEIFFER. Very profitable market sort on account of the good shipping and keeping qualities, its large size and fine appearance make it a ready seller. A favorite for canning and preserving. Fruit large, rich golden yellow, sometimes tinted red on sunny side. Tree is a vigorous grower, an early and prolific bearer, resisting blight to a very large degree. Most planted of any variety in the Northwest. Does well in Kansas, Oklahoma and Texas. Ripens medium early.

KOONCE. Of medium size, yellow with carmine cheek, sweet and high flavored. This vigorous tree resists blight, and has frequently borne heavy crops when the fruit of other trees was destroyed by frost. Handsome and highly recommended. July and August.

LAWRENCE. Large, yellow, covered with brown dots. Hardy and productive and an unsurpassed winter pear. Ripens in October and is a good keeper.

SECKEL. The standard of excellence in the pear. Small, but of the highest flavor. Tree a stout, slow, erect grower. Makes a beautiful tree either as a standard or pyramid. Downing pronounces this American pear the richest and most exquisitely flavored variety known. The healthiest and hardiest of all pear trees, bearing regular and abundant crops in clusters at the ends of the branches. September to October. 2 to 3 and 3 to 4 feet trees only.

WILDEE. Medium size, greenish-yellow. Very good quality. On account of its earliness, a good market sort. Very profitable. Ripens early in August.

Price of Anjou and Bartlett.

	Per 1	Per 10	Per 100	Per 1000
2 to 3 ft, 1 year from bud, whips.....	\$0.17	\$1.60	\$15.00	\$135.00
3 to 4 ft, 1 year from bud, whips.....	.24	2.30	21.50	190.00
4 to 5 ft, 1 or 2 year from bud.....	.30	2.85	26.00	240.00
5 to 7 ft, 2 yr. from bud, branched.....	.37	3.50	33.00	310.00
1½ to 3 ft, 1 yr, by mail postp'd.....	.20	1.80		

ANJOU. (Beurre d'Anjou.) A large, greenish pear, shaded with russet crimson. The flesh is highly flavored, rich and vinous, excellent quality. The tree is very productive either dwarf or standard. For late fall and very early winter use we have no better variety. Keeps well until winter holidays when it demands a high market price. A valuable and profitable sort that should be largely planted in commercial orchards. It seems to succeed everywhere, is popular on all markets, and is one of the very good pears that has been neglected by orchardists.

BARTLETT. Fruit large, skin very thin, clear lemon yellow with soft blush on sunny side. Flesh white, buttery, very juicy, and highly flavored. The best summer pear in existence. Tree a strong grower, very fruitful and bears young, but requires good cultivation to bring the fruit up to its highest excellence. Thrives in all parts of California. The most popular of pears, and highly esteemed for canning and shipping. Ripens in September.

—o—
Clyde, Kans., Apr. 25, 1912.

I wish to inform you that the trees and plants I ordered from you arrived in good condition. I have bought trees from agents for a good many years, but have never received a nicer lot of trees and plants than I got from you, and for only about half the money I have been paying to agents. Thanks for the many extras I found in the box. Am well pleased and think you will hear from me again next spring.

OSCAR ANDERSON.

PLUMS.

Plums should be planted about 10 feet apart, and varieties should be mixed. Better plant four or five varieties than only one, as they will bear much better than when one variety is planted alone. The native varieties do well anywhere in the West. The foreign varieties are very hardy and will do well as far north as Minnesota and South Dakota. Japanese varieties are more tender; still they do well most years in Nebraska and Southern Iowa. They bear very young and the plums are of the finest quality. Try a few. The plum tree prefers a rich and rather sandy or clayey loam soil, and like all fruit trees, it will not thrive in cold wet land. To one who is willing to give his orchard a reasonable amount of attention and good cultivation, plum growing can be made highly profitable.



Forest Garden.

Price of All Varieties.

	Per 1	Per 10	Per 100
2 to 3 feet, 1 and 2 year, from bud.....	\$0.15	\$1.50	\$15.00
3 to 4 feet, 1 and 2 year, from bud.....	.22	2.10	20.00
4 to 5 feet, 2 year, from bud.....	.30	2.85	27.00
5 to 7 feet, 2 year from bud.....	.40	3.75	35.00
18 to 24 inch, by mail, postpaid.....	.25	2.25	

NATIVE VARIETIES.

CHAS. DOWNING. Vigorous, healthy tree. Fruit large, handsome and excellent. One of the very best of the Wild Goose type. Should not be planted farther north than Nebraska. Ripens in August.

DESOTO. Probably the best known of the American Sorts. Fruit of medium size, oval; orange overspread with bright red; flesh yellow and firm, of fine flavor and good quality. It is a profitable market variety and excellent for home uses. Tree is very hardy and productive. Does well in the Dakotas and Minnesota. Season: September.

FOREST GARDEN. Fruit large, nearly round, dark purplish red; flesh yellow and firm; rich and of good flavor. Tree vigorous, very hardy, bearing early and abundantly. Ripens medium early and can be recommended for the market. Season: Early September.

MILTON. Perfectly hardy, a good bearer of fine fruit. Resembles the Wild Goose in appearance very much. The earliest plum I know of, ripening about July 10th. I can recommend this variety to my customers.

SURPRISE. (Hortulana.) A variety introduced by Mr. Penning of Sleepy Eye, Minnesota, and is said by many to be the finest in quality of any of the cultivated varieties in the native Miner group, also the hardiest of that type. Fruit large to very large; skin medium thick, tender, bright red; flesh pale yellow, meaty and of fine flavor; quality extra good. Season medium. Tree an upright, vigorous, healthy grower and is everywhere reported very productive. A splendid variety for either home or commercial culture and should be found in every collection. The Surprise plum has given the very best satisfaction in the Western and Northwestern States. We can furnish this variety in 3 to 4 and 4 to 5 feet sizes only.

WILD GOOSE. The first native plum to be generally planted. Fruit of medium size, bright, clear red, with blue bloom; of sweet flavor and very juicy. Ripens medium early. Tree healthy and spreading, blooms in large, snowy banks and is very ornamental. On account of earliness, productiveness and good shipping qualities it is a popular sort. Season: July.

WOLF. No western native plum has been more generally commended than this. It is very productive, regular in bearing from Kansas to Minnesota, being perfectly hardy and has given good satisfaction wherever planted. Fruit good flavor and quality. Stone perfectly free. Season medium. Tree beautiful and symmetrical, inclined to over bear. Very popular in all markets.

WYANT. Large, round, oblong, wedge shape, dark red; skin thick; peels readily; flesh firm; freestone, and of excellent quality. Native of Iowa and hardy anywhere. One of the very best plums of the native varieties and should be largely planted.

SAPA and INKPA. New plums introduced by Prof. Hanson of the South Dakota Agricultural Station. See under novelties on pink sheets.

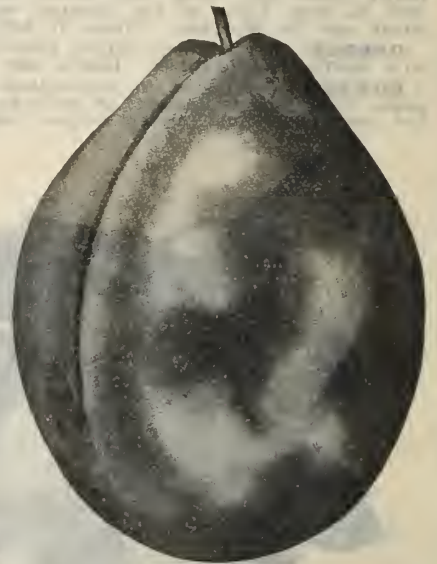
JAPANESE VARIETIES.

ABUNDANCE. (Botan.) Medium size, amber with markings of red. Juicy, sweet and of good quality. May be picked when it begins to color, keeps a long time, will color well and be almost as rich and sweet as if fully ripened on the tree—a strong point for market growers. Ripens August.

BURBANK. When properly thinned the fruit of this plum is very large—5 to 6 inches in circumference—nearly round, and bright cherry red, making it very tempting in appearance. Its deep yellow flesh is sweet, meaty and quite firm, keeping and shipping finely. Tree vigorous and spreading; needs close pruning. Ripens late in August.



Burbank.

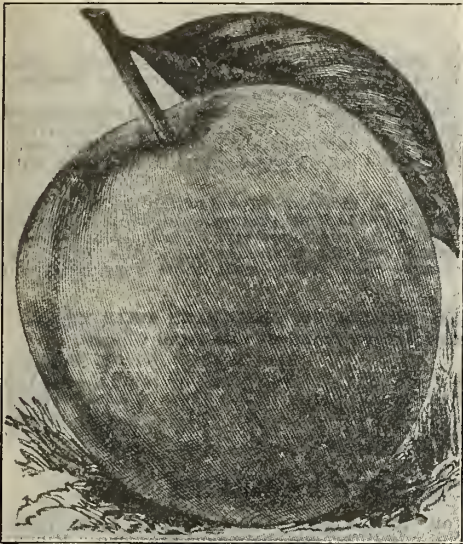


Fellenberg. (Page 15.)

RED JUNE. The great early market plum. Medium to large; deep vermilion-red, with beautiful bloom; very showy; flesh light lemon-yellow, firm, slightly sub-acid, delightful; half-cling, with small stone. "Reliability of tree, size and beauty of fruit, its early ripening and long keeping qualities, make this plum a prize winner," says one of our prominent orchardists. Ripens in early August.

SATSUMA. (Blood.) A delicious plum for canning, already famous for that purpose, and a grand market sort; in season after the European plums and the main crop variety are gone. Very large, nearly round, with deep red skin and flesh; firm, of good flavor. Will keep from one to two weeks after picking. Yields well.

WICKSON. This largest of the Japan Plums is superb in every way. The color is bright cherry-red, covered with a light bloom; the pit is small for so large a fruit, the flesh is thick, sweet, tender and rather dry, indicating good shipping qualities. The yield from good Wickson orchards is very heavy. The fruit is all large, with few seconds, and very little rotting. The fruit sells almost on sight. Large orchardists are planting this plum by the thousands. September.



Satsuma. (Page 14.)

ITALIAN PRUNE. (Fellenberg.) A fine late plum. Fruit large, handsome, of oval shape, and purple color. Flesh thick, greenish-yellow, juicy and delicious; parts freely from stone. Excellent for drying and preserving. Very productive. Extensively used in Oregon and Washington for drying purposes. Ripens in September.

SHIPPER'S PRIDE. The fruit is of a large size, it being no uncommon occurrence to find specimens measuring two inches in diameter each way, as it is nearly round; a semi-cling, of a handsome dark purple color; excellent for canning and an unusually good shipper, arriving at its destination in good order, and keeping a long time in excellent condition.

YELLOW EGG. Fruit very large, of egg shape, with long stem. Color creamy yellow when ripe. Flesh yellow, of good quality. Excellent for canning and cooking. Tree hardy, vigorous and fruits well. Does well here in the West. Ripens end of August.

CISTENA PURPLE PLUM. Originated by Prof. Hanson of Brookings, S. D. Leaves are reddish-purple, holding the color well. A grand Ornamental Tree and while the fruit is small, it is of good quality. Perfectly hardy. For the northern states this is the best purple leaf ornamental tree. Price, 3 to 4 feet, 40c each; 10 for \$3.00. 4 to 5 feet, 50c each; 10 for \$4.00.

PLUMS.—Continued. EUROPEAN VARIETIES.

BEAUTY OF NAPLES. A splendid plum. Large greenish-yellow, flesh firm, juicy, high flavored. A good grower and good bearer. Ripens in September.

BRADSHAW. Very large, dark violet-red. Flesh yellow, juicy and good. Very valuable market sort. Ripens August.

LOMBARD. Medium size, oval, violet-red; flesh yellow, juicy and pleasant. A great bearer, and peculiarly adapted to light soils. Tree vigorous and hardy; succeeds when most other varieties fail. The most popular and profitable plum under general cultivation. Ripens last of August.

MOORE'S ARCTIC. Size medium or below; skin purplish black with a thin blue bloom; flesh greenish-yellow, juicy, sweet and pleasant flavor. It is claimed to be the hardiest plum grown and so far free from black knots. Tree healthy, vigorous; an early and abundant bearer.

REINE CLAUDE. Large, pale yellow marked with red; juicy, excellent quality. Not liable to rot. Good bearer and valuable for market. Ripens middle of September.

SHROPSHIRE DAMSON. A medium sized, dark purple plum, flesh amber colored and rich. Very productive and highly esteemed for canning and preserving. Tree vigorous, hardy and an abundant bearer. Ripens in September.

GERMAN PRUNE. A valuable plum of fair quality for dessert, but most esteemed for drying and preserving. Large, long-oval, purple with a thick blue bloom; flesh firm, sweet and pleasant, separating from the stone. Moderate to vigorous in growth. September.



Nectarines

NECTARINES.

The Nectarine is almost identical with the peach. Most botanists consider them the same species, the difference between the two being in the skin, the Nectarine having a smooth and the peach having a downy surface.

The fruit, however, is rather smaller and scarcely so rich in flavor as the best peaches; but they have a sprightly and delicious quality, and their exquisite wax-like appearance makes them highly popular as a dessert fruit. The Nectarine requires the same culture and management as the peach.

NEW WHITE. Large; skin greenish-white; flesh white, tender, juicy; stone small and free; one of the best varieties for drying. Ripens in July and August.

BOSTON. Fruit large and handsome, deep yellow, with a bright blush and mottling of red; flesh yellow to the stone, very sweet, with a pleasant and peculiar flavor; free stone; hardy and productive. Ripens in September.

Price of Nectarines. 3 to 5 feet, 30c each; 10 for \$2.75; 100 for \$24.00.

Superior, Nebr., Apr. 15, 1912.

The trees I ordered arrived in fine shape. Am well pleased with them, they are the nicest and best trees I ever bought. You may look for all my orders hereafter. Several of my neighbors that have been here and seen them, say they are the best trees they ever saw from a nursery and would send you an order next year.

F. M. COTES.

Christine, Texas, Aug. 3, 1912.

The trees I got of you made a fine growth. I lost but three so far. The six grape vines received in June as premium Mail & Breeze are all doing fine.

L. HEADINGS.



Surprise Plum. (See Page 14.)

CHERRIES.

This is one of the best fruits we have. The sour varieties are very hardy and will bear a full crop almost every year, commencing to bear when three years old. There is hardly a more profitable fruit tree than the cherry for the western states. Sweet cherries need a very protected place in Nebraska, as they are not so hardy as the sour kind.

The Cherry succeeds well on dry soils, and the trees may readily be trained in any form that taste or circumstances may require. The Cherry being a very hardy tree will thrive in the northern states. Perhaps no other fruit crop brings larger or better returns and it is strange that they are not more largely planted for commercial purposes. They will thrive and produce under more careless cultivation than any other fruit. However they respond quickly to good care and should be cultivated at least until the trees commence to bear.

All our Cherries are budded on Mahaleb stock which do not sprout from the roots. The trees must not be planted too deep, about an inch deeper than they stood in the Nursery. Plant about 16x16 feet. By heading the main leading branches back the first few years you will get low, bushy tops, which will come very handy in picking the fruit.

NOTE OUR VERY LOW PRICES ON CHERRIES THIS YEAR.
Price of all varieties except Compass and Sand Cherry.

	Per 1	Per 10	Per 100	Per 1000
2 to 3 feet, 1 year old from bud.....	\$0.14	\$1.40	\$14.00	\$120.00
3 to 4 feet, 1 and 2 year from bud....	.20	1.80	17.00	160.00
4 to 5 feet, 2 year old, from bud.....	.30	2.75	25.00	230.00
5 to 6 feet, 2 year old, from bud.....	.35	3.25	30.00	275.00
18 to 24 inch trees, by mail postpaid....	.20	1.60	15.00	

LEADING SOUR VARIETIES.

DYERHOUSE. About four to five days earlier than the Early Richmond, otherwise there is no difference between the two. Ripens early June.

EARLY RICHMOND. (English Pie Cherry.) A well known old standard variety. Tree is hardy, healthy, a free grower, very productive and regular in bearing. Fruit red, of medium size, acid, rich, and one of the best for canning. The most popular of the true Kentish Cherries. Ripens in June.

ENGLISH MORELLO. Fruit large, very dark red, nearly black; tender, juicy, acid, rich, of good quality. Owing to its rich red color looks much better when canned than the Early Richmond. Tree dwarf, slender and spreading, bears young. Ripens middle of July.

MAY DUKE. An old well known excellent variety. One of the best and most dependable of the Duke class. Fruit large, dark red, juicy and rich; almost sweet. Tree is rather dwarf in habit, vigorous and productive. Ripens in June.

LATE DUKE. Large, light red, late and excellent. It ripens when most other cherries are gone and always brings a good price in the market. Ripens end of July.

MONTMORENCY. Large, red, rich, acid. Very hardy and pro-

ductive. A cherry of the Richmond class, but larger and more solid. Strong upright grower. Ripens ten days later than Early Richmond.

OSTHEIMER. Large, heart-shaped, nearly black when ripe, juicy and rich. Fine for dessert and cooking. Unsurpassed for market. Trees bloom late and bear fruit when quite young. One of the most productive of all cherries. Ripens middle of July.

WRAGG. Originated in Iowa and has become very popular in the northwest and western states. Fruit medium to large, dark red and of fine quality. Tree is very hardy, vigorous and productive, of dwarfish growth, with spreading round head; not subject to disease. This is one of the few cherries of good commercial quality that is perfectly hardy. Ripens in July.

HEART OR SWEET VARIETIES.

BING. Very large, dark brown, almost black, flesh firm, sweet, rich and delicious. On the Pacific coast where this variety originated it is considered one of the most profitable sorts.

BLACK TARTARIAN. Very large fruit of purplish-black color, flesh mild and sweet, of superb quality. Tree is vigorous, upright grower and immense bearer. A popular cherry and fine market sort. Ripens first of July.

LAMBERT. This very promising cherry is of the largest size and bright rich dark purplish-red color, turning almost jet black when ripe. The surface is smooth, glossy, and is covered with minute russet dots. Flesh reddish, with whitish veins, very firm and of unsurpassed quality. Stands well in the lead as a shipping variety. Tree healthy and rugged, a strong grower and immense bearer. Ripens ten days later than Napoleon Bigarreau.

NAPOLEON BIGARREAU. (Royal Ann.) A magnificent cherry of the largest size, pale yellow, becoming amber in the shade, richly dotted and spotted with deep red, and with a bright red cheek. Flesh very firm, juicy and sweet. Tree a rapid grower and immense bearer. The most popular all around cherry for canning, preserving and shipping. The hardiest and best of the yellow sweet sorts. There is an immense market for the fresh fruit at top prices. Ripens end of June.

YELLOW SPANISH. (Bigarreau.) Fruit is very large, heart-shaped, pale yellow with bright red cheek when exposed to the sun. Flesh firm, juicy and delicious. Very popular and good market cherry. Tree vigorous and productive. Ripens late in June.

WINDSOR. A splendid, large, liver-colored cherry that hangs a long time and rots but little. The flesh is remarkably firm and good. The tree very hardy and fruitful. Exceedingly valuable for late market and home use. July.

WE PAY FREIGHT ON \$10.00 TREE AND SHRUB ORDERS. This does not apply to seeds.



Bing.



Wragg.

COMPASS CHERRY-PLUM.

Absolutely hardy everywhere. The cherry was originated at Springfield, Minn. It is a cross between the Sand Cherry and the Miner Plum. Fruit nearly an inch in diameter, a bright red, sweet and juicy, and of very fine flavor. When young and green the fruits have more the appearance of undeveloped plums, but as they mature they become more round like a cherry. The pit is somewhat elongated. In color the fruit is bright red, when fully ripe a dark wine shade. For canning and culinary purposes this fruit is unsurpassed. The original tree bore fruit the third year from the seed and has borne a full crop every year since. The tree is a regular and heavy bearer, and produces fruit the next year after setting out. Its early bearing is truly wonderful. This tree should be planted everywhere. It will do well from Texas to North Dakota. Especially would I advise my customers in western Nebraska, western Kansas and eastern Colorado to plant them largely. They will bear good crops of valuable fruit, when all other fruit trees fail.

The photograph in the lower right hand corner of this page was sent us by Mr. J. A. Buckner, Hereford, Texas, with the following letter. This would show that the Compass Cherry-Plum is a grand success in Texas as well as in the northern states.

"I am herewith enclosing you a photograph of a Compass Cherry tree that I bought from you and set out in the spring of 1910 and the photograph taken in July, 1911. The tree was as full of fruit as it could be, no room for another, and the fruit was excellent."

J. A. BUCKNER, Hereford, Texas.



Rocky Mountain Cherry.

Price of Compass Cherry-Plum.	Per 1	Per 10	Per 100
2 to 3 feet, budded	\$0.18	\$1.70	\$16.00
3 to 4 feet, budded .....	.25	2.30	22.00
4 to 5 feet, budded .....	.35	3.30	30.00
5 to 6 feet, budded .....	.45	4.20	38.00
1½ to 2 feet, by mail postpaid.....	.20	1.80	

Our 5 to 6 feet Compass are very well branched, about one inch caliper and will bear a good crop one year after transplanting.

ROCKY MOUNTAIN CHERRY.

IMPROVED SAND CHERRY.

A native cherry of dwarfish habit, perfectly hardy anywhere in the Northwest and stands the coldest winters without protection. Fruit about as large as an Early Richmond, color dark brown to black. Somewhat astringent to eat from the hand, but cooks well and makes fine preserves and jellies. Very early and an abundant bearer. Can be planted about as close as currants. Very desirable in the Northwest where better cherries cannot be grown. Ripens in July and August, after other cherries are gone. Tree is very ornamental and deserves a place in every yard.

Price of Rocky Mountain Cherry. 2 to 3 feet, 15c each; 10 for \$1.30. 100 for \$11.00. 1½ to 2 feet, by mail postpaid, 20c each; 10 for \$1.75.

APRICOTS.

A most delicious fruit of the plum species. Is of a distinct flavor and one of our best and most profitable market fruits. The tree bears very young and most profusely. Ripening as it does between the cherries and peaches, the apricot is a most welcome fruit. In very sunny localities it is apt to bloom too early in the spring and get caught by the frost. The tree is slender in form, has beautiful dark-green foliage, pretty pink blossoms, and will give very satisfactory results as an ornamental tree in any garden or house lot. To avoid being caught by late spring frosts, spread long, strawy manure about one foot thick around the tree, in the winter after the ground is frozen hard and deep. The manure will keep the frost in the ground two weeks longer in the spring, and the tree will not bloom so early. Russian varieties have stood thirty degrees below zero without injury and are therefore very desirable for the northwestern states and exposed localities.

Price of all Varieties of Apricots.	Per 1	Per 10	Per 100	Per 1000
2 to 3 feet, budded.....	\$0.20	\$1.75	\$16.00	\$150.00
3 to 4 feet, budded.....	.25	2.25	20.00	180.00
4 to 5 feet, budded.....	.30	2.75	25.00	
5 to 6 feet, budded.....	.35	3.25	30.00	
2 to 3 feet, budded, light by mail postp'd	.25	2.25	20.00	

RUSSIAN VARIETIES.

These were introduced into Nebraska by the Russian Mennonites. They are quite distinct from the other varieties, much hardier, and will produce fruit where other apricots fail. They have fruited as far north as South Dakota. There are a number of varieties of the Russian type, but there is little difference in them. We grow the following varieties:

ALEXANDER. Large, oblong, color yellow flecked with red; flavor sweet and delicate. Tree very hardy and an immense bearer. Ripens July 1st.

ALEXIS. Large to very large; color yellow with red cheek; flesh rich and luscious, slightly acid. Tree hardy and an immense bearer. Ripens July 15th.

AMERICAN VARIETIES.

SUPERB. Seedling from Kansas. The best flavored, most productive, hardy apricot yet produced. Quality is excellent. Medium size; light salmon color.

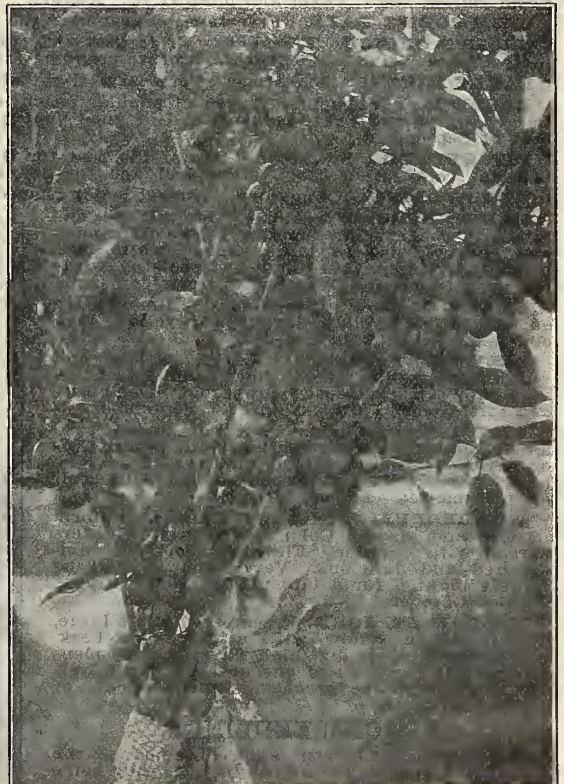
ROYAL. French origin; fruit medium, oval, slightly compressed; dull yellow with red cheek on side exposed to the sun; flesh pale orange, with rich vinous flavor very desirable and more extensively planted than any other variety. Excellent for canning and drying. Ripens in June.

MOORPARK. Very large, yellowish green, brownish-red on the sunny side, marked with numerous dark specks and dots; flesh bright orange, parts freely from the stone which is peculiarly perforated along the back where a pin may be pushed from one end to the other. Fine for canning and drying. The most popular variety in the northern coast countries along the Pacific. Late June.

RUSSIAN APRICOT SEEDLINGS.

These are grown from seed of the Russian Apricot, but are not budded or grafted. They bear good fruit, not very large, but well flavored and are very hardy, having borne fruit as far north as the middle of South Dakota. Very pretty erect growing ornamental tree, with dark glossy green leaves and pretty pink flowers.

Price, 2 to 3 feet, 7c each; 10 for 60c; 100 for \$5.00. By mail post-paid, 15c each.



Compass Cherry-Plum.

BUDDED PEACHES.

We give below a list of the choicest and hardiest varieties, covering the season from July to the middle of October. Budded peaches always bring a good price, as they are much larger and finer in appearance and quality. They will bear just as often, yield as many bushels to the tree, live as long, and stand as much cold as seedling peaches, while the fruit is much more valuable. Do not waste your labor and land by planting seedling trees. It doesn't pay and you will surely be disappointed.

Plant about 16x16 or 18x18 feet, in moderately rich soil. Before planting cut all limbs back to one inch, the main leader about half. Your peach trees will start to grow quicker and surer and will form a nice top. Keep the ground well cultivated. Peach trees are apt to make too much of a growth and get top heavy. To avoid this, prune them every year. Cut all dry wood out and shorten long leading branches.

We give the time of ripening here in Nebraska. South of here they would ripen earlier. Prices see below.

All Varieties Except Mayflower.	Per 1	Per 10	Per 100	Per 1000
2 to 3 feet, mostly June budded trees.....	\$0.07	\$0.70	\$7.00	\$70.00
3 to 4 feet, 1 year from bud.....	.13	1.20	11.00	105.00
4 to 5 feet, 1 year from bud.....	.18	1.70	16.00	150.00
5 to 7 feet, 1 year from bud.....	.23	2.20	20.00	190.00
1½ to 2 feet, June budded, by mail.....	.10	.90	8.50	

ALEXANDER EARLY. Cling. Medium to large, pale green, mostly covered with deep red. Flesh white, tender and juicy. A very good early peach. Middle of July.

BLOOD CLING. Cling. A variety of the old Indian peach. Fruit is very large, nearly round, dark purplish-red. Flesh red, juicy and good. September.

BOKARA No. 3. Freestone. Was first raised from seed received from Bokara, Asia, by the Iowa Agricultural College. It is the hardiest peach I know. Has been in bearing for a number of years in Iowa, and it is claimed the fruit buds will survive 28 degrees below zero. Fruit is large, red with yellow cheek, skin tough; flesh of good quality. Prof. Budd says, "They are 30 per cent harder than any of the old varieties." Ripens 1st to 10th of September. I can recommend this peach to all my customers in Nebraska, Iowa, Kansas and northern Illinois. You will not be disappointed.

CARMAN. Freestone. Large, resembling Elberta in shape. Color creamy-white with deep blush. Skin tough, flesh tender and fine flavor. Hardy, good shipper and free bearer. Ripens August to September.

CHAMPION. Fruit large, beautiful in appearance; flavor delicious, sweet, rich and juicy; skin creamy-white, with red cheeks; freestone. The peculiarity of this great acquisition is its hardiness. It stood a temperature of 18 degrees below zero in the winter of 1887-8, and produced an abundant crop the following season, and again in 1890 produced a full crop when the peach crop was a universal failure. One of the best bearers for Nebraska. August.

CROSBY. Freestone. Medium size, bright yellow, striped with carmine. Flesh light yellow and of good quality. Tree very hardy and a good bearer in Nebraska and Kansas. Ripens middle of September.

CRAWFORD'S EARLY. Freestone. This beautiful yellow peach is highly esteemed for market purposes. Large orchards of same are being planted, especially in the Pacific states. Fruit very large, oblong, yellow with fine red cheek. Flesh yellow, juicy, sweet and productive. August.

CRAWFORD'S LATE. Freestone. Resembles the Early Crawford in color, quality and productiveness. September.

CHAIR'S CHOICE. Freestone. Of largest size; deep yellow, with red cheek; flesh very firm, ripening five days earlier than Smock. Makes a strong, profuse-cropping tree. September.

EARLY RIVERS. Freestone. Very large, light straw color; flesh juicy, melting. Good early peach. First of August.

ELBERTA. Freestone. The most popular peach in the market, but should not be planted north of Southern Nebraska. Large, yellow and red, handsome and of good quality. Bears immense crops and always brings a good price. Ripens first of September.

FITZGERALD. Freestone. One of the best for the northern peach belt. Does well here in Nebraska. Fruit large, brilliant color, flesh deep yellow and fine for canning. Ripens in August.

LEMON CLING. Clingstone. Almost lemon shaped, pale yellow, large; flesh yellow, firm and good. Ripens in October.

GREENSBORO. Freestone. One of the finest early peaches far superior to the Alexander and nearly twice as large. Flesh white, fine flavor, very juicy, skin tough and peels off without any trouble. Ripens end of July.

HEATH CLING. Clingstone. Almost lemon shaped, pale yellow, large; flesh yellow, firm and good. Ripens in October.

SALWAY. Freestone. Large, yellow and red. Flesh yellow, firm, juicy and sweet. A very showy market sort. Profitable. Don't forget this variety. Ripens last of September.

TRIUMPH. Clingstone, but not so much so as Alexander. Earliest yellow flesh peach. Color yellow with red. Good quality. Tree very hardy. Bears well in Nebraska and sells well on the market. Ripens in July.

WONDERFUL. Freestone. Large, uniform in size and shape. Color golden yellow, over-spread with carmine. Flesh yellow, rich, high flavored and delicious. Very firm. Should be largely planted for a late market sort. Ripens first of October.

YELLOW ST. JOHN. Freestone. Fruit large, round, orange yellow with a deep red cheek. Flesh juicy, sweet and high flavored. A splendid market variety and one of the earliest yellow flesh freestone peaches. Ripens middle of August.

PEACH SEEDLINGS.

They are raised from seed, obtained at the Canning factories, all mixed just as they come from the factory.

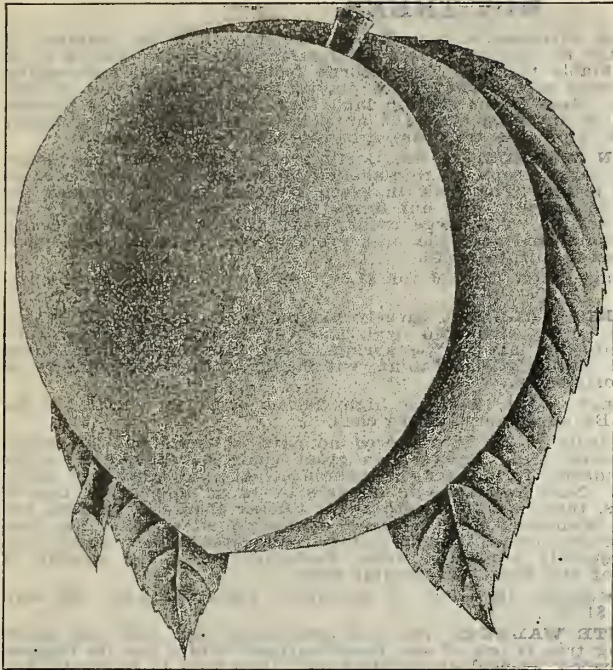
2 feet high, 1 year, each 5c; 10 for 40c; 100 for \$3.00.



One year old Apricot. Can't be beat anywhere.
J. B. Douglas, Tucson, Ariz.



Two Year Old Peach tree with 108 peaches full matured. Tree from Carl Sonderegger.—J. B. Douglas, Tucson, Ariz.



Mayflower Peach.

BUDED PEACHES.—Continued.

THE MAYFLOWER PEACH. Clingstone. The Mayflower is the earliest Peach in the market. A week earlier than Alexander or Sneed. It is of good size and fine color, being absolutely red all over even before it is ripe enough to ship, thus making a very handsome, attractive peach. The earliness and rich color of the Mayflower, makes it so valuable for the market. In quality it is fully as good as Sneed or Alexander. The tree is a strong, thrifty grower, has large blossoms that come out after all other peaches have bloomed. Thus the tree often escapes a late frost and bears well, while the fruits of other varieties are killed. It is a young bearer, often bringing a few fruits the first year after transplanting. It is apt to set too many fruits and should be thinned out to secure the best results. The fruit keeps well for an early peach, is a good shipper and always brings the highest price on the market. We advise all our customers in peach growing sections to try the Mayflower, being sure that it will pay better than any other Peach for early market.

Price of Mayflower Peach.

	Per 1	Per 10	Per 100	Per 1000
2 to 3 feet, mostly June budded trees	\$0.15	\$1.40	\$13.00	\$125.00
3 to 4 feet, 1 year from bud	.20	1.90	17.00	150.00
4 to 5 feet, 1 year from bud	.25	2.40	22.00	200.00
5 to 7 feet, 1 year from bud	.30	2.80	26.00	250.00
1½ to 2 ft, June budded, mail	.18	1.60	15.00	

RUSSIAN MULBERRY.

Introduced here by the Russian Mennonites.—Tree very hardy, stood 40 degrees below zero and bore a crop of berries the next season, an annual and abundant bearer. The fruit is from white to pink and some black in color, and from very sweet to quite tart in taste. Canned with gooseberries or rhubarb they make a good sauce, relished by most everybody. Poultry raisers should plant largely of this tree near the poultry house or yard as they will soon make a nice shady place for the chickens, and the berries are much relished by the fowls and are very healthful. Try it and you will be pleased, and your fowls more so. The wood is very valuable for fence posts, lasting for 20 years in the ground. They also make a very pretty hedge if planted about ten inches to one foot apart, and kept well pruned the first few years.

make a very pretty hedge if planted about ten inches to one foot apart, and kept well pruned the first few years.

Price of Russian Mulberry.

	Per 1	Per 10	Per 100	Per 1000
4 to 8 inch, 1 year seedlings	\$.00	\$.00	\$0.20	\$ 1.35
8 to 12 inch, 1 year seedlings25	2.00
12 to 18 inch, 1 year seedlings05	.35
18 to 24 inch, 1 year seedlings10	.50
3 to 4 feet, transplanted, nice trees08	.60	5.50
4 to 5 feet, transplanted, nice trees14	1.10	10.00
5 to 6 feet, transplanted, nice trees20	1.75	15.00
6 to 8 feet, transplanted, nice trees30	2.75	25.00
4 to 8 inch, by mail postpaid25	1.60
8 to 12 inch, by mail postpaid35	2.50

AMERICAN MULBERRY.

The native varieties are not quite as hardy as the Russian kinds, but the fruit is larger, very juicy and of better quality. Should not be planted as far north as Nebraska.

DOWNING'S EVERBEARING. One of the most prolific varieties. Fruit very large, black, rich and sweet in flavor. Its long bearing season has made it a universal favorite. Ripens fruit during six to eight weeks.

HICKS. Fruit very large, sweet, good flavor. Well adapted for Oklahoma and Texas. Excellent all around variety.

NEW AMERICAN. Tree very vigorous and productive; surpassed by none. Continues in bearing a long time. Fruit 1½ inches long and nearly half an inch in diameter. Color, maroon or an intense blue-black at maturity; flesh juicy, rich and sugary. Ripens from the middle of June up to the middle of September.

Price of American Mulberries.

	Per 1	Per 10	Per 100
4 to 5 feet	\$0.40	\$3.75	\$35.00
Small plants, by mail	.....	.....	0.35

PERSIMMON.

(Diospyrus Virginica.)

A native of the Southern States, but will thrive and ripen its fruit as far north as the Great Lakes. The tree reaches a height of 20 to 30 feet. The fruit is not large, ½ to 1 inch in diameter, and must be fully ripe to become edible. A valuable ornamental tree. Will thrive on the poorest soil.

A great change is wrought in the fruit of this tree by the early frosts. Under their influence it becomes sweet, high-flavored, rich and racy. Long after the leaves have fallen the branches are so heavily laden with plum-like fruits that the tree seems all aglow with the saffron pink tint of the fruit that is very ornamental.

Price of Persimmons.

	Per 1	Per 10	Per 100
4 to 5 feet, strong trees	\$0.30	\$2.75	\$25.00
5 to 6 feet, strong trees	.40	3.75	35.00
12 to 18 inch, seedlings	.10	.60	5.00

Mt. Houston, Texas, Sept. 20, 1912.

One of my neighbors wishes your catalogue. He was admiring my peach trees and was much surprised to know I got them so cheap from you. He had paid 25c for trees not so good as I got of you at 5c each. The seeds I purchased of you all did well and I shall continue to order in future.

A. ASHCRAFT.

Oskaloosa, Ia., 4-11-12.

I was very much pleased with your trees and shrubbery. It was beyond my expectations. They were fine and every one came out all right.

B. CASPER.



Russian Mulberry.

NUT TREES.

The past few years have witnessed a remarkable development in the planting of nut-bearing trees. Probably no branch of tree cultivation pays larger profits or is as well assured of a profitable market. The returns from established nut-bearing orchards, as well as numerous experiments, show plainly how successful nut culture may be made in America. Most farms contain land that would pay better planted in nut-bearing trees than in anything else; the nuts, in many cases, paying better than farm crops or fruits, while the trees are growing into valuable timber.

ENGLISH OR PERSIAN WALNUT. A fine, lofty growing tree, with handsome, spreading head; produces large crops of thin-shelled, delicious nuts, that are always in demand at good prices. The fruit in green state is highly esteemed for pickling. Unlike the native walnuts, the nut drops from its shucks when ripe as readily as those of the hickory. The large orchards of California and the South are yielding handsome profits, and still the nuts are imported in great quantities. Not hardy enough for general culture north.

Price, 2 year old seedlings, each 10c; 10 for \$1.00; 100 for \$9.00. By mail postpaid, 10c each.

FRANQUETTE OR PARIS WALNUT. Largely planted in California and Washington. It is quite large, of an elongated oval, and very attractive, kernel full-fleshed and sweet. It buds out late in the spring. Best thin-shelled nut, raised from seed. Hardier than the English Walnut, withstanding the cold winters of Eastern France, where it originated.

Price, 1 year old seedlings, about 12 inches high, 20c each; 10 for \$1.75; 100 for \$15.00; \$140.00 per 1000. By mail postpaid, 20c each.

JAPAN WALNUT. (Sieboldi.) If it produced no nuts it would be well worth cultivating for an ornamental tree. Grows with great vigor, surpassing all other nut trees, assuming a handsome form, needs no pruning; leaves of large size and a charming shade of green. Nuts are borne in clusters of 12 or 15 each at tips of previous season's branches, they have a smooth shell; thicker than the English, but not so thick as the Black Walnuts. Meat is sweet, of good quality, flavor like butternut, but less oily. Tree commences bearing young; trees three to four years from nut in nursery rows frequently producing nuts. Perfectly hardy and worthy of extensive planting. One of the finest ornamental trees.

Price, 12 to 18 inch seedlings, 15c each; 10 for \$1.35; 100 for \$12.50. By mail postpaid, 20c each; 10 for \$1.75.

BUTTERNUT OR WHITE WALNUT. The nuts are large, long, oily and nutritious. The lofty spreading tree is one of our finest natives, valued for its tropical appearance and beautiful wood, as well as for its nuts. Does well in Nebraska and as far north as Dakota.

Price, 8 to 12 inch, 5c each; 10 for 40c; 100 for \$3.25. 12 to 18 inch, 8c each; 10 for 60c; 100 for \$4.50.

BLACK WALNUT. A native of Nebraska. Of large size and majestic form, with beautiful foliage. Grows best on low ground, bears very freely. The most valuable of all trees for its timber, which enters largely into the manufacture of fine furniture and cabinet work, and brings the very highest price in the market. Tree is a fairly rapid grower. The large, oily nuts are of fine flavor and always marketable at a fair price.

	Per 1	10	100	1000
8 to 12 inch, 1 year seedlings	\$0.15	\$1.00	\$ 8.00	
12 to 18 inch, 1 year seedlings.....	.20	1.25	11.00	
5 to 6 feet, nice trees .....	.25	2.25		
6 to 8 feet, nice trees .....	.50	4.50		
8 to 10 feet, nice trees.....	.75	7.00		

AMERICAN SWEET CHESTNUT. The nuts of this tree form quite an item in our commerce. They are sweet and delicately flavored. This chestnut is also a grand timber and ornamental shade tree, spreading in midsummer, billowy masses of creamy, fragrant catkins above its large, deep green leaves, making a most beautiful specimen on the lawn. Does well in Nebraska. Chestnuts do well on medium thin and sandy land, require no pruning and little or no cultivation. The timber is very durable, and possesses a fine grain for oil finish.

Price, 8 to 12 inch seedlings, 5c each; 10 for 45c; 100 for \$4.00; 1000 for \$35.00. 3 to 4 feet trees, each 25c; 10 for \$2.25. Small seedlings postpaid, 5c each.

SHELLEBARK HICKORY. In flavor and quality of kernel this is generally esteemed the choicest of our native nuts,—of all nuts, some experts have said. The tree is a handsome, stately shade tree, with tough white wood of great strength and elasticity, marketable at high prices.

Price, 5c each; 10 for 45c; 100 for \$4.00. Postpaid each 5c; 10 for 45c.

PECAN. The tree grows fast and bears well, producing large crops of thin-shelled nuts that are full kernalled and delicately flavored. In Southern states pecans yield handsome profits. Not hardy here. Pecans will succeed in various soils and will do well on land where the hickory, oak and other hard wood trees thrive. The tree reaches its highest perfection in deep, rich, loamy soil, along creeks and rivers.

Price, 12 to 24 inch seedlings, raised from best nuts, 15c each; 10 for \$1.35; 100 for \$12.00.

PECANS, Grafted. These are grafted trees. The scion was procured of the very best large, thin-shelled Pecan trees, and therefore are much better than seedlings. As they are budded, they will all be just the same in quality, while the seedlings differ very much.

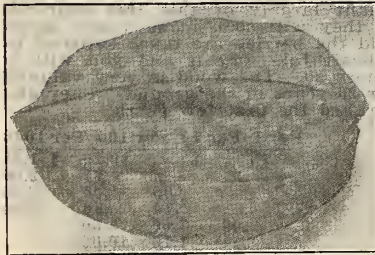
Price of Grafted Pecans: 18 to 24 inch, \$1.00 each; 10 for \$8.50; 100 for \$75.00.

FILBERT OR HAZELNUT. (Early Frauensdorf.) One of the best German varieties. Nuts are large, sweet and of best quality. Bears when very young. A much better variety than the common American Hazelnut and fully as hardy. This forms a shrub 6 to 10 feet high, succeeding on almost all soils, preferably a damp location. One of the most profitable and satisfactory nuts to grow, bearing early and abundantly.

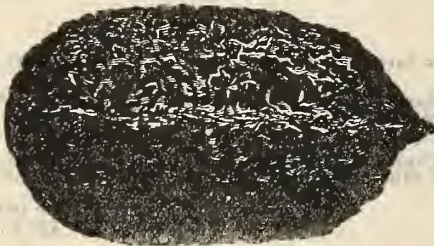
Price, 18 to 24 inch trees, 25c each; 10 for \$2.30; 100 for \$20.00. By mail postpaid 25c each.



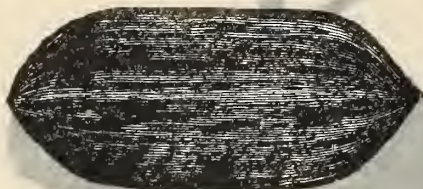
Japanese Walnut.



English Walnut.



Butternut.



Pecan Nut.



Am. Chestnut.



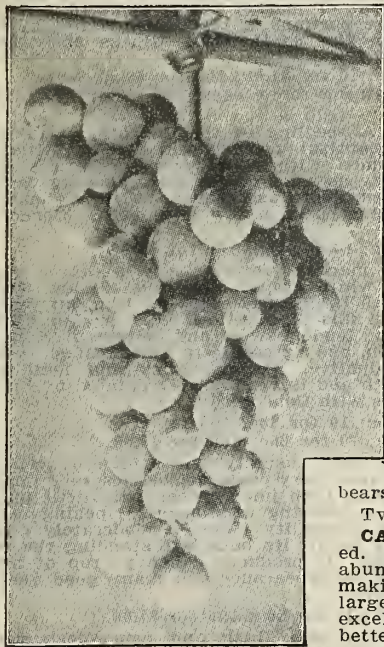
Hazel Nut.

Pomeroy, Wash., April 11, 1912.
Dear Sir:—Have just received and opened the trees and find them in good condition and appear in every way satisfactory. Far better shape than last year.
Yours truly,
CHAS. M. BALDWIN.

Doniphan, Nebr., April 16, 1912.
Dear Sir: I got my trees today in good condition. ADOLPH SEIER.

GRAPE VINES.

One of the best and healthiest fruits we have. Grows in most any kind of soil that is not wet, any side hill will do for a vineyard. Those who have only a lot or two or a small garden, can plant them alongside a building or a fence. They will take up very little room, and if properly taken care of will bear an abundance of fruit almost every year. They make a splendid screen for unsightly buildings, or can be trained over walls and fences, repaying many times over with healthful and refreshing fruit their small cost and care. If the vines are put down on the ground in the fall and covered with a few shovelful of earth they will stand a severe climate, and some varieties can be successfully raised as far north as South Dakota. Any good, dry soil of sufficient fertility to produce good farm crops is suitable for vineyard planting, if climate and exposure are favorable. Care should be taken to prune thoroughly each year, no more bearing canes should be left than the roots can sustain in a vigorous growth of new shoots. In a commercial way no fruit crop shows greater returns on the investment. On all markets grapes are very popular and command good prices. They should be planted more generally everywhere. In the open ground plant in rows 8 feet apart and 6 feet in the rows. We give below the best and hardiest varieties for the West.



Agawam.

Bunches large and loose, berries large, of coppery red color, becoming purplish when well ripened. Flesh somewhat pulpy, with rich vinous flavor, of best quality for both table use and wine. The vine is a good grower, hardy, with healthy foliage. Very productive and profitable. Ripens quite late.

Two Year Old No. 1 Plants, each 10c; 10 for 80c; 100 for \$7.00; 1000 for \$55.00.

One Year Old No. 1 Plants, each 8c; 10 for 65c; 100 for \$5.00.

CHAMPION OR TALMAN. Black. Bunch medium, compact; berries medium, adhering well to stem; skin thick; flesh sweet, juicy, with foxy flavor. Vine a very rank, vigorous grower, very hardy, healthy and productive. Ripens about same time as Moore's Early. Desirable for early markets.

Two Year Old No. 1 Plants, each 10c; 10 for 90c; 100 for \$3.50.

CLINTON. Black. Bunch small, very compact, long, usually not shouldered. Berries small, with thin skin; flesh juicy, spicy, quite acid, of good quality. A first class wine grape. Vine of vigorous growth, healthy, and always productive. Requires plenty of room, and spur-pruning on all canes for best results. Is very hardy and will thrive and bear well in South Dakota. Very desirable as an arbor grape. 2 Year Old No. 1 Plants, each 10c; 10 for 85c; 100 for \$7.00.

DELAWARE. Red. Holds its own as one of the finest grapes. The bunches are small, compact, shouldered. Berries rather small, round. Skin thin, light red. Flesh very juicy, without any hard pulp, with an exceedingly sweet, spicy flavor. Vines moderately vigorous, very hardy and productive. The Delaware is regarded by many as the best American grape, all things considered. It should be planted in every garden and vineyard. Ripens early and is a good keeper.

2 Year Old No. 1 Plants, each 15c; 10 for \$1.10; 100 for \$9.00.

DIANA. Red. Bunch medium, very compact; skin thick and rather tough; flesh sweet, tender, vinous, with a peculiar musky flavor; of good quality for both table and wine. Vine vigorous and productive. Ripens a little after Concord.

2 Year Old No. 1 Plants, each 10c; 10 for 80c; 100 for \$7.00.

ELVIRA. White. Bunch and berry of medium size; very compact. Greenish-white, slightly tinged yellow, sweet and good when fully ripe. A splendid wine grape. Vine healthy, very vigorous and productive. One of the hardiest grapes.

2 Year Old No. 1 Plants, each 10c; 10 for 65c; 100 for \$5.00.

GREEN MOUNTAIN. White. Found growing in a garden on the side of the Green Mountains in Vermont, at an altitude of 1400 feet, where it ripens its fruit perfectly. Vine strong, vigorous, healthy, very hardy and productive. Bunches long, compact shoulder, green or greenish-white. Skin thin. Pulp very tender and sweet, with few seeds; excellent quality. One of the finest quality grapes in cultivation. Three weeks earlier than Concord. You will not make a mistake by planting a good number of this excellent grape.

2 Year Old No. 1 Plants, each 30c; 10 for \$2.50; 100 for \$22.00.

IVES. Black. Bunch long, medium to large, compact; berries medium; skin thick and tough; flesh sweet, pulpy, somewhat foxy; colors early, but does not fully mature until several weeks later. When ripe it is a good market variety, and is highly esteemed for red wine. Vine hardy, very vigorous and healthy, generally succeeding well; is quite exempt from rot. A good shipper. Ripens medium late.

2 Year Old No. 1 Plants, each 10c; 10 for 85c; 100 for \$7.00.



Catawba.

At Prices Quoted Per 1, We will send by Mail Postpaid.

CONCORD. Black. The well known fine old market sort, which is so largely planted in all sections that it deserves to be placed at the head of our list. It is decidedly the most popular grape in America. Large, handsome bunches of large luscious berries, covered with a rich bloom. Skin tender but firm, making it a good shipper; flesh juicy, sweet and tender. Vine a strong, healthy grower, very hardy and productive. For general cultivation the most reliable and profitable variety, succeeding well over a great extent of our country.

Two Year Old No. 1 Plants. Extra nice, very large and well rooted. As fine plants as are grown anywhere. Each 8c; 10 for 65c; 100 for \$5.00; 1000 for \$40.00.

One Year Old No. 1 Plants. Strong and well rooted. Each 6c; 10 for 50c; 100 for \$3.50; 1000 for \$30.00.

One Year Old No. 2 Plants. Good plants with plenty of roots. Each 5c; 10 for 40c; 100 for \$2.50; 1000 for \$20.00.

AGAWAM. Red. Bunch usually loose, shouldered; berries large, of rich red color; skin thick; flesh pulpy, meaty, juicy, of a rich, peculiar aromatic flavor; ripens about with Concord; a good keeper. Vine a strong, rank grower, hardy and productive; should be pruned, leaving long canes. One of the best Red Hybrids.

Two Year Old No. 1 Plants, each 10c; 10 for 80c; 100 for \$6.50; 1000 for \$60.00.

BRIGHTON. Red. Bunches and berries large, dark red color, fine rich flavor, juicy and sugary. Almost seedless pulp, quality very fine. Extremely hardy, bears abundantly and stands the heat of summer well. Ripens extra early.

Two Year Old No. 1 Plants, each 10c; 10 for 90c; 100 for \$7.50.

CAMPBELL'S EARLY. Black. A new variety that cannot be too highly recommended. Of strong, vigorous growth, very hardy, foliage perfectly healthy, very early and abundant bearer. The berries are large, nearly round, dark blue, skin thick and tough, making it a good shipper; flesh sweet, with slight aroma. The bunches are always large and beautiful. Will keep on or off the vine several weeks, after fully ripened. An excellent dessert grape and one of the best early market varieties. I do not know of a better grape for Nebraska.

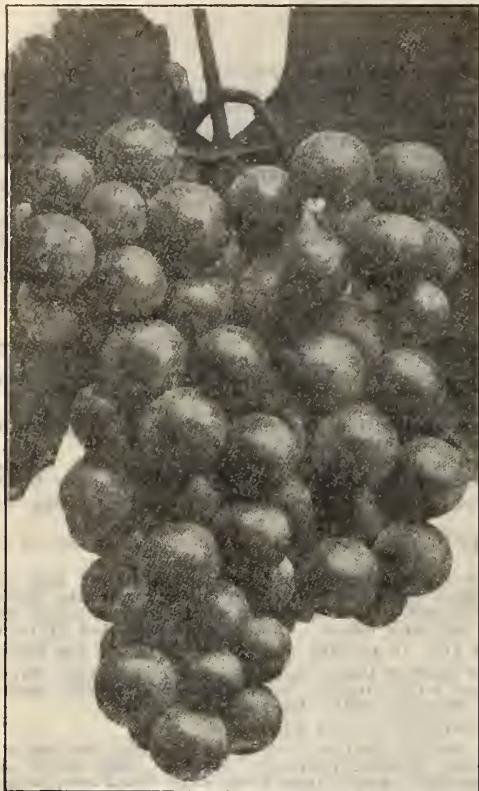
Two Year Old No. 1 Plants, each 25c; 10 for \$2.00; 100 for \$17.00; 1000 for \$150.00.

One Year Old No. 1 Plants, each 20c; 10 for \$1.75; 100 for \$14.00.

CATAWBA. Red. Well known as the great wine grape of Ohio and Kentucky. Of strong, vigorous growth, very hardy, foliage perfectly healthy, very early and abundant bearer. The berries are large, nearly round, dark blue, skin thick and tough, making it a good shipper; flesh sweet, with slight aroma. The bunches are always large and beautiful. Will keep on or off the vine several weeks, after fully ripened. An excellent dessert grape and one of the best early market varieties. I do not know of a better grape for Nebraska.

Two Year Old No. 1 Plants, each 25c; 10 for \$2.00; 100 for \$17.00; 1000 for \$150.00.

One Year Old No. 1 Plants, each 20c; 10 for \$1.75; 100 for \$14.00.



Campbell's Early. (Page 21.)

GRAPE VINES.—Continued.

JEFFERSON. Bright red. Bunch large, double shouldered; berry medium to large; skin thick; flesh tender, crisp, juicy, sweet, slightly aromatic; vinous. It is of very best quality, a fine keeper and good market grape. Ripens with Catawba or a little later.

2 Year Old No. 1 Plants, each 20c; 10 for \$1.70; 100 for \$15.00.

MOORE'S EARLY. Black with heavy blue bloom. Bunches of medium size, rarely shouldered. Berries large, round, of excellent quality. Desirable for market on account of its earliness. Berries larger than Concord, very much like it in flavor, and of same good quality. Vine a moderate grower, very healthy and hardy; foliage thick and leathery. Ripens so early as to be nearly out of market before Concord is ripe. Well suited to Canada and northern portions of the United States by its hardiness. Succeeds admirably in the South also. Ripens early and bears well.

2 Year Old No. 1 Plants each 15c; 10 for \$1.00; 100 for \$8.00.

1 Year Old No. 1 Plants, with strong roots, each 10c; 10 for 75c; 100 for \$6.00.

MOORE'S DIAMOND. White. A seedling of the Concord, partaking of all its good qualities. Of a beautiful greenish-white color, without any of the yellow spots so common with white grapes. Berries are large, sweet, and of as good quality as some of the more delicate varieties. It is as hardy as the Concord, a profuse bearer, and in all one of the best of the newer sorts. Ripens early, a few days before Concord. Very hardy.

2 Year Old No. 1 Plants, each 10c; 10 for 85c; 100 for \$7.00.

NIAGARA. White. Home and market growers seem to agree that this is the most valuable of all white grapes. Its clusters are large and handsome, compactly filled with large berries having thin but tough skin. When fully ripe they are a fine pale yellow, with a thin white bloom. The flesh is slightly pulpy, tender, sweet and delightful, with a flavor and aroma peculiarly its own, and agreeable to most tastes. Vine is remarkably vigorous and productive. Foliage thick and leathery. Succeeds well both North and South and is very largely planted by vineyardists and for home use. Ripens with Concord.

2 Year Old No. 1 Plants, each 10c; 10 for 85c; 100 for \$7.00.

1 Year Old No. 1 Plants, each 8c; 10 for 65c; 100 for \$5.50.

POCKLINGTON. White. Pale green, usually with tinge of yellow where exposed to the sun; bunch large, very compact; berries very large, covered with a beautiful white bloom; flesh juicy, sweet, with little pulp. Foliage large, leathery, healthy. A seedling of Concord, ripening soon after it, and considered its equal in quality. Vine a moderately good grower, but very healthy and very hardy, its buds withstanding the severe cold even better than Concord. It produces a heavy crop of fine, showy clusters, and on account of its appearance and many good qualities is yearly increasing in popularity.

2 Year Old No. 1 Plants, each 10c; 10 for 85c; 100 for \$7.00.

SALEM. Red. Bunch large, compact, shouldered; berries large, round, coppery-red; skin thick and firm; flesh very sweet, tender, with a rich aromatic flavor. Vine vigorous, hardy, healthy; ripens earlier than Concord when not permitted to overbear. Is a splendid keeper, good shipper and of best quality for both table and wine. One of the finest red grapes and very popular; is deserving of more general planting. 2 Year Old No. 1 Plants, each 10c; 10 for 85c; 100 for \$8.00.

WODEN. Black. Bunch large, sometimes shouldered, compact; berries very large, skin thin. Superior to the Concord in the following points: It is better in quality, has a larger berry, a more compact and handsome cluster and ripens five to ten days earlier. It fully equals Concord in vigor, health and productiveness. In berry it is about the size of Moore's Early, but of better quality, more vigorous and productive, and ripens but little later. We recommend it strongly. It is perhaps not so good a shipper as Concord, but nevertheless a very good market sort.

2 Year Old No. 1 Plants, each 15c; 10 for \$1.00; 100 for \$8.00.

1 Year Old No. 1 Plants, each 10c; 10 for 80c; 100 for \$7.00.

1 Year Old No. 2 Plants, each 8c; 10 for 55c; 100 for \$5.00.

WOODEUFF RED. A red grape that originated in Michigan. Bunch medium to large, short, compact; berry large, skin thick, of a beautiful bright red color, very handsome and attractive, making it a profitable market variety. Vine very vigorous, hardy, healthy and usually productive. Fruit of good quality; somewhat foxy. Ripens with Concord.

2 Year Old No. 1 Plants, each 15c; 10 for \$1.30; 100 for \$12.00.

WYOMING RED. A very early red grape. Bunch small, compact and handsome; berry small to medium; skin bright red, thick, firm; fruit sweet, somewhat foxy, but agreeable to most tastes. Vine a very strong grower, very hardy and healthy; foliage small, thick and leathery. Its chief points of merit are its health and earliness. Should be pruned with long canes and given plenty of room, to secure good clusters and a good crop.

2 Year Old No. 1 Plants, each 10c; 10 for 75c; 100 for \$6.00.

GRAPES FOR HOUSE CULTURE OR FOR THE SOUTH.

This class of grapes can be planted out-doors in California, Arizona, Texas and Southern New Mexico. In the northern states they can be raised in tubs or pots, or conservatories and greenhouses. The Black Hamburg is especially well adapted for this purpose.

THOMPSON'S SEEDLESS. (Sultanina blanche.) Identical with the Seedless Sultanas of Asia Minor. Vine an enormous bearer and very rapid grower; bunches very large; berries greenish yellow, firm, oval, seedless; skin thin; much larger than the Sultanina. This variety is attracting a great deal of attention in this valley, and it is preferred to the Sultanina, having many qualities superior to it. The raisins are of a very superior quality, and are in good demand, a very early shipping grape, ripening in August. As a sherry grape much can be said in its favor. This grape should do well in the lower sections of New Mexico, in Texas, Arizona, and the milder parts of Oregon and Washington, without much protection during winter. It is largely grown in California for a raisin grape. Farther north the grape can be grown in pots or tubs and will bear well. During winter keep in cool cellar. As seen by the photograph hereby, they grow and bear well in New Mexico, and I am sure will acclimate themselves anywhere in the South and Southwest.

Price, strong vines, well rooted, 20c each; 10 for \$1.75; 100 for \$15.00.

(Grapes for House Culture continued on next page.)



Thompson's Seedless White Grapes grown by J. P. Angell at Artesia, N. M., yielded \$500 per acre when three years old.

GRAPES FOR HOUSE CULTURE.—Continued.

BLACK HAMBURG. Bunches very large, heavily shouldered, berries large, round; skin thick, coal black when fully ripe; flesh sweet and juicy. One of the best table grapes. An immense bearer.

Price, 25c each; 10 for \$2.00; 100 for \$17.50.

MALAGA. Vine a strong grower and immensely productive, thriving in almost any soil, bunches very large, often weighing ten pounds; compact, shouldered; berry very large, oval, yellowish-green; skin thick, fleshy. One of the best shipping grapes, commanding a good price in the eastern markets every season; makes a second quality raisin.

Price, 25c each; 10 for \$2.00; 100 for \$17.50.

WHITE TOKAY. Fruit greenish white, large ovate; flesh firm with a sweet, pleasant flavor when mature; bunches large and broadly shouldered. A fine table grape and a profuse bearer.

Price, 30c each; 10 for \$2.50; 100 for \$20.00.

GOOSEBERRIES.

Should be planted in good, rich soil and well manured once a year. They will do well on any variety of soil if well drained and fertile. Prune regularly and thoroughly, cutting out all dead wood and all surplus branches. Do not let the bushes grow too thick; the fruit will be larger and more plentiful. Plant in rows four to six feet apart, and four feet apart in the rows. Mulch heavily and in the Fall put two or three forksful of good stable manure around each bush. Gooseberries should be planted in every garden, no matter how small; they are hardy, rugged and easily grown, and the fruit is sought for by every housewife for culinary purposes and sells well in all markets.



Houghton.

Thick skinned, sweet and of excellent flavor. A very dependable variety and just the berry for the West.

Price, 2 Year Old No. 1 Plants, 35c each; 10 for \$3.00; 100 for \$25.00. Postpaid 40c each.

DOWNING. A well known American sort which has given the best results everywhere. Large and handsome, pale green berry; of splendid quality for dessert or cooking. Bush vigorous, a strong and upright grower, and exceedingly productive. An excellent sort for family use and profitable for market. This variety is seldom affected by mildew.

Price, 2 Year Old Plants, 15c each; 10 for \$1.35; 100 for \$12.00. Postpaid 20c each.

HOUGHTON. An enormously productive and always reliable, old variety. Of vigorous growth, slender and spreading, not subject to mildew. Fruit of medium size, smooth, pale red, tender and of good quality.

Price, 2 Year Old Plants, 12c each; 10 for \$1.00; 100 for \$9.50. Postpaid 15c each.

INDUSTRY. The most planted in this country of any English sort, and is less subject to mildew. The bush is strong, upright and immensely productive. Berries are of largest size, dark red, and of excellent quality, rich and agreeable. When properly grown it produces large crops annually. This variety should be pruned less severe than other sorts, to secure the best results. Price, 2 Year Old Plants, 25c each; 10 for \$2.00; 100 for \$17.00. Postpaid 30c each.

PEARL. A very desirable American variety. Very hardy, entirely free from mildew, superior in size and quality and more productive than Downing. We take pleasure in recommending it for small or extensive planting as one of the best berries of recent introduction. The large berries are pale green and of the finest quality, and valuable either for home use or market. Price, 2 Year Old Plants, 20c each; 10 for \$1.50; 100 for \$12.00. Postpaid 25c each.

RED JACKET. (Josselyn.) This American seedling has been widely planted in recent years, and is highly recommended by all growers. Bush is very hardy; clean, healthy foliage; vigorous and entirely free from mildew. Fruit large, smooth, pale red, and of first class flavor and quality. It is considered the best red fruited gooseberry in cultivation, and can be recommended to give good results.

Price, 2 Year Old Plants, each 20c; 10 for \$1.50; 100 for \$12.00. Postpaid, each 25c.

TREE GOOSEBERRIES. See pink sheets under "Novelties."

JUNE BERRY.

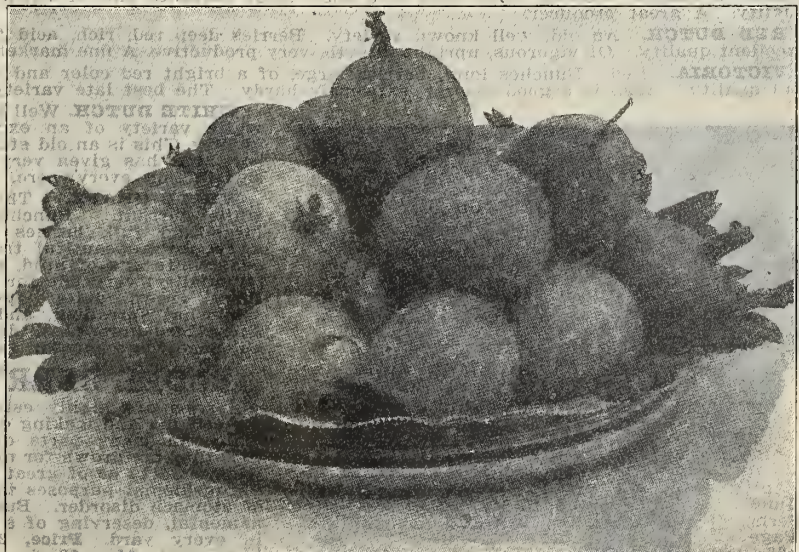
IMPROVED DWARF. A good substitute for the large Swamp Huckleberry or Whortleberry, which it resembles in appearance and quality. Fruit borne in clusters, reddish purple in color, changing to bluish-black. Flavor a mild, rich, sub-acid; excellent as a dessert fruit or canned. Is extremely hardy, and endures the heat of summer without injury. In habit it is similar to the currant, the bushes attaining the same size. Desirable for ornamental purposes. Transplanted plants only, as division plants are rather difficult to get started.

Price, strong plants, 20c each; 10 for \$1.50; 100 for \$14.00. By mail postp'd 25c ea.

DWARF BLUE BERRY.

(*Vaccinium Pennsylvanicum.*)

A dwarf shrub, growing 8 to 15 inches high, with very shiny leaves and very productive. The berries are of good size, black with a blue bloom, very sweet. This is the variety that is largely used for canning. Plant grows fine under cultivation, likes a sunny place and is perfectly hardy. Price, 10c each; 10 for 75c; 100 for \$6.00. By mail postpaid, 10c each.



Oregon Champion.

CURRENTS.

Hardy, easily cultivated, standing neglect well, and liberally responding to cultivation and generous treatment; indispensable for table use, jellies, etc.; no garden is complete without them and large quantities are required for market. Set four feet apart in rich ground; cultivate well or mulch heavily; prune out old wood so that each remaining shoot will have room to grow. If the currant worm appears dust with hellebore. All two year plants, well rooted and strong.

WE SEND CURRENTS BY MAIL AT PRICES PER ONE.

FAY'S PROLIFIC. Has fully sustained all the claims that were made for it by the originator when first introduced, and is the best red currant known. It has been widely planted, and has given general satisfaction; fruit very large, bright red, and of excellent flavor, less acid than Cherry. It has a long stem, which admits rapid picking, and is enormously productive. One of the most valuable fruits of recent introduction. Comes into bearing early. One of the best market sorts, and equally valuable for home use.

Price, 2 Year Old No. 1 Plants, each 10c; 10 for 75c; 100 for \$6.00.



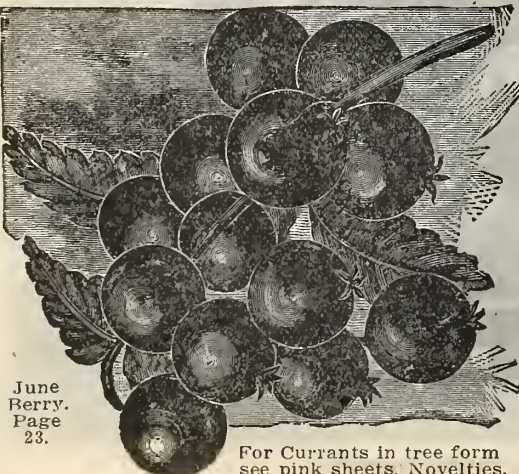
London Market.

times measuring one-half inch in diameter. A strong grower and must have good cultivation to do well.

NORTH STAR. Red. Very hardy and vigorous. The bunches average four inches in length. Berries large, less acid than most currants and of extra good quality. A great producer.

RED DUTCH. An old, well known variety. Berries deep red, rich, acid flavor, excellent quality. Of vigorous, upright growth, very productive. A fine market sort.

VICTORIA. Red. Bunches long; berries large, of a bright red color and excellent quality. Bush is a good grower, extremely hardy. The best late variety.



June Berry. Page 23.

For Currants in tree form see pink sheets, Novelties.

PERFECTION. This grand new fruit was originated by Charles G. Hooker, of Rochester, by crossing the Fay's Prolific with the White Grape Currant, with the view of combining the large size and color of the Fay with the good quality and productiveness of the White Grape. The color is a bright red; size as large or larger than Fay, the clusters averaging longer. The Perfection has a long stem, making it easy to pick without crushing any of the berries. It is a great bearer. The berries are of rich, mild flavor, sub-acid, plenty of pulp, with few seeds. Less acid and of better quality than any other large currant in cultivation.

Price, 2 Year Old No. 1 Plants, each 25c; 10 for \$2.25; 100 for \$20.00.

POMONA. (Knight's Improved.) Deserves prominence for its splendid market qualities. The fruit is of good size and flavor, bright red in color. Has long stems and hangs in fine condition long after ripening. Ships and markets well. The bushes bear early. This variety first attracted notice for its enormous productiveness and quality. Has the greatest acreage yield on record. In one year fruit from 6 1/2 acres was sold for \$3,400 per acre.

Price, 2 Year Old Plants, each 15c; 10 for \$1.00; 100 for \$8.00.

LONDON MARKET. Red. Very popular variety in the Michigan fruit sections. The fruit is of good size, dark red in color, with sprightly acid flavor. Bush is vigorous, upright, very strong grower. It begins ripening at an early age and is enormously productive. Valuable for the home garden and for commercial purposes.

Price, 2 Year old Plants, each 10c; 10 for 75c; 100 for \$6.00.

WILDER. One of the strongest growers and exceedingly productive. Clusters and berries very large; of attractive, bright red color, even when dead ripe. Quality excellent, with mild, sub-acid flavor. Ripens early and remains bright and firm until quite late. Very profitable market sort. Bush grows upright and vigorous. Few varieties equal the Wilder in productiveness and long keeping.

Price, 2 Year Old Plants, each 10c; 10 for 90c; 100 for \$8.00.

PRICE OF THE FOLLOWING VARIETIES: 10c each; 10 for 75c; 100 for \$6.00.

BLACK CHAMPION. Very productive; large bunch and berry, excellent quality; strong grower. Leading well tested black currant.

CHERRY. Red. Berries very large, sometimes measuring one-half inch in diameter. A strong grower and must have good cultivation to do well.

WHITE DUTCH. Well known white variety of an excellent quality. This is an old standard sort that has given very good satisfaction everywhere.

WHITE GRAPE. The best white currant. Bunches are large and full, berries large, sweet, of a beautiful translucent white and of mild, superior quality; very fine for table. Bush grows quite vigorous, somewhat spreading, and produces large crops. A dependable and very popular variety.

ELDER BERRY.

Berries are highly esteemed for cooking and making of cordials. In many parts of Europe they are grown for making wine; said to be of great value for medicinal purposes in case of stomach disorder. Bush ornamental, deserving of a place in every yard. Price, 2 feet high, each 15c; 10 for \$1.50. Smaller plants, post'd by mail each 15c; 10 for \$1.50.



Perfection.



White Dutch.

BLACKBERRIES.

Blackberries require the same treatment as Raspberries. They succeed well on any land suitable for corn or wheat, but amply repay high cultivation. Plant in rows six feet apart and three feet in the row. Pinch the canes back when they have reached about four feet in height, and cut out all the dead wood every year. Cultivate well and deep, or mulch heavily with straw. A very small plot of ground planted to blackberries will produce more than enough luscious, healthful fruit to supply the average family.

EARLY HARVEST. A very early variety of dwarf habit. Very productive, bearing sweet, medium sized berries. A splendid market sort on account of its earliness, selling at highest prices as the first berries on the market. Not very well adapted to the northern states, but one of the best sorts for Oklahoma and Texas.

Price, strong plants, each 5c; 10 for 30c; 100 for \$2.50; 1000 for \$17.00. By mail postpaid, each 10c; 10 for 50c.

ERIE. Berries large and nearly round, appearing thus even larger than they really are; of good quality. The canes are strong, with healthy foliage, hardy, free from rust, supporting heavy crops of fruit. Ripens between Early Harvest and Wilson.

Price, strong plants, each 5c; 10 for 30c; 100 for \$2.50; 1000 for \$18.00. By mail postpaid, each 10c; 10 for 50c.

ICEBERG. This remarkable berry was originated by Luther Burbank. The fruit is white and very transparent, so the seeds which are unusually small, can be seen in the ripe fruit. The clusters are very large and the berries sweet and tender. Very productive but not very hardy north of Nebraska, unless well covered over winter. Quite a remarkable berry.

Price, 10c each; 10 for 75c; 100 for \$5.00; 1000 for \$40.00. Postpaid 10c each; 10 for 90c.

KITTATINY. Large, roundish, conical, glossy black; juicy, sweet, excellent when fully ripe. One of the most valuable sorts for general planting, especially south of here.

Price, 5c each; 10 for 40c; 100 for \$3.00; 1000 for \$22.00. By mail postpaid 10c each; 10 for 50c;



Mersereau.

MERSEREAU. This early, mammoth ironclad blackberry originated in Northwestern New York, where the mercury falls from fifteen to twenty-five degrees below zero, and where it has stood in open field culture for many years without the slightest protection, and has never been injured. The berries are sparkling black throughout and remain black under all conditions and circumstances. In quality it is exceptionally sweet, rich, melting and luscious, being without core. As a shipper and keeper it is unsurpassed. The canes are of exceedingly strong, upright habit. Foliage large, abundant and entirely free from rust or blight. Its yield is simply enormous.

Price, strong plants, each 8c; 10 for 50c; 100 for \$3.00; 1000 for \$25.00. By mail, each 10c; 10 for 60c.

RATHBUN. Vigorous, branching, making plenty of fruit wood. Has stood safely 20 degrees below zero and bore a full crop next summer. Roots sucker very little and must be propagated by layering the tips of the shoots. Berries are very large, intensely black with a high polish. Are very firm, so they carry well to market and retain their form and handsome appearance. **Price,** strong plants, each 10c; 10 for 50c; 100 for \$3.00; 1000 for \$27.50. By mail, each 12c; 10 for 80c.

SNYDER. This is one of the best blackberries for market in the North, and very hardy. The canes are vigorous and annually productive. The berries are medium in size, very sweet, juicy and of fine flavor. It also lacks the hard core of many other varieties. **Price,** strong plants, each 5c; 10 for 30c; 100 for \$2.00; 1000 for \$16.00. By mail, each 8c; 10 for 50c.

THE LOGAN BERRY.

THE LOGAN BERRY is a hybrid between the Raspberry and Blackberry. The fruit is as large as the largest Blackberry, and is produced in immense clusters. The color is clear, dark red. It partakes of the flavor of both the blackberry and the raspberry—mild, pleasant, vinous flavor, delicious and peculiar to this berry alone. Seeds small, soft and few. Berries very firm and carry well. Strong grower; enormous bearer. Ripens early, just after strawberries. Not hardy north of the 40th parallel. We offer transplanted, strong, well-rooted plants only. **Price,** 25c each; 10 for \$2.25; 100 for \$20.00. By mail each 25c.

DEWBERRIES.

A variety of Blackberry that trail on the ground. In size and quality the fruit excels the blackberry; very profuse bearer and reasonably hardy. Vines should be covered with straw or earth over winter in cold climates. The fruit of the dewberry is highly prized as a market fruit, owing to its large size and fine quality.

LUCRETIA. One of the most widely planted of the dewberries. It is a strong grower and exceedingly productive. The fruit is large, luscious and handsome. Glossy, shining black, and ripens from the first to the middle of July, according to locality. **Price,** strong plants, ea. 5c; 10 for 30c; 100 for \$2.00; 1000 for \$18.00. By mail, ea. 8c; 10 for 50c.

PREMO. A new extra early Dewberry; very large, jet black, firm and good; ripens its crop very fast. Special points in this Dewberry: Ripens 7 to 10 days earlier than Lucretia, ripening so fast that it is nearly all gone at the second picking of Lucretia; foliage darker green and healthy; not inclined to burn when hot sun comes.

Price, strong plants, each 6c; 10 for 50c; 100 for \$3.50; 1000 for \$30.00. By mail, each 10c; 10 for 75c.

HIMALAYA BERRIES. See Novelties on Pink Sheets.

BUFFALO BERRY.

The fruit of the Buffalo Berry resembles small currants, is round, smooth and glossy, beautiful red color. Berries ripen in July and literally cover twigs and branches; will hang on bush until nearly spring. Make excellent preserves, jellies and butter, also much used for pies and tarts and for making wine. Tree is hardy anywhere, constant and prolific bearer, worth cultivating for ornamental purposes alone. Plant the Buffalo Berry for a winter berry, as they are a most delicious fruit from December to January. Male and female plants. Should be planted about one male to three females. One plant alone will not bear fruit. Remember this when ordering. **Price,** 2 to 3 feet, 20c each; 10 for \$1.70.



Logan Berry.

BLACK RASPBERRIES. RASPBERRIES.

Plant in rows five feet apart and 3 feet in the row. Will do well in any soil. Cultivate thoroughly and keep free from weeds. Destroy all suckers, cut out all old wood. Our plants are strong and well rooted. There is big money in growing a good red variety for most any market. They have many advantages over the blackcap, as they can stand both cold and hot weather much better. They are easier cared for, selling for more money, and will produce as much fruit as the blacks. They become more popular each season for canning and jams, retaining their flavor for years after preserving.

Black Raspberries, also Cardinal and Columbia Red Raspberries do not make sucker plants. They are propagated by covering the tips of the branches with dirt. This makes well-rooted plants by fall, but the roots are very soft and spoil much easier even than the Strawberry roots. They are hard to make grow, a good percent is always lost in transplanting. We transplant these tip plants and grow them one year and will, after this, offer only transplanted Black Raspberry plants. While they are a little higher in price, you will find them much more satisfactory—you will get a perfect stand. We can ship such plants any distance as the roots are firm and hard as those of Blackberry or Gooseberry. In comparing our prices with other catalogues, please bear in mind that we furnish transplanted plants only.

RED VARIETIES.

CARDINAL. This is one of the most promising of all red raspberries. Its growth is the strongest, canes often growing ten feet or more, and making from 10 to 15 canes from one hill. They are very hardy wood, with red bark; almost thornless. It stood 30 degrees below zero without the least injury. Its productiveness is a marvel to fruit growers. As this berry does not sprout or root-sucker, it is especially valuable. The berries are large, dark red, firm to texture, with an agreeable, pure, rich flavor. Their season is rather late and they hold on well. Transplanted plants only.

Price, 10c each; 10 for 60c; 100 for \$4.00; 1000 for \$30.00. Postpaid 10c each; 10 for 75c.

CUTHBERT. A strong growing, hardy variety, stands northern winters well; berries very large, firm, can be shipped long distances to market; flavor is sweet, rich and luscious. The best late red raspberry.

Price, 5c each; 10 for 30c; 100 for \$1.50; 1000 for \$12.00. By mail, 8c each.

COLUMBIAN. The greatest Raspberry of the age. It is a seedling of the Cuthbert, grown near the Gregg, and is believed to be a cross between the two. It is enormously productive; of large size and excellent quality. Season of fruiting from July 12th to August 15th. It has stood 28 degrees below zero without injury; is propagated from the tips and does not sucker. The

color is dark red; adheres to the stem; does not crumble in picking, and is a splendid shipper.

Price, 10c each; 10 for 70c; 100 for \$5.00; 1000 for \$45.00. By mail 10c each. Transplanted plants only.

LOUDON. The large berries are of a beautiful rich, dark crimson color, of fine flavor and excellent quality. Berries are very firm and will stand shipping long distances. Berries ripen with Cuthbert. One of the heaviest yielders.

Price, 6c each; 10 for 40c; 100 for \$2.75; 1000 for \$21.00. By mail, 10c each.

RED MERVELLE RASPBERRY. This fine Raspberry we imported from Germany. It is a decided acquisition to our native varieties. The fruit is large to very large, round, of a deep red color, not purple. Very juicy and of excellent quality. Exceptionally firm, making it a splendid shipping berry. Ripens its fine fruits in June and will bear a second crop in September. Luscious, ripe raspberries in the fall are certainly a novelty and will sell at high prices anywhere. This new berry is highly es-

teemed in the old country and we predict that it will quickly come into popular favor here. The plant is as hardy as our native varieties and will bear abundantly twice a year, although the second crop will be smaller than the first.

Price, 25c each; 10 for \$2.00; 100 for \$15.00. Postpaid, 30c each.

MILLER. Is early, very hardy and does not winter kill. This fine early red raspberry is, for an early berry, what the Cuthbert is for a late one, the very best there is. Shipping qualities are perfect. Makes a healthy growth of canes. If you want the best early Red Raspberry, set the Miller. You won't be sorry. Probably the strongest point in favor of the Miller is its splendid keeping qualities. The berries will hang on the bushes several days without becoming soft. This quality makes them very profitable to the grower. We strongly recommend the Miller Raspberry to all.

Price, 6c each; 10 for 35c; 100 for \$2.00; 1000 for \$17.50. By mail, 10c each.

TURNER. This old variety is still a favorite everywhere and has an established reputation as a profitable market sort. Berries bright red, medium size, juicy and sweet. A healthy grower and a great producer. Ripens early.

Price, 6c each; 10 for 35c; 100 for \$2.00; 1000 for \$14.00. By mail, 8c each.

MARLBORO. A profitable early market berry, with large, light crimson fruits of good quality and firmness. This variety is very hardy and well suited to the North.

Price, 10c each; 10 for 35c; 100 for \$2.50; 1000 for \$20.00. Prepaid, 10c each; 10 for 60c.

ST. REGIE EVERBEARING RED RASPBERRY on pink sheets.

CAROLINA GOLDEN RASPBERRY. A new berry from Germany and much superior to the old Golden Queen, see pink sheets.

SUNBEAM RED RASPBERRY. A new variety from South Dakota and hardy anywhere. See pink sheets.



Red Merveille Raspberry.



Cardinal.

RASPBERRIES.—Continued.

BLACK VARIETIES.

CUMBERLAND. In hardiness and productiveness it is unexcelled by any other variety. The berries run seven-eighths and fifteen-sixteenths of an inch in diameter and are of such handsome appearance that their fruit sold at 10c a quart when other varieties were selling for 5c and 7c per quart. In spite of its unusual size, the fruit is possessed of great firmness and is thus well adapted for standing long shipments. The bush is exceedingly healthy and vigorous, throwing up stout stock canes. It has also shown itself remarkably free from Anthracnose.

Price, 7c each; 10 for 55c; 100 for \$3.75; 1000 for \$32.50. By mail 10c each. Transplants only.

EARHART EVERBEARING. Actually bears continuously from June 1st until killed by frost in Fall. The canes are literally loaded with fruit in all stages from bloom to ripe fruit. The berries are black in color, of good size and very fine flavor. As hardy as any of the black raspberries. Creates the greatest surprise when shown at fairs and horticultural societies. Has no equal as an ever-bearing variety. A great novelty and a very valuable one as well.

Price, 15c each; 10 for \$1.25; 100 for \$10.00. Postpaid 20c each; 10 for \$1.75.

GREGG. Fruit very fine and covered with bloom. Gregg has been the leading market variety all over the country. Best for evaporating of any variety, as it is said to give more pounds to the bushel than any other kind. A good all around black cap. Gregg will not disappoint you. Well and favorably known in every fruit district.

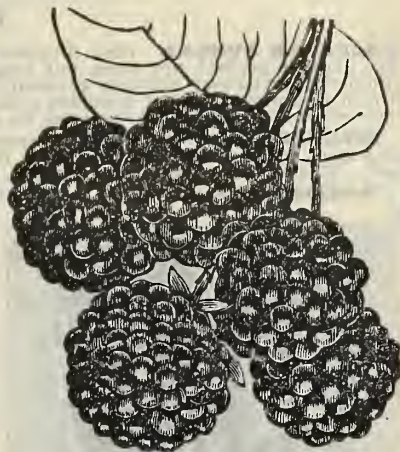
Price, 7c each; 10 for 55c; 100 for \$3.75; 1000 for \$32.50. By mail 10c each; 10 for 75c. Transplants only.

HOOSIER. The Dollar a Gallon Berry. This raspberry originated in Indiana years ago and has proven a wonder, surpassing all others in every point of excellence. Perfectly hardy and fully tested in every state in the Union and throughout Canada; does not winter-kill and will mature a full crop even to the tips of the canes. This berry begins to ripen a full week ahead of the Cumberland and continues a week longer, is firmer and better flavored, jet black and glossy, very productive, averages 1,200 gallons per acre and is a drought resister, and is absolutely proof against Anthracnose and other raspberry pests. This fruit sells for double the price of any other variety.

Price, 12c each; 10 for \$1.00; 100 for \$7.00; 1000 for \$60.00. Postpaid 15c each; 10 for \$1.20. Transplants only.

KANSAS BLACK. A valuable early black cap, so strong and hardy as to endure extremes of cold and drought and yet bear heavy crops. The berries are large, showy, firm, of best quality, selling for the best market prices. One of the best for market, and a good shipper. Vigorous in growth and not subject to leaf blight.

Price, 8c each; 10 for 60c; 100 for \$3.75; 1000 for \$32.50. By mail 10c each. Transplants only.



Kansas Black.

STRAWBERRY - RASPBERRY.

Valuable for the extreme north, as the fruit is born on the young growth and is of course hardy in any climate. This is an entirely new fruit, both in habit of growth and form of fruit. Bushes grow 1 to 3 feet high, and are covered with Raspberries in the shape of strawberries. They are upright in manner of setting. Perfectly hardy, bound to become a valuable addition in the fruit line. It is very productive and a distinct novelty in small fruits. Price, 10c each; 10 for 70c; 100 for \$5.00. By mail 10c each; 10 for 75c.

STRAWBERRIES.

These will do well in any ordinary farm or garden soil. Ground should be well prepared. For field culture set in rows three feet apart and from 12 to 15 inches in the row. For garden 15 inches apart each way. Cultivate well and keep clear from weeds. Cut off all runners as soon as they appear, as fruit will be much larger. In winter a covering of straw or old hay will protect the plants. Do not cover until the ground is frozen.

The blossoms of these varieties marked "imperfect" are destitute of stamens, and unless a row of some perfect flowering variety is planted at intervals of not exceeding 15 feet, they will not produce perfect fruit.

Strawberry plants cannot be shipped by freight to distant points, but should go by express to insure safe arrival. At prices quoted below we will prepay express charges on shipment, provided that your entire order amounts to \$10.00 or over.

Price of all varieties of Strawberry by mail or express prepaid 25c per 25; 80c per 100; \$6.00 per 1000.

AROMA. Late. The berries of this variety are very large and bright red to the center. The flavor of the fruit is rich and delicately aromatic; the flesh is solid and smooth. A very firm berry, which makes an ideal shipper. Its great productiveness, firm texture and fine flavor have combined to make it one of the most popular berries with the commercial grower. As a pollenizer for late pistillates it is unexcelled. PERFECT.

BEDERWOOD. Early. We have fruited for many years and found it to be a heavy bearer, of good sized, roundish fruit, season early, a good staminate to fertilize early varieties. This berry all things considered is one of the best for general use. PERFECT.

CLIMAX. Extra Early. Berries are big and dark red, with glossy surface, conical in shape, and they are produced in great quantities. Flesh is firm, rich and juicy. It is an ideal berry for all purposes and is especially attractive on the table. Splendid market sort. PERFECT.

CLYDE. Medium early. Seems to do equally well in all parts of the country and on all soils. The first berries ripe are of immense size but later pickings are somewhat smaller. The berry is of splendid quality and one of the best for home use and will yield immense crops on rich soil. PERFECT.

DORNAN. Late. This variety grows an extra large berry. It is dark-red on the upper side, shading to a bright red on the other. The meat is smooth as velvet and absolutely free from any gritty substance. Dornan is famous for its delicate, rich, sub-acid flavor, which makes it possible to smother it with cream without affecting the digestion. PERFECT.

GANDY. Late. Considered the best long keeping and one of the best shipping strawberries on the market. On heavy, rich soil the plant is a marvel of vigor and productiveness. PERFECT.

ROUGH RIDER. Late. The plant is a good runner and enormously productive. Berries very large, color dark red like Gandy. What makes it especially valuable is its extreme firmness, which enables the grower to ship to very distant markets. One of the most valuable imperfect varieties grown. IMPERFECT.

(Strawberries continued on next page.)



Buffalo Berry. See Page 25.

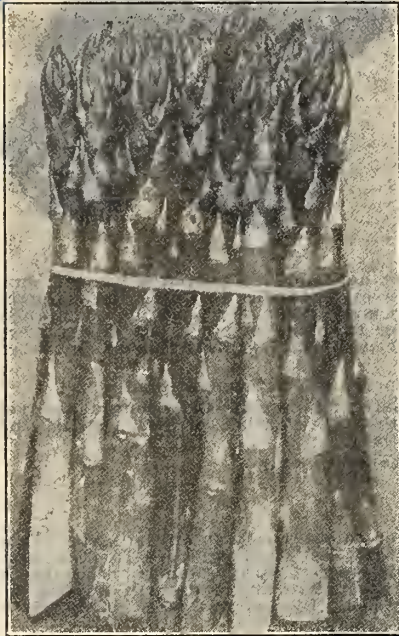


STRAWBERRIES.—Continued.

SENATOR DUNLAP. (See illustration page 27.) Medium Early. One of the best all-round berries now on the market. The plant is perfect, not large, but tough, a rampant runner and ready to grow under any circumstances. It is wonderfully productive and every berry is generally brought to perfection. The fruit is beautiful, bright red and glossy, as regular as if cast in a mould, and of delicious quality. Large, but not the largest; firm, a good shipper and splendid keeper and when canned one of the richest varieties we ever saw. PERFECT.

SPLENDID. Medium Early. Tremendously productive; medium large, smooth, round, bright scarlet berries that are firm and good. One of the best and most reliable berries for rough and ready culture, and suited for about every variety of soil. Ripens throughout the season. PERFECT.

WARFIELD. Early. This is one of the best known berries, of medium size, excellent quality and a good shipper. It is one of the best early sorts and maintains its size well throughout the season. IMPERFECT.



Asparagus.

Price, both varieties, nice strong 2 year old roots, each 10c; 10 for 70c; \$5.00 per 100. By mail, 15c each.

ASPARAGUS.

This earliest and finest of spring vegetables is among the earliest cultivated and most profitable. A bed once planted suffers no deterioration for many years if it is properly attended to and well manured. See that the ground is well drained; work it up fine and deep, and make it very rich with well rotted barnyard manure. Place the plants 3 inches apart in rows 3 feet apart. Spread out the roots in a trench made deep enough to permit their crowns to be covered with 3 or 4 inches of mellow earth. Give bed liberal dressings of manure at intervals.

CONOVER'S COLOSSAL. Produces large, tender shoots. Well known and largely planted.

COLUMBIAN MAMMOTH. A distinct variety of mammoth size and superior quality. Remarkable for the clear whiteness of its stalks.

Price, Both Varieties, 2 year old plants, 10 for 10c; 100 for 70c; \$5.50 per 1000. By mail postpaid, 10 for 25c; 100 for \$1.25.

HORSE RADISH.

This popular condiment is very easily produced in the home garden and anyone who has compared the freshly dug article with that sold over counters, can appreciate the value of good home-grown horse radish. A half dozen roots will provide the ordinary family and as it spreads quite rapidly, the source of supply is easily maintained.

We furnish large strong roots, not small lengths. 10 for 15c; 100 for \$1.25; 1000 for \$10.00. Postpaid, 10 for 25c; 100 for \$1.75.

RHUBARB OR PIE PLANT.

Also called Wine Plant. This plant affords the earliest material in the spring for pies and tarts. Invaluable for canning and wine. Can be set out either in spring or fall. Will grow in any good garden soil. Deep, rich, moist soil is best, but it is such a strong, vigorous growing plant, it will thrive almost anywhere. Plant in rows four feet apart, and the plants three feet apart. Set the roots so that the crowns are about an inch below the surface. Rhubarb is a gross feeder. The more manure it is given, the larger and finer the yield.

LINNAEUS. Medium size, early and tender.

GIANT. Very early, vigorous grower and of fine quality. Best for canning.

Price, both varieties, nice strong 2 year old roots, each 10c; 10 for 70c; \$5.00 per 100. By mail, 15c each.

FOREST TREE SEEDLINGS.

ALL NURSERY GROWN. FOR DESCRIPTION SEE ORNAMENTAL AND SHADE TREES.

We are the largest growers of all kinds of forest tree seedlings in the West. We grow them by the millions. Our seedlings are nice, well-rooted and sound, and will be well graded.

Our seedlings are carefully raised, our soil here being especially adapted to the raising of first class, clean seedlings and nursery stock in general. The rather severe climatic conditions insure vigorous, hardy stock, that can withstand the raw, cold winters and the dry, hot summers to a surprisingly large degree. You will experience no trouble to get our seedlings to start well if proper care is used in transplanting. We invite correspondence from parties desiring to purchase large quantities of seedlings.

			1	10	100	1000	10000
AILANTHUS, (Tree of Heaven)	12 to 18 inch, 1 year	.....	.....	.....	.60	5.50	.....
	18 to 24 inch, 1 year	.....	.....	.....	.80	7.00	.....
ASH, White. (Fraxinus.)	4 to 8 inch, 1 year	.....	.....	.....	.20	1.50	14.00
	8 to 12 inch, 1 year	.....	.....	.....	.25	2.20	21.00
	12 to 18 inch, 1 year	.....	.....	.....	.35	3.20	30.00
	18 to 24 inch, 1 year10	.60	5.00	47.00
" " " "	2 to 3 feet, 2 year	.....	.....	.....	.15	1.00	9.00
BEECH, European. (Fagus.)	12 to 18 inch, .....	.....	.05	.30	2.75	22.00	.....
	" Bloodleaf. (Fagus Purpurea.)	12 to 18 inch, .....	.....	.15	1.35	12.00	.....
BLACK LOCUST. (Or Yellow Locust, Robinia Pseudacacia.)	4 to 8 inch, 1 year	.....	.....	.....	.15	1.30	12.00
	8 to 12 inch, 1 year	.....	.....	.....	.25	1.75	16.00
	12 to 18 inch, 1 year	.....	.....	.....	.35	2.60	24.00
	18 to 24 inch, 1 year10	.60	4.00	37.50
" " " " " "	2 to 3 feet, 1 year	.....	.....	.....	.15	1.00	9.00
BLACK WALNUT	8 to 12 inch, 1 year	.....	.....	.....	.15	1.00	8.00
	12 to 18 inch, .....	.....	.....	.....	.20	1.25	11.00
BOX ELDER. (Acer Negundo.)	4 to 8 inch, 1 year	.....	.....	.....	.15	1.20	11.00
	8 to 12 inch, 1 year	.....	.....	.....	.20	1.50	.....
	12 to 15 inch, 1 year	.....	.....	.....	.35	3.00	.....
	18 to 24 inch, 1 year	.....	.....	.....	.60	5.00	.....
" " " " " "	2 to 3 feet, 2 year	.....	.....	.....	1.50	12.00	.....
BUTTERNUT.	8 to 12 inch, .....	.....	.05	.30	2.00	15.00	.....
	12 to 18 inch, .....	.....	.10	.60	4.00	25.00	.....
CATALPA SPECIOSA. From true seed collected by our own men here. These seedlings are just as true Speciosa as those offered you by Tree Agents at \$25.00 or \$30.00 per 1000.	4 to 8 inch, 1 year	.....	.....	.....	.15	1.25	11.00
	8 to 12 inch, 1 year	.....	.....	.....	.25	1.75	15.00
	12 to 18 inch, 1 year	.....	.....	.....	.35	3.00	28.00
	18 to 24 inch, 1 year	.....	.....	.....	.45	4.00	37.00
	2 to 3 feet, 2 year	.....	.....	.....	1.00	9.00	.....
COTTONWOOD.	12 to 18 inch, 1 year	.....	.....	.....	.25	1.90	17.50
	18 to 24 inch, 1 year	.....	.....	.....	.35	2.50	22.50

FOREST TREE SEEDLINGS.—Continued.

	1	10	100	1000	10000
WHITE ELM. 4 to 8 inch, 1 year.....	...	...	.15	1.35	12.00
" " 8 to 12 inch, 1 year.....	...	...	.20	1.75	16.00
" " 12 to 18 inch, 1 year.....	...	...	.35	2.75	26.00
" " 18 to 24 inch, 1 year.....	...	...	.10	.50	4.25
" " 2 to 3 feet, 2 year.....	...	...	.20	1.00	9.00
GOLDEN WILLOW. 18 to 24 inch, 1 year.....	.05	.35	2.50	20.00	.....
" " 2 to 3 feet, 2 year.....	.06	.50	3.50	30.00	.....
HACKBERRY. 8 to 12 inch, 1 year.....	...	...	.10	.75	6.00
HONEY LOCUST. (Gleditschia) 4 to 8 inch, 1 year.....	...	...	.15	1.40	12.50
" " 8 to 12 inch, 1 year.....	...	...	.25	2.00	18.00
" " 12 to 18 inch, 1 year.....	...	...	.35	3.00	28.00
" " 18 to 24 inch, 2 year.....	...	...	.60	5.00	.....
THORNLESS HONEY LOCUST. (Gleditschia Inermis.) 4 to 8 inch, 1 year.....	...	...	.50	3.50	.....
" " 8 to 12 inch, 1 year.....	...	...	.10	.60	5.00
" " 12 to 15 inch, 2 year.....	...	...	.15	.90	7.00
HORSE CHESTNUT. European. (Aesculus.) 12 to 15 inch, 1 year.....	.05	.40	3.00	25.00	.....
LINDEN, German. (Tilia.) 18 to 24 inch, 2 year.....	.05	.40	3.00	.....	.....
" American. (Tilia.) 12 to 18 inch, 1 year.....	.05	.20	2.00	15.00	.....
MAPLE, Hard or Sugar. 12 to 18 inch, 2 year.....	...	...	.15	1.00	9.00
" " 18 to 24 inch, 2 year.....	...	...	.20	1.50	12.00
MAPLE, Norway. (Acer Platanoides.) 18 to 24 inch, 2 year.....	.05	.45	3.00	25.00	.....
MAPLE, Soft or Silver. 4 to 8 inch, 2 year.....	...	...	.20	1.50	14.00
" " 8 to 12 inch, 2 year.....	...	...	.30	2.25	21.00
" " 12 to 18 inch, 2 year.....	...	...	.40	3.00	28.00
MOUNTAIN ASH. European. (Sorbus.) 18 to 24 inch, 1 year.....	.10	.50	3.50	30.00	.....
OSAGE ORANGE. (Bois d'Arc.) 4 to 8 inch, 2 year.....	...	...	.15	1.00	9.00
" " 8 to 12 inch, 1 year.....	...	...	.25	2.00	.....
" " 12 to 18 inch, 1 year.....	...	...	.35	3.00	.....
PIN OAK. 8 to 12 inch, 2 year.....	.05	.30	2.50	20.00	.....
RED OAK. 8 to 12 inch, 2 year.....	.05	.40	3.00	25.00	.....
RUSSIAN MULBERRY. 4 to 8 inch, 1 year.....	...	...	.20	1.35	12.00
" " 8 to 12 inch, 1 year.....	...	...	.25	2.00	18.00
" " 12 to 18 inch, 1 year.....	...	...	.35	3.00	28.00
" " 18 to 24 inch, 1 year.....	...	...	.50	4.00	.....
RUSSIAN OLIVE. 8 to 12 inch, 2 year.....	...	...	.20	1.50	13.00
" " 12 to 18 inch, 2 year.....	...	...	.25	2.00	18.00
" " 18 to 24 inch, 2 year.....	.05	.45	3.50	.....	.....
SIBERIAN PEA TREE. (Caragana.) 18 to 24 inch, 2 year.....	.10	.65	5.00	.....	.....
SYCAMORE. (Platanus.) 12 to 18 inch, 2 year.....	...	...	.20	1.00	8.00
WHITE BIRCH. European. (Betula Alba.) 12 to 18 inch, 1 year.....	.05	.40	3.00	25.00	.....

FRUIT TREE AND ROSE SEEDLINGS.

	1	10	100	1000
APPLE. From French Crab Seed.....1 year, No. 1.....20	1.50
" "1 year, No. 2.....15	1.00
APPLE, Doucine. (For Dwarf Apple.) No. 1.....30	2.75
APPLE, Paradise. (For Dwarf Apple.) No. 1.....30	2.75
MAHALEB CHERRY. ....1 year, No. 1.....25	2.00
MYRABOLAN PLUM. (Scarce this year. Order early.) ....1 year, No. 1.....50	4.00
PEACH SEEDLINGS. 2 feet, .....1 year, No. 1.....	.05	.40	3.00	.....
PEAR, French. ....1 year, No. 1.....25	2.00
" "1 year, No. 2.....20	1.50
QUINCE. For Dwarf Pear. ....1 year, No. 1.....25	2.00
ROSE CANINA. (Dogrose.) ....1 year, No. 1.....25	2.25
ROSE MANETTI. ....1 year, No. 1.....25	2.00

CUTTINGS.—ABOUT TEN INCHES LONG.

	100	1000
CALIFORNIA PRIVET. ....	.25	2.00
AMOR RIVER PRIVET. ....	.50	4.00
GOLDEN WILLOWS. ....	.20	1.50
CAROLINA POPLAR. ....	.25	2.00
SILVER POPLAR. ....	.25	2.00
CUTTINGS. Postpaid by mail, one variety except Amoor River Privet.....	.35	2.75
AMOR PRIVET, By mail.....	.60	4.50

SEEDLINGS WHICH CAN BE SENT BY MAIL. WE PAY POSTAGE.

	1	10	100	1000	1	10	100	1000	
ASH. 4 to 8 inch.....	...	...	.20	1.75	MAPLE. Hard or Sugar. 12-18 inch.....	...	...	.20	1.20
ASH. 8 to 12 inch.....	...	...	.30	2.60	MAPLE. Norway. 18 to 24 inch.....	.08	.55	3.75	.....
BEECH. European. 12 to 18 inch.....	.05	.30	3.00	.....	MAPLE. Soft or Silver. 4 to 8 inch.....	...	...	.25	1.75
BEECH. Bloodleaf. 12 to 18 inch.....	.15	1.40	12.00	.....	MAPLE. Soft or Silver. 8 to 12 inch.....	...	...	.30	2.75
BLACK LOCUST. 4 to 8 inch.....	...	...	.20	1.50	MOUNTAIN ASH. 18 to 24 inch.....	.08	.55	3.75	.....
BLACK LOCUST. 8 to 12 inch.....	...	...	.30	2.10	OSAGE ORANGE. 4 to 8 inch.....	...	...	.20	1.70
BLACK WALNUT. 8 to 12 inch.....	.15	1.20	.....	.....	OSAGE ORANGE. 8 to 12 inch.....	...	...	.30	2.50
BOX ELDER. 4 to 8 inch.....	...	...	.20	1.40	PIN OAK. 8 to 12 inch.....	.05	.35	2.75	.....
BOX ELDER. 8 to 12 inch.....	...	...	.30	1.80	RED OAK. 8 to 12 inch.....	.05	.45	3.25	.....
BUTTERNUTS. 8 to 12 inch.....	.35	2.30	.....	.....	RUSSIAN MULBERRY. 4 to 8 inch.....	...	...	.25	1.60
CATALPA SPECIOSA. 4 to 8 inch.....	...	...	.20	1.50	RUSSIAN MULBERRY. 8 to 12 inch.....	...	...	.35	2.50
CATALPA SPECIOSA. 8 to 12 inch.....	...	...	.25	1.80	RUSSIAN OLIVE. 8 to 12 inch.....	.05	.25	2.80	.....
GOLDEN WILLOW. 1 to 2 feet.....	.07	.50	3.25	.....	SYCAMORE. 12 to 18 inch.....	...	...	.30	1.40
HACKBERRY. 8 to 12 inch.....	.15	1.00	8.00	.....	WHITE BIRCH. 12 to 18 inch.....	.08	.35	3.75	.....
HONEY LOCUST. 4 to 8 inch.....	...	...	.20	1.65	WHITE ELM. 4 to 8 inch.....	...	...	.20	1.65
HONEY LOCUST. 8 to 12 inch.....	...	...	.30	2.40	WHITE ELM. 8 to 12 inch.....	...	...	.25	2.25
HORSE CHESTNUT. 12 to 15 inch.....	.05	.45	3.25	.....	THORNLESS HONEY LOCUST, 4-8 in. ....	...	...	.65	3.90
LINDEN. German. 18 to 24 inch.....	.08	.55	3.75	.....	THORNLESS HONEY LOCUST. 8-12 in. ....	...	...	.85	5.75
LINDEN. American. 12 to 18 inch.....	.06	.30	2.50	.....				

ORNAMENTAL AND SHADE TREES.

On this and several pages following we give a list of trees that are hardy and can endure the dry weather of the West. All these trees have been raised in the nursery, are well pruned and have good bodies and tops. All have been transplanted once and have therefore good roots. Our prices are so low that anyone can afford to beautify his home. For one year seedlings of these varieties see pages 28 and 29. Should you need a plan for your home grounds, write us.



Catalpa Bungei.

ASH. American White. (*Fraxinus Americana*.) A rapid growing, native tree, of fine symmetrical outline. A valuable street or park tree. Timber is largely used in the manufacture of agricultural implements, railway cars, etc.

Price of White Ash Trees.

	Per 1	Per 10	Per 100
3 to 4 feet trees, nice, well pruned.....	\$0.10	\$ 0.85	\$ 7.00
4 to 5 feet trees, nice, well pruned.....	.14	1.10	10.00
5 to 6 feet trees, nice, well pruned.....	.20	1.85	15.00
6 to 8 feet trees, nice, well pruned.....	.35	3.25	27.50
8 to 10 feet trees, nice, well pruned.....	.65	5.50	47.50
10 to 12 feet trees, nice, well pruned.....	1.25	11.00	100.00

MOUNTAIN ASH. European. (*Sorbus Aucuparia*.) A hardy tree of medium size, erect stem, smooth bark; head is very dense and regular; covered from July until winter with large clusters of scarlet berries. A fine lawn tree.

Price, 4 to 5 feet trees, 30c each; 10 for \$2.50. 5 to 6 feet trees, 40c each; 10 for \$3.50. 6 to 8 feet trees, 60c each; 10 for \$5.00.

OAK-LEAVED MOUNTAIN ASH. A hardy tree of fine pyramidal habit. Height and breadth from 20 to 30 feet. Foliage simple and deeply lobed, bright green above and downy beneath. One of the finest lawn trees. **Price,** 4-5 ft., 25c ea.; 10 for \$2.00. 5-6 ft., ea. 35c; 10 for \$3.

BECHTEL'S DOUBLE-FLOWERING CRAB. (*Pyrus Coronaria*.) One of the most beautiful of the many varieties of flowering crabs. Tree of medium size, covered in early spring with large, beautiful, double, fragrant flowers of a delicate pink color. From a distance the flowers have the appearance of small roses. Tree blooms quite young. **Price,** 2½-3 ft., 40c ea.

PURPLE BEECH, RIVERS. (*Fagus Sylvatica Riversi*.) One of the most attractive ornamental trees for lawn or park plantings. Very hardy and rarely subjected to insect ravages. Thrives in almost any soil, preferring a sandy loam and a half-shady position. Leaves large, smooth, very dark purple. The best purple leaved lawn tree known, making fine large specimens. **Price,** 4 to 5 feet, \$1.25 each.

BIRCH, EUROPEAN. (*Betula Alba*.) A graceful tree with silvery bark and slender branches. Quite erect when young, but after four or five years' growth assumes an elegant drooping habit, rendering the tree very effective in landscapes. Its beautiful bark, together with neat foliage and graceful growth make this tree very desirable.

Price, 5 to 6 feet trees 50c each; \$4.50 per 10; \$42.50 per 100.

BOX ELDER. Ash Leafed Maple. (*Acer Negundo*.) A small native tree, maple-like in its seeds and ash-like in its foliage. Of spreading habit, rapid growth, very hardy, desirable for street planting, and succeeds in many places where other varieties do not thrive.

Price of Box Elder Trees:

	Per 1	Per 10	Per 100
3 to 4 feet, well pruned trees.....	\$0.08	\$0.70	\$ 7.00
4 to 5 feet, well pruned trees.....	.12	1.00	9.00
5 to 6 feet, well pruned trees.....	.20	1.75	14.00
6 to 8 feet, well pruned trees.....	.30	2.75	22.00
8 to 10 feet, well pruned trees.....	.65	5.50	47.50
10 to 12 feet, well pruned trees.....	1.25	10.00	

CATALPA BUNGEI. (Chinese Catalpa.) A curious dwarf form only 3 to 4 feet high and twice as broad. It is very useful in formal work when grafted on stems 5 to 8 feet high, forming a pretty, dome shaped head of large, soft, heavy leaves. The flowers are borne in large clusters a foot long, the leaves are laid with shingle-like precision. Hardy, strong growing, unique. An elegant ornamental tree for the lawn, for parks and cemeteries.

Price, 6 to 8 feet trees, with strong, well-shaped crowns, each \$1.00; 10 for \$9.00.

CATALPA SPECIOSA. Hardy Catalpa. An effective tropical looking lawn tree with very broad, large leaves and fragrant, purplish-white blossoms of pyramidal clusters, often a foot long. There are few trees that have been more extensively planted for commercial plantations in the middle west and the eastern states. It is hardy, grows rapidly on prairies, resists drought remarkably well, and has hardly any insect enemies. As a post timber it ranks with the Black Locust and Osage. Experiments have left no doubt as to its resistency to decay. Without doubt for fence post wood it has no equal, and in view of the fact that it can be grown so easily it ought not to require much argument to cause farmers to plant Catalpa wherever it will grow.

Price of Catalpa Speciosa.

	Per 1	Per 10	Per 100
3 to 4 ft., nice trees.....	\$0.10	\$0.75	\$ 5.00
4 to 5 ft., nice trees.....	.12	1.00	9.00
5 to 6 ft., nice trees.....	.20	1.75	14.00
6 to 8 ft., nice trees.....	.30	2.75	25.00
8 to 10 ft., nice trees.....	.60	5.50	50.00
10 to 12 ft., 1½ inch caliper, each \$1.00; 10 for \$9.00.			
10 to 12 ft., caliper 2 inch and over, each \$1.50; 10 for \$13.00.			

DOUBLE FLOWERING PLUM. (*Prunus Triloba*.) A charming shrub or small tree, of spreading, vigorous growth. Very early in spring before its leaves appear the whole tree is decked in a fleecy cloud of very double, light pink blossoms. A beautiful lawn tree.

Price, 3 to 5 feet, 40c each; 10 for \$3.50.



Catalpa Speciosa.

ORNAMENTAL AND SHADE TREES.—Continued.



Norway Maple. (Page 33.)

WILD BLACK CHERRY. (*Cerasus Serotina*.) Valuable either as an ornamental or timber tree, and is one of the most beautiful natives. It is a strong, straight tree, with dark brown bark, dark green foliage, which retains its color and it is one of the last to lose its leaves. The flowers are borne in long, loose racemes, and are followed by purple black fruit, ripening in late summer. It is most used in forestry planting.

Price, 5 to 6 feet trees, 30c each; 10 for \$2.50.

BLACK OR YELLOW LOCUST. (*Robinia Pseudacacia*.) A large native tree of rapid growth, valuable for shade as well as quite ornamental. The yellowish-white flowers are in long pendulous racemes and appear in June. The wood is very valuable for posts, growing quicker to a given size than any other hard wood tree. The timber is of very best quality and for posts outlasts, with a few exceptions, all other sorts. The Forestry Division of the Agricultural Department at Washington recommend the Black Locust for timber plantations for Oklahoma, Texas, New Mexico, Kansas and Nebraska.

Prices of the Black or Yellow Locust will be found in the following table of prices:



Purple Beech. (See Page 30.)

Price of Black Locust:

	Per 1	Per 10	Per 100
3 to 4 feet, well pruned trees.....	\$0.05	\$0.40	\$ 3.50
4 to 5 feet, well pruned trees.....	.10	.80	7.00
5 to 7 feet, well pruned trees.....	.18	1.50	13.00
7 to 8 feet, well pruned trees.....	.35	3.25	28.00
8 to 10 feet, well pruned trees.....	.50	4.50	40.00

HONEY LOCUST. (*Gleditsia Triacanthos*.) This is an ornamental native tree of more than ordinary value. Its branches are spreading, forming a broad, rather loose head. The branches and trunk are covered with strong thorns. Its foliage is finely compound, giving a soft and beautiful appearance, light green in the spring and summer, turning to a clear yellow in the fall. Is of rapid growth, stands pruning well and is often used for a hedge, its thorns make it almost impenetrable. Price, all well pruned trees: 3 to 4 feet, 10c each; 10 for 75c; 100 for \$6.00. 4 to 5 feet, 15c each; 10 for \$1.25; 100 for \$10.00. 5 to 7 feet, 20c each; 10 for \$1.75; 100 for \$15.00. 7 to 8 feet, 40c each; 10 for \$3.50; 100 for \$32.50. 8 to 10 ft., 75c ea; 10 for \$7.00; 100 for \$65.00.

HACKBERRY. (*Celtis Occidentalis*.) Also called American Nettle Tree. A rare native tree with numerous slender branches which spread horizontally, and thick, rough bark; apple-like foliage, but more pointed and a bright, shiny green. A very desirable tree for street planting.

Price, nice, well pruned trees: 4 to 5 feet, 10c each; 10 for 90c; 100 for \$8.00. 5 to 6 feet, 15c each; 10 for \$1.30; 100 for \$12.00. 6 to 8 feet, 25c each; 10 for \$2.25; 100 for \$20.00. 8 to 10 feet, 50c each; 10 for \$4.50; 100 for \$40.00. 10 to 12 feet, 75c each; 10 for \$7.00.

HORSE CHESTNUT. (*Castanea*.) White flowering. A fine large tree of compact outline, dense dark green foliage. In June the tree bears in greatest profusion large panicles of white flowers, tinged with red. Very pretty for street or lawn.

Price, 4 to 5 feet, 50c each; 10 for \$4.50; 5 to 6 feet, 75c each; 10 for \$6.50.

ELM. American White. (*Ulmus Americana*.) A noble native tree of large size, wide, spreading head and graceful drooping branches. Easy to transplant; a hardy grower. One of the grandest park and street trees. Hardy everywhere.

Price, nice well pruned trees:

	Per 1	Per 10	Per 100
3 to 4 feet,	\$0.08	\$0.60	\$ 5.00
4 to 5 feet, .....	.14	1.20	8.00
5 to 6 feet, .....	.20	1.50	12.00
6 to 8 feet, .....	.30	2.50	22.00
8 to 10 feet, .....	.50	4.50	42.00
10 to 12 feet,	1.00		

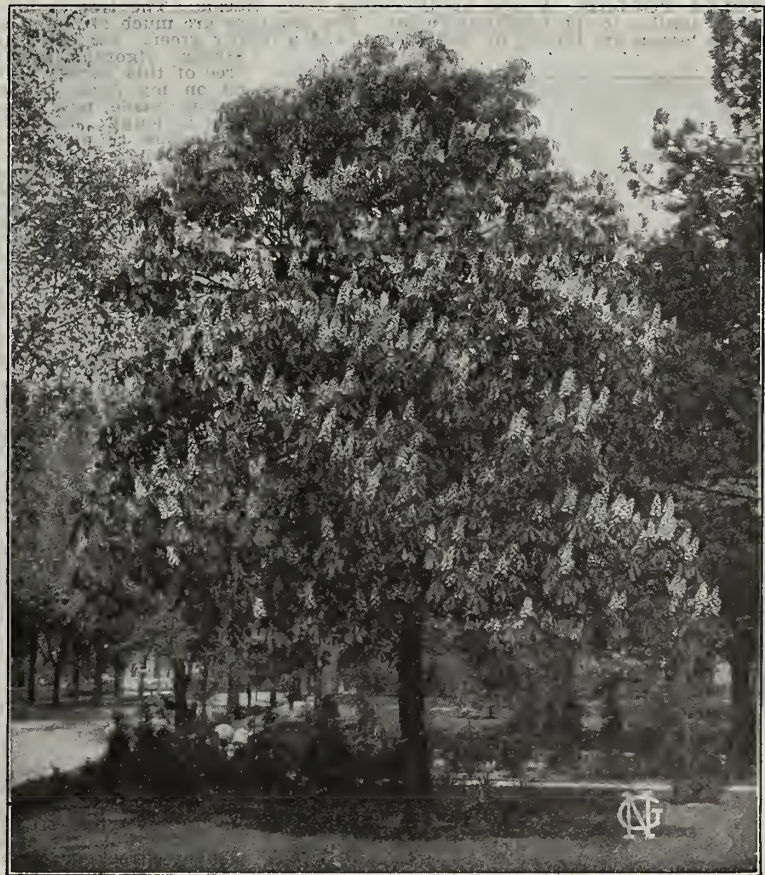
PIN OAK. (*Quercus Palustris*.) An upright, vigorous growing variety, forming a stately, round topped tree, with long, slightly pendulous branches. The dark green, deeply cut foliage turns to brilliant yellow and crimson shades in autumn, forming one of the best of our fall colored trees. Transplants the easiest of all oaks, and is one of our very finest lawn trees and desirable avenue tree.

Price, 5 to 6 ft., 65c each; 10 for \$6.00. 6 to 8 ft., 90c each; 10 for \$8.00.

Guthrie, Okla., 5-21, 1912.

The trees received from you are the finest I ever saw. Every tree is growing in fine shape.

A. T. BUENTING.



Horse Chestnut.

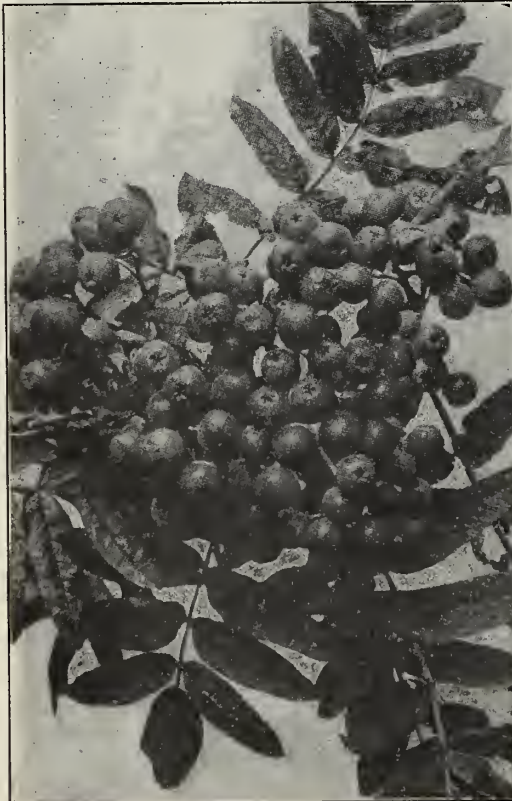
ORNAMENTAL AND SHADE TREES.—Continued.



Oriental Sycamore.

white below. Hardy everywhere. Of great value in farm and private forestry. Price, 3 to 4 feet, 10c each; 10 for 90c; 100 for \$8.00. 4 to 5 feet, 15c each; 10 for \$1.25. 5 to 6 feet 20c each; 10 for \$1.75.

VOLGA POPLAR. A new hardy Poplar from Russia. The tree is an upright grower, similar to the Lombard Poplar. The branches are much stronger, however, and the leaves are larger, of better form and a deeper green. Perfectly hardy, of strong, vigorous growth. A tree of this variety transplanted on my home grounds last spring made new shoots five feet in length. We advise our customers to plant the Volga Poplar where the Carolina Poplar does not succeed well. The picture of the Volga Poplar shown on this page was taken in my own garden. The tree was planted Spring, 1910, a 4-5 foot whip. Picture was taken in July 1912. It then measured 4½ inches in diameter and was 17½ feet high. Perfectly hardy, even in Minnesota or South Dakota.



Mountain Ash. See Page 30.

CAROLINA POPLAR. (*Populus Carolinensis.*) One of the most rapid growing trees, with large, handsome, glossy, deep green leaves. Succeeds everywhere; especially adapted to cities, where it makes unusually fast growth and resists smoke and gas. Pyramidal in form, making a spreading head and dense shade when properly trimmed. It is unexcelled for quick growth and effect; makes a splendid windbreak or screen. It is used in larger numbers for street planting than any other tree.

Price of Carolina Poplar.

	Per 1	Per 10	Per 100	Per 1000
2 to 3 feet whips	\$0.03	\$0.25	\$ 2.00	\$18.00
3 to 4 feet whips .....	.05	.40	3.00	27.00
4 to 5 feet whips .....	.07	.60	5.00	45.00
5 to 6 feet, branched, nice trees.....	.10	.90	8.00	
6 to 8 feet, branched, nice trees.....	.20	1.75	15.00	
8 to 10 feet, branched, nice trees.....	.40	3.50	28.00	
10 to 12 feet, branched, nice trees.....	.75	7.00		

NORWAY POPLAR. Sudden Saw Log. (*Populus.*) A very distinct tree in habit of growing and making a straight, upright, somewhat pyramidal head. The foliage is large, thickly borne, bright and glossy. It grows rapidly in almost every soil, and yet it possesses strength and durability which most of the poplars lack. For city planting it is superior to most of the other Poplars as it withstands the effect of smoke and dust much better. These same elements make the Norway Poplar a superior tree for planting in the shelter of forest plantations. It is claimed that this tree will mature a log 2 feet in diameter in 16 years, making a quicker growth than any other tree adapted for the middle or northern states.

Price of Norway Poplar:

	Per 1	Per 10	Per 100
3 to 4 feet, mostly whips.....	\$0.07	\$0.50	\$ 4.00
4 to 5 feet, mostly whips.....	.12	1.00	8.00
5 to 6 feet, well pruned trees.....	.15	1.25	10.00
6 to 8 feet, well pruned trees.....	.30	2.75	25.00

GOLDEN POPLAR. (*Populus Aurea.*) Fine golden foliage, retaining its brilliancy throughout the season. The foliage will stay a golden color while the Golden Elm will turn green in a few years. To produce a fine color effect among a cluster of green leaved trees, the Golden Poplar is the best tree we know of. A vigorous grower and hardy everywhere.

Price, 4 to 5 feet, 25c each; 10 for \$2.00; 5 to 6 feet, 30c each; 10 for \$2.50; 6 to 8 feet, 40c each; 10 for \$3.50.

SILVER POPLAR. (*Populus Alba.*) Quick growing tree with spreading outline, leaves dark, glossy green above and silvery below. Perfectly hardy, of strong, vigorous growth. A tree of this variety transplanted on my home grounds last spring made new shoots five feet in length. We advise our customers to plant the Volga Poplar where the Carolina Poplar does not succeed well.

The picture of the Volga Poplar shown on this page was taken in my own garden. The tree was planted Spring, 1910, a 4-5 foot whip. Picture was taken in July 1912. It then measured 4½ inches in diameter and was 17½ feet high. Perfectly hardy, even in Minnesota or South Dakota.

Price, 5 to 6 feet, nice well formed trees, 25c each; 10 for \$2.00. 6 to 8 feet, 35c each; 10 for \$3.25.

ORIENTAL SYCAMORE OR PLANE TREE. (*Platanus Orientalis.*) This is a rapid grower, broad topped with large leaves, producing the finest headed tree in our list. Is especially adapted for street planting in smoky cities. Said to be the only tree that survives the atmosphere of London. A prettier and a much healthier tree than the American Sycamore. Is entirely free from fungus diseases and is not attacked by worms and insects.

Price, 3 to 4 ft. trees, 20c ea; 10 for \$1.80. 4 to 5 ft, 30c ea.; 10 for \$2.80. 5 to 6 ft, 45c ea.; 10 for \$4.00.

SYCAMORE. (*Platanus.*) A noble tree with spacious head, large deep green foliage. A rapid, upright, free grower, very desirable for shade. Excellent street or park tree.

Price, 6-8 ft, ca. 40c; 10 for \$3.50. 5-6 ft, ea. 25c; 10 for \$2.



Volga Poplar.

ORNAMENTAL AND SHADE TREES.

Continued.

OTHELLO PLUM. A very desirable ornamental tree with fine purple leaves. When the leaves first come out they are almost red, slowly turning to a deep purple. Can be planted in quantity for contrast, or as a single specimen tree. Much hardier and fully as pretty as the old *Prunus Pissardi*.

Price, 3 to 4 feet trees, 40c each; 10 for \$3.50.

CISTENA PURPLE PLUM. Originated by Prof. Hanson of Brookings, S. D. Leaves are reddish purple, holding the color well. A grand ornamental tree and while the fruit is small, it is of good quality. Perfectly hardy. For the northern states this is the best purple leaf ornamental tree.

Price, 3 to 4 ft, 40c each; 10 for \$3.00. 4 to 5 ft, 50c each; 10 for \$4.00.

SCOTCH GOLDEN CHAIN. (*Laburnum*.) A very ornamental tree of irregular shape with smooth, shining foliage. Its bright yellow pea shaped blossoms are produced in long clusters. A very beautiful and very hardy tree for the lawn which deserves to be more generally planted.

Price, 3 to 4 feet trees, 50c each; 10 for \$4.50.

RED BUD. Judas Tree. (*Cercis Canadensis*.) A very ornamental native tree of medium size, with perfect heart shaped leaves and hardy even in Canada. Blooms early in the spring, before the leaves appear, covering the branches with small reddish-purple flowers.

Price, 5 to 6 ft. trees, 30c ea.; 10 for \$2.75. 4 to 5 ft., 25c ea.; 10 for \$2.25.

NORWAY MAPLE. (*Acer Platanoides*.) One of the most beautiful and desirable trees known. Of large size, perfect outline, with deep green foliage, which turns a pale yellow in autumn. One of the most desirable trees for street, park or garden.

Price, 5 to 6 feet trees, 40c each; 10 for \$3.50; 6 to 8 feet trees, 55c each; 10 for \$4.50; 8 to 10 feet trees, 75c each; 10 for \$7.00.

SOFT OR SILVER LEAF MAPLE. (*Acer Dasyarpum*.) Of rapid growth, large size, foliage of bright green above and white below. Hardy everywhere, easily transplanted. Where immediate effect or shade is wanted it is one of the best. Largest used for street or park planting. Do not confound this tree with the *Silver Poplar*, which has a very dark leaf above, while below it is silvery white.

Price of Soft Maple: Per 1 Per 10 Per 100

3 to 4 feet, well pruned trees.....	\$0.10	\$0.60	\$ 4.00
4 to 5 feet, well pruned trees.....	.12	.85	6.00
5 to 6 feet, well pruned trees.....	.15	1.35	10.00
6 to 8 feet, well pruned trees.....	.30	2.75	25.00
8 to 10 feet, well pruned trees.....	.60	5.00	45.00
10 to 12 feet, nice, well pruned trees, \$1.00 each.			

SUGAR OR ROCK MAPLE. (*Acer Saccharum*.) A popular American tree of pyramidal form. The foliage is large and handsome, and of rich pleasing green, turning to orange yellow and red in autumn. Its upright habit of growth, dense shade and adaptability to different soils has rendered it one of the most extensively used. Valuable for sugar and timber.

Price, 5 to 6 feet trees, 45c each; 10 for \$4.00. 6 to 8 feet, 75c each; 10 for \$7.00. 8 to 10 feet, \$1.00 each.

WIERS'S CUT-LEAVED SILVER MAPLE. (*Acer Laciniatum*.) One of the most remarkable and beautiful trees, with cut or dissected foliage. Its growth is rapid, shoots slender and drooping, giving it a habit almost as graceful as the cut-leaved Birch. The foliage is abundant, silvery underneath. The leaf stalks are long and tinged with red on the upper surface. It ranks among the most interesting and attractive trees.



Cut Leaf Weeping Birch. Page 34.

Price, 5 to 6 feet trees, 35c ea.; 10 for \$3.00.

EUROPEAN LINDEN. (*Tilia Europea*.) A very pyramidal tree with large leaves and fragrant flowers. A valuable tree for street and lawn planting, developing into beautiful specimens. Extensively planted for ornamental purposes and for bee culture. Rapid growth, not particular as to soil.

Price, 6 to 8 ft. trees, ea. 65c; 10 for \$6.00. 5 to 6 ft. trees, ea. 45c; 10 for \$4.00.

AMERICAN LINDEN. Basswood. (*Tilia Americana*.) Similar to the German Linden. Has large leaves, but does not make as good a crown as the German Linden. Both are excellent street trees.

Price, 6 to 8 ft. trees, ea. 55c; 10 for \$5.00. 5 to 6 ft. trees, each 40c; 10 for \$3.50.

MAGNOLIA ACUMINATA. Cucumber Magnolia. Pyramidal tree attaining 60 to 90 feet in height. Flowers yellow, tinted with bluish-purple; fruit when green resembles the cucumber, hence the name. Very hardy.

Price, 5 to 6 ft., 50c each; 10 for \$4.00.

RUSSIAN OLIVE. (*Elaeagnus*.) This makes a beautiful lawn tree, with its silvery foliage and nearly black, shining bark. The blossoms have a wonderful fragrance. The exquisite perfumes are carried long distances in the air. Is perfectly hardy even as far north as Canada. See under Plants for hedges and screens.

Price 5 to 6 feet trees, 40c ea.; 10 for \$3.50.



Golden Willow. (Page 34.)



Camperdown Weeping Elm.

tree is similar to above, but flowers are snowy white.

SIBERIAN PEA TREE. (Caragana.) An extremely hardy shrub or low tree, originally from Siberia. Is valuable for an ornamental tree, especially in the northern states. The branches have small sharp thorns. It bears beautiful yellow flowers; its seeds are said to be valuable for poultry and culinary uses. Its leaves furnish a blue dye, and they resemble the leaves of the Locust somewhat. Will grow anywhere and we especially recommend it for the North, as it is perfectly hardy, even in Canada. Price for Siberian Pea Tree, small plants suitable for hedges, see page 35.

Price, 3 to 5 feet trees, 35c each; 10 for \$3.00; 100 for \$27.50.

ORNAMENTAL SHRUBS.—Continued.

LOMBARDY, OR ITALIAN POPLAR. Of obelisk form, growing rapidly to 150 feet. Forms striking lawn groups; is much used at Newport for tall screen hedges. Always makes a striking feature in any landscape. Should not be planted in Nebraska, as they cannot stand our dry hot spells of weather.

Price, 5 to 6 feet trees, 20c each; 10 for \$1.60.

GOLDEN WILLOW. (Salix Aurea.) An exceedingly showy and pretty variety, with bark of bright golden color, making it very conspicuous during the winter. The catkins also are of yellow color. A handsome tree at all seasons.

Price, 5 to 6 feet, branched, each 10c; 10 for 90c; 100 for \$8.00. 6 to 8 feet, branched, each 25c; 10 for \$2.25; 100 for \$20.00.

LAUREL-LEAVED WILLOW. A beautiful, distinct, medium-sized tree, 8 to 20 feet high, with shining, laurel-like leaves that make it very conspicuous in sunshine. Can be clipped into form like a bay tree; has bright green bark; is beautiful the year round. This tree does well in Nebraska; stood our severe winter of last year without being injured at all.

Price, 3 to 5 feet trees, 15c each; 10 for \$1.25; 100 for \$10.00.

PAUL'S DOUBLE FLOWERING THORN. (Crataegus.) A beautiful small tree with spreading spiny branches. Very hardy, and will thrive everywhere, even in dry soil. The pretty flowers are bright scarlet, very showy and double. Should be planted freely. Price, 3 to 4 feet trees, each 40c; 10 for \$3.50.

DOUBLE WHITE FLOWERING THORN. (Crataegus.) The Price, 3 to 4 feet trees, each 40c; 10 for \$3.50.

WEEPING DECIDUOUS TREES.

The trees form objects of great beauty when planted as single specimens on lawns, in the front yard, and especially when used for cemetery decorations. Also of great value for covering arbors. All are invaluable for the variety they add to landscape and garden. Our list embraces the best varieties. We have a landscape architect.

TEAS' WEEPING MULBERRY. (Morus.) The most graceful hardy weeping tree in existence. Forms a perfect umbrella-shaped head, with long slender, willowy branches drooping to the ground. It has beautiful foliage, is wonderfully vigorous and healthy; is one of the hardiest, enduring the cold of the North and the heat of the South; safe and easy to transplant, admirably adapted for ornamental, small or large grounds or for cemetery planting. Fine, strong trees, grafted 6 to 7 feet high. Price, \$1.00 each.

WEeping MOUNTAIN ASH. (Sorbus.) One of the best known and most popular weeping trees. It is of easy culture, great hardiness and thrives in all soils. Its straggling branches, twisting and turning in every direction, with no training whatever, make a most picturesque and novel sight. Covered during the autumn with bright red berries. It is the best tree for the North of the extremely pendulous type. A splendid lawn tree. Grafted 6 feet high. Price, 80c each.

WEeping ASH. (Fraxinus.) Grows very rapid and vigorous, with pendant or drooping branches, spreading over wide spaces. Will form a fine arbor if a little care is used in trimming and training the branches. Very hardy everywhere, adapting itself readily to a great variety of soils, and is easily transplanted. One of the finest lawn trees, making a picturesque effect. Grafted 6 feet high. Price, \$1.00 each.

CUT LEAF WEEPING BIRCH. (Betula.) This magnificent tree is, without a question, the most popular and the most planted of all pendulous or so called weeping trees. It is a tall, slender tree, yet with vigorous growth. It has an erect central trunk, somewhat pyramidal in shape, with graceful, drooping branches and glistening silvery white bark. The foliage is fine, thin, deeply and delicately cut, and of a beautiful shade of green. The whole tree presents a soft and delightful effect not found in any other hardy ornamental tree. Price, 5 to 6 feet trees, 80c each. 6 to 8 feet trees, \$1.00 each.

CAMPERDOWN WEEPING ELM. Its vigorous branches, which have a uniform habit, over-lap so regularly that a compact, roof-like head is formed. Leaves are large, and a rich glossy dark green. Tree a strong, vigorous grower. One of the best weeping trees. It can be trained to form an arbor if desired. The peculiar characteristics of this tree make it very popular and valuable for the lawn. Hardy everywhere and not particular as to soil. With age the weeping branches will eventually sweep the ground, and enclose a shady place as effectively as an arbor. This tree thrives splendidly in our state. Grafted 6 feet high.

Price, \$1.15 each.

AMERICAN PURPLE WEEPING WILLOW. (Salix.) Also called Fountain Willow. An American species of dwarf habit with slender graceful branches. Forms a fine round head, sweeping outward in fountain shape. Makes one of the most ornamental of small weeping trees. Very hardy, of quick growth.

Price, 5 to 6 feet trees, 75c each.

KILMARNOCK WEEPING WILLOW. (Salix.) It forms without any trimming, an exceedingly graceful tree with large glossy foliage and perfect umbrella-shaped head; unique in form. Grows vigorous and will thrive in any soil; does not make a large high tree. One of the finest of this class of trees; especially suited for lawn and for cemetery planting. Not hardy north of here. Grafted 5 to 6 feet high. Price, 75c each.

BABYLONIAN WEEPING WILLOW. Napoleon's Widow. (Salix.) A well known tree of pendulous or weeping habit, with long slender olive green branches. Forms a large tree of very graceful habit. Its fresh, bright green tint and long wavy branches make it very attractive. Very hardy, of quick growth, adapted to a variety of soils, easily transplanted, used to great advantage in landscape effects. Excellent for parks, etc. The accompanying illustration shows what beautiful landscape effects may be obtained with this tree. Price, 4 to 5 feet trees, 20c each; 10 for \$1.50. 5 to 6 feet trees, 25c each; 10 for \$2.00.



Babylonian Weeping Willow.

PLANTS FOR HEDGES AND SCREENS.

A hedge to be pretty and effective, must be very dense and well pruned. It is best to plant one year seedlings. The thorny varieties that are used to turn horses, cattle and hogs should be planted 8 inches apart, which will make three for every two feet. The ornamental varieties may be planted 12 or 18 inches apart. Cut plants back the first year two or three inches, second year 10 or 15 inches, the third year to 24 inches.



Amoor River Privet.

Two year old Hedge which came through last winter without freezing back.

AMOO RIVER PRIVET. Hardy. Foliage glossy green and holds its color well almost the entire year. Will stand shearing to any extent. Where the California Privet is not hardy, the Amoor Privet should be planted. In my garden I have an Amoor Privet hedge 300 feet long and it came through last winter with 25 degrees below zero, perfectly sound and bloomed fine, while California Privet froze clear to the ground. I recommend this Privet for all the states north of Missouri. It costs a little more, but will stand your climate and will be perfectly satisfactory.

Price, 12 to 18 inch plants, 7c each; 10 for 65c; 100 for \$5.00; 1000 for \$47.00. 18 to 24 inch plants, 10c each; 10 for 80c; 100 for \$6.50; 1000 for \$65.00.

RUSSIAN OLIVE. Full description see page 33. It is well adapted for a hedge, and is perfectly hardy anywhere. Should be well pruned every year. I know this hedge will please you.

Price, 8 to 12 inch seedlings, \$1.50 per 100; \$13.00 per 1000. 12 to 18 inch seedlings, \$2.00 per 100; \$18.00 per 1000.

RUSSIAN MULBERRY. Is well adapted for hedges or screens. Must be pruned often. See full description and price list on page 19.

LILACS. These make a very attractive hedge. See description on page 40. Plants about 12 to 15 inches high, \$10.00 per 100.

SPIREA VAN HOUTTI. This is the best plant for an ornamental hedge that we know. See description on page 41. Plants for hedges should be set 18 inches apart. 12 inch plants suitable for hedges, \$12.00 per 100.

SPIREA THUNBERGII. Makes a very dense and pretty hedge-fence, not over 3 feet high. See description on page 41. Price, 12 to 18 inches, \$5.00 per 100.

SIBERIAN PEA TREE. (Caragana.) Full description on page 34. Is perfectly hardy, even in Canada, and especially adapted for an ornamental hedge. Stands shearing well and grows very dense, never looks coarse and on account of its hardness can be planted anywhere.

Price, 18 to 24 inch seedlings, 10c each; 10 for 65c; 100 for \$5.00. By mail postpaid 10c each.

CITRUS TRIFOLIATA. Trifoliata Orange. A small tree armed with very strong, stiff thorns one and one-half to two inches long; producing fruit of a golden yellow color somewhat larger than a walnut, pulp dry, sour and very bitter. May be used for preserves or marmalade. For hedges it has few equals. Nothing can penetrate it and it never suckers. As a stock for oranges to be grown in tubs it is superior to all others and it is said to exert a decided influence on making the edible types of oranges more hardy and also causes the fruit to mature earlier. I recommend this plant for Texas, Oklahoma, New Mexico, Arizona, California and all the southern states, wherever the thermometer does not go below zero.

Price, 18 to 24 inch, 6c each; 10 for 50c; 100 for \$4.00. Postpaid 10c each; 10 for 80c.

EVERGREEN DECIDUOUS TREES.

BOXUS. Box. B. SEMPERVIRENS. Tree box. A beautiful evergreen shrub of rather slow growth, with small shining foliage. Familiar in old-fashioned gardens, indispensable in formal ones. It grows well in many soils and endures much pruning. Quite popular as a tub plant, for house and terrace decoration. Can be grown out doors in all Southern and middle states, but should be grown in tubs north of the middle of Kansas. We have Box trees in pyramidal and standard form, all well sheared, at following prices:

Standard Form, 2½ feet high, \$2.00 each.

Pyramidal Form, 2½ feet high, \$2.25 each.

Cordell, Okla., 4-17, 1912.

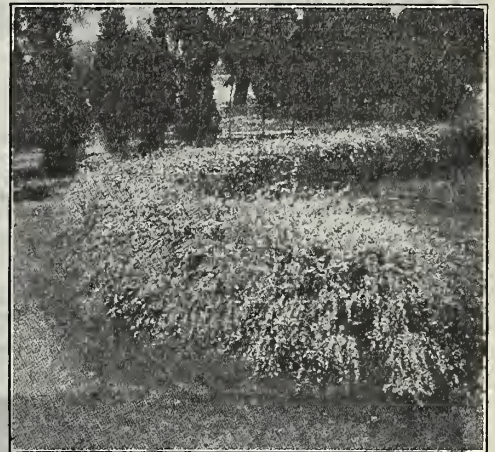
Bill of trees received in good condition and set out in orchard in good shape. Thanks for the nice trees. They are the best I ever received from any nursery for the money. I have gotten fine trees before, but had to pay a good deal more than for your trees.

R. B. HOOK.

Ozette, Wash., 5-17, 1912.

The trees I ordered from you came through all right, and as I had the ground all prepared, I put them in soon as they came. They are all leaved out in great shape now.

A. R. LEAKE.



Hedge of Spirea Van Houtti.



Box in Tree Form.



Pyramid Box Tree.

EVERGREENS OR CONIFERS.



The hardy coniferous evergreens are particularly valuable for use in all classes of ornamental planting in as much as they preserve their graceful foliage and rich coloring throughout the summer and winter, adding much to the charm of the landscape during that period when deciduous trees and shrubs are without foliage. The following evergreens are very hardy and particularly adapted to our western climate. Evergreens cannot be shipped before April 1st, and should always go by express. For short distance shipments we can pack them in boxes with other trees and send by freight, but on long distance shipments, it is best to send them by express, and we do so in all instances when an additional sum of 10 per cent of your order for evergreens is remitted, to cover extra express charges.

ARBOR VITAE. (*Thuja*.) A well known evergreen of great value; it forms an upright, conical tree of medium size and is, all things considered, the finest evergreen for screens, being hardy, and easily transplanted. It grows rapidly and with little care, and soon forms a beautiful hedge, very dense, and perfectly impervious to the sight. Are widely planted throughout the United States.

Price of Arbor Vitae:

	Per 1	Per 10	Per 100	Per 1000
4 to 6 inch, seedlings	\$0.05	\$0.15	\$ 1.50	\$12.00
6 to 10 inch, seedlings .....	.07	.30	2.75	25.00
10 to 12 inch, transplanted .....	.15	1.20	12.00	
18 to 24 inch, transplanted .....	.25	2.25	20.00	
2 to 3 feet, transplanted .....	.35	3.00	27.50	

BALSAM FIR. (*Abies Balsamea*.) Forms a slender spiral and very symmetrical pyramidal tree. It is one of the most rapid growing trees in the conifer group, and is extremely hardy. Foliage very dark green, needles soft, short, have a pleasant, aromatic fragrance. For lawn planting, either in groups, or as a specimen, it lends itself to a variety of uses.

Price of Balsam Fir:

	Per 1	Per 10	Per 100	Per 1000
6 to 10 inch, seedlings	\$0.05	\$0.35	\$ 3.50	\$27.50
8 to 12 inch, transplanted .....	.20	1.50	12.50	
12 to 18 inch, transplanted .....	.50	4.50		

BLUE SPRUCE. (*Picea Pungens*.) The Blue Spruce is the most beautiful of all conifers. Its silver foliage, glistening in the sunlight, makes it surpass in beauty any other evergreen. It is very hardy; a good grower; will withstand severe winters and excessive moisture, and is very easily transplanted. The Blue Spruce has no equal for lawn and cemetery use.

Price of Blue Spruce:

	Per 1	Per 10	Per 100	Per 1000
6 to 8 inch seedlings, blue and green as they run	\$0.07	\$0.50	\$4.00	\$35.00
8 to 10 inch, seedlings, blue and green as they run .....	.12	1.00	9.00	
12 to 18 inch, transplanted, selected blue....	1.00	7.50		
12 to 15 inch, Kosters grafted, perfect blue trees, with ball of dirt.....	1.50	12.50		
18 to 24 inch, transplanted, with ball of dirt, selected blue	2.50	20.00		
2 to 3 feet, transpl. with ball of dirt, selected blue	4.00			

BLACK HILL SPRUCE. (*Abies Douglasii*.) A beautiful, rapid growing tree, with nice dark green foliage. It is a splendid tree for lawn planting, and is used in all work where a particularly choice tree is required.

Price of Black Hill Spruce:

	1	10	100	1000
4 to 6 inch, seedlings	\$0.05	\$0.45	\$ 4.00	\$25.00
12 to 15 inch, transplanted .....	.30	2.75	24.00	
2 to 3 feet, transplanted	1.25	10.00		

NORWAY SPRUCE. (*Picea Excelsa*.) A lofty tree, of perfect pyramidal form, remarkably elegant and rich, and as it gets age, has fine pendulous branches; it is exceedingly picturesque and beautiful. Very popular and deservedly so. One of the best evergreens for hedges and windbreaks.

Price of Norway Spruce:

	1	10	100	1000
6 to 10 inch, seedlings	\$0.05	\$0.30	\$ 2.00	\$15.00
10 to 12 inch, transplanted .....	.10	.70	5.00	35.00
12 to 18 inch, transplanted .....	.15	1.30	12.00	
1 1/2 to 2 feet, transplanted.....	.25	2.00	17.00	
2 to 3 feet, transplanted .....	.30	2.50	22.00	

SCOTCH PINE. (*Pinus Sylvestris*.) A dense growing, broad, pyramidal tree with stout, erect shoots and pleasing silver-green foliage. One of the best ornamental forest trees. Grows luxuriantly in most soils.

Price of Scotch Pine:

	Per 1	Per 10	Per 100	Per 1000
6 to 10 inch, seedlings	\$0.05	\$0.30	\$ 2.00	\$15.00
10 to 18 inch, transplanted .....	.15	1.25	10.00	
18 to 24 inch, transplanted .....	.25	2.00	18.00	
2 to 3 feet, transplanted .....	.35	3.00	27.50	
3 to 4 feet, transplanted .....	.60	5.00		



Blue Spruce.

EVERGREENS OR CONIFERS.—Continued.

AUSTRIAN PINE. (*Pinus Austriaca*.) The Austrian or Black Pine is a stout branched tree of rapid growth; branches rather long in proportion to the trunk than most pines. The elegant whorls of branches are densely clothed with deep, blackish green foliage. It is one of the best pines for forming screens. Perfectly hardy and thrives well in dry soil and upon high bleak hills.

Price of Austrian Pine:		Per 1	Per 10	Per 100	Per 1000
6 to 10 inch, seedlings	.....	\$0.05	\$0.30	\$ 2.00	\$15.00
12 to 18 inch, transplanted	.....	.20	1.75	15.00	
18 to 24 inch, transplanted	.....	.25	2.00	18.00	
2 to 3 feet, transplanted	.....	.35	3.00		
3 to 4 feet, transplanted	.....	.60	5.00		

WHITE PINE. (*P. Strobus*.) The most ornamental of all our native Pines. A tall and very beautiful tree with regular whorls of horizontal branches, forming a pyramidal crown. Foliage light, delicate silvery green; will grow in the poorest of sandy soils; a long lived tree and rapid grower. The valuable Pine with a wide range of usefulness and adaptability both for commercial and ornamental purposes.

Price of White Pine:		Per 1	Per 10	Per 100	Per 1000
4 to 6 inch, seedlings	.....	\$0.05	\$0.30	\$ 2.00	\$15.00
8 to 10 inch, seedlings	.....	.10	.80	6.00	
12 to 18 inch, transplanted	.....	.20	1.80	16.00	
18 to 24 inch, transplanted	.....	.35	3.00		

JACK PINE. (*Pinus Divaricata*.) The most northern of all American Pines. Extremely hardy and vigorous, withstanding long droughts and hot dry winds. Of rather irregular growth. Foliage bright green; needles short and stiff.

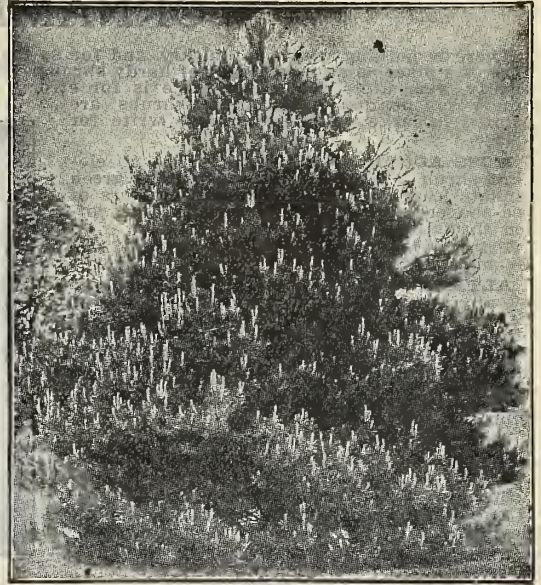
Price of Jack Pine:		Per 1	Per 10	Per 100	Per 1000
6 to 10 inch, seedlings	.....	\$0.05	\$0.30	\$ 1.75	\$12.00
12 to 15 inch, seedlings	.....	.10	.70	5.00	25.00
18 to 24 inch, transplanted	.....	.20	1.50	12.00	
2 to 3 feet, transplanted	.....	.25	2.20		
3 to 5 feet, transplanted	.....	.50	4.00		

IRISH JUNIPER. (*Juniperus*.) Forms a dense, close, columnar tree, 15 to 20 feet, in height. The branches are regular, very compact and densely covered with rich, deep green foliage. A pretty little tree and very useful in formal work. Succeeds best in well drained soils.

Price of Irish Juniper:		Per 1	Per 10	Per 100
6 to 10 inch, seedlings	.....	\$0.10	\$1.00	\$ 8.00
12 to 15 inch, transplanted	.....	.40	3.50	
2 to 3 feet, transplanted	.....	.75		

RED CEDAR. (*Juniperus*.) Our cedars are all raised from the seed gathered on the Platte River, in Nebraska. They are very pretty, of dark green color, and will not turn red or brown in the winter as the eastern Red Cedar. Being a native of Nebraska, they are exceedingly hardy, and will stand any amount of dry weather. The very best for windbreaks.

Price, 8 to 12 inch, transplanted, 12c each; 10 for \$1.10; 100 for \$10.00. 12 to 18 inch, transplanted, 18c each; 10 for \$1.75; 100 for \$15.00. 2 to 3 feet, transplanted, 40c each; 10 for \$3.50; 100 for \$32.00. 3 to 5 feet, transplanted, \$1.00 each; 10 for \$8.00.



Austrian Pine.

EUROPEAN LARCH. (*Larix Europea*.) An excellent, upright, rapid growing pyramidal-shaped tree, with drooping, slender branches; foliage light green, soft and graceful in the spring, turning to a golden yellow in the autumn before falling. Unlike most conifers, it is deciduous after the first year; perfectly hardy and thrives in nearly all situations. Makes a very handsome specimen for ornamental planting and very valuable for timber. The cones are small and grow upright on the branches.

Price, 12 to 18 inch, seedlings, 10c each; 10 for 75c; 100 for \$6.00. 2 to 3 feet, transplanted, 30c each; 10 for \$2.50. 3 to 4 feet, 50c each; 10 for \$4.50.



Balsam Fir. (Page 36.)

We Pay all Freight Charges

Not Express Charges.

We pay all Freight charges on orders for Trees and Plants (not Seeds) of \$10.00 or more, provided the full amount of the order is sent to us before we make shipment.

ORNAMENTAL SHRUBS.

There is nothing which so quickly, and for so little cost, adds so much to the beauty, cheerfulness and home-like appearance of a place as an assortment of hardy shrubs. They are permanent improvements which increases in size, value and beauty, year after year. Our price is for strong, healthy, field grown plants, 2 year old, and 2 to 3 feet high, unless otherwise mentioned. If these shrubs are wanted in large quantities, please write for prices.

MOSS ACACIA. (*Robinia Hispidia*.) An elegant shrub 2 to 3 feet tall, with light green pinnate leaves and long, graceful clusters of pea-shaped, rose-colored flowers in June, often throughout the summer.

Price, 2 to 3 feet, each 20c; 10 for \$1.75. By mail, 25c each.

ALTHEA. (Rose of Sharon.) Unsurpassed by any hardy shrub for freedom of bloom. From mid-summer until frost, when few other shrubs are in bloom, the Althea blossoms freely. Grows 4 to 6 feet tall. They have rich foliage and bear large flowers. Of the easiest culture and very hardy, thriving splendidly here in the West. We have the following varieties:

Boule de Feu, very double, deep red.

Ardens, the familiar double purplish-blue.

Jeanne de Arc, double pure white.

Speciosa, double rosy-pink.

Duc de Brabant, dark rose, large double flowers.

Price, 2 to 3 feet, each 20c; 10 for \$1.75. By mail postpaid 25c each.

TREE ALTHEAS. We can furnish the above varieties in tree form. Nice, stocky specimen, 4 to 5 feet high. Price, 35c each; 10 for \$3.00.

AZALEA MOLLIS. Showy, low-growing, hardy plants used extensively in parks and public grounds. The brilliancy of their yellow, orange and carmine flowers is not approached by any other hardy shrub. This shrub blooms in splendid showy clusters early in the spring. Should be protected with a layer of straw during severe weather. Thrives best in a moist, well drained soil, either in full sun or partial shade. Plants are about 1½ feet high, with numerous buds. Too large to go by mail.

Price, 65c each; 10 for \$6.00.

BARBERRY, PURPLE LEAVED. A most beautiful shrub, growing about 4 to 6 feet high, very rich in color of foliage, and especially ornamental in the autumn and winter. Leaves dark purple, followed by pretty berries. Valuable as a hedge plant, and very unique and a striking contrast to the greenery of the other shrubs.

Price, 2 to 3 feet, 20c each; 10 for \$1.75. By mail 25c each.

BARBERRY, THUNBERGI. Japanese Barberry. (*Berberis*.) See illustration. An invaluable little shrub that fits in with almost every planting. Will grow just about anywhere, and has handsome foliage of bright green oval leaves, that turn the most brilliant shades of orange and red in the fall. The slender, graceful branches which are protected by small thorns, are lined with little scarlet berries of great attractiveness from early autumn well into winter. Also very valuable for a hedge.

Price 2 feet, 15c each; 10 for \$1.25; 100 for \$10.00. By mail 20c each.

CALYCANTHUS. Sweet Scented Shrub or Strawberry Shrub. Also called Chocolate Shrub and Carolina Allspice. Flowers very double, brownish-purple in color and deliciously fragrant. Blooms nearly all summer and is one of the most desirable shrubs. Hardy and of easy culture.

Price, 2 to 3 feet, 25c each; 10 for \$2.00. By mail 30c each.

CLETHRA. Pepper Bush or White Alder. A desirable native shrub of dense growth, producing abundant slender spikes of, very fragrant white flowers in mid-summer. Valuable for shaded places, and thriving in most any soil. One of the best plants for shrubbery borders, as it flowers so abundantly at a time when little else is in bloom. Include it in all such plantings, in August. (See illustration on page 39.)

Price, 2 to 3 feet, 35c each; 10 for \$3.00. By mail 40c each.

CORNUS. Siberian Dogwood. Free growing, 6 to 10 feet tall, and very hardy; forms a small, handsome tree in some situations; its clusters of small, white flowers in early summer are very dainty, and its bark is a showy dark red in winter. All the Siberian Dogwoods bear in early fall a profusion of whitish blue berries, making them distinctly ornamental after the flowers have gone. A very brilliant shrub in early spring, when the bark is intensely colored.

Price, 2 to 3 feet, each 25c; 10 for \$2.00. Postpaid 30c each.

CORNUS FLORIDA. White Flowering Dogwood. The great white flowers are 3 inches and more in width, lasting in favorable weather for as many weeks. Besides the fine characteristics given above, the bright red bark on its young growths makes it attractive and cheery in winter. Tree rarely grows over 20 feet in height and is branching in habit. Blooms when small.

Price, 2 to 3 feet, each 25c; 10 for \$2.00. By mail 30c each.

DEUTZIA FORTUNEI. A very desirable shrub of strong, hardy growth, with nice luxuriant foliage and bearing an abundance of beautiful racemes of double, white flowers. Must be seen to be appreciated. There is nothing in the list of hardy shrubs that gives better results for planting masses or groups on the lawn. Extremely hardy, of easy culture, thriving in almost any well drained soil. Blooms in June. Sometimes called Snowflower.

Price, 2 to 3 feet, each 25c; 10 for \$2.00. By mail 30c each.

DEUTZIA LEMOINEI. This variety forms a small dwarf shrub with spreading branches, usually growing about 3 feet tall. Leaves bright green, 2 to 3 inches long; flowers pure white, in large clusters or panicles. Of vigorous growth, very free flowering and of easy culture. In my garden Lemoinei stands our winter the best of all, seldom freezing back in the least.

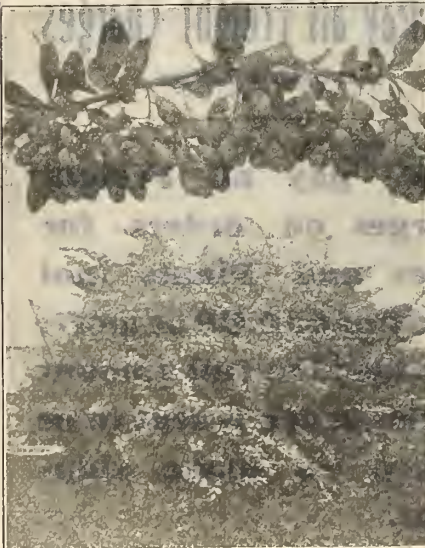
Price, 2 to 3 feet, 25c each; 10 for \$2.00; 100 for \$17.00. By mail 30c each.

DEUTZIA, PRIDE OF ROCHESTER. A showy, early, and large flowering sort, that blooms in May before the others. Grows 6 to 8 feet tall. The white flowers are large and double. Price, 25c each; 10 for \$2.25. By mail 30c each.



Althea.

Grows 4 to 5 feet high and blooms



Barberry Thunbergi.

ORNAMENTAL SHRUBS.—Continued.

FLOWERING ALMOND, PINK. (Prunus.) The flowering Almonds are pretty dwarf bushes that bloom quite early and are very showy in spring. Their slender, leafless, upright branches are entirely hidden by stemless, very double flowers of pink color, resembling small roses. Grows to a height of 4 to 5 feet and blooms in May. One of the best flowering shrubs and can be highly recommended for the western states.

Price, 2 to 3 feet, 25c each; 10 for \$2.00. By mail 30c each.

FLOWERING ALMOND, WHITE. Shrub is very similar to Flowering Almond, Pink, with handsome, double white flowers in great profusion, completely covering the branches.

Price, 2 to 3 feet, 25c each; 10 for \$2.00. By mail 30c each.

FLOWERING CURRANT. (Ribes Aureum.) The Flowering Currants are much prized for their wealth of bright flowers in early spring and their pervading, spicy odor. The leaves are glossy green and turn to brilliant colors in the fall. This variety has yellow, fragrant flowers, followed by dark brown fruits. Is hardy most anywhere, of vigorous growth with upright branches. Attains a height of 5 to 7 feet. Early in April, when few trees or shrubs have awakened from their winter's sleep, the Yellow Flowering Currant puts forth its leaves and brilliant clusters of bright yellow flowers, loading the air with their sweet fragrance and adding a touch of sunshine to the landscape otherwise dull. For this reason it should be placed where it may show its springtime beauty with full effect.

Price, 2 to 3 feet, 20c each; 10 for \$1.50. By mail 25c each. 3 to 4 feet, 25c each; 10 for \$2.00.

FORSYTHIA. GOLDEN BELL. Few, if any of the spring flowering hardy shrubs can surpass the splendor and brilliancy of the Forsythia.

Both the grace and beauty give them a prominent place in all shrub plantations. Of upright, vigorous growth; foliage rich dark green and lustrous. Flowers brilliant golden yellow, borne in great profusion early in April, before the leaves appear.

Price, 2 to 3 feet, 20c each; 10 for \$1.50. By mail 25c each.

WEeping FORSYTHIA. DROOPING GOLDEN BELL. (Forsythia Suspensa.) A graceful shrub with long and slender drooping branches. Leaves dark green and lustrous, persisting until heavy frost. The beautiful flowers come in great profusion, are golden yellow and very showy. Grows about 8 to 10 feet tall. Very odd and interesting and one of the showiest shrubs in cultivation.

Price, 2 to 3 feet, 25c each; 10 for \$2.00. By mail 30c each.

FRINGE TREE, PURPLE. (Rhus Cotinus.) This is the beautiful Mist or Smoke Tree. One of our handsomest shrubs, growing to tree-like proportions in favorable locations. Its loose, graceful drooping panicles of purple flowers are quite fragrant, and borne in fringing clusters above very large, deep green leaves of thick, leathery texture, giving the bush an appearance of purplish smoke; hence the name, "Smoke Tree." In autumn the foliage turns to shades of reddish brown. Blooms in June.

Price, 2 to 3 feet, 25c each; 10 for \$2.00. By mail 30c each. 3 to 4 feet, 30c each; 10 for \$2.50.

FRINGE TREE, WHITE. (Chionanthus.) A very desirable tall growing shrub, foliage dark green, turning yellow in autumn. Flowers pure white, in loose drooping panicles, appearing in May and June, followed by small, plum-like berries of bluish color. When in blossom, the tree appears as if it were festooned with the most delicate white lace. There is no other hardy shrub resembling it and yet it harmonizes well with other planting. It is free from insects or fungus attacks and its luxuriant, dark and handsome foliage gives it a touch of elegance not contributed by the ordinary shrub.

Price, 1½ to 2 feet, 25c each; 10 for \$2.00. By mail 30c each.

GLOBE FLOWER, DOUBLE. (Kerria.) A graceful shrub from Japan, with long, slender branches clothed with peculiarly rough, sharply cut foliage, bright green in summer and fading yellow in autumn. The double, brilliant golden flowers are borne in profusion throughout the summer. A handsome shrub, growing 4 to 5 feet tall, of spreading habit with drooping branches. Of strong, vigorous growth, making it valuable for producing immediate effect in the shrubbery border.

Price, 2 to 3 feet, 20c each; 10 for \$1.50. By mail 25c each.

GOLDEN ELDER. (Sambucus.) A variety with golden yellow foliage. A valuable plant for producing contrast when planted with other shrubs. Grows to a height of about 6 feet, and is of vigorous, spreading habit. In early summer it bears large, flat clusters of small fragrant white flowers, followed by heavy clusters of black, edible berries, borne in profusion and bearing the branches down. Should have full sun to give best effect. Grows well on all soils and can be pruned into a neat, compact little bush. One of the best golden foliaged shrubs. Price, 2 to 3 ft., 30c each; 10 for \$2.50. By mail 30c each.



Clethra. (Page 38.)

VARIEGATED LEAVED ELDER. This variety is similar in growth to the Golden Elder described above. The foliage is mottled with yellow and white; one of the best variegated leaved shrubs. In flower and fruit it is similar to the above.

Price, 2 to 3 feet, 25c each; 10 for \$2.00. By mail 35c each.

AMERICAN ELDER. (Sambucus Canadensis.) The common Elder Berry. A tall shrub with stout stems filled with white pith. The small white flowers come in large flat topped cymes, fragrant, opening in early summer. Fruit black, very profuse, ripening in August and September. Very showy and deserving of more extended cultivation. Grows 6 to 8 feet tall. The berries are highly esteemed for cooking and making of cordials. In many parts of Europe they are grown for the purpose of making wine, and are said to be of great value for medicinal purposes in cases of stomach disorder.

Price, 2 to 3 feet, 15c each; 10 for \$1.35. By mail 20c each.

Washington, Kans., 4-3, 1912.

I received the shipment of trees and was well pleased. I think they are fine. I have no kick coming. Thanks for the two Pear trees and Crimson Rambler as a premium.

ALBERT BROWN.



Cornus Florida. (See page 38.)

Price, 2 to 3 feet, 25c each; 10 for \$2.00. By mail 30c each.

Price, 2 to 3 feet, 25c each; 10 for \$2.00. By mail 30c each.

Price, 2 to 3 feet, 25c each; 10 for \$2.00. By mail 30c each.

Price, 2 to 3 feet, 25c each; 10 for \$2.00. By mail 30c each.

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Price, 2 to 3 feet, 25c each; 10 for \$2.00. By mail 30c each.

Price, 2 to 3 feet, 25c each; 10 for \$2.00. By mail 30c each.

Price, 2 to 3 feet, 25c each; 10 for \$2.00. By mail 30c each.



Mock Orange. (Page 41.)

ORNAMENTAL SHRUBS.—Continued.



Above picture was sent us by Mr. B. Bruegger, Hamilton, Ohio, and he writes as follows: "This picture shows the tree Hydrangea which I bought of you last spring. The picture was taken the 6th of August. (Four months after planting.)"

ness and vigor have been well tested in all parts of the country, and it has been found well adapted to this part of the country and all western states.

Price, 2 to 3 feet, 35c each; 10 for \$3.00. Postpaid 40c each.

JAPANESE QUINCE. (Cydonia.) Also called Firebush. (See illustration on page 41.) Very showy and one of the earliest shrubs to bloom, the flowers appearing before the leaves are fully developed. The brilliant scarlet flowers gleaming like red-hot coals. Fruit about two inches in diameter, yellowish-green, and of aromatic fragrance. Invaluable for border or garden planting, and make beautiful informal or clipped hedges. As a harbinger of spring the Japan Quince deserves a prominent place on the lawn, where its bright red flowers can be seen to advantage. Sometimes, when snow may be seen in sheltered corners, this shrub will put forth brilliant flowers, glowing like living coals of fire. Very hardy, easily transplanted, and will thrive in almost any well drained soil.

Price, 2 to 3 feet, 15c each; 10 for \$1.25; 100 for \$10.00. Postpaid 20c each.

LILAC, PERSIAN PURPLE. The old-fashioned Lilac which grows into a very high bush with bright green, heart-shaped leaves. In May the plant is crowned with its wondrous wealth of light purple flowers in clusters. It is, without doubt, the best known and most popular shrub grown, and notwithstanding the introduction of so many new flowering shrubs of late years, the Lilac holds its own. A fine tall shrub for the lawn and one of the best for a fancy hedge. Can be used to good advantage in making effective backgrounds for smaller shrubs. Hardy everywhere.

Price, 2 to 3 feet, 25c each; 10 for \$2.25; 100 for \$18.00. Postpaid 30c each. 3 to 4 feet, 35c each; 10 for \$3.25.

LILAC, PERSIAN WHITE. This is substantially the same as the Persian Purple, save in the color of its flowers, which are pure white. In May it forms one of the most charming sights the garden affords, with its handsome clusters of exquisitely fragrant flowers, shining out in contrast with the bright green, heart-shaped leaves.

Price, 2 to 3 feet, each 25c; 10 for \$2.25. Postpaid, 30c each. 3 to 4 feet, each 35c; 10 for \$3.25.

LILACS IN TREE FORM. We can furnish the above two varieties in tree form, grafted 3 to 4 feet high. Very fine for the lawn or park, or may be planted along the sidewalk or driveway. Showy and something not usually seen. **Price,** 3 to 4 ft. trees, 50c each; 10 for \$4.50. Cannot be sent by mail. We have them in purple and white.



Purple Fringe. (See page 39.)



Hydrangea Paniculata Grandiflora

HIGHBUSH CRANBERRY. (Viburnum Opulus.) A magnificent, large shrub, with upright and spreading form. The leaves are broad-oval, three-lobed and bright green. The small white flowers which appear in early summer, are borne in broad, flat clusters surrounded by a ring of large sterile flowers. These are followed by very showy scarlet berries, which cling to the bush all winter, as they are not disturbed by the birds. It will thrive and grow to perfection in the coldest climates or where the extremes of heat and cold are the greatest.

Price, 2 to 3 feet, 30c each; 10 for \$2.25. By mail, 35c each.

HONEYSUCKLE, UPRIGHT RED TARTARIAN. (Lonicera Tartarica.) The best known of all the Bush Honeysuckles and in our estimation the finest variety of all. Grows to a height of 8 to 10 feet with upright, somewhat spreading branches and bright green foliage. The flowers are borne freely in May and June, are of bright pink color, followed by showy red berries, which ripen in mid-summer, and cling to the bush for several weeks. This fine shrub is of great value planted as a background for smaller shrubs or in a commanding position where their size will make them conspicuous. It is one of the best shrubs for northern latitudes, as it withstands successfully the severest winters.

Price, 2 to 3 feet 20c each; 10 for \$1.75. By mail, 25c each. 3- to 4 feet, 30c each; 10 for \$2.50.

HYDRANGEA PANICULATA GRANDIFLORA. The large flowering Hydrangea. Without question, the most popular of the Hydrangeas, as well as one of the showiest of all shrubs. The flowers are borne in immense pointed clusters, nearly a foot in length, creamy white when fully expanded, and continuing in bloom for a long time. Later the huge flower heads change to tones of rose and bronze where exposed to the sun. The bush grows 4 to 6 feet tall. Unsurpassed for the lawn, for hedges, parks or cemetery planting, either in groups or as single specimen plants. Wherever large masses of white flowers are desired in landscape planting the best shrubs for the purpose is the Large-flowered Hydrangea.

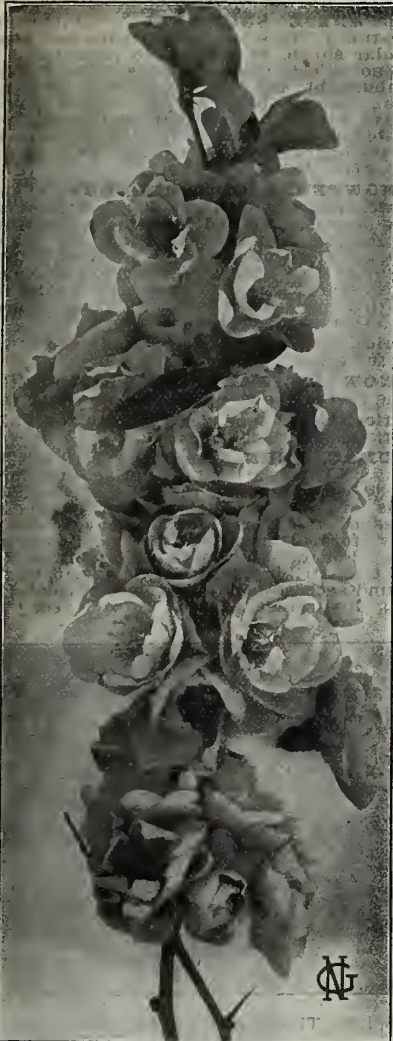
Price, 2 feet, each 25c; 10 for \$2.25. Postpaid 30c each.

HYDRANGEA PANICULATA IN TREE FORM. These are 4 to 5 feet trees with good stems and splendid crowns. They are very effective for the lawn or park; or planted along the sidewalk or driveway, about ten feet apart, they make a most beautiful sight when in full bloom. Plant one or more of these beautiful trees and you can show your neighbors and friends something extra nice and not commonly seen.

Price for 4 to 5 feet trees, 60c each; 10 for \$5.00. These trees cannot be sent by mail.

HYDRANGEA, AMERICAN EVERBLOOMING. THE SNOWBALL. This new Hydrangea is the most beautiful hardy shrub introduced in the last twenty years. The plant, which attains a height of 5 or 6 feet, with nearly the same breadth, is of far more graceful habit than the old form; with large trusses of beautifully formed flowers of dazzling whiteness, rendering this a plant of peerless beauty. The flowers are very full and round as a ball, resembling the flowers of the well known Snowball shrub. Its hardiness

ORNAMENTAL SHRUBS.—Continued.



MOCK ORANGE OR SYRINGA. (Philadelphus.) See illustration on page 39. A hardy, upright growing shrub with arching branches, attaining a height of 8 to 10 feet. Flowers are large, creamy-white, deliciously fragrant, and appear in greatest profusion in May and June; splendid for cut flowers. Hardy everywhere and valuable for the production of immediate effects in landscape planting. Fine for hedges. One of the old-fashioned shrubs that add beauty, grace and perfume to our gardens. Price, 2 to 3 feet, each 25c; 10 for \$2.25. Postpaid 30c each. 3 to 4 feet, each 35c; 10 for \$3.25.

OLEASTER. *Eleagnus Longipes.* An oriental shrub with handsome foliage and numerous yellowish-white, fragrant flowers. The fruit is red, borne on slender stalks and ripening in midsummer. When small, the berries are handsomely dotted with brown. Fruit is of a decidedly acid flavor and is prized by many for making jelly, jam, etc. It is a wonderfully strong and thrifty bush, and of great value for producing immediate effect. Grows to a height of 6 to 8 feet.

Price, 2 feet, 25c each; 10 for \$2.25. Postpaid 30c each.

PRIVET OR PRIM. (*California Ligustrum.*) See page 35.

SPIREA. MEADOW SWEET. All varieties bloom with the greatest freedom, making them indispensable for ornamental purposes. A good collection of them will give flowers all through the season. All the species are very hardy, easy to grow in many soils and situations, and will be found useful for specimens, groups, screens, borders, ornamental hedges, etc. We grow the following 4 varieties, which comprise the best of all Spires.

SPIREA VAN HOUTTI (Bridal Wreath.) The grandest of all Spires. Very beautiful for the lawn. When in bloom it is a perfect fountain of white blossoms, the foliage hardly showing. Perfectly hardy, and vigorous grower. A very good plant for a fancy hedge. Grows 4 to 5 feet high, and blooms in early June.

Price, 2 to 3 feet, each 20c; 10 for \$1.75; 100 for \$16.00. 3 to 4 feet, each 30c; 10 for \$2.75. Plants by mail postpaid, 25c each.

SPIREA BILLARDI. Rose colored flowers in large spikes, blooms nearly all summer. Very pretty and showy and splendid for cut flowers. Grows 4 ft. high. Price, 2 to 3 feet, 25c each; 10 for \$2.25. Postpaid 30c each.

SPIREA THUNBERGII. (Snow Garland.) A Japanese variety of medium size, with narrow delicate leaves and a profusion of small white flowers in early summer. One of the best. Leaves narrow, bright green, turning in autumn to brilliant shades of orange and scarlet. Grows 3-4 ft. high. Price, 2-3 ft., ea. 25c; 10 for \$2.25; 100 for \$18.00. Postp'd 25c each.

SPIREA ANTHONY WATERER. This beautiful variety produces flowers of a bright crimson and blooms so freely that it may be kept flowering during the summer till late fall by trimming away dead blooms. Foliage is very handsome, being variegated with creamy-white or yellow. Grows 15 to 18 inches high and is very useful for massing or the border.

Price, 15 in. plants, 20c each; 10 for \$1.75; 100 for \$14.00. Postpaid 25c each.

SNOWBALL. *GUELDER ROSE.* (*Viburnum.*) One of the favorites of old time gardens and among the best known of all the flowering shrubs. It grows into a magnificent high bush with upright branches and handsome foliage. It forms one of the most impressive sights of early summer when its pure white, four-petaled flowers, borne in showy balls are in bloom. We have a snowball bush on our farm, on which we counted over 800 blossoms at one time. Hardy everywhere.

Price, 2 to 3 feet, 25c each; 10 for \$2.25; 100 for \$18.00. Postpaid 30c each. 3 to 4 feet, 35c each; 10 for \$3.25.



Waxberry. (See Page 42.)



Weigelia. (See Page 42.)

ORNAMENTAL SHRUBS.

(Continued.)

JAPANESE SNOWBALL. (*Viburnum Plicatum.*) This is a very choice and most popular shrub, with much to recommend it and no objectionable features. The foliage is abundant and fine in summer and autumn, and its balls of pure white double flowers are borne in great profusion. Admirable as specimens in limited areas, or in masses in the finest plantings. Very hardy. Each 35c. Postpaid 40c each.

SNOWBERRY OR WAXBERRY. (*Symphoricarpos.*) A desirable shrub with small pink flowers, followed by large white wax-like berries, which hang on the plant through most of the winter. Grows to a height of 2 to 4 feet. Very showy and succeeds everywhere. Of special value for planting in densely shaded places, where few other shrubs will grow.

Price, 2 to 3 feet, 20c each; 10 for \$1.75; 100 for \$15.00. Postpaid 25c each.

SNOW OR WAXBERRY, Red Fruited. Same as the above, only the berries are red.

Price, 2 to 3 feet, 20c each; 10 for \$1.75. Postpaid, 25c each.

SUMAC, FERN LEAVED. (*Rhus Typhina.*) This variety of native stag-horn sumac was found on the hills of Vermont. It is of rapid, robust growth, producing cones of bright red fruit. Leaves beautifully formed, rivaling the most delicate fern. For massing with other shrubs the effect is striking. Can also be cut to the ground each season and a mass of beautiful



Spirea Van Houttii. (Page 42.)

foliage will result. This shrub will thrive on the poorest of soils, with a surprising luxuriance. Price, 2 to 3 feet, 25c each; 10 for \$2.00. Postpaid 30c each.

TAMARIX. Very strong growing shrub with brown bark and slender, spreading branches. The foliage is as light and feathery as asparagus; flowers delicate and fringing, of bright pink color. Blooms in May or June and sometimes again in the fall. Valuable for planting near the seashore or on the edge of sandy banks near fresh water. Will grow 10 to 12 feet high.

Price, 2 to 3 feet, 25c each; 10 for \$2.25; 100 for \$18.00. Postpaid 30c each.

WEIGELIA OR DIERVILLA. No shrub in our collection has attracted more attention. It is of robust but graceful growth, 5 to 7 feet high and produces immense numbers of superb, trumpet shaped flowers from June until fall. Plants frequently have more flowers than leaves. We list the following three varieties:

WEIGELIA, EVA RATHKE. A new variety from Germany and probably the best and finest of all Weigelias. Flowers are of brilliant crimson color, a beautiful and distinct shade. Blooms nearly all summer and when in full bloom the whole plant fairly glows with color. On September 27th our Eva Rathke Weigelias were still in full bloom and the plants literally covered with their beautiful, intensely rich flowers. Grows 2 to 3 feet tall.

Price, 2 to 3 feet, 35c each; 10 for \$3.25. Postpaid 40c each.

WEIGELIA ROSEA. An elegant shrub with beautiful rose colored flowers. Blooms from June until fall. It is erect in habit, with good foliage. Height 4 feet. Very hardy. Price, 2 to 3 feet, 25c each; 10 for \$2.25. Postpaid 30c each.



Hedge of Spirea Thunbergii. (Page 35.)

WEIGELIA VARIEGATA. Leaves bordered with yellowish-white, making the bush very conspicuous the entire season. Pink flowers.

Price, 2 to 3 feet, 25c each; 10 for \$2.25. Postpaid 30c each.

HUDSONICA TOMENTOSA.

This rare and handsome Evergreen shrub is one of the most valuable of the dwarf variety, hardly ever growing over two feet in height. We give here the introducers description. "We found it in the first place growing wild on a sandy beach, one of the bleakest and coldest places on earth. They are covered with yellow blossoms in the spring and during the summer are of the handsomest silvery green I ever looked at. During the winter they turn to a brownish shade." This plant is perfectly hardy, and should be largely planted. There is no better silver colored plant for bouquets and ornamental purposes.

Price, 1 to 2 feet plants, 50c each; 10 for \$4.00. By mail postpaid 60c each.

HORTENSIS.

We have some Hortensis suitable for planting in pots or tubs. The flowers are very large, pink, turning to bluish pink. Must be kept in the house over winter, as they are not hardy. A beautiful shrub. You will be pleased with them.

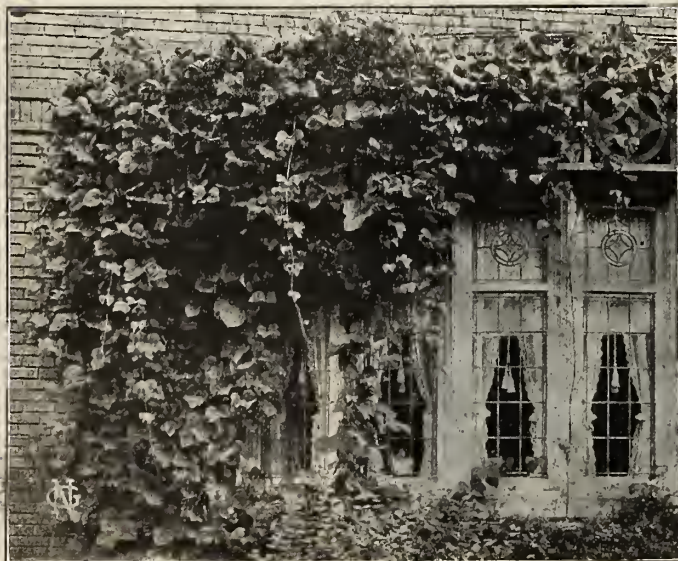
Price, strong plants, 50c each; 10 for \$4.00. Too large to go by mail.

—:—

Seneca Kans., April 15, 1912.

I herewith send you money order for \$4.24. Stock came all right and am well pleased.

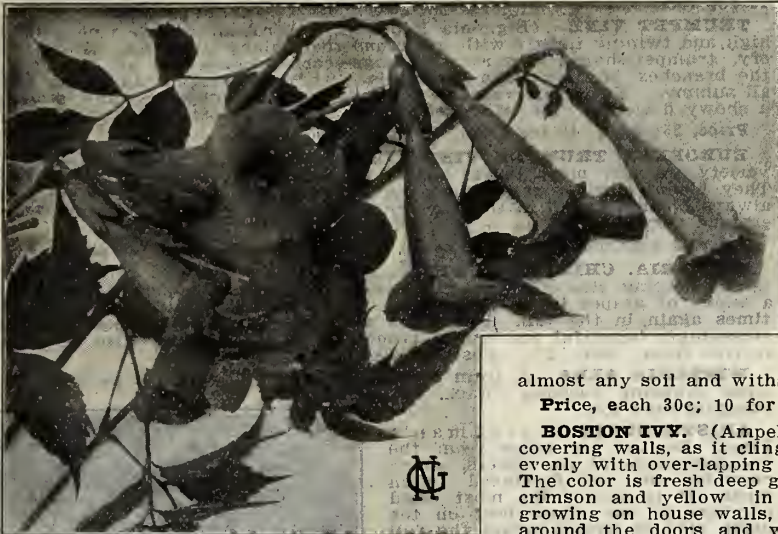
S. ZIMMERMAN.



Japanese Kudzu Vine. (See Page 43.)

HARDY ORNAMENTAL CLIMBING SHRUBS.

Your home, outbuildings, fences and trunks of old trees can be made very attractive by the use of hardy vines. Such permanent improvements add greatly to the value of your property, and the value increases from year to year. We furnish nice, strong, field grown plants at prices given below:



Trumpet Vine. (Page 44.)

AKEBIA. A beautiful, hardy Japanese vine with unique, dainty foliage and chocolate-purple flowers of delightful fragrance in large clusters. The foliage is never attacked by insects and is nearly evergreen. Blooms in May. Its rapid growth makes it highly suitable for porches, trellises or running over walls and banks. Does best in a sunny location and well drained soil.

Price, each 35c. Postpaid 40c each.

AMPELOPSIS ENGELMANII. A new variety of Woodbine which has long been desired. It has shorter joints and very much smaller and thicker foliage. It also is better equipped with tendrils by which it will climb walls of stone or brick as closely as the Boston Ivy. This variety has proved itself perfectly hardy in Minnesota, and we have no doubt but that it will occupy the same place in the North and West that the Boston Ivy does in the East. Will grow in almost any soil and withstands drought and heat well.

Price, each 30c; 10 for \$2.75. Postpaid 35c each.

BOSTON IVY. (Ampelopsis Veitchii.) One of the finest climbers for covering walls, as it clings firmly to the smoothest surface, covering it evenly with overlapping leaves, which form a perfect mass of foliage. The color is fresh deep green in summer, changing to bright shades of crimson and yellow in autumn. The handsomest vine possible for growing on house walls, especially the foundation and the first story, around the doors and windows. When once established it is quite hardy. Should be planted only south of here.

Price, 30c each; 10 for \$2.75. Postpaid 35c each.

VIRGINIA CREEPER. WOODBINE. (Ampelopsis Quinquefolia.) A strong, rapid grower; foliage large, dark green; in autumn bronze and crimson. This is an old favorite and valuable for covering back porches, out-buildings, arbors etc. Perfectly hardy everywhere and will grow in any soil and situation.

Price, 15c each; 10 for \$1.35. Postpaid 20c each.

CHINESE MATRIMONY VINE. (Lycium.) A vigorous growing, hardy climbing vine that may be used anywhere that a vine is needed for training to trellis, fence or wall. The foliage is of a grayish green. The flowers which appear from June to September vary through shades of pink to purple. The fruit which follows is of a deep crimson color and very showy. It is borne abundantly along the entire length of the branchlets. It is especially attractive in the fall when it is thus loaded with its bright fruits which contrast well amid the green foliage. The foliage remains fresh until severe frosts. Will grow in nearly all soils and in all climates.

Price, 20c each; 10 for \$1.75. Postpaid 25c each.

CINNAMON VINE. (Dioscorea.) This beautiful climber possesses the rare quality of emitting from its flowers the delightful odor of cinnamon. Perfectly hardy, the stem dying down every autumn, but growing again so rapidly as to completely cover any trellis or arbor very early in the season. With its beautiful heart-shaped leaves and clusters of delicate white flowers it is a most desirable climber. Strong roots 10c each; 10 for 75c. Postpaid 15c each.

HONEYSUCKLE, HALL'S EVERGREEN JAPAN. (Lonicera.) One of the best of the climbing Honeysuckles, and a free bloomer. Has oval, semi-evergreen foliage and fragrant yellow and cream colored flowers in constant succession. Grows to a height of 12 to 15 feet. Excellent for covering trellises, rocks, dry banks, etc. The Honeysuckle perfume is remembered and loved throughout the world.

Price, 25c each, 10 for \$2.25. Postpaid 30c each.

HONEYSUCKLE, RED CORAL. A shrubby climber and one of the most satisfactory of all plants. The odd shaped foliage is showy and attractive and it produces its bright red, fragrant, trumpet-shaped flowers almost continuously. A splendid vine for porches. Grand for trellises and ground cover. Will thrive in almost any kind of soil, growing to a height of 10 to 15 feet.

Price, 20c each; 10 for \$1.75. Postpaid 25c each.

HONEYSUCKLE, AUBEA. A variety with beautifully variegated foliage. Flowers very fragrant, of creamy white color. In bloom from June till August.

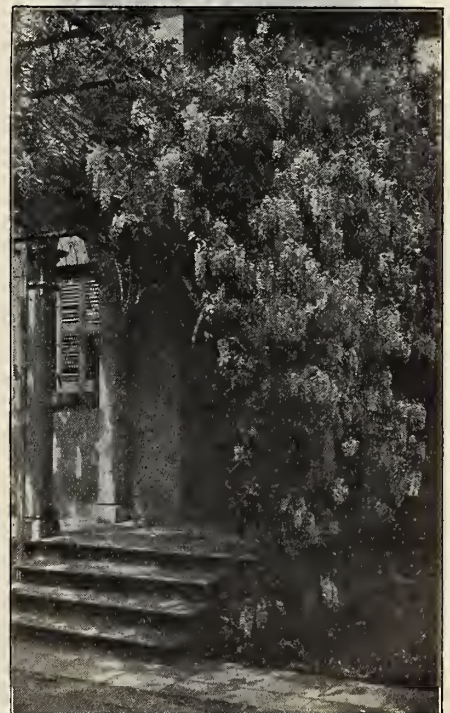
Price, 25c each; 10 for \$2.25. Postpaid 30c each.

JAPANESE KUDZU VINE. JACK-AND-THE-BEAN-STALK VINE. (Pueraria.) The most remarkable rapid growing hardy perennial extant. In rich soil the plant will grow 70 feet in one season. Starts into growth slowly, but after three or four weeks grows almost beyond belief. Leaves in shape like Lima Beans; dark green, soft and woolly. For porches, arbors, old trees, etc., we know of nothing its equal. The illustration on page 42 gives some idea of the beautiful effect obtained by planting this climber.

Price, strong, field grown roots, 25c each. Postpaid 30c each.



Japan Honeysuckle.



Wistaria. (Page 44.)

HARDY ORNAMENTAL CLIMBING SHRUBS.—Continued.



Clematis Henryi.

sirable feature, however, as it fills locations where most other vines are not a success. A very pretty and odd climber. Blooms in June. Each 65c. Postpaid 75c.

CLEMATIS.

Beautiful free flowering vines with showy flowers. They are well adapted for training on porches, balconies and trellises, or for covering walls, fences and arbors. A loamy, fertile soil suits them best and to secure the best results the ground should be enriched frequently. We can furnish the following best varieties, all 2 year old, strong, field grown plants:

LARGE FLOWERING CLEMATIS.

JACKMANNI. The well-known large flowering blue clematis. The beautiful flowers when fully expanded, measure 4 to 6 inches in diameter, intense violet-purple with a rich, velvety appearance, distinctly veined. It blooms continually from July until cut off by frosts. Plant is hardy, abundant and successful bloomer. Each 40c. Postpaid each 50c.

HENRYI. This is the finest of all large flowering white clematis, and should find a place in every collection. It is not only a vigorous grower, but a remarkably free and continuous bloomer, beginning with the earliest and holding out with the latest. Flowers are large, of beautiful creamy-white, with reddish chocolate anthers. Each 40c. Postpaid 50c each.

MADAME EDOUARD ANDRE. Has been called the crimson Jackmanni. Plant is a strong, vigorous grower, very free in bloom. Lovely flowers of a distinct crimson red color. Distinct from all other varieties. Each 40c. Postpaid each 50c.

RAMONA. One of the most desirable of the large flowering clematis. The large, beautifully formed flowers are of a deep rich lavender, a very pleasing and unusual color. The plant is a vigorous grower and perpetual bloomer. A decided acquisition to this class of Clematis and a plant that everyone will want. Each 35c. Postpaid 40c.

SMALL FLOWERING CLEMATIS.

COCCINEA. Scarlet Bell-flower Clematis. A beautiful and graceful climber, with broad, green leaflets and very pretty flowers of intense scarlet color. Blooms freely in June and throughout the summer. The plants are healthy and will stand drought quite well. Each 25c. Postpaid 30c.

PANICULATA. The small flowering, sweet scented Japan clematis. One of the most vigorous and beautiful of all climbers. It is a rapid grower, and desirable wherever a quick growing vine is needed, on walls, verandas, fences, etc. In late summer it produces dense sheets of medium sized, pure white flowers of the most pleasing fragrance. Will grow in almost any soil, and is entirely free from blight and insects. Each 30c. Postpaid 35c.

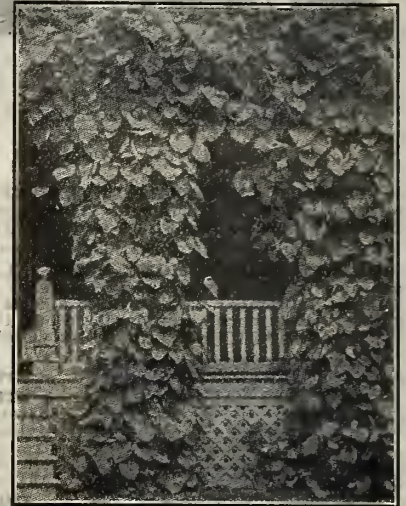
TRAILING PERIWINKLE. (Vinca Minor.)

A hardy evergreen shrub or more properly called a vine, trailing close to the surface, forming a dense mat, thriving under trees, where grass will not grow; useful for binding the soil in slopes to prevent washing, for covering graves, where the blue flowers contrast finely with the glossy green foliage. Perfectly hardy. Each 10c; 10 for 90c. Postpaid 20c each.

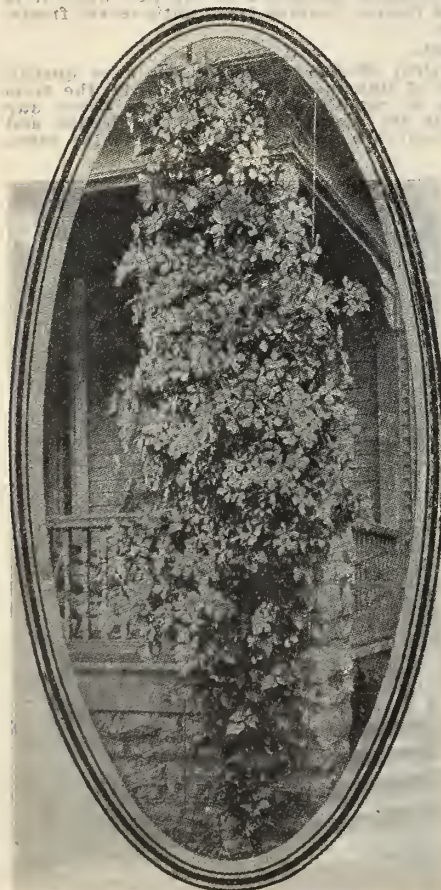
Sta. B., Columbus, Ohio, 4-16-12.

Trees arrived in fine condition. They're the best ever. Thank you for your premiums. I shall always recommend you in this garden spot of the world.

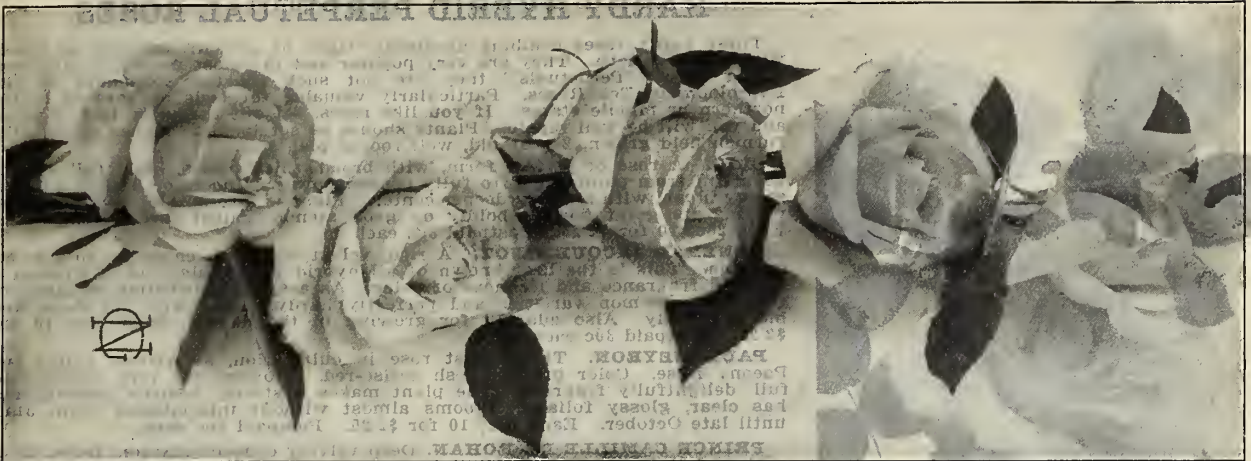
H. A. MILLER.



Dutchman's Pipe.



Clematis Jackmanni.



Queen of Colors.

ROSES.

The Rose, the Queen of the Flowers, is justly one of the most popular. Few plants give better satisfaction to the lover of beautiful flowers, when properly treated. To obtain the most satisfactory results, roses should be planted in well drained, rich, deep, loamy soil, and given a location where they will have sunlight and a circulation of air. For winter protection an application of compost or rotten manure should be given them in the late autumn, and spaded into the ground the following spring. All our roses are 2-year old, field grown plants, about 2 to 3 feet high and well rooted. We have no small greenhouse grown stock.

HARDY EVERBLOOMING HYBRID TEA ROSES.

The following varieties are free bloomers and excellent for cutting. Hardy and will withstand ordinary freezing weather, but should have light protection during the winter. Suitable for garden or house culture. In the open field the Kaiserin, Gruss an Teplitz, Maman Cochet and especially Killarney withstood our hot dry summer extremely well and bloomed profusely all through the summer and fall.

AMERICAN BEAUTY. This rose has become as famous as the Marechal Niel. It is a hardy rose of the largest size, having the everblooming qualities of the tea rose, with the delicious odor of the damask or moss rose. It is the sweetest of all roses. Color a deep brilliant red, shading to a rich carmine-crimson. Entirely hardy. A valuable rose for the garden or indoor culture, flowering freely during the winter. Each 35c; 10 for \$3.00. Postpaid 40c each.

QUEEN OF COLOES. (Farbenkoenigen.) A new rose from Germany. Blooms very large and full. Buds are long, color bright rose, with somewhat darker background. Always in bloom and very hardy. See illustration at top of page. Each 35c; 10 for \$2.75. Postpaid 40c each.

GRUSS AN TEPLITZ. One of the brightest colored roses grown. When first opened it is a dark, rich crimson, changing to a bright scarlet. Blooms continually; flowers good size and delightfully fragrant. It is the rose for everybody, succeeding everywhere. Each 35c; 10 for \$3.25. Postpaid 40c each.

KAISERIN AUGUSTA VICTORIA. Illustration on page 46. The finest white everblooming hardy garden rose. Soft pearly white, lightly tinted with lemon in the center, just enough to relieve the white. Remarkably fragrant, buds and open flowers of elegant form. The plant is a strong grower, blooms freely, and the flowers are carried on long, stiff stems. Best rose for garden and house. Each 30c; 10 for \$2.75. Postpaid 35c each.

KILLARNEY. (See Illustration.) This beautiful new rose is unquestionably the finest pink, hardy ever-blooming tea rose introduced. Blooms large, full and of exquisite shade of bright shell pink. Fragrant and handsome. The bush is strong and upright, with beautiful deep bronze-green foliage; very free blooming. Each 35c; 10 for \$3.25. Postpaid 40c each.

LA FRANCE. Beautiful form in bud and in full bloom. Very large, full and globular; a constant bloomer. Color pink or silvery-rose. Very fragrant. Hardy. Each 30c; 10 for \$2.75. Postpaid 35c each.

MADAME CAROLINE TESTOUT. One of the most popular roses in its class, and undoubtedly one of the best for outdoor culture. Should be in every garden. Immense, large, clear pink flowers, full and double; beautiful buds. Very hardy. Price, 30c each; 10 for \$2.75. Postpaid 35c each.

PINK MAMAN COCHET. The best pink garden rose. In the open ground it quickly makes a strong bush, producing on long, stiff stems, in wonderful profusion, flowers that are perfect. The buds are beautiful, large, full and firm, elegantly pointed, while the open flowers are extra large, and perfectly double. The color is clear rich pink, changing to silvery rose. Blooms all the time. Each 30c; 10 for \$2.75. Postpaid 35c each.

WHITE MAMAN COCHET. What has been so long desired, viz: a pure white, hardy, ever-blooming Rose, has been obtained in this grand variety. It has the requisites of a perfect garden Rose—substance, size, fragrance, hardiness, vigor and profusion of bloom—rivaling the best of the monthly ever-blooming Roses in the latter all-important quality. It is a "sport" from the well-known and much-valued Rose, "Maman Cochet," inheriting all its fine qualities, full and firm buds, long and pointed, the ideal Rose, keeping long when cut. Each 30c; 10 for \$2.75. Postpaid 35c each.

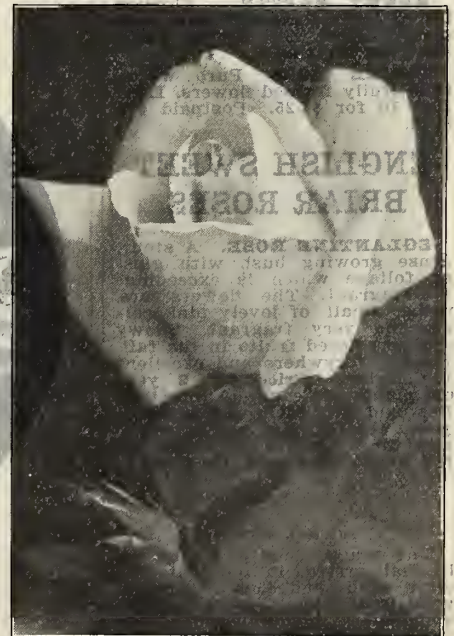
CRIMSON MAMAN COCHET. (Etoile de France.) A fitting companion to the other Cochet Roses on account of its vigor of growth, stiffness of foliage, freedom of bloom, and hardiness. It bears masses of full, deep formed flowers singly, on long, substantial stems. The color is a new and clear shade of red or velvety crimson, brightening in center; of exquisite fragrance. Each 30c; 10 for \$2.75. Postpaid 35c each.

WHITE, PINK AND RED COCHET ROSES, one of each for 75c. Postp'd 90c.

OTTO VON BISMARCK. A new Hybrid Tea Rose from Germany. Fine silvery pink, somewhat similar to La France. Flowers profusely all summer. In my garden it is one of the best bloomers. Each 35c; 10 for \$3.25. Postpaid 40c each.

DEUTSCHLAND and MRS. PHILIP LE CORNU, the two grand new Roses, will be found under Novelties on pink sheets.

FRIEDRICHSRUH. Another novelty from J. C. Schmidt, Erfurt, Germany. Flower very large, dark crimson and of fine aroma. A constant bloomer all summer, healthy and robust, one of the very best dark red Hybrid Tea Roses. Received a large number of premiums at Rose exhibitions in Europe. Price, 40c each; 10 for \$3.50. Postpaid 45c each.



Killarney.

HARDY HYBRID PERPETUAL ROSES.



Snow Queen.

possibly over-state. This is, in our opinion, today the greatest of all roses. Certainly no other white rose can begin to compare with it. An exceedingly strong grower and very hardy. Extra nice 2 year old plants, each 30c; 10 for \$2.75. Postpaid 35c each.

SOLEIL D'OR. (Golden Sun.) Yellow is the one desirable color that has been lacking in hardy roses. This new rose is the result of a cross between Persian Yellow and Antoine Ducher. It is a fine strong grower, producing superb, conical shaped buds varying from gold and orange yellow to reddish gold shaded with nasturtium red. The flower is very full, large and globular, the petals in the center being well incurved. It is a robust, vigorous grower, with a brownish wood and beautiful bright green foliage. Should have a place in every garden. This rose must be trimmed less severely than other varieties of this class. Each 35c; 10 for \$3.00. Postpaid 40c each.

ULRICH BRUNNER. A superb rose; a seedling from Paul Neyron. Extra large, bold flowers; full and globular; petals large and of good substance. Color, rich, glowing cherry, elegantly lightened with scarlet. Very fragrant. The plant is of vigorous, healthy growth and blooms freely. One of the best and finest hardy roses for the garden. Very effective when planted in masses. Each 25c; 10 for \$2.25. Postpaid 30c each.

MRS. JOHN LAING. Immense flowers, full and double, borne in great profusion on long, stiff stems, and exceedingly sweet. Clear, bright, shining pink, exquisitely shaded. Buds long. Each 25c; 10 for \$2.25. Postpaid 30c each.

MOSS ROSES.

Admired for the beautiful moss covering of the buds. The moss rose is strong and vigorous, perfectly hardy and very desirable for outdoor culture. Most varieties bloom but once in the season, but the flowers and buds are very large and handsome, remain in bloom a long time and are highly prized. The following three varieties are recommended to lovers of the moss rose.

GLORY OF MOSSES. Large flowers of a pleasing, rosy red color. Each 25c; 10 for \$2.25. Postpaid 30c each.

HENRY MARTIN. Flowers bright red. Fragrant and very mossy. Each 25c; 10 for \$2.25. Postpaid 30c each.

WHITE MOSS. Pure white, beautifully formed flowers. Each 25c; 10 for \$2.25. Postpaid 30c each.

ENGLISH SWEET BRIAR ROSES.

EGLANTINE ROSE. A stout, dense growing bush with glossy foliage which is exceedingly fragrant. The flowers are rather small, of lovely pink color, and very fragrant. Showy orange colored fruits in the fall. Hardy everywhere and excellent for hedges. Price for 2 year old plants 20c each; 10 for \$1.75. Postpaid 25c each. Price for 1 year old, strong plants, suitable for hedge, 10 for \$1.00; 100 for \$8.00. Postpaid 15c each.

Adrian, Mo., 4-17, 1912.

The grape vines you sent me by mail arrived in apparent first class shape and each one has a good root. I am well pleased and hope to place an order with you this fall or next spring.

L. G. VAN BENTHUSEN.



Kaiserin Augusta Victoria. (See Page 45.)

HARDY CLIMBING ROSES.

As an ornamental plant for covering porches, side walls, pillars, fences, etc., they are unequalled, calling forth more admiration than anything else that can be similarly used. They require but little care and are very hardy. Our plants are field grown, hardy, 2 year old stock, 2½ to 3 feet high.

BALTIMORE BELLE. Flowers pale blush, nearly white, double, in large clusters. Blooms very freely. Plant is a strong grower and hardy. Each 20c; 10 for \$1.75. Postpaid 25c each.

EMPRESS OF CHINA. This splendid rose will continue in bloom longer than any other climbing rose. When it first opens the flowers are a beautiful red, but soon turn to a lovely pink, and it blooms so profusely as to almost hide the plant. Each 20c; 10 for \$1.75. Postpaid 25c each.

MARECHAL NIEL. Flowers deep golden yellow, extra large, of fine form and delightful fragrance. Is considered to be the finest yellow rose. Vigorous grower and free bloomer, often making shoots 20 to 30 feet high in a single season. The flowers remain in good condition for a long time after cutting. Blooms all summer. Not hardy in the North. Each 30c; 10 for \$2.75. Postpaid 35c each.

REINE MARIE HENRIETTE. One of the finest of all climbing roses. A strong grower, constantly in bloom and very free, with finely formed large, double flowers borne in clusters, also on single stems. Buds are finely shaped and richly Tea scented. With a little protection, hardy anywhere. Price, 30c each; 10 for \$2.75. Postpaid 35c each.

PRAIRIE QUEEN. An old standby variety and very popular. Flowers bright golden red, globular, large and compact. Very strong grower. 25c each; 10 for \$2.25. Postpaid 30c each.

SEVEN SISTERS. (Grevillea.) White and crimson, making it unique, as both white and crimson flowers may be seen on the plant at the same time. Blooms in large clusters. Each 25c; 10 for \$2.25. Postpaid 30c each.

A THOUSAND BEAUTIES. (TAUSENDSCHOEN.) The most sensational Climbing Rose yet introduced, not even barring Crimson Rambler. A single cluster of flowers is a bouquet in itself, hence the very fitting name, "Thousand Beauties." Blooming profusely from the beginning of June until the last of July, the flowers appear in large clusters (10 to 15 in a cluster), are of splendid size and quite double. The colors run from delicate balsam to tender rose through the intermediate shades of bright rose and carmine, with white, yellow and various other indescribable tints showing. There is no other Rose in cultivation like it. It is a strong grower, with but few thorns, magnificent foliage, impervious against mildew and absolutely hardy in the open ground anywhere. It has created a veritable sensation, and has been awarded numerous medals. The most remarkable Rose of its kind in the world. Price, 30c each; 10 for \$2.75. Postpaid 35c each.

THE BLUE ROSE. VEILCHENBLAU OR VIOLET-BLUE. After years of effort rosarians have been rewarded by the production of a Blue Rose, which will be welcomed with the greatest interest by all lovers of the garden. This new climbing Rose surpasses all others of recent introduction in having a pure blue color. The flowers appear in large clusters after the manner of the Crimson Rambler, are semi-double and of medium size. Upon first opening the color is partly bright red and partly bright rose, turning soon a steel-blue. The color is best described by saying that it resembles that of early violets. This variety is a strong grower, has shining green foliage and few thorns. It has not been troubled with mildew and is classed among the hardiest climbing roses, withstanding the winters very successfully. Our Blue Roses were imported from the originator by ourselves, so they are true to name. They are 2 year, strong plants and will bloom the first year. We have NO small plants grown in pots in the green house. Price, 30c each; 10 for \$2.75. Postpaid 35c each.



General Jacqueminot. (Page 46.)

RAMBLER ROSES.

No class of roses has come into popular favor as rapidly as these. Of hardy, sturdy nature, a vigorous and quick grower, producing the lovely flowers in truly wonderful profusion. The flowers are borne in immense clusters, each one forming a nice bouquet in itself. Hardy everywhere.

CRIMSON RAMBLER. It is a vigorous grower, making shoots 10 to 20 feet high in a single season. Flowers glowing crimson and produced in immense panicles, covering the plant from top to bottom. Each 25c; 10 for \$2.25. Postpaid 30c ea.

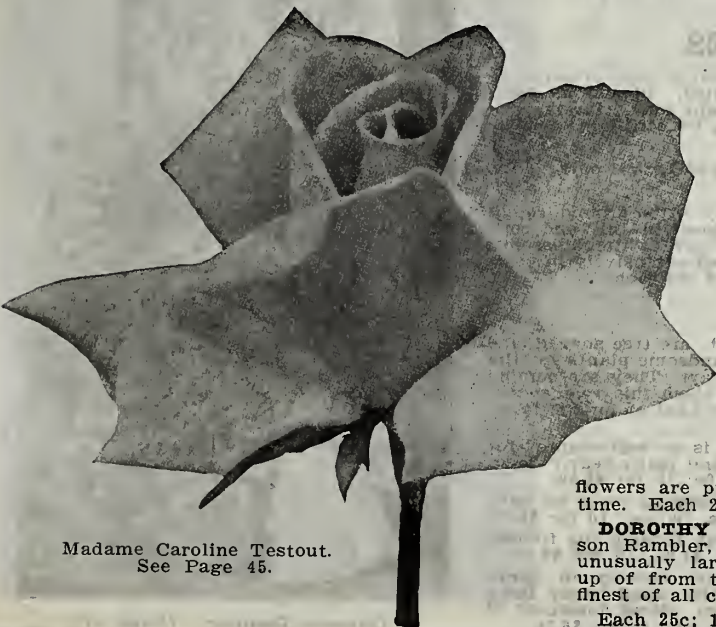
NEW EVERBLOOMING CRIMSON RAMBLER. A sport of the well known and famous Crimson Rambler Rose. This new rose produces its lovely flowers until killing frosts stop further growth of the plant. The flowers are produced in great trusses, each carrying from thirty to forty blooms of the brightest crimson, which remains undimmed to the end. Combined with the waxy, pale green, red-veined foliage, the glowing crimson mass of bloom makes an irresistible effect. The new Everblooming Crimson Rambler produces its flowers on the ends of new shoots, and if cut off as soon as faded, many new side branches will form which soon are covered again with a great mass of blossoms. By blooming so constantly, the new shoots are not as large as with the old Crimson Rambler, but the wood is more firm and less subject to mildew, another point in its favor. The plant is exceedingly hardy, having successfully withstood the test in exposed situations of very severe winters. A magnificent everblooming rose for covering trellises, walls, porches, etc., as they succeed under any circumstances and bloom wonderfully profuse throughout the summer. It is one of the finest and best novelties of recent introduction and will be very popular. Price, two year old field grown plants, each 35c; 10 for \$3.00. Postpaid 40c each.

YELLOW RAMBLEE. (Aglai.) It is related to the Crimson Rambler, and like it, blooms in large trusses. Flowers perfectly double, very fragrant and of light yellow color. Each 25c; 10 for \$2.25. Postpaid 30c each.

WHITE RAMBLER. (Thalia.) Closely resembling the Crimson Rambler in vine and foliage. The flowers are pure white, fragrant, and remain on the plant a long time. Each 25c; 10 for \$2.25. Postpaid 30c each.

DOROTHY PERKINS. In general habit closely resembling Crimson Rambler, but of a beautiful shell-pink, full and double, of an unusually large size for a Cluster Rose. The trusses are made up of from twenty to forty flowers. We consider this to be the finest of all climbing roses.

Each 25c; 10 for \$2.25. Postpaid 30c each.



Madame Caroline Testout.
See Page 45.

BABY RAMBLERS.— (Dwarf Polyantha Roses.)

RED BABY RAMBLER. (Madame M. Levasseur.) One of the best hardy bedding roses in existence. The plants are very vigorous and grow 18 to 24 inches high. The foliage is dark, glossy green and remarkably free from insects and fungus. The flowers are borne in clusters of 20, 30 or more to the cluster, in every way resembling the blossoms of the Climbing Crimson Rambler. It is perfectly hardy and blooms all the time indoor, and from May to November outdoors. Splendid for making a border.

Price, each 20c; 10 for \$1.75. Postpaid 25c each.

BABY DOROTHY. (Maman Levasseur.) This magnificent Baby Rambler is equally as meritorious, if not more so than Red Baby Rambler, which has become so famous. Of dwarf growth, it blooms practically all the time, producing in amazing quantities large clusters or panicles of its beautiful pink flowers, which are full and double, the color of which is almost identical with the flowers of Dorothy Perkins. Entirely hardy.

Price, each 20c; 10 for \$1.75. Postpaid 25c each.

MRS. WM. H. CUTBUSH. One of the finest types of the Baby Rambler Roses. Of dwarf growth, producing in constant profusion flowers of pale pink, borne in huge trusses throughout the entire summer and autumn. Hardy. Price, 20c each; 10 for \$1.75. Postpaid 25c each.

WHITE BABY RAMBLER. (Schneewittchen.) A beautiful little bedding rose, especially desirable for a border around beds of dark red or pink colored roses. Blooms all summer through with amazing freedom and fullness. Bushes candelabra shaped and each branch bearing from 15 to 50 little flowers creamy white, passing to snow white. Each 20c; 10 for \$1.75. Postpaid 25c each.

CATHERINE ZEIMET. A most beautiful companion to the Crimson Baby Rambler, growing to the same height and bearing great masses of double, pure white flowers, covering the plant as with a mantle. The Roses are delightfully scented, reminding one somewhat of a hyacinth.

Price, 20c each; 10 for \$1.75. Postpaid 25c each.

BABY TAUSENSCHOEN. A grand Novelty. See Pink Sheets.

THE FAMOUS SOUPERT ROSES.

Always Blooming.

These famous Roses will give absolute satisfaction to every purchaser. They bloom the first year and will be in bloom every year from early May until severe freezing weather. More than once we have seen them bloom in open ground after a severe snow storm. There are no roses like them; certainly none better. If you try them, take our word for it, you will not be disappointed.

CLOTHILDE SOUPERT. A grand free-flowering Rose. Fine for bedding out or pot culture. The flowers are very double and handsomely formed, with outer petals pearl-white, shading to a center of rosy pink. Price, 25c each; 10 for \$2.25; 100 for \$20.00. Postpaid 30c each.

PINK SOUPERT. Identical with Clothilde Soupert, except in color of Has the same stock, sturdy habit of growth.



Tree Rose.

flowers, which is a clear, lively pink and at a distance resembles a carnation. Blooms as freely, with large handsome flowers. Same form as Clothilde Soupert. Price, 25c each; 10 for \$2.25. Postpaid 30c each.

SUMMER ROSES.

The rose of this species are summer or spring bloomers, but they flower so profusely and their rich coloring is so intense that they deserve a place in all collections. These roses bear on the terminals of a preceding year's growth, and pruning must be done just after blossoming.

MADAME PLANTIER. Flowers pure white, large, full and double; produced in great abundance early in the season. Hardy. Suitable for cemetery planting. Each 20c; 10 for \$1.75. Postpaid 25c each.

PEERIAN YELLOW. The hardy yellow rose of your mother's garden. Perfectly hardy. Flowers semi-double, golden yellow color. Each 25c; 10 for \$2.25. Postpaid 30c each.

MISCELLANEOUS ROSES.

EUGOSA RUBRA. Plant grows 4 to 5 feet high and is very ornamental with its beautiful, large, glossy foliage, distinctly wrinkled. Blooms all season. Flowers single, very large, of a most beautiful bright rosy crimson, succeeded by large berries of a rich red color. Makes a beautiful low hedge.

Price, 20c each; 10 for \$1.75. Postpaid 25c each.

EUGOSA ALBA. Same as the above except that the roses are pure white. Price, 20c each; 10 for \$1.75. Postpaid 25c each.

WICHURIANA. (White Memorial.) Plant clings closely to the ground, rapidly branching and covering any surface. The flowers appear in July and continue through the season, forming showy clusters of pure white blossoms. Single and of sweet fragrance. Hardy everywhere. Used extensively in cemeteries, rock work, etc. Each 20c; 10 for \$1.75. Postpaid 25c each.

TREE ROSES.

These are grafted on hardy rose stalks 4 to 5 feet high, are tree shaped, and when in full bloom are fine objects of beauty, making handsome plants for the lawn, or as border plants along the sidewalk or driveway. They are coming into popular favor and at the low price we are offering them this year every one can set out a few of these pretty tree roses in his yard or on the lawn. TREE ROSES CANNOT BE SENT BY MAIL.

CRIMSON RAMBLER TREE ROSES. No other rose is so well adapted for growing in tree form. The branches droop gracefully and reach nearly down to the ground, forming a regular weeping tree. Each 70c; 10 for \$6.50.

HYBRID PERPETUAL ROSES. These hardy, free blooming roses we have in the following colors: RED, PINK and WHITE. Price, 70c ea.; 10 for \$6.50.

EVERBLOOMING MONTHLY TREE ROSES. We can furnish the following colors: Red, Pink, White and Yellow. Price, each \$1.00; 10 for \$9.00.

BABY RAMBLER TREE ROSES. A most attractive novelty in hardy roses. Budded on strong, straight stems 4 feet high; the round bushy Baby Rambler is at all times a perfect mass of crimson bloom. Most fluorescent of all roses, blooming continually until late in the fall. 70c ea.; 10 for \$6.50.



Crimson Rambler. (Page 47.)

HERBACEOUS PERENNIAL PLANTS.

Perennials have never been so popular as they are at the present time. Their permanency appeals to all. They are planted once and are always there; living through the winter with little or no protection, the flowers become better as the plants grow older. Will grow well in any soil, which may be enriched with decomposed manure or bone meal. The varieties we list are all perfectly hardy, the tops dying down in winter, but coming up early in the spring. Our prices are for field grown plants.

ACHILLEA. "THE PEARL."

The finest of all plants for cemetery planting. The plants grow about 15 to 20 inches high and are completely covered with double pure white flowers from July until frost. A fine cut flower. Is daintily formed, quite double flowers are borne in long stemmed, branching sprays so profusely as to give a refreshing cool, airy effect through summer heat and late into fall. Price, each 15c; 10 for \$1.00 postpaid.

ACONITUM. AUTUMN ACONITE.

From September until pitiless cold the showy blue flowers of this species clusters on branching pyramidal spikes from 2 to 3 feet tall. One of our richest and freest blooming autumn plants. A valuable characteristic of these plants is that they grow well in shade, and thus may be planted under tall trees which protect them from frost, so that bright, perfect flower-spikes can be frequently gathered in November. Each 20c; 10 for \$1.75 postpaid.

ANEMONE JAPONICA.

JAPANESE WIND FLOWER.

These beautiful hardy plants are not appreciated as they should be. They make a magnificent garden show and furnish abundant cut flowers. They commence blooming in August and increase in beauty until heavy frost. We grow the following varieties:

- WHEELWIND.** Flowers semi-double, pure white.
 - BRILLIANT.** Beautiful dark red.
 - QUEEN CHARLOTTE.** Flowers very large, semi-double, color a soft pink.
- Price, each 15c; 10 for \$1.25 postpaid.

AQUILEGIA. COLUMBINE.

The Columbines have an established place in all old-fashioned gardens. Their curious forms and many pleasing shades of color, and the readiness with which they adapt themselves to all localities, have made them prime favorites. See illustration at bottom of this page.

- CHRYSANTHA.** The Golden Columbine. Flowers very numerous, 2 to 3 inches across, bright yellow. In bloom all summer. Height 3 to 4 feet. Easily grown in any good garden soil.
- COEULEA.** The true Rocky Mountain Columbine. An exquisite flower, with pale blue sepals and white petals. Grows about 1½ feet high and blooms from May to July.
- VULGARIS.** The well-known garden Columbine, in all shades of blue and purple. Very free blooming. Height 2 feet. Price, each 15c; 10 for \$1.25 postpaid.

ARTEMESIA PONTICA.

Beautiful plant for border or for filling in within the shrubbery. The foliage is silvery, deeply cut, and very ornamental. Splendid for a hedge, as the plants will stand trimming well. Grows readily in all soils. Height 15 to 18 inches. Each 10c; 10 for 75c postpaid.

ASTERS. MICHAELMAS DAISIES.

These are among the showiest of our late flowering hardy plants, giving a wealth of bloom at a season when most other hardy flowers are past, and for best effect should be planted in masses of one color. They grow freely in any soil.

- MULTIFLOEM.** The plants form bushes 2 to 3 feet tall, literally covered with pretty little white flowers. Blooms September and October.
- NOVAE-ANGLIAC.** NEW ENGLAND ASTER. The richest and gayest of our native Asters; has the largest flowers and is usually conceded to be the finest. It ranks "among the best of all hardy border plants." Its stout, leafy stems vary from 3 to 5 feet in height, and its beautiful violet-purple flowers appear from September to October.
- TARTARICA.** 2 to 3 feet high, free flowering. Blossoms large, of a lovely bluish color. Blooms in October.

Price, 12c each; 10 for \$1.00 postpaid.

BOLTONIA ASTEROIDES. STARWORT.

Tall, bushy plants producing an abundance of aster-like white flowers from August to September. Excellent for cut flowers and produces grand effects when planted in masses. The plants grow 3 to 4 feet high. This plant will grow readily in any garden soil and bloom very profusely. Price, 10c each; 10 for 90c postpaid.

COREOPSIS.

One of the most popular hardy plants. The flowers are a rich golden yellow, of graceful form and invaluable for cutting; in bloom from June till autumn. It succeeds everywhere. Height 1½ to 2 feet. A group of these plants furnishes an unending mass of rich glowing color. The plants grow vigorously in any sunny situation.

Price, each 10c; 10 for 90c postpaid.

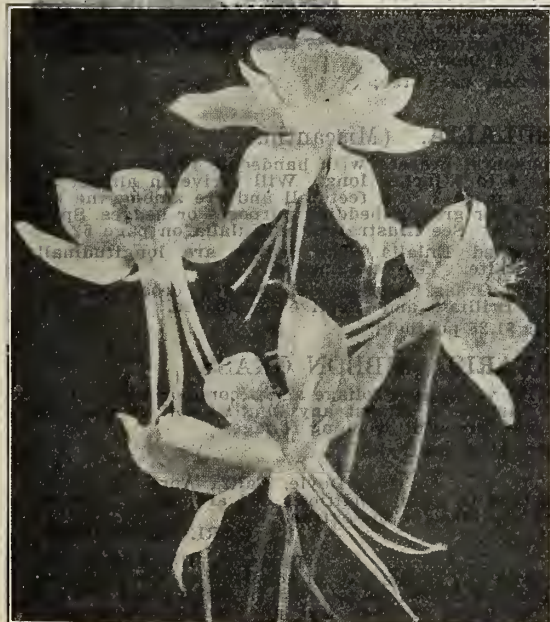
CANTERBURY BELLS. CAMPANULA.

An old time favorite, growing 2 to 3 feet high and bearing in great profusion very pretty bell-shaped flowers. The Campanulas give to our gardens exceedingly pretty flowers for almost every situation, moist or dry, sunny or shaded, and the flowers are produced even in summer drought. Valued for cut flowers. See illustration on page 52. Shades: blue, white and rose mixed.

Price, each 15c; 10 for \$1.25 postpaid.



Achillea The Pearl.



Aquilegia.

PERENNIAL PLANTS.—Continued.

CHRYSANTHEMUM.

We offer an assortment of the hardy varieties. They flower profusely in October, after everything else in the garden has been killed. They are excellent for cut-flowers and bouquets. Sure bloomers and satisfactory growers that should be included in all orders. Even after several light falls of snow, in sheltered positions it is sometimes possible to cut uninjured clusters of beautiful flowers. The fine thick foliage makes a good screen or background, and their own blossoms spring into fullest beauty when the earlier flowers are gone.

LARGE FLOWERING YELLOW. Height 2½ feet. Very fine double flowers.

DWARF WHITE. Height 2 feet. Flowers medium size, very pretty.

TALL WHITE. Height 2½ to 3 feet. Fine double.

LARGE FLOWERING PINK. Height 2½ feet. A splendid variety.

Price, each 12c; 10 for \$1.00 postpaid.

DIANTHUS. SWEET WILLIAM.

These charming old fashioned hardy plants are great favorites in every garden. Stems grow 12 to 18 inches high. Flowers are borne in greatest profusion, in large, round-topped clusters. The Sweet William gives to flowery May masses of color as brilliant as any of our perennials. For five weeks or more their splendor lasts, then if the fading flowers are persistently cut away, fairly good fresh ones appear at intervals all summer. We offer both double and single flowered forms in a grand mixture. Price, each 15c; 10 for \$1.25 postpaid.

DIGITALIS or FOXGLOVE.

An old-fashioned flower that should be planted in quantity. Succeeds under all conditions and furnishes a grand display during July and August. The flowers are very showy, thimble-shaped and are borne, close together on stalks from 3 to 4 feet high. For backgrounds and contrast among shrubbery it is a very fine plant. Grows well in a half shady position.

GLOXINIAEFLORA ALBA. White. Large flowering. Fine for cutting.

GLOXINIAEFLORA ROSEA. Rose colored. Bright and showy.

Price, each 15c; 10 for \$1.25 postpaid.



Chrysanthemum.

YUCCA FILAMENTOSA. ADAM'S NEEDLE.

Tropical looking plant with long narrow leaves; remains green the entire year. Grows in clumps and throws up a flower stalk from 3 to 4 feet high, from which hang from 100 to 300 creamy-white, bell shaped flowers. It blooms a long time. A fine plant for the lawn or cemetery.

Price, each 12c; 10 for \$1.00 postpaid.

DELPHINIUM. LARKSPUR.

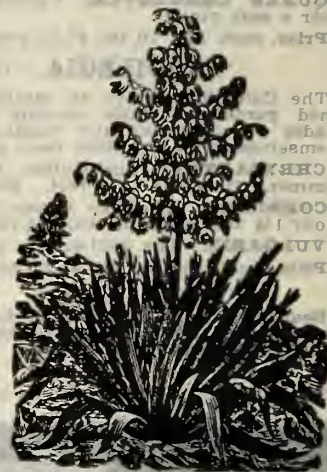
One of the finest sights of modern gardens is a good collection of blooming Larkspurs. They give us the greatest abundance of flowers and the utmost variety in tints and shades of blue during June and July. The Delphiniums make good border backgrounds. Although the plants thrive in any good garden soil, a deep, rich loamy one, with sunny exposure is best.

FORMOSUM. Showy plants, growing 2 to 3 feet tall. Flowers deep blue with violet spurs. The stout stems are clothed with fine delicately cut leaves. Blooms persistently through the summer.

CHINENSIS. THE CHINESE LARKSPUR. A fine and sturdy old type, fascinating because of its many variations as well as for its beauty. The leaves are finely cut and fern-like, the flowers single or double and colors ranging from clear deep blue to creamy-white. For about ten weeks of midsummer it makes a grand display of bloom.

Price of above varieties, each 15c;

10 for \$1.25 postpaid.



Yucca.



Coreopsis. (Page 49.)

EULALIA. (Miscanthus.)

Beautiful hardy ornamental grasses with handsome foliage and numerous feathery panicles 4 to 6 inches long. Will thrive in almost any kind of soil. The plants grow 3 to 5 feet tall and are among the best and most popular grasses for groups, bedding purposes or hedges. Splendid in corners of the house. See illustration of Eulalia on page 52.

LINEATUM. The Striped Eulalia. The leaves are longitudinally striped with green and white. Very ornamental.

ZEBRINA. The Zebra Grass. Leaves are banded crosswise with green and light yellow. Brilliant and effective for hedges.

Price, each 15c; 10 for \$1.25 postpaid.

PHALARIS. RIBBON GRASS.

A tall hardy Grass with variegated foliage and a common plant in old-fashioned gardens. It thrives in almost any kind of soil or exposure. Stems 3 to 5 feet tall, with graceful drooping foliage.

Price, each 15c; 10 for \$1.25 postpaid.

Doyle, Calif., April 13, 1912.

The plants were received in good condition. All are fine. I am perfectly satisfied. Thank you also for the extras.

CARL SERWOTKE.

Thornton, Ill., 4-12, 1912.

I received my order from you in the best of condition as far as I know, and I thank you cordially for the pains you took in making our selection and also for putting the name on each tree and sending it so quick.

With best wishes for your success, I remain

CHARLES FLECK.

PERENNIAL PLANTS.—Continued.

Bleeding Heart.



Bleeding Heart.

DICENTRA.

Bleeding Heart, the popular name of the Dicentra, is derived from the curious heart shaped blossoms with the drop of blood below. These fine hardy perennials were great favorites in the old gardens. Fine for the border or margins of shrubbery. In the early spring these plants bear beautiful heart-shaped flowers of a light red color. The

stems grow 12 to 18 inches high, with abundant, deeply cut leaves of light green color. Price, 20c each; 10 for \$1.75.

MALLOW MARVELS.

Most Gorgeous Perennial Creation of 20th Century.

The plants are perfectly hardy, and grow from strong, fleshy roots to a height of 6 to 8 feet in one season. They seem to thrive in almost any soil, having a preference, however, for a moist, rather than a dry situation. In the last days of July the blooms appear and continue until late fall. The huge flowers, some of them measuring over ten

inches in diameter, come in the most gorgeous and brilliant shades of crimson, white and pink. They seem to be immune from the attacks of insects or scale, and we have yet to find anyone who cannot be successful with them. As regards their hardiness, we can only say that in the coldest regions of Canada they have withstood a temperature many degrees below zero, without any protection, other than an ordinary mulch. In round or oval beds they make a beautiful display, not only during the period when they are in flower, but while perfecting their growth in late spring and early summer. Their foliage, unlike the coarse leaves of the more common kinds, is more evenly divided, and of a richer green shade. In the rear of shrubbery or perennial beds they are decidedly ornamental, and also where a good specimen plant is desired. You can't make a mistake in getting these gorgeous Mallow Marvels. They are sure to please you, as they have thousands of others. Perfectly hardy, easy to grow, and sure to bloom. We can supply them Pink, Crimson and White. Price, for heavy, strong roots, 30c each; 10 for \$2.50. Postpaid 40c each.

HIBISCUS. ROSE MALLOW.

Tall, free-flowering, hardy plants with remarkably large and showy flowers. Thrives in most loamy soils, producing throughout a long period, numerous mammoth flowers, sometimes 6 to 8 inches across. Plants grow 3 to 5 feet tall.

Price, for the following varieties: 15c each; 10 for \$1.25 postpaid.

CRIMSON EYE. Flowers very large, creamy-white, with crimson center.

MOSCHEUTUS. Extra large, beautiful flowers of a light rose color and with purple eye.

HOLLYHOCKS.

Among the very finest of old hardy garden plants the Hollyhock still holds a proud place and may be termed one of the great powers of July. It has the largest flowers and widest range of colors among tall garden plants. Flowers are very showy, produced in great abundance on long towering spikes. Height 6 to 8 feet. Blooming period June to August.

We have the DOUBLE WHITE, DOUBLE DARK RED, DOUBLE PINK, DOUBLE MAROON, DOUBLE YELLOW.

Price, each 15c; 10 for \$1.25 postpaid.

STOKESIA. STOKES' ASTER.

This beautiful plant grows 1 to 2 feet high, and produces in great profusion Aster-like flowers from 4 to 5 inches across; it is of easiest culture, succeeding in any open position, used as a cut flower and for planting in masses in the hardy border. Each 15c; 10 for \$1.25 postpaid.

RUDBECKIA. "GOLDEN GLOW."

A fine hardy plant that should find a place in every garden. It will be found excellent for cut flower purposes. Plant attains a height of 4 to 6 feet and will produce hundreds of large blossoms of brilliant, golden yellow color during August and September. Price, each 12c; 10 for \$1.00 postpaid.

SALVIA.

BLUE SAGE. A Rocky Mountain species that grows 3 feet tall and produces pretty sky-blue flowers in August and September. Exquisite for cutting; one of the finest plants for the border. Very hardy.

Price, each 10c; 10 for 90c postpaid.

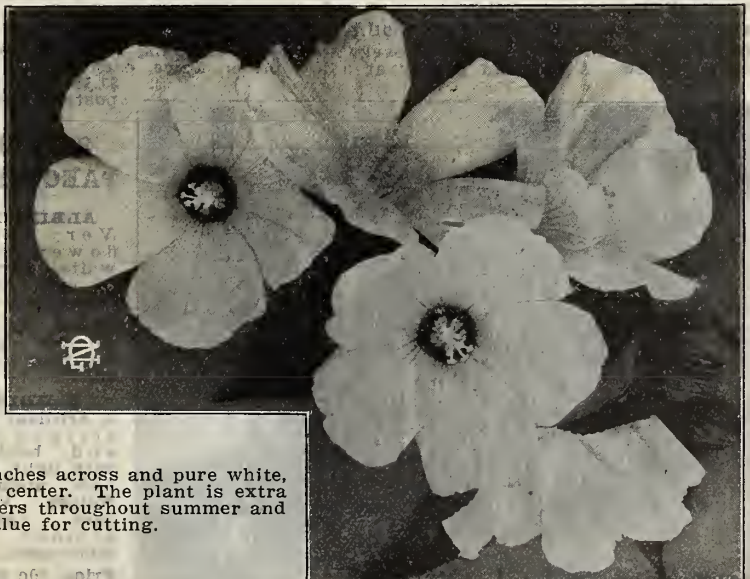
SHASTA DAISY.

Remarkably large, semi-double daisies, 3 to 4 inches across and pure white, with petals in two or more rows about a golden center. The plant is extra vigorous and maintains a fine show of great flowers throughout summer and autumn. A splendid border plant and of great value for cutting.

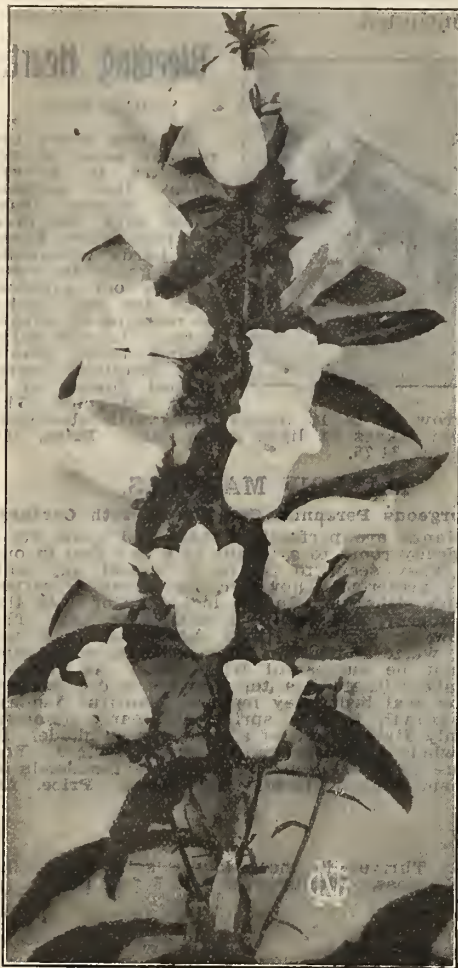
Price, each 15c; 10 for \$1.25 postpaid.

TRITOMA.

FLAMING TORCH. 3 to 4 feet high. Dazzling scarlet, lower half tinged with rich orange. In the north the roots should be taken up in the fall. Blooms August to October. Price, each 20c; 3 for 50c postpaid.



Hibiscus, Crimson-Eye.



Canterbury Bells. (Page 49.)

MRS. DOUGLAS. Pure white, except the center petals which are slightly tinted with rose. Center finely fringed. Mid-season. Price, 50c each; 10 for \$4.50. Postpaid 55c each.

GRANDIFLORA. Very beautiful light crimson. Stems are tall and strong. Is a late bloomer.

Price, 25c each; 10 for \$2.00. Postpaid 30c each.

DELACHEL. Very late, rich deep crimson. Flower is large and well formed. Grows tall and is one of the best dark colored varieties.

Price, 25c each; 10 for \$2.00. By mail postpaid 30c each.

CLARISSA. The flowers are a lovely shade of rosy-pink, the inner petals sulphur yellow. A splendid paeony at a low price. Price, each 20c; 10 for \$1.75. By mail postpaid 25c ea.



Eulalia. (Page 50.)

PERENNIAL PLANTS.—Continued.

PAEONIES.

Few hardy perennials are so well suited to any position in the garden or lawn as the Paeony. The gorgeous display of flowers is very effective, rivaling the rose in beauty. They are so well suited for massing in beds all by themselves. A good, rich, deep soil and sunny situation suits them best, but they will thrive in almost any soil. Our plants are field grown, strong and well rooted with 3 to 4 eyes. In comparing prices with other growers, please bear this in mind. We offer the following selected varieties which we consider the very best for general planting.

ANNA SWANSON. Large fringed flowers of bright crimson and rose color. Very desirable. Mid-season.

Price, 25c ea.; 10 for \$2.00. Postpaid 30c each.

ALICE. Do not fail to plant this beautiful variety. Delicate rose, changing to white center tinged with cream. Season medium late.

Price, 25c ea.; 10 for \$2.00. Postpaid 30c each.

FESTIVA MAXIMA. About the largest and undoubtedly the most popular Paeony of them all. High built flowers borne on long, stiff stems; the purest white, the inner petals slightly tipped with carmine. Very handsome foliage, enormous full double flowers, with very broad petals. A vigorous grower and early bloomer.

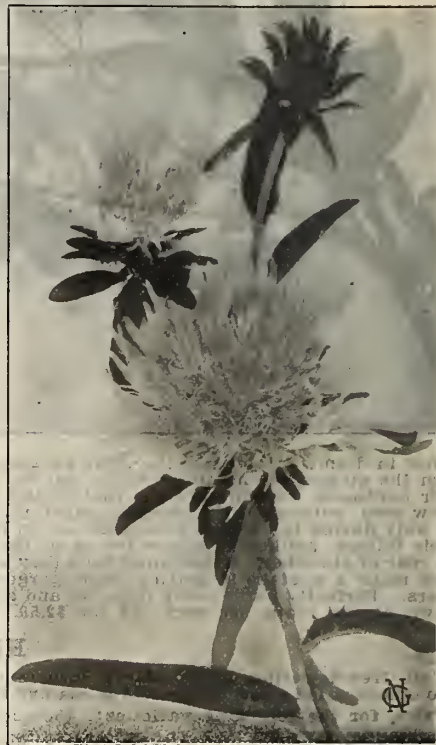
Price, 45c ea.; 10 for \$4.00. Postpaid 50c each.

GENERAL CANBY. Flowers purplish rose. Outer petals broad, inner well fringed, flesh tipped with yellow. Tall. Blooms early.

Price, 30c ea.; 10 for \$2.50. Postpaid 35c each.

ROSE FRAGRANCE. Bright dark rose; exceptionally fragrant and very full double. Blooms late.

Price, 25c each; 10 for \$2.00. Postpaid 30c each.



Stokesia. (Page 51.)

SINGLE
PAEONIES.

ALBIFLORA. Very large flower rosy white, turning to pure white. Mid-season.

Price, 40c ea.; 10 for \$3.00. Postpaid each 45c.

CARDINAL. A brilliant red, striped dark and bordered with light. Yellow stamens; foliage very dark. Stems almost red. Mid-season.

Price, 40c each; 10 for \$3.50. Postpaid each 45c.



Hardy Phlox. (Page 53.)

PERENNIAL PLANTS.—Continued.

HARDY PHLOXES.

The ease with which they are cultivated, season of blooming, combined with the varied and beautiful coloring, make them particularly valuable for garden planting. In bloom from June till late autumn. Phloxes are very effective either as single specimens, in small groups, or large beds on the lawn. They produce a beautiful and harmonious contrast when massed against a background of shrubbery. We offer a carefully selected collection, all field grown plants.

COQUELICOT. A glowing orange red, with violet eye. Each 20c; 10 for \$1.75 postpaid.

FRAULEIN VON LASSEBURG. The purest snow white. Flowers larger than any other white sort. Tall, extra fine. Each 25c; 10 for \$2.00 postpaid.

JEANNE D'ABC. A good white sort with large flowers. Late. Each 15c; 10 for \$1.30 postpaid.

LOTHAIR. Flesh color, with deep red eye; very pretty. Each 15c; 10 for \$1.30 postpaid.

LUMINEAUX. Carmine red, with blush center. Each 20c; 10 for \$1.75 postpaid.

RICHARD WALLACE. Pure white with maroon center. A tall grower and a variety not usually seen. Each 20c; 10 for \$1.75 postpaid.

SIR EDWIN LANDSEER. Bright glowing crimson. The best red. Of robust, tall growth and a free bloomer. Each 20c; 10 for \$1.75 postpaid.

GERMAN IRIS. (Iris Germanica.)

The true "Fleur-de-Lis," the national flower of France. They are perfectly hardy, thrive anywhere, grow and bloom luxuriantly, particularly if plentifully supplied with water. Plants well established produce from 50 to 100 spikes of bloom. In beauty the flowers rival the finest orchids. The plant grows 18 to 24 inches high. We offer the following selected varieties.

FLORENTINA ALBA. Extremely free flowering, and very beautiful white, sweet scented blossoms. One of the best.

HONORABILIS. Fine yellow with lower petals of maroon. An odd, but very pretty Iris.

FLICATA. Dark purple, lower petals lilac. The best dark colored Iris.

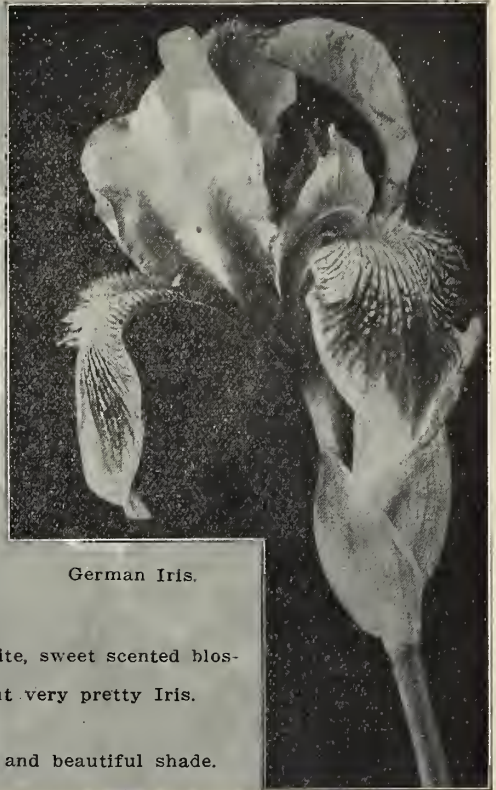
The above three varieties, each 12c; 10 for \$1.00 postpaid.

CELESTE. A soft shade of light blue, changing into lavender. A fine and beautiful shade.

Price of Celeste, 7c each; 10 for 60c. Postpaid 7c each.

CHOICE MIXED VARIETIES. Each 10c; 10 for 75c postpaid.

Do not overlook to order some of our 1913 Novelties on Pink Pages in front of catalogue. They are well worth trying.



German Iris.



Paeony Festiva Maxima. (Page 52.)

JAPANESE IRIS. (Iris Kaempferi.)

Finest of all the Iris family. The flowers are of immense size, from 6 to 8 inches in diameter, and of the most beautiful, delicate shades. Are perfectly hardy, and will flower in profusion during June and July. A well established plant gives a dozen or more flower stalks two to three feet high, each stalk producing two to four enormous blooms. These plants prefer a cool moist situation; but do well in most any good position. We offer some of the very finest varieties in cultivation.

GEKKA-NO-NAMI. Beautiful, clear white flowers, with three petals. The plant grows robust and tall; blooms early.

GOLD BOUND. The finest double flowering, pure white variety. Very tall.

KOMACHI-GUMA. Deep violet, double flowers, and blooming in fine large clusters. An extra fine and rare Iris.

SCHUCHU-NO-HANA. Flowers are exquisite, a rich, reddish claret, broadly veined with white.

VICTOR. Porcelain blue flowers, very prettily veined. An extra fine free blooming variety which is sure to please.

Above 5 varieties, 25c each; 10 for \$2.25 postpaid.

SIBERIAN IRIS. (Iris Sibirica.)

Tall and slender growing, with flowers like those of the German Iris in structure, but smaller and much more numerous. The plant forms clumps and blooms so freely that its deep blue blossoms give solid color effects. Hardy, thrives in almost any soil. Each 15c; 10 for \$1.25 postpaid.

Welsler, Ida., 4-12, 1912.

I received the Nursery stock today and will say I have seen trees from a good many different Nurseries, but have seen nothing to compare with the trees I got from you. The oldest orchardist in this section said that he never saw such well rooted trees before. You will hear from me again this coming fall. Thanks for the Asters and extra trees.

BARNEY EDISON.

Amistad, N. M., 7-23, 1912.

The trees you sent me in the spring are doing well. Will make a further order this fall.

LOUIS D. HILL.



Japanese Iris. (Page 53.)

PERENNIAL PLANTS.—Continued.

LEMON LILY. (Hemerocallis Flava.)

These are among the oldest and best loved of garden plants. Very hardy and persistent, they need no winter protection and thrive in any good soil, preferring, however, a rich, moist loam. For garden borders and waterside planting few perennials are more satisfactory. A good clump of this fine old lily, when blooming in June and July, lights up the border superbly with many tall stems of fragrant, waxen, clear yellow blooms. Grows about 2 feet high. Price, 15c each; 10 for \$1.25 postpaid.

PLATYCODON.. CHINESE BELLFLOWER.

An extra good, very hardy and free flowering plant, growing 1½ to 2 feet tall. Flowers a lovely shade of blue. In bloom from June till October. Price, each 15c; 10 for \$1.25 postpaid.

FUNKIA. DAY LILY.

LANCIFOLIA. Narrow Leaved Day Lily. Hardy plant with lily-like flowers, forming dense clumps of foliage. The leaf blades are 4 to 6 inches long. Flowers pale lilac, nodding, borne in long loose racemes. Height 18 inches. Blooms August. They thrive well in deep soil in a half shady position.

Price, each 15c; 10 for \$1.25 postpaid.

HARDY GARDEN LILIES.

AURATUM. (Gold Banded Japan Lily.) Flowers are very large, made up of broad, white petals, thickly studded with crimson maroon and a bright golden band through the center of each petal. The stalks frequently have from 12 to 15 flowers of immense size. Large bulbs, each 25c; 10 for \$2.25.

LONGIFLORUM. A well known beautiful variety, with snow-white trumpet shaped flowers that are very fragrant. Quite hardy and blooms freely in the open ground in June and July. Each 25c; 10 for \$2.25 postpaid.

SPECIOSUM RUBRUM. Flowers white with crimson band on each petal. Large and very fragrant. Perfectly hardy. Grows 2 to 3 feet high. Blooms in August. Large bulbs, each 25c; 10 for \$2.25 postpaid.

DOUBLE TIGER LILY. Perfectly hardy, easily grown lily with very large double flowers of rich orange color, spotted with black. Exceedingly pretty. Each 15c; 10 for \$1.25 postpaid.

WINTER BLOOMING BULBS.

For fall planting, either for house culture or early spring blooming in the garden we offer a large assortment of choice **Holland Bulbs**, our own direct importation, such as **Hyacinths, Tulips, Narcissus, Crocus, Snowdrops, Scillas, Jonquils, etc.** Also have a choice stock of **Roman Hyacinths, Freesias, Japanese Lilies, Star of Bethlehem, Chinese Sacred Lilies, etc.** Write for **Illustrated Price List**, ready September 1st.

Summer Blooming Bulbs.

Bulbs for spring planting require scarcely any care, and quickly make a gorgeous display while the bulbs can be kept over winter and year after year will return a hundred fold in beauty and satisfaction the trifling expense of the original cost.

CANNAS.

The grandest of all bedding plants. Of quick growth and tropical appearance. Throughout the summer they present a mass of gorgeous colors until withered by frost in the fall.

BURBANK. 3½ feet high, green leaves; yellow flowers with carmine spots in throat. Each 12c; 10 for \$1.00. Postpaid 15c ea.

DAVID HARUM. 4 feet high. Dark red flowers. Foliage dark bronze. Very fine. Each 12c; 10 for \$1.00. Postpaid 15c each.

PENNSYLVANIA. 5 feet. Deep scarlet flowers, very large. Leaves green. Each 12c; 10 for \$1.00. Postpaid 15c each.

MADAME BERAT. 4 feet. Green leaves. Flowers of a lovely pink. Fine. Each 15c; 10 for \$1.25. Postpaid 18c each.

BUTTERCUP. 3 feet. Deep yellow, very clear; beautifully effective; foliage green. Each 12c; 10 for \$1.00 postpaid.

INDIANA. 6 feet high. One of the gorgeous "Orchid Flowering" class. Soft orange, lightened by flecks of gold, slightly margined with deep rose. Each 20c; 10 for \$1.75. Postpaid 25c ea.

KING HUMBERT. 5 feet. Orchid flowering. Its flowers measure 6 inches in diameter, produced in gigantic trusses, a brilliant orange scarlet with bright red markings; foliage broad and massive, of a rich coppery bronze. Each 20c; 10 for \$1.75 postpaid.

BETSEY ROSS. A Splendid New Cannas. We consider this one of the most beautiful of the pink Cannas. A compact grower, with solid well-filled trusses, flowers always bright and fresh. About 3 feet. Each 20c; 10 for \$1.75 postpaid.

NO. 1 COLLECTION FOR CANNA BED. Round, 7 feet in diameter. 3 Indiana (center); 6 Madame Berat (next row); 12 Buttercup (outer row). These 21 plants will make a splendid bed. All properly labeled. Price \$1.80; postpaid \$2.00.

NO. 2 COLLECTION FOR CANNA BED. Round, 7 feet in diameter. 3 King Humbert (center); 6 David Harum (next row); 12 Burbank (outer row.) Will make a showy bed. Price \$2.00; postpaid \$2.25.

NO. 3 COLLECTION FOR CANNA BED. Round, 10 feet in diameter. 5 Indiana (center). 13 David Harum (next row); 19 Burbank (outer row.) These 37 plants will make a bed anyone will be proud of. Price \$3.00; postpaid \$3.40.



Longiflorum Lily.

SUMMER BLOOMING BULBS.—Continued.

DAHLIAS.

These showy and pretty flowers are becoming very popular and justly so. The Dahlia is one of the showiest of all Fall flowers, commencing to bloom in July and continuing until frost. Price named is for large roots.

CATHERINE DUEE. Decorative Dahlia. Large double flowers of fiery red color. Each 20c; 3 for 50c postpaid.

MRS. WINTERS. Decorative Dahlia. Large, elegant shaped flowers of snow white color. Each 20c; 3 for 50c postpaid.

ARABELLA. Show Dahlia. Lovely, ball-shaped flowers, a very pleasing, light shade of sulphur yellow, pink edges. Each 15c; 3 for 40c postpaid.

A. D. LIVONI. Show Dahlia. Flowers medium large, of a delicate rose color, soft and clear. Very pretty. Each 15c; 3 for 40c postpaid.

GRAND DUKE ALEXIS. Quilled Dahlia. Flowers are extra large. Color pure ivory white, tinged with delicate pink. Each 25c; 3 for 65c postpaid.

CACTUS DAHLIAS.

Undoubtedly the finest of all Dahlias. The large flowers are of beautiful cactus form with twisted petals, giving great depth to the flowers.

KRIEMHILDE. The finest of all Dahlias. Flowers extra large, outer edge brilliant pink, shading to white. Each 25c; 3 for 65c postpaid.

GENERAL BULLER. Velvety, cardinal red with crimson shadings. Very pretty. Each 20c; 3 for 50c postpaid.

GOTLINDA. A grand flower of deep golden yellow, produced on long wire-like stems. Each 20c; 3 for 50c postpaid.

HOHENZOLLEERN. Beautifully formed, large flowers of rich, orange red, with golden sheen. Each 25c; 3 for 65c postpaid.

J. H. JACKSON. Large flowers of brilliant crimson maroon, almost like black velvet. Very free flowering. Each 25c; 3 for 65c postpaid.

WINSOME. Lovely, large, creamy-white flowers. Each 20c; 3 for 50c postpaid.

FLOREADORA. (Cactus.) A most valuable addition to the cactus list. A marvel of productiveness and of exquisite form. Deep blood red; very early. Height 3 feet. Strong tubers, 20c each; \$2.00 per dozen.

DOUBLE POMPON DAHLIAS.

These are the small Boquet Dahlias that are so popular as cut flowers. They make nice plants and bloom freely.

LITTLE HERMAN. Beautiful little flowers of deep red with white tips. Each 15c; 3 for 40c postpaid.

SNOW CLAD. Finest white dwarf; an early bloomer. Each 15c; 3 for 40c postpaid.

SINGLE FLOWERED DAHLIAS.

Single Dahlias should be more largely planted. They are of real merit, very pretty. You will be agreeably surprised by their exquisite beauty.

TWENTIETH CENTURY. One of the most beautiful orchid flowering single varieties. Flowers of immense size, color intense crimson, with white disk around the center, white tips. Each 25c; 3 for 65c postpaid.

AMARYLLIS FORMOSISSIMA.

JACOBAN LILY. Splendid showy plants suitable for garden and house culture. The large, lily-like flowers are of a rich, deep velvety crimson color. It is a free bloomer and of easiest culture. For pot culture they should be well drained and potted in soil composed of leaf mold and light loam, but will grow well in any rich soil. Each 12c; 10 for \$1.00 postpaid.

CALADIUM.

ELEPHANT'S EAR. A splendid, tropical appearing plant, usually growing 4 to 5 feet high. Very showy leaves, often growing three feet long. Of easy culture. They are used to a great extent for large beds together with Cannas; also as single specimens or as groups on the lawn. For obtaining tropical effects in lawn and garden this beautiful plant takes a prominent place. Will grow in any good garden soil, but to get the best results they should have plenty of water and good rich soil. When at its best, stands six to seven feet high, with bright green leaves three to four feet long and two and one-half feet wide.

EXTRA LARGE SIZE BULBS. Each 20c; 3 for 50c. Postpaid 30c each.

LARGE SIZE BULBS. Each 12c; 3 for 30c; 10 for 95c. Postpaid 20c each.

CALLA, SPOTTED LEAF.

MRS. ROOSEVELT. One of the most satisfactory summer flowering bulbs; should be more extensively grown. The flowers are pure white, shaded violet inside. The leaves are beautifully spotted, yellow and creamy-white, making a handsome plant. Should be kept dry in winter and started in April. 10c each; 10 for 75c postpaid.

CALLA, CANARY BIRD.

A new hybrid Calla Lily with beautiful flowers of light yellow color; foliage green, spotted white. A free grower and an abundant bloomer. Fine for bedding and house culture. Try this lovely new Calla and have something different from your neighbors. Each 20c; 3 for 50c postpaid.

BLACK CALLA. A remarkable species, producing large, purplish, velvety-black flowers with coal black spathe. The foliage is stately. Price 30c each; 3 for 80c postpaid.



Cactus Dahlia



Canna. (See Page 54.)

SUMMER BLOOMING BULBS.—Continued.

TUBEROSES.

EXCELSIOR PEARL. This variety is characterized by its short robust stem and long spikes of flowers perfectly double and twice the size of the common Tuberose. Spikes frequently bear 30 to 50 flowers. They are always wax-like and pure white. Large bulbs, each 5c; per dozen 40c postpaid.

GLADIOLUS.

The Gladiolus is the most attractive of all summer flowering bulbs and deserves a place in every garden, as it is sure to flower and do well with little care. For best results they should have a sunny position and light, sandy soil. Flowers are of almost every desirable color. By cutting the spikes when two or three of the lower flowers are open and placing them in water, the entire spike will open beautifully. Plant bulbs in April or May for early, and late in June for fall blooming.

KUNDERDI "GLORY." With "Ruffled Petals." The broadly expanded, wide open flowers, paired by twos, all face in the same direction and are carried on straight stout stalks, fully 3½ feet. From three to eight of these handsome flowers are open at one time. Each petal is exquisitely ruffled and fluted. The color is a delicate cream pink, with a most attractive crimson stripe in the center of each lower petal, the shade of which is unique in Gladioli. The ruffling of the petals in this new strain has attracted much attention the world over. Price, 20c each; 10 for \$1.85 postpaid.

PRINCEPS. The \$1,000 Gladioli. Its wonderful size of flower, perfect shape, brilliant coloring, and artistic form of flower spike are each so notably an improvement over all other varieties, that all place it in the front rank. Flowers are 5 to 7 inches

broad, petals wide and rounded, forming an almost circular flower. Color is brilliant crimson carrying mostly three broad, white blotches on the lower petals. Spikes 4 feet in height produce 12 to 15 flowers. 20c each; 10 for \$1.85 postpaid.

GOLDEN NUGGET. The brightest glistening yellow of any, with a blotch of vivid crimson in the throat, broadly expanded flowers. Each 20c; 10 for \$1.85 postpaid.

KING HUMBERT. A Childisi seedling. Very large open flower, brilliant scarlet, with a white line through each petal; very showy. Each 15c; 10 for \$1.25 postpaid.

GROFF'S GOLD MEDAL GLADIOLUS. This magnificent strain has a world wide reputation. Strong, vigorous growers, perfect in form, with mammoth flowers. The size and coloring of many of the sorts included in our mixture are truly marvelous. The colors range from white to deep, dark red, with many odd combinations, striped and mottled. Finest Mixture of first sized bulbs, each 6c; 10 for 50c; 100 for \$4.50 postpaid.

OUR SUPERB GENERAL MIXTURE. Composed of fine sorts in all colors, in first size bulbs only. We have tested many brands of mixtures, some of them costing twice as much as this, but have never seen any which surpassed it in variety of coloring or general excellence. 10 for 25c; 50 for \$1.25; 100 for \$2.00 postpaid.



Calla, Spotted Leaf. (Page 55.)

CHILD'S GIANT FLOWERED GLADIOLUS. One of the finest strains ever introduced. Flowers extra large and unsurpassed in beauty and large range of colors. We offer only first size, flowering bulbs. Fancy Mixture, each 5c; 10 for 40c; 100 for \$3.50.

MONTBRETIA.

One of the brightest and best summer flowering bulbs. Plant in clumps of 6 to 12 in May or June. In larger beds they will also make a splendid showing. They greatly resemble the Gladioli in growth and produce beautiful spikes of star-shaped flowers in various shades of orange, yellow and red. Hardy with slight covering over winter, and they will improve in size of flowers when left in the ground undisturbed year after year. Mixed varieties, 3 for 10c; per doz. 30c; 100 for \$2.25 postpaid.

SUMMER HYACINTH.

(Hyacinthus Candicans.)

The flower stems grow three to four feet high and are loaded with very pretty, drooping, bell-shaped flowers of ivory white. The plant will grow well in dry soils. A splendid bulb to plant in the perennial border, as it is hardy and need not be taken up in the fall. Plant in rear of bed on account of its tall growth. Each 5c; dozen 50c postpaid.

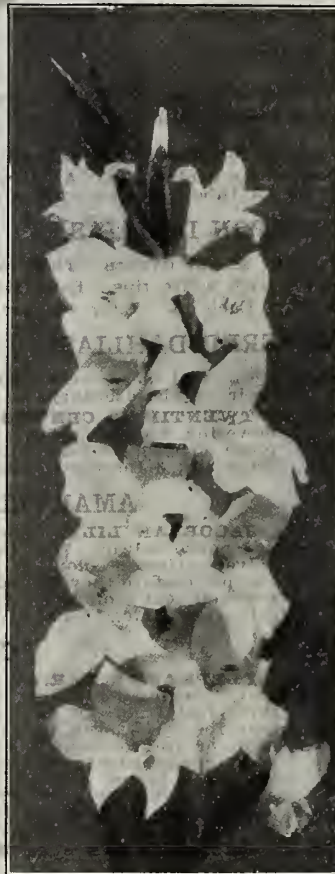
TIGRIDIA.

These gorgeous flowers look well associated with Gladioli, Lilies and kindred stock; grow about 1½ feet high, and flower freely throughout the summer. Flowers come in shades of red, yellow, white, and are spotted. They require the same treatment as Gladioli. Splendid Mixture, each 5c; per dozen 50c postpaid.

ZEPHYRANTHES.

FAIRY LILY OR ZEPHYR FLOWER.

One of the prettiest and most easily grown bulbs; very effective for masses or borders, flowering profusely all summer. Also suitable for pot culture. Put six bulbs in a six inch pot in the fall and you can have a fine display during the winter. The plants grow about eight inches in height. One of the good things in bulbous flowers that is so often overlooked, but deserves to be planted in every garden. Once planted it will always be planted again the next season. Each 5c; 10 for 45c postpaid.



Gladiolus.



Tuberose.



—:o:—

Received your letter and check O. K. Many thanks for the same. I will recommend you to my neighbors as an honest and a good company to deal with.

Fullerton, Nebr., July 9th, 1912.

MRS. KAVENY.

SEED DEPARTMENT.

On the following pages we list the standard varieties and newer sorts of merit in **Vegetable, Flower and Farm Seeds**. Every variety listed is reliable and has our recommendation.

This department is under the management of my son, Ernest Sonderegger, who has been raised in our seed business and has also worked in Seed Houses in Germany. All orders entrusted to us will be conscientiously and promptly filled and dispatched.

Our Seeds are not grown on a basis of cheapness, but of quality, yet we aim to quote every item at reasonable prices, being satisfied with a small percentage of profit. It takes great care, costs much time and money to produce our **Selected Stock of Seeds** and such seeds cannot be sold cheaply. We do not handle cheap seeds.

This catalogue is intended to appeal to those seed buyers who want first class stock at the lowest prices consistent with such stock, buyers who can appreciate honest descriptions and illustrations, and who expect to receive seeds just as represented.

Owing to the unfavorable growing season the past year, there are decided shortages in crops, and therefore prices rule somewhat higher. We advise customers to order early, as some items will not be procurable at any price later in the season.

MARKET GARDENERS trade is especially invited; we can please you and all we ask is to give us a trial. Special Wholesale Price List for Market Gardeners is sent free to all who buy bulk seeds in large quantities.

WHEN TO ORDER. We will be prepared to fill seed orders when this catalogue reaches you, and we will be greatly obliged to our customers if they would order early, to avoid the rush which always comes late in the spring. Send in your combined orders of trees, seeds and plants, and we will send seeds at once and trees and plants when time for planting comes in your locality. You will find two places on the order sheet in our catalogue, one for trees and plants, and one for seeds. You will help us very much and there will be less delay in filling orders, if you will use spaces as indicated.

REMITTANCES can be made by P. O. Money Order, Express Money Order, or Bank Draft, and full amount should be sent with each order to avoid delays in shipping.

OUR RESPONSIBILITY. All those who have never dealt with us we refer to "Union State Bank," "Beatrice National Bank," or "Bradstreets" and "Dunn's" reports. We have been in business for the past 27 years and fulfill our promises.

POSTPAID BY MAIL. We deliver postpaid by mail or express any seeds offered in this catalogue "By Mail Postpaid."

SEEDS BY EXPRESS OR FREIGHT means that we will deliver them to Express or Railroads here, and the purchaser pays all transportation charges on receipt of goods. We send **\$10.00 orders of trees and plants freight prepaid**, but cannot do so on seeds, except in packets, ounces and pounds, at mailing price.

SPECIAL DISCOUNT ON SEEDS IN PACKETS. For every \$1.00 remitted for seeds in packets and ounces, you can order 25c worth of packets extra, thus: For \$1.00 sent order \$1.25 worth. For \$2.00 sent order \$2.50 worth, and so on. Remember this applies to seeds in packets and ounces only. All collections are excluded from this special discount. On orders for less than \$1.00 we give six 5c packets for 25c or twelve 5c packets for 50c. This offer does not apply when discount is taken as per first offer in this paragraph.

GUARANTEE ON SEEDS. While we exercise the greatest diligence and care to have all our seeds true to label and of best quality, we wish it understood that we give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds we send out, and will not in any way be responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once. Subject to above conditions we make sales at the very moderate prices at which we sell our goods. German Nurseries and Seed House.

FOREIGN ORDERS. To our customers in Australia, New Zealand, Mexico and other countries we will ship Vegetable and Flower Seeds in packets, ounces and pounds, at mailing prices, provided the order amounts to \$1.00 or more. For all Canada orders by mail, the amount of 8c per lb., or 15c per qt. must be added to our postpaid price.

NOVELTIES AND SPECIALTIES ARE LISTED ON PINK PAGES IN FRONT OF CATALOGUE.

\$1.00

COLLECTION OF BEST VEGETABLES.

\$1.00

36 VARIETIES, ALL GOOD RELIABLE SORTS.

This collection consists of one full sized package each of the following kinds:

- | | | |
|-----------------------------------|-------------------------------|------------------------------|
| Early Yellow 6 Weeks Bean. | Early Curled Lettuce. | Early Scarlet Turnip Radish. |
| Cut Short or Corn Hill Pole Bean. | Hanson Head Lettuce. | Cincinnati Market Radish. |
| Blood Turnip Beet. | Emerald Gem Musk Melon. | Long Standing Spinach. |
| Snowball Cauliflower. | Dixie Watermelon. | Hubbard Squash. |
| Early Wittingstadt Cabbage. | Kolbs Gem Watermelon. | Mammoth Salsify. |
| Premium Flat Dutch Cabbage. | Southport Yellow Globe Onion. | New Stone Tomato. |
| Half Long Danvers Carrot. | Red Wethersfield Onion. | Trophy Tomato. |
| Golden Dwarf Celery. | Moss Curled Parsley. | White Flat Dutch Turnip. |
| Early Minnesota Sweet Corn. | First and Best Peas. | Yellow Rutabaga. |
| Imp. White Spine Cucumber. | Guernsey Parsnip. | Dwarf German Kale. |
| Green Curled Endive. | Ruby King Pepper. | Garden Cress. |
| Large London Leek. | Large Cheese Pumpkin. | Mixed Herbs. |

THESE 36 PACKAGES WILL BE SENT BY MAIL TO ANY ADDRESS IN THE U. S. FOR ONLY \$1.00. REGULAR PRICE WOULD BE \$1.90.

50c

LARGE FLOWER GARDEN COLLECTION.

50c

25 REGULAR SIZE PACKETS OF CHOICE FLOWER SEEDS FOR 50c POSTPAID.

- | | | | | |
|--------------|----------------|----------------------|------------|---------------|
| Alyssum. | Calliopsis. | Dianthus. | Pansy. | Sweet Peas. |
| Amaranthus. | Calendula. | Escholtzia. | Petunia. | Verbena. |
| Antirrhinum. | Candytuft. | Dwarf Morning Glory. | Poppy. | Wallflower. |
| Asters. | Chrysanthemum. | Marigold. | Portulaca. | Zinnia. |
| Balsams. | Centaurea. | Nasturtium. | Scabiosa. | Cypress Vine. |

25c

POPULAR COLLECTION.

25c

Twelve regular size packets of nice varieties, all Annuals.

- | | | | |
|-------------|-------------|----------|-------------|
| Asters. | Dianthus. | Pansy. | Sweet Peas. |
| Calliopsis. | Escholtzia. | Petunia. | Verbena. |
| Campanula. | Mignonette. | Poppy. | Zinnia. |

NOTICE.—These Collections will not be changed and our other Discount Offers do not apply to orders for these Collections.



VEGETABLE SEEDS.

Every effort possible is used in the selection of our seeds, and we feel justified in saying that all our seeds are the **PUREST AND BEST** to be had. The packages are, we believe, better filled than most seedsmen send out, while our prices are as low as those of any other reliable firm.

NOVELTIES AND SPECIALTIES ARE DESCRIBED ON COLORED SHEETS, IN FRONT OF CATALOGUE.

ARTICHOKE.

Seeds may be sown indoors and plants potted same as the Tomato and set out in May, or can be sown in hills outside, and thinned out to one plant in a hill. The plants thrive best in deep, rich soil, where the water will not lodge about them in winter. Plants are set in rows 3 feet apart and 2 to 3 feet apart in the row.

LARGE GREEN GLOBE. The well known French vegetable. The undeveloped flower heads when properly prepared make a most delicious dish. Packet 5c; ounce 30c; $\frac{1}{4}$ lb. \$1.00 postpaid.

ASPARAGUS.

In early spring sow the seed, after soaking it 24 hours in warm water, in drills one foot apart, and one inch deep. During the summer keep the soil mellow and free from weeds, thinning the plants to four inches apart. The following spring transplant them into permanent beds that have been deeply dug and highly manured. 1 ounce of seed to 50 feet drill; 5 pounds to the acre.

EARLY GIANT ARGENTEUIL. The earliest large green sort. Best for gardeners. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.00 postpaid.

CONOVER'S COLOSSAL. A mammoth green sort of the best quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 60c postpaid.

PALMETTO. An early green sort, prolific and very desirable. Is fast becoming the favorite everywhere. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c postpaid.

COLUMBIAN MAMMOTH WHITE. This variety is in great demand because it furnishes white shoots. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 80c postpaid.

BONVALLET'S GIANT. The most vigorous and healthy of all varieties of Asparagus and the best for both home and market use. In those localities where once tried, this sort soon displaces all others. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25 postpaid.

ASPARAGUS ROOTS. See page 28.

BORECOLE OR KALE.

The best plant for furnishing "greens." The greens are for fall, winter and spring use. Sow seed about the middle of June and later transplant to rows $2\frac{1}{2}$ to 3 feet apart. The dwarf sorts may be sown later. Frost improves the quality. 1 ounce will produce 2000 plants.

DWARF GREEN GERMAN. Hardier than Cabbage, leaves very tender, finest flavor. Immense quantities are grown in the South and shipped to northern markets. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c postpaid.



Borecole, Dwarf German.

DWARF PURPLE GERMAN. A variety of the preceding, and identical with it, except in color, which is a beautiful deep purple. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.00 postpaid.

TALL GREEN CURLED SCOTCH. This is one of the most popular varieties. It is very hardy, and is much improved by frost. Grows two feet high. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 85c postpaid.

BRUSSELS SPROUTS.

One of the best vegetables for winter use, producing an abundance of sprouts, resembling small cabbages; of excellent, mild flavor. By sowing in April and planting out in July, it may be had in fine condition until December, and in the South from November to March.

IMPROVED DWARF. Of dwarf habit, a healthy grower, finest quality. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25 postpaid.

BROCCOLI.

Sow seed in Central West early in May, transplant in June. Growth and habit like Cauliflower, but far more hardy. Of special value in the North. One ounce produces 2500 plants.

LARGE WHITE. Large white heads. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

CHICORY.

The leaves are used as salad; roots are used to mix with or be substituted for coffee. Cultivate same as parsnips. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 65c postpaid.

CHUFAS.

EARTH ALMOND. Small ground nut greatly liked by children. In sweetness and flavor they resemble cocoanut or almond and are considered very nice to put on the table with candies, and as an after dinner relish.



COLLARDS.

GEORGIA MAMMOTH. A form of Cabbage extensively grown in the South for greens. Improved by slight freezing. Cultivate same as cabbage. Pkt. 5c; oz. 10c; ¼ lb. 30c.

CORN SALAD OR FETTICUS.

This small salad is used during the winter and spring months as a substitute for lettuce and is cooked and used like spinach. Sow seed in shallow drills one foot apart during August or September or early in the spring. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c postpaid.

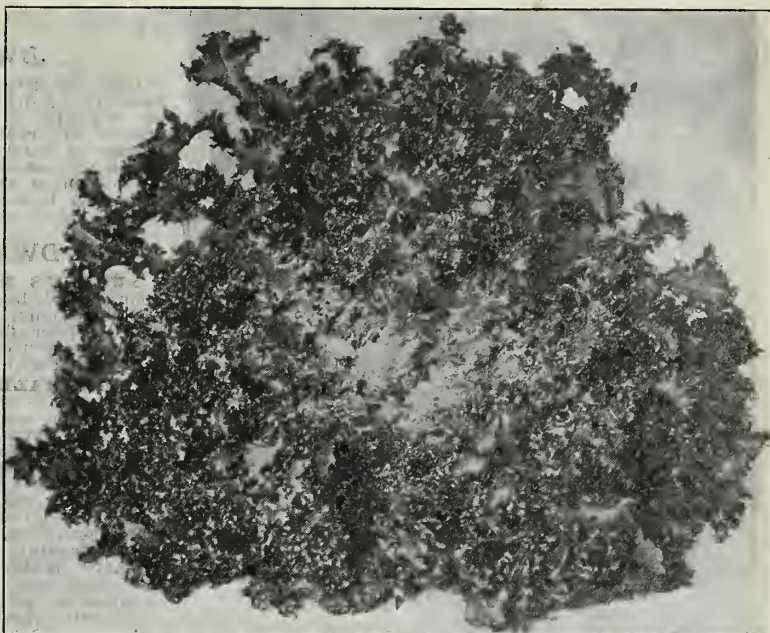
CRESS OR PEPPER GRASS.

Cress should be sown in a sheltered spot in shallow drills. Sow seed thickly. Ready for use in a month. For continued use sow every few weeks.

CURLED GARDEN. Much used with lettuce to the flavor of which its warm pungent taste makes a most agreeable addition. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 50c postpaid.

UPLAND. Has the highly prized flavor of water cress. It is so hardy as to be green nearly the whole year and is ready for use before any other salad in the spring. Pkt. 5c; oz. 15c; ¼ lb. 45c.

ERFURT WATER CRESS. The pleasant and peculiar flavor of the water cress causes it to be highly esteemed for table use. Will grow along margins of streams, creeks and ponds. Pkt. 10c; oz. 25c; ¼ lb. 75c postpaid.



Green Curled Endive.

EGG PLANT.

NEW YORK IMPROVED LARGE PURPLE. This variety has about superceded all others both for market and home use. Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.25.

BLACK GIANT SPINELESS. Fruit large, jet black, of attractive appearance and spineless. Recommended for market and home use. Pkt. 10c; oz. 30c; ¼ lb. \$1.00.

WHITE PEARL. Best white variety. Fruit round, very tender and of excellent quality. Ripens early and is very productive. Pkt. 5c; oz. 30c; ¼ lb. 95c.

ENDIVE.

Ready for the table in 45 to 50 days from seed. 1 oz. to 100 feet of drill. One of the best autumn and winter salads. Sow from June until August, one-half inch deep in drills 14 inches apart and thin out to 1 foot apart in rows. When nearly full grown bleach by tying the tips of the leaves.

GREEN CURLED. Large and well adapted to this soil and climate. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

BROAD LEAVED BATAVIAN. A large summer variety, productive. One of the best. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

GIANT FRINGED WINTER. Best for late planting. Leaves large, very curly, of fine flavor. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50 postpaid.

KOHLRABI.

SACH'S WHITE DELICIOUS. Undoubtedly the finest market sort. Flesh white, tender and of delicate flavor. Ripens very early; foliage erect, short leaves. Hardier than any other variety. Pkt. 10c; oz. 25c; ¼ lb. 90c; lb. \$3.00.

EARLY WHITE VIENNA. Finest market sort. Flesh white, tender and of delicate flavor. Better tasting than turnips. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.65 postpaid.

EARLY PURPLE VIENNA. Bluish purple; similar to above except in color. Flesh white. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.65 postpaid.

LEEK.

A species of onion highly esteemed for flavoring soups. Sow in middle of spring; when plants are 3 to 4 inches high transplant.

LARGE LONDON. The variety most generally grown and the best market sort. A large, strong plant, with broad leaves of mild, pleasant flavor. Hardy. Pkt. 5c; oz. 15c; ¼ lb. 55c; lb. \$2.00 postpaid.

GIANT PRIZETAKER. On account of its size and attractive appearance, this variety is ideal for growing to show at exhibitions and market. In quality it is better than any other variety the white stems being of mild flavor. Pkt. 10c; oz. 25c; ¼ lb. 80c.

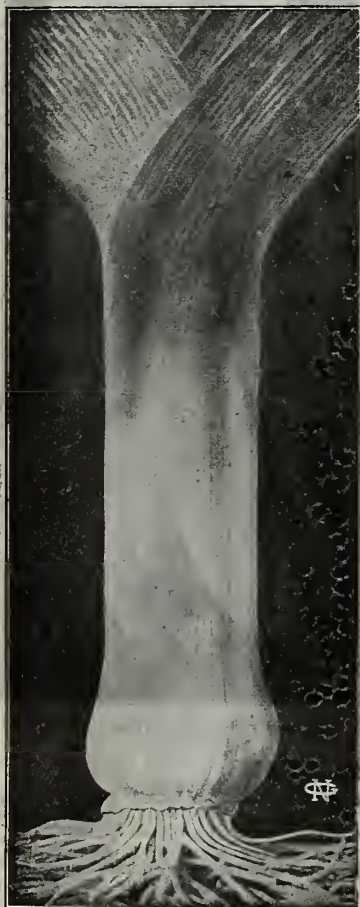
LENTILS.

Used in oriental countries as principal article of diet. Splendid for soups. Cultivate same as peas. Large Pkt. 5c; lb. 40c.

MUSTARD.

WHITE. Best for salad and culinary purposes. Oz. 5c; ¼ lb. 15c; lb. 40c.

SOUTHERN GIANT CURLED. Highly esteemed in the south where seed is sown in fall and plants used early in spring as a salad. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 80c.



Giant Prizetaker Leek.



White Vienna Kohlrabi.

BEANS.

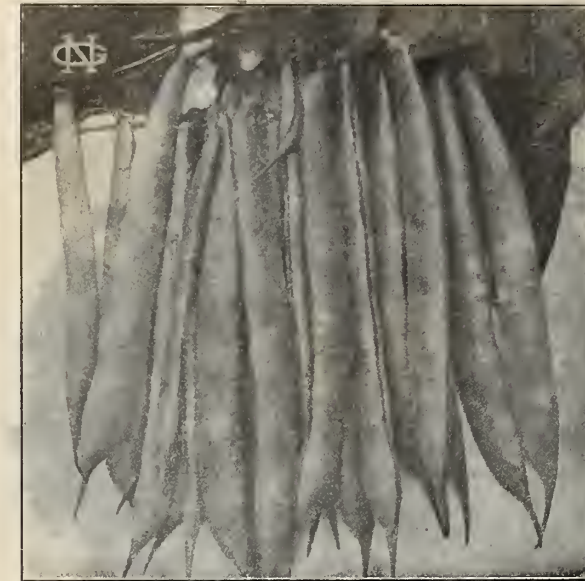
DWARF OR BUSH VARIETIES.

Plant in drills $1\frac{1}{2}$ inches deep and drop the beans 3 inches apart in the drills. The rows should be 2 to 3 feet apart. Beans are sensitive to both cold and wet, and cannot be planted until danger of frost is past and the ground has become dry and warm. A sandy loam is best. Up to the time of blossoming the plants should have frequent shallow cultivation. For succession plant every two weeks. 1 quart will plant 100 feet of drill; $1\frac{1}{2}$ bushels per acre. Deduct 15c from quart price if to be sent with other goods at your expense.

DWARF GREEN POD VARIETIES.

BURPEE'S NEW STRINGLESS. Considered the best green podded bush bean for general planting and for the market. The pods are long, full and straight, entirely stringless and of a crisp, tender flavor. For the market gardener this is a very profitable sort on account of its earliness and good quality. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 45c postpaid. $\frac{1}{2}$ pk. \$1.00; pk. \$1.75 not prepaid.

BLACK VALENTINE. A great improvement over the popular standard sort Early Red Valentine, being one-third longer; pods perfectly round, straight, although not quite so early. It has the additional advantage of being suitable both for early and late planting, being extremely hardy. A most desirable sort for market gardeners, owing to its enormous yielding quality.



Early Yellow Six Weeks.

ities, large and handsome appearance. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 50c postpaid. $\frac{1}{2}$ peck \$1.00; peck \$1.75; bu. \$6.50 not prepaid.

BEST OF ALL. A popular and very prolific sort. Pods nearly twice as long as those of Valentine, very fleshy, tender, stringless, and of excellent flavor. Pkt. 5c; $\frac{1}{2}$ pt. 10c; qt. 30c postpaid. $\frac{1}{2}$ peck 65c; peck \$1.10; bu. \$4.25 not prepaid.

IMPROVED RED VALENTINE. Grows robust and vigorous, producing the round, curved pods very abundantly. The pods are remarkably fleshy and very tender, and remain on the plant a long time without becoming hard. Excellent in quality and uniformity of ripening. Nearly the whole crop can be taken at one picking. Pkt. 5c; $\frac{1}{2}$ pt. 12c; qt. 30c postpaid. $\frac{1}{2}$ pk. 70c; pk. \$1.25; bu. \$4.50 not prepaid.

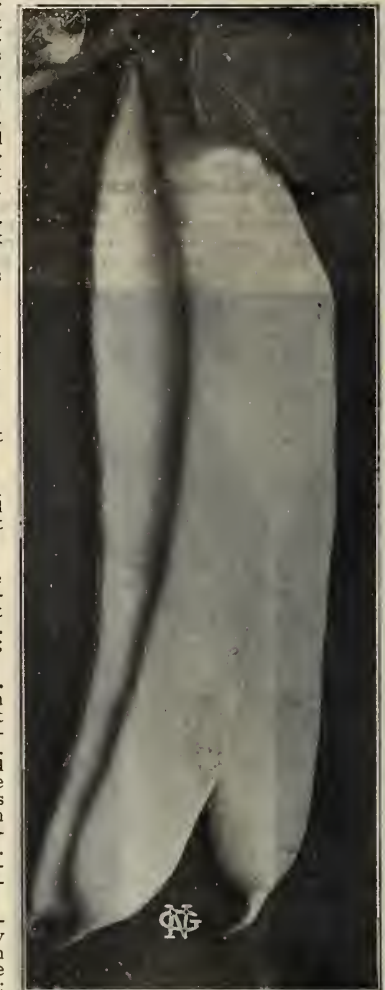
EARLY REFUGEE OR THOUSAND TO ONE. Very hardy, suitable for early and late planting. Pods are perfectly round, of pale green color, thick and fleshy, straight and with but few strings. Especially desirable for pickling. Pkt. 5c; $\frac{1}{2}$ pt. 10c; qt. 30c postpaid. $\frac{1}{2}$ pk. 60c; pk. \$1.10; bu. \$4.25 not prepaid.

EARLY YELLOW SIX WEEKS. Very early and a good yielder. Grows erect and bushy, producing edible pods 30 days after germination. The pods are long, flat and straight. A standard sort and excellent snap bean. Very popular among market gardeners. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 35c postpaid. $\frac{1}{2}$ pk. 65c; pk. \$1.20; bu. \$4.25 not prepaid.

LONGFELLOW STRINGLESS. The vines are of robust growth, and produce the pods in truly wonderful profusion. Pods are extra long, round and fleshy, very tender and absolutely stringless. As an early snap bean and for canning purposes it is unexcelled. Pkt. 5c; $\frac{1}{2}$ pt. 10c; qt. 30c postpaid. $\frac{1}{2}$ pk. 65c; pk. \$1.15; bu. \$4.50 not prepaid.

EARLY ERFURT BROAD BEAN. An improvement of the old English Broad or Windsor Bean. The plant is of robust and upright growth, entirely different from any other bean. Pods are very long, broad and filled with 5 to 9 beans of extra large size and of most delicate flavor. The beans are used shelled and are superior in quality to Lima Beans. Can be planted early as they are quite hardy. Pkt. 10c; $\frac{1}{2}$ pt. 20c; pt. 35c; qt. 60c postpaid. $\frac{1}{2}$ pk. \$1.15; pk. \$2.00 not prepaid.

BOSTON PEA BEAN. An improvement over the old Navy Bean. A very prolific field bean, and largely grown in all sections where field beans are grown in a commercial way. Pkt. 5c; $\frac{1}{2}$ pt. 10c; qt. 30c postpaid. $\frac{1}{2}$ pk. 60c; pk. \$1.10; bu. \$4.10 not prepaid.



Wardwell's Kidney Wax. (Page 61.)

BUSH LIMA BEANS.

Select land that is especially warm, rich and well supplied with vegetable fibre or humus. Plant as soon as the soil has become warm in the spring. Make rows 2 feet apart and give to each plant 10 inches space in the row.

HENDERSON'S BUSH LIMA. This is a dwarf form and the earliest of the Limas. It grows about 18 inches high and produces immense crops of delicious beans. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 45c postpaid. $\frac{1}{2}$ pk. 80c; pk. \$1.50 not prepaid.

BURPEE'S BUSH LIMA. This is the true bush form of the Lima Pole Beans. It grows vigorously to a height of 18 to 20 inches, yielding from 50 to 100 pods, similar to those grown on the large Lima Pole Bean. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 50c postpaid. $\frac{1}{2}$ peck \$1.00; peck \$1.85 not prepaid.

DREER'S BUSH LIMA. Very prolific, single plants often producing from 150 to 200 pods, each pod holding 3 to 5 beans of excellent flavor. Does well even in a dry season and is well adapted for our western climate. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 50c postpaid. $\frac{1}{2}$ pk. \$1.25; pk. \$2.35 not prepaid.



Henderson's Bush Lima.

WAX PODDED BUSH BEANS.

HODSON WAX. Produces a healthy growth of foliage, resists rust and blight, and is remarkably prolific, with long, straight, light yellow, oval shaped pods. The pods are brittle and tender, and if picked when young are entirely stringless. One of the best late or main crop wax beans for home garden or market. Pkt. 5c; ½ pt. 15c; qt. 40c postpaid. ½ pk. 75c; peck \$1.40; bu. \$5.25 not prepaid.

MICHIGAN WHITE WAX. See Novelties on pink sheets. Page 6.

GERMAN BLACK WAX. Well known in many localities as Butter Beans. A very superior snap bean, ripening among the first earliest and almost as well suited for late planting. It is a sturdy grower and yields well. Pods are round, yellowish-white, tender and of fine flavor. Continues in bearing a long time. Seeds are glossy black. Pkt. 5c; ½ pt. 15c; qt. 35c postpaid. ½ pk. 80c; peck \$1.40; bu. \$5.00 not prepaid.

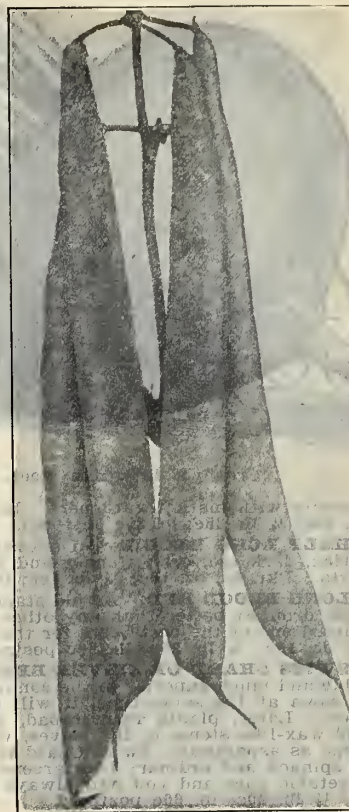
IMPROVED GOLDEN WAX. The standard variety of wax beans, well known and largely planted by market gardeners everywhere. Pods large, long, brittle, entirely stringless, and of a beautiful rich golden color. As a snap bean it excels most other varieties in tenderness and rich buttery flavor, while as a shell bean for winter use, it has few or no superiors. Seeds white, mottled brown and purple. Pkt. 5c; ½ pt. 15c; qt. 40c postpaid. ½ pk. 85c; pk. \$1.60; bu. \$5.25 not prepaid.

CONTINUITY BRITTLE WAX. An early prolific wax bean that continues in bearing longer than other kinds. Pods long, round, of beautiful yellow color; very brittle and tender of extra fine quality. Pkt. 10c; ½ pt. 20c; pt. 30c; qt. 50c postpaid. ½ pk. \$1.00; pk. \$1.75; bu. \$6.50 not prepaid.

WARDWELL'S KIDNEY WAX. Hardy and productive. Pods flat, of a delicate, waxy yellow and very brittle. Seed white, mottled brown around the eye. A favorite with market gardeners and one of the best kinds for a main crop and field planting. Pkt. 5c; ½ pt. 12c; qt. 35c postpaid. ½ pk. 80c; pk. \$1.50; bu. \$5.00 not prepaid.

NEW ROYAL WAX. Plant vigorous, large, without runners, spreading, with large leaves. Pods 5 inches long, round, of waxy-yellow color; very brittle, entirely stringless, and unsurpassed in quality. Very early, as prolific and tender as the Crystal Wax. Much in demand by market gardeners and for the home garden. Pkt. 10c; ½ pt. 20c; quart 50c postpaid. ½ pk. \$1.00; peck \$1.85; bushel \$6.00 not prepaid.

DAVIS WHITE KIDNEY WAX. Immensely productive, bearing many clusters of handsome pods. The pods are straight and clear waxy-white, 5 to 6 inches long. In quality they are tender, crisp and of good flavor. One of the best Wax beans for canning purposes as it does not discolor, and of the greatest value for market or the home garden. Pkt. 5c; ½ pt. 12c; qt. 35c postpaid. ½ peck 75c; peck \$1.40; bu. \$5.00 not prepaid.



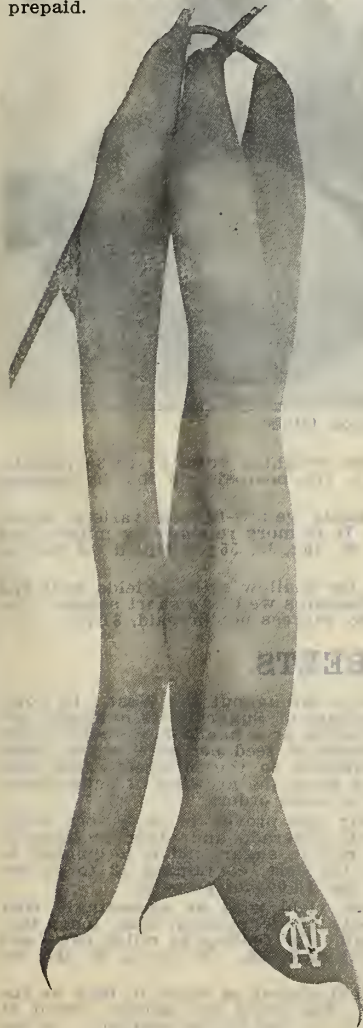
Burpee's New Stringless. Page 60.

POLE OR RUNNER BEANS.

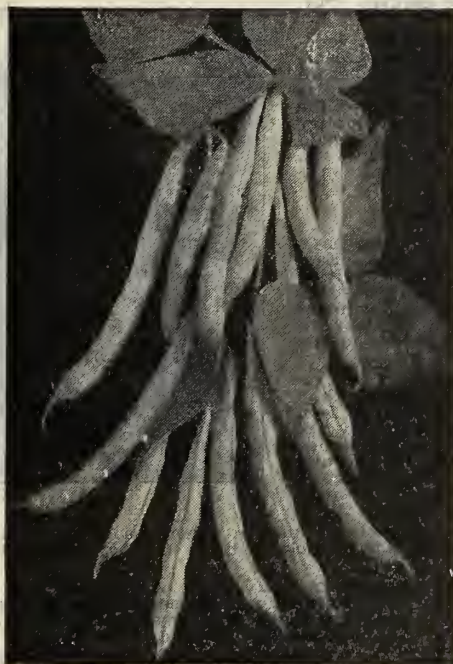
Beans should be planted middle of May. Set poles 4 feet apart each way, and plant 4 to 6 beans about an inch deep around each pole. Thin out to three plants to a pole, if the soil is rich; pinch off the plants when they over-run the top of the poles. They succeed best in sandy loam. 1 quart will plant about 100 hills.

GOLDEN CLUSTER WAX. It bears profusely its long golden pods in clusters of three to six, from the middle of July until cut by frost. Pods are 7 to 8 inches long and about an inch in width. They are fleshy, absolutely stringless and very brittle, while their flavor is delicious. Pkt. 10c; ½ pt. 20c; qt. 60c postpaid. By express ½ pk. \$1.35; pk. \$2.50 not prepaid.

LAZY WIFE. As its name indicates, a handful of choice stringless pods at a single grab. The pods are broad, thick, very fleshy and entirely stringless and possess a rich buttery flavor when cooked. Beans are white



Golden Cluster Wax.



New Royal Wax.

and make a good dry bean for winter use. Pkt. 5c; ½ pt. 15c; qt. 45c postpaid. ½ pk. 95c; pk. \$1.75 not prepaid.

CUT SHORT OR CORN HILL. An old popular variety for planting with corn. Pods short, round, and tender; beans nearly round, white with reddish-brown spots. Pkt. 5c; ½ pt. 12c; qt. 35c postpaid. ½ pk. 70c; pk. \$1.25 not prepaid.

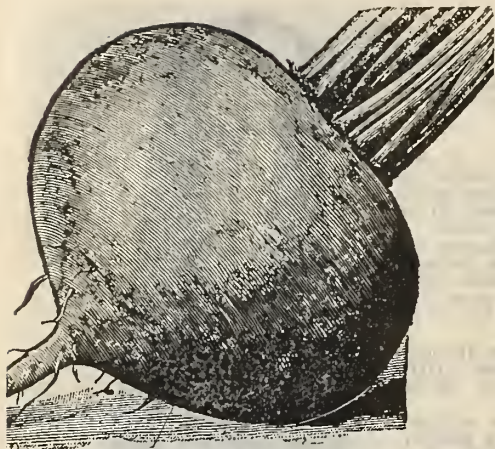
KENTUCKY WONDER OR OLD HOMESTEAD. Vine vigorous, very productive, bearing its pods in clusters; pods green, very long, often reaching nine or ten inches, nearly round and very crisp. Ten days earlier than any other green podding pole bean. Good market sort. Pkt. 5c; ½ pt. 15c; qt. 40c postpaid. ½ pk. 80c; peck \$1.50 not prepaid.

EXTRA EARLY JERSEY LIMA. This variety matures earlier than the Large White Lima. Pods contain three and four large beans each. Splendid quality. Good market sort. Pkt. 5c; ½ pt. 15c; qt. 45c postpaid. ½ pk. \$1.00; pk. \$1.75 not prepaid.

LARGE WHITE LIMA OR BUTTER. Productive, large flat pods; rich and of finest flavor. The dry beans are white. Pkt. 5c; ½ pt. 15c; qt. 40c postpaid. ½ pk. 75c; pk. \$1.40 not prepaid.

YARD LONG. A great curiosity, and withal a bean of excellent quality! Pods are usually 18 to 24 inches but frequently 30 inches and sometimes 36 inches in length. An excellent table vegetable, the pods being tender and of a rich asparagus flavor. Per packet 10c; 3 packets for 25c.

SCARLET RUNNER. Grown extensively for ornamental purposes, as flowers are of a most brilliant scarlet and borne in profusion. Beans are broad and flat, and of a fine flavor when cooked. A hardy, vigorous grower. Pkt. 10c; ½ pt. 20c; qt. 60c postpaid.



Crosby's Egyptian Beet.

favorite with market gardeners. Is of globe shape, deep blood red flesh, very tender and juicy and a good keeper. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c postpaid.

HALF LONG BLOOD. An entirely distinct variety, and the best for winter use. The roots are thick and smooth; flesh a rich, dark red, crisp, tender and very sweet, never becoming woody and retaining the excellent quality longer than other sorts. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

LONG BLOOD RED. An old standard variety. Matures rather late, but is of fine quality and is an excellent keeper. Resists drought better than any other variety and is considered one of the best beets for the home garden. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 80c postpaid.

SWISS CHARD OR SILVER BEET. A distinct vegetable and much superior to the common beets for greens. If sown at the same time, it will be fit to use before them. Later, plants form broad, flat, beautiful white and wax-like stems to the leaves, which are cooked the same as asparagus. Swiss Chard is of superior quality to spinach and ordinary beet greens. Try this splendid vegetable once and you will always plant it again. Oz. 5c; ¼ lb. 20c; lb. 60c postpaid.

MANGEL WURZELS.

Extensively grown for feeding stock. No crop pays the farmer and stock raiser better than mangels. Easily grown and they keep your stock in good condition and free from disease. The mangel is a surer crop than any other root, withstands drought better and is more fattening than the turnip. Sow in April or May in drills three feet apart, and thin out to 10 inches in the row. 5 to 6 lbs. of seed per acre.

GIANT HALF SUGAR MANGEL. The roots of this new mangel are more valuable, pound for pound, than those of the best strains of Sugar Beets, supplying food and very much higher nutritive value, and not only are they of better quality, but they yield more than twice as much. The roots grow partly out of the ground which renders the harvesting very easy. Oz. 5c; ¼ lb. 20c; lb. 65c postpaid. 5 lbs. by express not prepaid \$2.50.

MAMMOTH LONG RED. This is an enormously productive variety, a single root often weighing from 20 to 30 pounds. It is the best long Mangel, and of great value for stock feeding. Oz. 5c; ¼ lb. 20c; lb. 70c postpaid. 5 lbs. by express not prepaid, \$2.50.

GOLDEN TANKARD. The best Yellow Mangel in cultivation. A distinct and valuable yellow-fleshed variety which contains a large percentage of sugar. It is more relished by milch cows and sheep than any other. Oz. 5c; ¼ lb. 15c; lb. 55c postpaid. 5 lbs. by express not prepaid, \$2.00.

RED GLOBE. An excellent variety for shallow soils. Yields well and is of high feeding value. Is early and matures well in a short season. Oz. 5c; ¼ lb. 15c; lb. 50c postpaid. 5 lbs. by express not prepaid, \$1.75.

SUGAR BEETS.

Sugar Beets are grown on a large scale throughout the West. In Colorado large tracts are devoted to the culture of Sugar Beets annually and the crop is sold to the Beet Sugar Factories at a handsome profit for the planter. When planted for this purpose 12 to 20 pounds of seed per acre is the usual quantity. For stock feeding the Sugar Beets are superior to the Mangels. Our seed is grown by the foremost growers in Europe, who have made the growing of sugar beets their specialty for many years. Write us for prices on large orders.

KLEIN WANZLEBEN. Selected Stock. This variety has proved to be a very valuable sort, not only in foreign countries, but as well in Colorado and other sections of the country. It has a rather long, slender root, very rich in sugar, and it is claimed to yield under average conditions about sixteen tons to the acre, containing 12 to 13 per cent of sugar. Oz. 5c; ¼ lb. 15c; lb. 35c postpaid. 10 lbs. \$2.00 not prepaid.

FRENCH RED TOP. It unites capacity for a large yield with an exceedingly rich flesh, making it the best kind for cattle feeding. Roots above medium size, long, top-shaped; flesh fine grained and very sweet. Of much value for feeding to milch cows and will add greatly to the milk production as well as to its richness. Oz. 5c; ¼ lb. 15c; lb. 40c postpaid. 10 lbs. \$2.25 not prepaid.

LANE'S IMPERIAL. Grows to a large size, will yield almost as much in bulk as the best Mangels, and contains a large percent of sugar. The roots are smooth, broad at the shoulder, and gradually taper to the base. Oz. 5c; ¼ lb. 15c; lb. 35c postpaid. 10 lbs. \$2.25 not prepaid.



Crimson Globe.

Klein
Wanzleben
Sugar
Beet.

CABBAGE.

For early summer use sow in hotbed in February or March. Before transplanting to open ground the plants should be hardened off by exposing them gradually to the night air. For winter use sow in the open ground in May or June. When five or six inches high, transplant in rows two feet apart one way, and 12 to 18 inches the other, according to variety, burying to the first leaf, whatever the stem length. Hoe frequently, drawing the earth up about the plants until they begin to head. Requires a rich, deep soil. One ounce will produce 3000 plants. Use "Slug Shot" to kill worms and insects. Dusting with tobacco dust, insect powder, etc., or splashing with hot soapsuds, especially Whale-Oil Soap Solution, are good remedies for some of the insect pests attacking the plants.

TRUE EARLY JERSEY WAKEFIELD. Selected Long Island Grown Stock. Considered the very best first early variety suited for market and family use. The heads begin to mature the latter part of June and may be cut in succession for several weeks. Heads are solid and conical in shape, with blunt point, and have but few outside leaves. Most gardeners depend on this cabbage for the bulk of their early crop. Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.50 postpaid.

EARLY SPRING. This famous extra early cabbage is of the type of the Early All-Head, but with a smaller head, maturing about the same time as the Wakefield. One of its claims to superiority is the remarkable uniformity of the heads. It is round in shape, slightly flattened, even when young. Has very small outside leaves, allowing close planting. In productiveness it is second to none of all early varieties. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00 postpaid.

ALL SEASONS. (Or Vandergaw.) One of the best sorts for market gardeners, as it forms large, solid heads, much larger than the Early Summer and about as early; when planted later, it makes a first class Fall and Winter sort. One of its main qualities is its almost absolute certainty to head. A most excellent variety either for early or for fall and spring market. Pkt. 5c; oz. 20c; ¼ lb. 55c; lb. \$1.90 postpaid.



Early Jersey Wakefield.

its almost absolute certainty to head. A most excellent variety either for early or for fall and spring market. Pkt. 5c; oz. 20c; ¼ lb. 55c; lb. \$1.90 postpaid.

EARLY WINNINGSTADT. A well known and very popular variety. Early, heads large, decidedly conical. Solid and hard even in summer. A very sure heading variety, valuable for early use, and also for late planting to be used for winter cabbage. Pkt. 5c; oz. 20c; ¼ lb. 55c; lb. \$1.85 postpaid.

THE GLORY. Best early sure heading variety. It is a vigorous grower, forming large, compact heads of a nice yellowish-green color. Few outer leaves. Heads round. Excellent market sort, combining all the good qualities one may expect of an early cabbage. Pkt. 10c; oz. 35c; ¼ lb. 90c; lb. \$2.75 postpaid.

NEW IDEAL. The largest early round headed variety, and most solid early cabbage grown. A vigorous grower, forming large, compact hard heads with only a few outer leaves, which enable it to be planted close together. Color a nice yellowish-green. Unexcelled in flavor, unequalled in quality, sells readily at good prices in any market. Excellent for first early and late plantings. Pkt. 10c; oz. 30c; ¼ lb. \$1.00 postpaid.

NEW CENTURY. The very best late Cabbage for general use, being very hard and sure to head when most sorts fail. It seems to suffer less from the Cabbage worm than any other variety. Plant is very compact, with short, thick leaves. The heads are large, regular, very hard, slightly flattened, and keep well both summer and winter. A good variety for the market gardener as well as the farmer, considering its large, solid heads and good keeping qualities. Pkt. 10c; oz. 30c; ¼ lb. 90c; lb. \$2.75 postpaid.



Sure Head.

EARLY FILDEEKRAUT. (Or Earliest Pommerian.) An extra-early variety with pointed, solid heads. Many gardeners consider this the earliest variety and surest header of all early cabbages. The heads are of good size, with but few outer leaves. Owing to its great drought resisting qualities this cabbage is especially recommended for our western states. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.85 postpaid.

SURE HEAD. A well known variety, producing large, round heads, slightly flattened and is remarkable for its certainty to head. A vigorous grower and one of the best cabbages for late or main crop. Heads are remarkably uniform, very hard and exceedingly fine in texture, weighing about 10 to 15 lbs. each. Of very fine flavor, a fine keeper and good shipper. Every market gardener and farmer will be suited with this splendid cabbage. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50 postpaid.

BRUNSWICK LARGE LATE FLAT. Very fine late variety with short stem, producing large, fine heads, which are uniform in size and always very solid. Quality the very best. The heads maintain their shape and solidity during the period of storage. Can be grown either as second early or late sort. One of the finest sorts for "kraut." Packet 5c; oz. 25c; ¼ lb. 75c; lb. \$2.50 postpaid.



Brunswick Large Late Flat.

CABBAGE.—Continued.

Danish Ballhead.

fall and winter variety, and one of the very best to keep. No cabbage is so universally grown as this. Pkt. 5c; oz. 20c; ¼ lb. 70c; lb. \$2.50 postpaid.

SAVOY CABBAGE.

The Savoy Cabbages require the same culture as the common cabbage. They have finely curled leaves and are of a superior flavor and better quality than other sorts. Preferred by many to all other cabbages, especially for home use, and in some markets they are always in demand at high prices. Once planted they are always sown again the next season.

KING OF EARLIEST SAVOY. The earliest of all Savoy Cabbages. Forms medium sized, very solid heads of conical shape, with blunt point; leaves finely crimped. Superior in flavor to the smooth leaved cabbages, its delicious flavor is like that of Brussels Sprouts. Without question the earliest and finest Savoy for field culture; of equal value to the market gardener and private garden. Pkt. 10c; oz. 20c; ¼ lb. 65c.

LARGE DRUMHEAD SAVOY. This is an excellent winter and spring cabbage, forming nice solid heads, with curly outer leaves. Superior in flavor to the ordinary smooth leaved sorts. The plants are strong and vigorous and withstand the ravages of the cabbage worm better than other sorts. Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.15 postpaid.

BERLIN GOLDEN SAVOY. A new sort from Germany. Excellent medium early variety of golden yellow color. Finely curled outer leaves. Superior quality and long keeper. Perhaps the finest of all Savoy cabbages for the home garden. Pkt. 10c; oz. 25c; ¼ lb. 75c.



Large Drumhead Savoy.

ERFURT ROUND SUGAR. (Golden Sugar Winter.) This excellent variety is entirely distinct in character and color, makes a very hard head and has a short stem; Its special feature is the golden color after being put up. Best for "kraut." This variety is medium late, is perfectly solid at maturity and does not crack. Pkt. 10c; oz. 25c; ¼ lb. 85c; lb. \$2.75 postpaid.

DANISH BALLHEAD. For main crop and late planting, being one of the best keepers of all winter cabbages. It thrives well on thin soils and in highly exposed locations. The heads are of good marketable size, not so large as Flat Dutch, but very hard, round, fine grained, and will weigh more than other varieties of equal size. It is the ideal cabbage for the market gardener. Pkt. 10c; oz. 25c; ¼ lb. 90c; lb. \$3.00.

VOLGA. The great new Russian Cabbage. This is one of the best large Cabbages ever introduced. Plants set out July 9th on very ordinary soil with no manure or fertilizer produced large, solid hard heads by the 10th of October—two or three weeks earlier than other large kinds. The plant is nearly all head, having few outside leaves. The heads are nearly as round as a ball and almost as hard and solid as Danish Ballhead, while they are much larger and heavier, often weighing 15 lbs each. It heads so uniformly that hardly a plant in 500 will not produce a good large solid head. It will yield more tons per acre than almost any cabbage we know of. Pkt. 10c; oz. 25c; ¼ lb. 80c.

MARBLEHEAD MAMMOTH. A large headed variety of the drumhead type, considered to be the largest cabbage in cultivation. Under good culture it forms compact, solid heads weighing from 30 to 40 lbs each. Largely grown in some sections in the South. It is not considered a very good keeper. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00 postpaid.

PREMIUM LATE FLAT DUTCH. As a variety for winter market it has no superior. Heads large, bluish-green, round, solid, broad and flat on top; they open white and crisp, are tender and well flavored. It is a



Early Spring. (Page 63.)

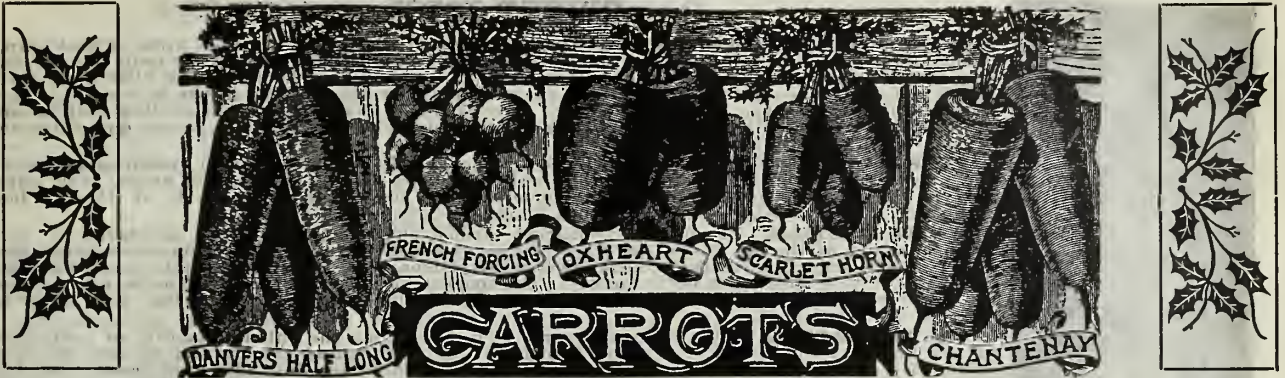
RED CABBAGE.

ZENITH RED. This new variety produces solid heads of rich, deep blood-red color, ripens medium early. The heads are of medium size, fine ribbed and with but few outer leaves. It is of excellent quality and a good keeper. Without doubt the finest early red cabbage ever introduced, valuable for the market and for home consumption. Pkt. 10c; oz. 25c; ¼ lb. 80c.

MAMMOTH RED ROCK. The largest and surest heading variety of the red cabbages. The plant is of vigorous growth and forms round solid heads of deep red color. In quality and flavor it is considered to surpass any green cabbage. Pkt. 10c; oz. 20c; ¼ lb. 70c; lb. \$2.25 postpaid.

NEW RED POLISH. Very hardy, short stemmed, with exquisitely solid heads of dark red color. The outside leaves are somewhat crumpled at the edges giving the head a fine appearance. There are but few outer leaves, therefore the plants may be set closer together in the rows. A splendid medium late variety. Quality is excellent. A long keeper and very profitable red sort that will prove satisfactory in all respects. Pkt. 10c; oz. 25c; ¼ lb. 75c.

OTHELLO. This new Red Cabbage exceeds by far that of all the known varieties of Red Cabbage. It forms a smooth, flat, slightly arched head, is exceedingly firm, deep glossy black-red and is the best keeper during the winter. Pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.25.



The Carrot is one of the most nutritious and healthful of roots, and should be more generally used for the table as well as for stock feeding purposes. Will grow in any soil; sandy loam is best. Sow as early as the ground can be worked, in rows 15 to 18 inches apart, covering about ½ inch. For field culture sow in drills 18 to 24 inches apart. One ounce will sow 100 feet drill, 3 to 4 pounds per acre.

DANVERS HALF LONG. Of rich orange color, smooth, and the flesh of fine texture with little core, stump rooted. It is a first class carrot for all soils and valuable to the market gardener. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.10.

OXHEART OR GUERANDE. Roots are very thick, five inches long and nearly as broad, and very blunt at the lower end. It grows rapidly and the roots often weigh a pound or over. Of excellent quality. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00 postpaid.

EARLY SCARLET HORN. A very popular extra early variety. Roots of medium size. Color orange scarlet; fine grained and of best flavor. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00 postpaid.

EARLY CHANTENAY. Very early and a great favorite with market gardeners. Grows 5 to 6 inches long, very smooth and of the finest quality. We consider this the best table carrot. Very productive, even under unfavorable conditions. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.10 postpaid.

LONG ORANGE. It grows to a large size, is of a rich orange color and fine quality. One of the most desirable for table use and for stock. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 95c postpaid.

EARLIEST FRENCH FORCING. This variety is used extensively for forcing. It makes a small, globe-shaped root of orange red color, and is of excellent quality. The earliest of all carrots for the home garden and market. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00 postpaid.

GOLDEN ROD. This new half long table carrot is very uniform in size, smooth, free from core, with sweet and tender flesh. For market gardeners and for home garden it is one of the finest sorts. Always yields well and succeeds splendidly in our western states. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.10 postpaid.

VICTORIA. A very large and very rich stock carrot. It is a heavy cropper on all soils. The roots are very symmetrical, of excellent quality and orange yellow color. Is considered the best feeding sort. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.10 postpaid. By express 5 lbs. for \$4.50 not prepaid.

LARGE WHITE BELGIAN. Root pure white, green above ground. It will grow to a very large size, and is easily gathered. Flesh rather coarse. Is raised extensively for stock. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.10 postpaid. By express, not prepaid, 5 lbs. for \$4.50.

CAULIFLOWER.

Sow the seed in a hot bed in January or February, and when the plants are large enough transplant three inches apart in boxes until time to plant out. If hardened off they are seldom injured by planting out as early as the ground can be properly prepared, 2½ feet apart each way. Keep well hoed, watering freely in dry weather, and especially when they begin to head. The late varieties mature in the autumn, and are sown, and are managed similar to winter cabbage. Any soil that will grow cabbage will grow cauliflower, but rich, moist soil is preferred. One of the most delicious vegetables.

EARLIEST DWARF ERFURT. The best variety for forcing and earliest in open ground. Our strain of Erfurt Cauliflower has given the best satisfaction and can be relied upon to produce true to name, and will be found unsurpassed in earliness, purity of color, dwarf habit, fine grain and solid heads. It produces smoothly rounded heads which are of uniformly even size, fine grained, compact and pure white. Plants are of very dwarf growth, and remarkable for their reliability in heading and fine quality. If planted in rich soil at proper season, heads 8 to 10 inches in diameter can be marketed in July. Pkt. 10c; ½ oz. \$1.00; oz. \$1.75; ¼ lb. \$7.00.

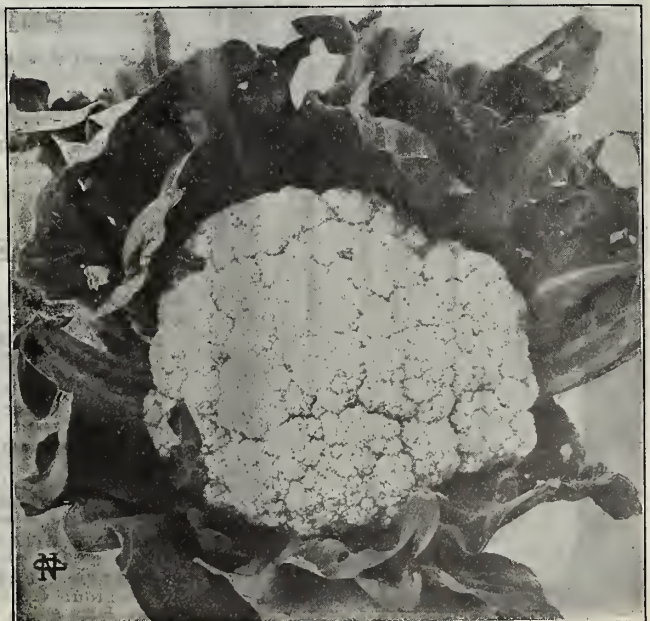
EARLY SNOWBALL. A well known variety producing very early, fine grained, smooth heads, which are compact and even in size. The plants are of dwarf habit. On account of the short outer leaves the plant can be set out as close as 18 to 20 inches apart each way, a point of great value to market gardeners. Equally good for forcing or planting in open ground for main crop. We obtain our seed from the most reliable growers in Denmark. Pkt. 10c; ½ oz. \$1.35; oz. \$2.50; ¼ lb. \$8.75.

NEW DANISH GIANT. The dry weather Cauliflower. This new and desirable Cauliflower originated in the same locality in Denmark which produced the Snowball. The heads are of large size, pure white and very solid. It also has large leaves which help to protect the head. It is later than the Snowball and has proven much more desirable for growing in the open ground and does well in dry seasons when other varieties show failure. We can highly recommend this sort. Pkt. 15c; ¼ oz. 75c; ½ oz. \$1.40; oz. \$2.60.

FIRST OF ALL. The Cauliflower for all northern countries. Extra early, maturing its large, very solid heads in an extremely short time. Heads pure white, hard as stone. In quality unexcelled. Of vigorous growth, with short stem; foliage dark green and curled. To be especially recommended for the home garden. If you have experienced difficulties in getting your cauliflower to head up well, try our "First of All" and you will have the best results. Pkt. 10c; ½ oz. \$1.00; oz. \$1.75; ¼ lb. \$5.00.

EARLY FAVORITE. Very early and a sure header. Of dwarf growth, with short leaves. Can be planted early or late for forcing or growing in open ground. Will stand heat and drought well. Pkt. 5c; ½ oz. 50c; oz. 90c; ¼ lb. \$3.00.

EARLY PARIS. Very popular early sort, forming medium sized, compact heads of excellent quality and flavor. The leaves are large, stalk short. For the home garden a very satisfactory variety. Pkt. 5c; ½ oz. 45c; oz. 80c; ¼ lb. \$2.25.



Earliest Dwarf Erfurt.

SWEET CORN.

One quart will plant about 200 hills. One-third bushel will plant 1 acre in hills. Sweet corn, being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm. For a succession, plant every two weeks, in rich ground, in hills three feet apart each way, covering about one-half an inch, and thin out to three plants to the hill. The extra early varieties can be planted closer. Give frequent and thorough but shallow cultivation until tassels appear. Our price for Pkt., ½ pt., pint and quarts is postpaid, larger quantities go at the expense of the purchaser.

PEEP OF DAY. Of Minnesota origin, 5 to 7 days earlier than other well known early kinds. Ears five inches long, perfect in form, and well filled, the corn is tender and sweet. Our customers will make no mistake in planting some of it for first early. Pkt. 5c; ½ pt. 15c; qt. 40c postpaid. Not prepaid, ½ peck 85c; peck \$1.50.

WHITE MEXICAN. The best early market variety. The White Mexican possesses all the good qualities of the old Black Mexican—just as sweet, with just as fine a flavor—without the objectionable color. It matures early, is a good yielder, and remains in edible condition perhaps longer than any other early variety. For market or home use you will make no mistake in planting largely of this sweet corn. Pkt. 5c; ½ pt. 15c; quart 40c postpaid. Not prepaid, ½ peck 75c; peck \$1.35.

GOLDEN BANTAM. This is a very early corn, possessing the valuable quality of being one of the sweetest and richest corns ever known. It can be planted thickly and as late as July 15th. By successive plantings, it can be had for table use from July 20th until frost. Pkt. 5c; ½ pint 12c; pt. 20c; qt. 35c postpaid. Not prepaid, ½ pk. 75c; pk. \$1.35.

EARLY WHITE EVERGREEN. In this new sort we believe a truly valuable sort has been found. It is earlier than Stowell's by considerable, resembles it very closely in size and shape, has the same fine sweet flavor, and besides is more uniform and remains in condition fit for use longer. Pkt. 5c; ½ pt. 12c; pt. 20c; qt. 35c postpaid. Not prepaid, ½ pk. 75c; peck \$1.35.

MAMMOTH WHITE CORY. One of the largest and best extra early sorts. The ears are twelve-rowed, and very much larger than the old Cory, white-cobbed, and covered with very large, white grains of good quality. Pkt. 5c; ½ pt. 12c; pt. 20c; qt. 35c postpaid. Not prepaid, ½ pk. 60c; peck \$1.00; bushel \$3.75.

ADAMS EXTRA EARLY. One of the earliest. Maturing for table use in 60 days after germinating. Not a sugar corn, but a decided acquisition, ripening so very early in the season. Pkt. 5c; ½ pt. 12c; pt. 20c; qt. 35c postpaid. Not prepaid, ½ pk. 50c; pk. 90c.

EARLY MINNESOTA. Well known and popular early sort for the market or private garden. Stalks four to five feet high, bearing one or two ears, long and eight-rowed, kernels very broad, sweet and tender. Pkt. 5c; ½ pt. 12c; pt. 20c; qt. 30c postpaid. Not prepaid, ½ pk. 60c; pk. \$1.00; bushel \$3.75.

COUNTRY GENTLEMAN. One of the most delicious and sweetest of all sweet corns. A main crop variety. Extremely productive, the stalks averaging three ears and sometimes five. The small irregular kernels are very deep and pure white in color. Ears average 9 inches in length. Pkt. 5c; ½ pt. 12c; qt. 35c postpaid. Not prepaid, ½ peck 75c; peck \$1.25.

STOWELL'S EVERGREEN. This variety is more planted than any other, being the general favorite with canners and market gardeners for late use. It is very productive, the ears are of large size, grains deep, exceptionally tender and sugary, and remains for a long time in edible condition. Pkt. 5c; ½ pt. 12c; pt. 20c; qt. 30c postpaid. Not prepaid, ½ pk. 60c; pk. \$1.00; bu. \$3.75.

MAMMOTH SUGAR. Produces the largest ears of any sort, excellent quality, sweet, tender and delicious. Ears average 10 to 12 inches, are well filled and of handsome appearance. In sweetness and fine table quality it is hard to beat. Ripens late. Pkt. 5c; ½ pt. 10c; qt. 30c postpaid. Not prepaid, ½ pk. 50c; pk. 90c; bu. \$3.25.

POP CORN.

MONARCH WHITE RICE. It is the best white variety. Bears from 3 to 6 ears per stalk, and produces 1500 to 2000 lbs. per acre. Pkt. 5c; ½ pt. 10c; qt. 35c postpaid. Not prepaid, ½ pk. 60c; pk. \$1.00.

QUEENS GOLDEN. Color a peculiar lustrous golden yellow, pops to a rich cream color, very prolific. Pkt. 5c; ½ pt. 10c; qt. 35c postpaid. Not prepaid, ½ pk. 60c; peck \$1.00.

CELERY.

One ounce will make about 2000 plants. Start seed in boxes or hot bed. Cover lightly, water well and transplant when 2 inches high in rows 3 feet apart and 6 inches in row.

GOLDEN SELF BLANCHING. (Selected Stock.) Leading early market sort. Stalks broader and heavier than White Plume and superior in quality. Ribs are perfectly solid, crisp, brittle and of delicious flavor. Our seed is grown by the introducers of this celery in France. Pkt. 10c; oz. 40c; ¼ lb. \$1.50.

GOLDEN SELF BLANCHING. (Regular Stock.) American grown. Pkt. 5c; oz. 30c; ¼ lb. \$1.00.

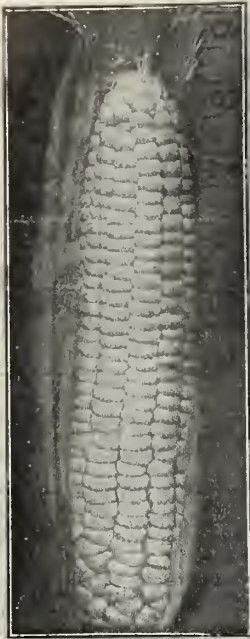
WHITE PLUME. (Selected Stock.) This celery is valued because the stalks, inner leaves and the hearts are white. Tender, crisp and of good flavor, ripening very early. Pkt. 5c; oz. 25c; ¼ lb. 80c; lb. \$2.50 postpaid.

GIANT PASCAL. Best keeper of all late sorts. Very solid and crisp. This variety is unsurpassed for the market gardener. Pkt. 5c; oz. 15c; ¼ lb. 50c.

GOLDEN DWARF. Fine keeping golden dwarf sort. Heart large, surrounded by a solid stalk. Very popular. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.65.

WINTER QUEEN. The most valuable variety for winter and spring use. Stalks stout, thick and heavy, with double the amount of heart than any other kind. Ribs solid, crisp, and of a delicious flavor. Pkt. 5c; oz. 25c; ¼ lb. 75c.

FLAVORING CELERY. Old seed for flavoring. Oz. 5c; ¼ lb. 15c; lb. 15c.



Mammoth White Cory.



White Mexican.



Golden Self-Blanching.

GERMAN CELERY OR CELERIAC.

This popular German vegetable is worthy of more extended use. Keeps well all winter. It is much used in salads, and boiled like parsnips or turnips, it is a great favorite with lovers of celery.

CELERIAC OR TURNIP ROOTED CELERY. Grown exclusively for its very tender marrow-like roots. The roots are cooked and sliced, used with vinegar they make an excellent salad. They are also used for seasoning meats and to flavor soups. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$1.75 postpaid.

APPLE SHAPED CELERIAC. Roots smooth, apple shaped; very tender and of finest flavor. Pkt. 5c; oz. 25c; ¼ lb. 75c.



Celeriac.

CUCUMBER.

One ounce will plant about 50 hills, two to three pounds to the acre. Succeeds best in a rich, loamy soil. For first early sow in hotbeds, six weeks before the plants can be set out in the open ground. For general crop plant in May, in open ground, about 10 seeds to a hill, the hills 4 feet apart each way.

CHICAGO OR WESTERFIELD PICKLING. Selected Stock. Fine for market. It is the best cucumber for pickles, and is used by a vast majority of the pickle factories. The fruit is of medium length, pointed at both ends, with large and prominent spines. The color is a beautiful deep green. Packet 5c; oz. 10c; ¼ lb. 25c; lb. 85c postpaid.

NEW EVERBEARING. It is of small size, very early, enormously productive, and valuable as a green pickler. The peculiar merit of this variety is that the vine continues to produce fruit until killed by frost, whether the ripe cucumbers are picked off or not, differing in this respect from all other sorts. The fruit is perfect in shape, of a fine green color. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c.

KLONDIKE. This valuable variety is one of the best for slicing, and will produce cucumbers equal in appearance to the hot house grown specimens. The color is a rich, dark green, and the fruits grow to a uniform size, measuring about seven inches in length and two inches thick when in good condition for use. It matures early and continues bearing for a long time. The vines grow vigorous and healthy, producing a good crop even in a poor season. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

BOSTON PICKLING. A distinct variety which has obtained a great degree of popularity in the Boston market as a pickle. Medium long, a great producer. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

IMPROVED LONG GREEN. A standard main crop variety, about nine inches long, of excellent quality, and makes the best pickles. Also one of the best for slicing, being tender, crisp and of fine flavor. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.



Davis Perfect.

CUMBERLAND. Hardy, rapid, vigorous grower and very prolific. The fruits differ from all other sorts in being thickly set with fine spines over the entire surface except the extreme end. They are exceptionally straight and symmetrical, and the flesh is crisp and tender. A fine pickling cucumber. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c postpaid.

JAPANESE CLIMBING. While all cucumbers are running vines, yet this variety is much more creeping or climbing in its habit, so much so, that it quickly climbs on poles or trellises. The quality is splendid for pickling as well as for slicing for salads. The fruits are of good size and of fine flavor. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 90c postpaid.

DAVIS PERFECT. An excellent cucumber for both outdoor use and forcing. The fruits grow eleven to twelve inches long on an average; slim, slightly pointed, a dark, glossy green color, which they keep until ripe; then turning white. In quality it is very tender, brittle and of fine flavor. A very vigorous grower, withstanding blight better than other long sorts. The color resembles hot-house grown stock and it sells in competition with the same. Packet 5c; oz. 10c; ¼ lb. 25c; lb. 90c postpaid.

IMPROVED EARLY LONG WHITE SPINE. Selected Stock. The most popular variety with market gardeners. One of the best for the table. Flesh tender and crisp. Fruit uniform in size, straight and light green, with few spines. Very Prolific. Packet 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

EARLY FRAME OR SHORT GREEN. Excellent sort for table use and pickling. Fruit straight, handsome, smaller at each end, bright green; flesh tender and crisp. Packet 5c; oz. 10c; ¼ lb. 30c; lb. 90c postpaid.

AFRICAN HORNED. Fruit of curious form, covered with small horn-like eruptions. Color deep green, turning to orange yellow when ripe. Quality excellent. For pickling and slicing a very desirable variety. Packet 10c; oz. 25c.



Improved Long Green.

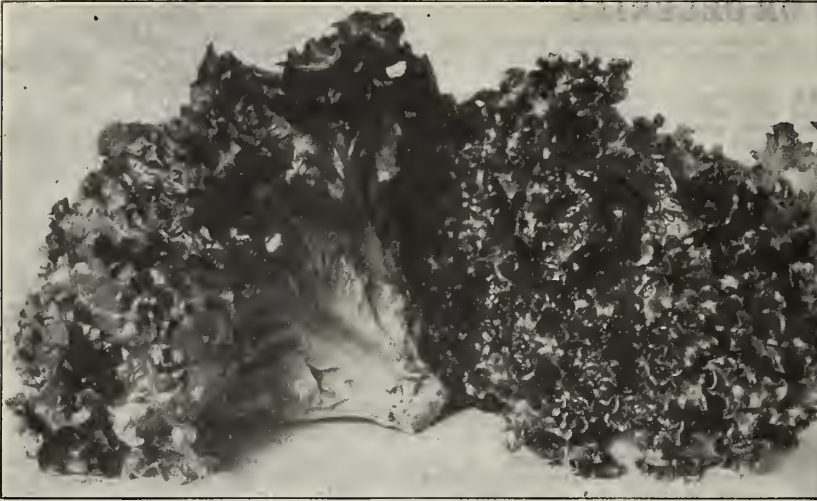
LEMON CUCUMBER. The fruits are nearly round, with the yellow and green markings and smooth skin of lemon, while the flesh is exceedingly tender and crisp, with a sweet flavor. The vines grow and produce fine fruits until killed by frost. A very fine cucumber. Pkt. 5c; ounce 15c; ¼ lb. 50c.

GHERKIN OR BURR. Used exclusively for pickling; fruit 2 to 3 inches long and prickly. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25 postpaid.

SNAKE. Curious as well as useful. Grows to 5 feet in length, coiled like a snake. Quality very good. Fine for exhibition purposes and for home use. Pkt. 10c; oz. 20c.



Cumberland.



Early Curled Simpson.

INCOMPARABLE. Unsurpassed as a head lettuce for market and general home use. Forms large, handsome heads that are very solid, with heavy, thick leaves. In quality it ranks very high, being tender, crisp and buttery, and of finest flavor. The outer leaves are of a light green color, inner leaves a rich golden yellow. An excellent lettuce for midsummer planting, as it withstands the heat well, but equally desirable for early or late planting. We consider it one of the very best lettuces and one that is especially well adapted for our western climate. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50 postpaid.

BLACK SEEDED SIMPSON. (Selected Stock.) This large leaved lettuce is by far the most popular of all sorts among market gardeners. It forms large, loose heads of light green color; leaves quite thin, very tender and crisp, of fine quality. The best "allround" lettuce and one of the finest for use under glass. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.35 postpaid.

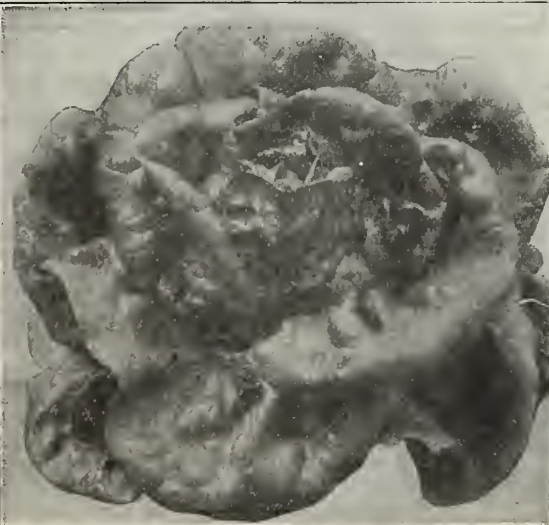
BLACK SEEDED SIMPSON. (Regular Stock.) Gives very good satisfaction for the home garden. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c postpaid.

EARLY CURLED SIMPSON. White Seeded. One of the best early sorts for market and family use. Forms a large, loose head. Leaves beautifully crimped, dark green, very tender and crisp. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 95c postpaid.

ALL SEASONS. Unsurpassed as a head lettuce for general home and market garden use in northern climates. Also well suited for our western states. It forms a large, handsome, extremely solid head, almost as large as Flat Dutch Cabbage; color a light, grayish-green, never spotted nor brownish; leaves broad, quality excellent, decidedly buttery with thick leaves of much substance. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.10 postpaid.

GERMAN BUTTERHEAD. Produces fine, large heads of extra quality, remarkably tender and crisp, sure to head and of quick growth. It is one of the best for forcing and summer use, as it is slow to shoot to seed and resists heat well. This is one of the very best varieties for our western climate. In our trial grounds it withstood extremely dry, hot weather remarkably well. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00 postpaid.

DENVER MARKET. An early head lettuce, good either for forcing or open ground. The leaves are beautifully curled and crimped like the Savoy Cabbage, very crisp and tender and of excellent flavor. Our market gardeners here consider this lettuce to be superior in quality to any other. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.



German Butterhead.

LETTUCE.

Lettuce seed should be covered very shallow to secure germination. For early spring use sow in September and protect through the winter in cold frames same as cabbage, or sow in hot-bed in March, and transplant to open ground as soon as it can be worked. For late supply sow in the open ground as soon as the season will permit, in rows one foot apart; thin out plants 8 to 10 inches in rows. If sown every two or three weeks to the middle of August, it may be had in perfection the entire season. One ounce will sow 100 feet in drill, 3 to 4 pounds to the acre.

MAY KING. See Novelties, page 8. Pkt. 10c.

GERMAN ICEHEAD. See Novelties. Page 6. Pkt. 10c.

IDEAL FORCING. The earliest and best in every respect for forcing purposes. The head is of a perfectly rounded form, unsurpassed for firmness and quality. We can recommend this lettuce to every market gardener as being the best type of forcing head lettuce now on the market. It will prove a money maker. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.30 postpaid.



Ideal Forcing.

IMPROVED HANSON. One of the best for outdoor summer planting, owing to its wonderful heat resisting qualities. It forms large, firm heads, which are deliciously sweet, crisp and tender. In table quality this lettuce is perfection itself. It is wholly free from bitter taste, having a sweet and rich flavor, even to the outer leaves. It remains long in good table condition after reaching maturity. It is a perfect open air lettuce in all respects. It is hardy and may be set out in the earliest spring or grown late in the fall. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 90c postpaid.

GOLDEN SPOTTED. A very fine new lettuce from Germany, forming medium sized, very solid heads. The outer leaves are bronze yellow with brown spots. In quality equal to any of the well known varieties. For the home garden it is one of the best, once tried it will always be planted again. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50 postpaid.

BIG BOSTON OR IMMENSITY. A very popular variety with gardeners who want a large heading forcing sort, and also for outdoor winter culture. The plants are large, hardy and vigorous, with broad, smooth, thin leaves of light green color, and when well grown are very tender. This is grown in the South as a winter lettuce. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

PRIZE HEAD. A splendid lettuce for the home garden. Leaves are of reddish brown color, variegated with dark green. The heads are of good size, tender, and of fine flavor. Excellent for late planting as it stands heat and drought well. A splendid variety for the Western States. Packet 5c; ounce 10c; ¼ lb. 30c; pound 90c postpaid.

PARIS WHITE COS. The Cos Lettuce differs entirely in shape from the other varieties, the head being elongated and of conical form. The outer coloring of this variety is yellowish-green. Very crisp and sweet. Considered by many to be the highest quality of all lettuces. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.10 postpaid.

MUSK MELON.

Earliest varieties ready in 80 to 100 days from sowing. General crop requires 115 to 140 days. Melons thrive best in a light, rich soil. Plant when the ground has become warm and dry, and danger from frost is past, in hills six feet apart each way, in well enriched soil, 12 to 15 seeds in a hill. After all danger of bugs is over thin out to three plants per hill. One ounce will plant about 60 hills, three pounds to the acre.

EXTRA EARLY HACKENSACK.

This is a selection of the old Hackensack, which it resembles, but is fully 10 days earlier. Melons weigh from 4 to 10 pounds, round in form, flattened at the ends and well ribbed. The skin is deeply netted. Flesh light green, rich and sugary, and of excellent flavor. One of the best for market as well as the earliest, hardiest, and most prolific of netted Musk Melons. It is also considered one of the best shipping melons. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c postpaid.

THOROUGHBRED ROCKYFORD.

A variety much sought for by hotel and restaurant keepers on account of its fine flavor. The flesh is greenish-white in color, very juicy and rich. It is medium in size, of round, oval form and an excellent keeper. The melons usually have ten distinct ribs, closely covered with gray netting. Seed cavity is small. Our seed is of very best selection, grown in Rockyford. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

NETTED NUTMEG. This good standard variety is often called Early Green Nutmeg, the skin being deep green and finely netted. Very productive. Largely grown in the East by market gardeners. One of the best varieties for family use. Vines vigorous, hardy, productive; fruit round, slightly flat, ribbed, covered with coarse netting, flesh very thick, green and of the finest flavor. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c postpaid.

BANANA. Long, slim, banana-like fruit, cream color; flesh salmon, of rich flavor and delicious odor. Matures late and is a favorite for the home garden. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.25 postpaid.

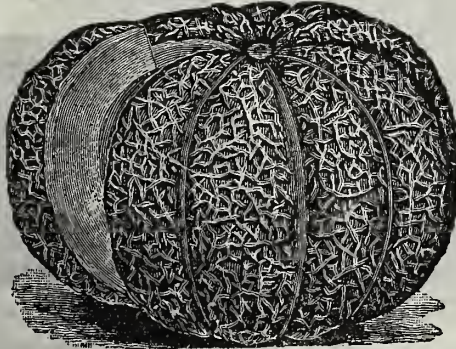
ADMIRAL TOGO. We have developed in the Admiral Togo a small musk melon with the very thick, orange flesh and a splendid quality of the Defender and possessing the characteristic netting, shape, size and shipping quality of the Rockyford. Combining all these good qualities the Admiral Togo is an ideal table and basket melon. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.50 postpaid.

OSAGE. One of the most profitable of all melons for market, of very uniform quality. Of medium size and oval. Rind is thin, dark green and netted. Flesh is deep salmon, remarkably sweet, and of a spicy flavor. One of the best melons for family use and gardeners. Flesh is extremely thick and delicious to the rind. Seed cavity is very small. Packet 5c; ounce 10c; ¼ lb. 25c; lb. 90c postpaid.



Hoodoo.

HOODOO. One of the best market and shipping melons, and unsurpassed for the home garden. Nearly round, rind very tough, surface thickly netted. The melons average 1½ lbs.; very solid and heavy. Flesh rich salmon colored, fine grained, of sweet, delicious flavor. A wonderfully productive melon, even under unfavorable conditions. Quality fine. It also withstands blight much better than other varieties. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.



Extra Early Hackensack.

EMERALD GEM. Of excellent quality and medium size. The white ribbed skin is perfectly smooth and of a deep emerald green color. The flesh is thick, of a rich salmon color, very juicy and rich. For the home garden and near-by markets this is one of the finest of all musk-melons on account of its superb quality. It is not a good shipper to distant points on account of its thin rind. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

BURRELL GEM. This variety is of the same size and shape as the well known Rockyford, but the flesh is of a rich golden color. It is of most delicious flavor, seeming almost to melt in the mouth, still so solid as to be an excellent shipper. The melons average about 2½ lbs. each. It is an abundant yielder, often producing 15 to 25 melons to the hill. The meat is very thick and fine grained. The seeds are closely held in place. The rind is covered with a closely laced gray netting, except the narrow stripe between the ribs. Shape oblong, averaging six inches long and tapering at the ends. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 90c postpaid.

PAUL ROSE OR PETOSKEY. A hybrid of the Osage and Netted Gem, combining the color and the thickness of the former with the good flavor of the Gem. In solidity it is superior to any melon in existence. Ripens about ten days earlier than the Osage, is perfect as a basket melon for the shipping trade and market. Rind is green, netted; flesh reddish-salmon. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

OKLAHOMA CANTALOEPE. Similar to the Rockyford, equal in flavor, but larger size. The vines are blight proof and drought resisting. It surpasses any of the melon family in these two features, and for shipping or eating qualities it is unexcelled. Packet 5c; oz. 15c; ¼ lb. 35c; lb. \$1.20 postpaid.

EUROPEAN MIXED. This is a grand mixture of many rare European and African varieties, including such kinds as the Black Portugal, Apple Shaped, Winter Olive, Algerian, Turkestan and French melons. Try a packet and raise the largest and oddest variety of musk melons. Pkt. 10c.

STRAWBERRY. A melon with the delicious flavor of the strawberry. Its smooth, deep flesh is salmon-red. The skin is green, turning yellowish when ripe. The fruits are of desirable size, weighing 6 to 9 lbs. Fine for home garden. Pkt. 10c; oz. 25c.

RUST RESISTANT ROCKYFORD. See Novelties. Pkt. 10c.

HUNGARIAN PINEAPPLE. See Novelties, page 5. Packet 10c.

KHIVA OR WINTER PINEAPPLE. Musk melon for Christmas dinner from your own garden if you plant Khiva. Delicately flavored winter-keeping melon. The flesh is whitish-green and very thick, rind is firm, of grayish green color. Not real delicious until November or later. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.75 postpaid.

HYBRID CASABA. See Novelties, page 6. Packet 10c.



Thoroughbred Rockyford.



Iceberg or Blue Gem.

ly rich, crisp and pleasant flavored. It ripens early and is a long keeper. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.15 postpaid.

KLECKLEY'S SWEET. Valuable for market and for family garden. Very productive and of attractive appearance. The fruit is oblong, color dark green, flesh deep red, stringless, solid and very sweet with but few seeds set near the rind. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

McIVER'S WONDERFUL SUGAR. This is becoming the most famous melon for sweetness and high quality. The fruits are long and of large size, averaging about 35 lbs. each. Rather light colored, irregularly striped and mottled with dark green. The rind is thin but tough, so that it is a good shipper. Flesh is delicate light red, entirely stringless, very tender, juicy and luscious. Oz. 5c; ¼ lb. 15c; lb. 55c postpaid.

TOM WATSON. An extra long melon of attractive appearance, uniform in shape and quality. The dark green rind is tough but thin and easily withstands shipment to distant markets. The deep red flesh extends to within three-fourths of an inch of the green rind, is crisp, melting and of finest flavor. The melon measures about 24 inches long and 12 inches in diameter and often attains a weight of from 50 to 60 pounds. It is very prolific, producing in great abundance the large, delicious fruits. An exceptionally good melon for the market and home garden. See illustration on back cover page. Pkt. 10c; oz. 15c; ¼ lb. 45c; lb. \$1.40 postpaid.

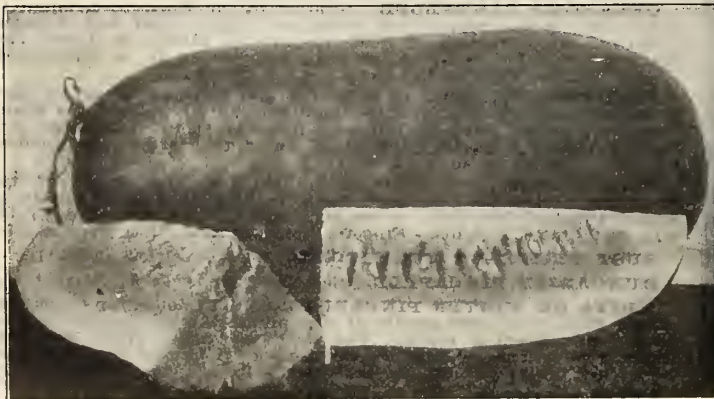
KOLB'S GEM. Fruit of the largest size, slightly oval, marked with irregular stripes of dark green and very light green. Flesh bright red, extending to within half an inch of the rind, always solid, very firm, sweet and tender. An excellent keeper and shipper. Oz. 5c; ¼ lb. 15c; lb. 50c postpaid.

ICE CREAM. (WHITE SEEDED.) A medium sized variety of excellent quality. It is early and very productive. Being thin in rind it is not so well adapted for distant markets. Very sweet and sells readily in the market. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c postpaid.

ICEBERG OR BLUE GEM. Has a very firm hard rind and is quite as good a shipper as Kolb's Gem, but the flesh is much deeper colored, more tender and sweet. This variety is much the best dark colored shipping melon. An excellent keeper. Ounce 5c; ¼ lb. 15c; lb. 55c postpaid.

GYPSY OR RATTLESNAKE. An old standard variety which has become very popular of late years. It is of very large size, light green with dark stripes. A fine market variety and stands transportation well. Flesh bright scarlet and very sugary. Oz. 5c; ¼ lb. 15c; lb. 50c postpaid.

ALABAMA SWEET. This excellent shipping melon is the leading sort grown by Texas and other Southern melon growers, growers' associations and extensive individual growers. The rind is a dark green marked with a still darker green mottled stripe and while thin it is very tough, making the melon a first class shipper. The flesh is bright red, fine grained, sweet and luscious, entirely stringless and very firm. The seeds are white, slightly tipped with brown, and are firmly set in small cavities near the rind. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 85c postpaid.



Alabama Sweet.

WATER MELON.

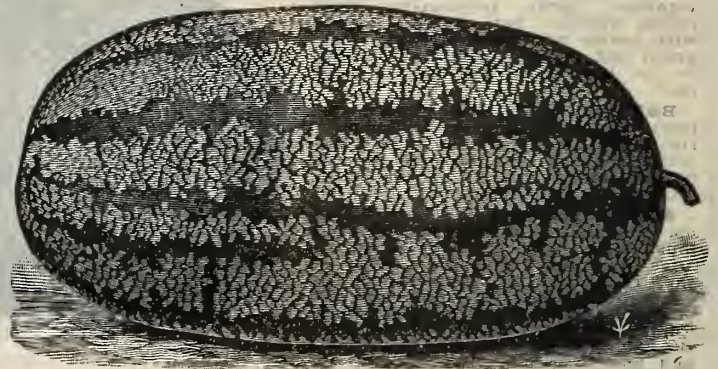
A light sandy soil, with good exposure to the sun, is the best for water melons. It should be prepared deep, but receive shallow cultivation. Hoe often and thoroughly. To get good strong vines early in the season, form large, well drained hills of earth, made very rich, about 8 feet apart. In these plant the seed as soon as the ground is warm and dry, dropping 6 to 10 seeds in the hill. Protect the young plants from insects. One ounce to 30 hills, 3 lbs. to the acre.

COLE'S EARLY. This is a very choice melon for the home garden, and can be grown farther north than any other variety. The flesh is bright red, crisp and very delicate in texture, sweet and excellent in flavor. It is an abundant bearer of medium sized but very solid melons, with thin rind. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c postpaid.

SWEET HEART. Fruit large oval, very heavy, uniformly mottled light and dark green. Rind very thin but firm. Flesh bright red, solid, tender, melting and sweet. This melon is particularly fine for shipping to distant markets. Oz. 5c; ¼ lb. 15c; lb. 55c postpaid.

DIXIE. This desirable variety combines long keeping qualities with great productiveness, high flavor and freedom from stringiness. Color of skin dark green, striped with a lighter shade, making it very attractive; rind thin but tough; flesh bright scarlet, ripens closely to the rind. Oz. 5c; ¼ lb. 15c; lb. 50c postpaid.

PRIDE OF NEBRASKA. One of the best, sweetest, juiciest, most delicious melons in existence, and it is especially desirable for the family garden. Vine vigorous and productive; fruit of medium size, oval. The skin is dark green, faintly striped; flesh bright red and peculiar-ly. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.15 postpaid.



Wonderful Sugar.

RUBY GOLD. A beautiful melon. Flesh golden yellow with star-like center of deep red. Large, oval, weighing 40 to 50 lbs. each. Very fine quality, absolutely coreless, juicy and sweet. Splendid for home garden. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.35.

HUNGARIAN HONEY. One of the most delicious varieties known, of an almost honey-like sweetness. Round, dark green melons that will average about ten pounds each; flesh rich and melting. Extra early and fine for the Northern states. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 70c postpaid.

CITRON. For preserving. Grows uniformly round and smooth, dark green, mottled with light green; flesh white and solid. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c postpaid.

MIXED VARIETIES. Every year we receive a lot of inquiries for mixed melon seed. We do not recommend to grow them for the market but for the private garden they are very nice as you receive early and late, large and small, and all kinds of water-melons in a small quantity. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c postpaid.

ONIONS. 3MOINO

A strong, deep, rich and loamy soil is most suitable for this crop. As early in the spring as the ground is in working order, harrow it thoroughly and make as fine and level as possible, sow thinly in drills one-fourth inch deep and fourteen inches apart. Keep the surface of the ground open and free from weeds, but do not ridge up to the growing bulbs. One ounce will sow 100 feet of drill, 4 to 5 lbs. to the acre.

We harvested a splendid large crop of northern grown Onion seed this year, not California seed and quote low prices. Get some of our excellent tested onion seed this year. Write for special quotation on large lots.

YELLOW GLOBE DANVERS. Well known as a leading market sort. Bulbs are of large size, very thick and of globular shape. Flesh white, solid, and of good quality. The crop is uniform and ripens at one time. It is one of the best yielding varieties in existence. An excellent keeper. Our seed is of the very best selection. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.75 postpaid.

DANVERS YELLOW FLAT or Large Strassburg. Similar to Yellow Globe Danvers except in shape. Ripens very quick, is a sure cropper and yields well. Of a special value in localities where the seasons are short. Will stand drought well and is used to a large extent for growing onion sets. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.65 postpaid.

AUSTRALIAN BROWN. An early variety of globe shape which exceeds any other onion in keeping qualities. Will produce a fine crop of hard, solid onions, even in unfavorable seasons. The skin is light brown, flesh pure white and exceptionally mild. The bulbs will ripen evenly in all soils. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.80.

EXTRA EARLY RED FLAT. One of the earliest medium sized onions. Uniform in size and shape, quite flat, of deep red color and mild flavor. An abundant yielder, ripens up hard and keeps well. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.75.

LARGE RED WETHERS-FIELD. The standard variety of red onions. Of large size, a heavy yielder and most excellent keeper. Form round, somewhat flattened, skin deep purplish red; flesh purplish white, moderately fine grained and of stronger flavor than other kinds. Will do well on thin soils and stands drought well. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.80 postpaid.

OHIO IMPROVED WETHERS-FIELD. We are pleased to offer our customers this particularly fine strain of Wethersfield Onion, knowing that everyone will be more than pleased with it. The bulbs are very uniform in shape and size, somewhat larger on an average than the old, well known strain, while in flavor they are milder. Our seed comes from a thoroughly reliable grower in Ohio and is dependable. Packet 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00 postpaid.



Yellow Globe Danvers.

EXTRA EARLY BARLETTA. The very earliest onion in cultivation. They are of a pure paper-white color, very mild and delicate in flavor. 1½ inches in diameter, and ¾ of an inch in thickness. For table use and pickling it is most valuable, also excellent for bunching onions. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.85 postpaid.

SOUTHPORT YELLOW GLOBE. A fine strain of yellow globe, bulbs are of handsome appearance and superior quality. They are fine keepers, uniform in size and shape, always in good demand in all markets. Ripens earlier than the Red Globe. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.75 postpaid.

SOUTHPORT RED GLOBE. This is a very handsome variety and is deserving of a general cultivation. It is medium early, grows to a large size, skin deep red, flesh fine grained, mild and tender. A good yielder. Pkt. 5c; oz. 15c; ¼ lb. 60c; lb. \$2.00 postpaid.

LARGE WHITE GLOBE. A handsome, pure white variety of large size, and globe shape. An immense yielder and good keeper. The flesh is very fine grained, solid, of fine flavor, and very mild. Sells readily in any market at a good price. Pkt. 5c; oz. 20c; ¼ lb. 70c; lb. \$2.50.

SILVER SKIN or White Portugal. A large, flat onion of mild, pleasant flavor, fine for family use or for early market. A favorite with many for use when young as a bunching onion and for pickles. Ripens quickly. Is used for growing onion sets. Pkt. 5c; oz. 20c; ¼ lb. 70c; lb. \$2.50 postpaid.



Mammoth Silver King.

GIANT ONIONS.

PRIZETAKER. One of the largest onions in cultivation. Is of globular shape with a bright straw colored skin, the necks are very thin and the large, handsome bulbs always ripen up hard. An excellent keeper and of finest flavor. Single onions have been raised to weigh five pounds and over, from seed the first year. This variety is known to have produced 1200 bushels per acre. It is the same type as those big imported onions and always commands a high price. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.85 postpaid.

GIANT ZITTAU. The handsomest, large Yellow Globe Onion. Will outyield any other variety and is known to produce good average crops in off years, when other onions proved a failure. The bulbs are of uniform globular shape, very large, solid and heavy. The flesh is pure white, fine grained and of mild, agreeable flavor. It is the best keeper and an excellent onion for shipping. Ripens medium early and very evenly in all soils. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00 postpaid.

MAMMOTH SILVER KING. The largest of all white onions. It is of attractive form, flattened, but thick through. Single bulbs often attain weights of from 2½ to 4 pounds each. The skin is silvery white, so sweet and tender that it can be eaten raw like an apple. Matures early and is of uniformly large size and fine shape. Its handsome appearance recommends it for exhibitions at fairs, for the fancy market and home use. Packet 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00 postpaid.

MAMMOTH POMPEII OR COPPER KING. Perhaps the largest of all onions. Have been grown to the enormous weight of five pounds and six ounces. Skin of copper-red color, flesh pure white, fine grained and mild. Notwithstanding their large size they retain their uniform shape and fine quality. Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$2.00 postpaid.

COLLECTION OF GIANT ONIONS.

One packet each of PRIZETAKER, SILVER KING, GIANT ZITTAU and MAMMOTH POMPEII, for only 20c postpaid.



Prizetaker.

(Onions continued on next page.)

ONIONS.—Continued.



White Bermuda.

still it is considerable work to keep them weeded, and many of our customers who have only a small garden prefer to grow them from the sets, and gardeners plant sets for the early market. Our stock is carefully grown and very nice. Price by the peck or bushel is subject to market variation, and shipped at buyer's expense. Top sets are sold at 25 lbs. per bushel. Other kinds 32 lbs. per bushel, or stroke measure on all small lots. If you want a large lot write for prices.

WHITE BOTTOM SETS. White onion sets grown from seed are the most popular and best for early use and large onions. Pint 15c; quart 25c postpaid. Not prepaid, peck 90c; bushel \$3.00.

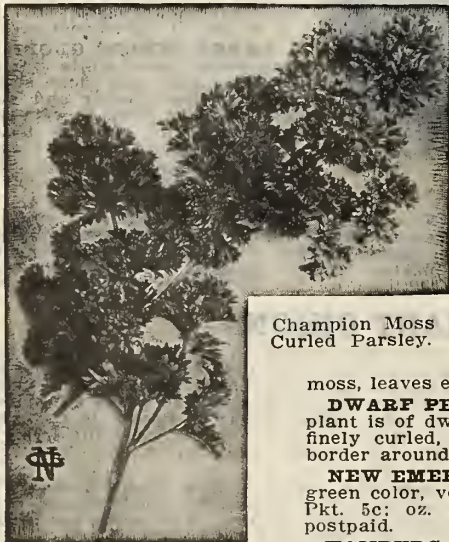
RED BOTTOM SETS. Pint 15c; quart 25c postpaid. Not prepaid, peck 80c; bushel \$2.75.

YELLOW BOTTOM SETS. Pint 15c; quart 25c postpaid. Not prepaid, peck 80c; bushel \$2.60.

RED TOP OR BUTTON SETS. Still largely called for in some sections. Earliest of all. Pt. 20c; quart 30c postpaid. Not prepaid, peck \$1.25; bushel \$4.00.

SHALLOTS. Pint 25c; quart 40c postpaid. Not prepaid, peck \$1.50; bushel \$5.00.

WHITE MULTIPLIER SETS. Pure silvery white. Excellent quality; very early. Pint 25c; qt. 40c postpaid. Not prepaid, pk. \$1.50; bu. \$5.00.



Champion Moss Curled Parsley.

used for flavoring soups, etc.

PARSNIP.

One ounce will sow 200 feet of drill; five lbs. for one acre. Sow early in the spring, in drills 15 inches apart, covering half an inch deep. When well up thin out to 5 or 6 inches apart in the rows. They are improved by frost, and it is usual to take up in the fall a certain quantity for winter use. Seed is very scarce this year, therefore please order early.

IMPROVED GUERNSEY. The roots do not grow so long as the Hollow Crown, but are of greater diameter and more easily gathered and are very smooth, fine grained and of excellent quality. It is a heavy cropper. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c postpaid.

HOLLOW CROWN OR LONG SMOOTH. Roots long, ending somewhat abruptly with a tap root, best variety for general use. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c postpaid.

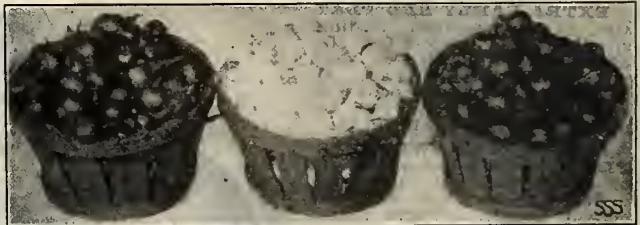
WHITE BERMUDA. TRUE TENERIFFE GROWN. These are the first early onions which are shipped North in large quantities, both from Bermuda and our Southern states. Our imported Teneriffe seed gives the best results. In our northern climate the bulbs are much smaller, but mature early, and retain much of the mild, sweet flavor of the imported ones. The onions are pearly white, of flat shape and very mild. Unsurpassed for the home garden in all parts of the country. Pkt. 15c; oz. 50c; ¼ lb. \$1.50; lb. \$5.25 postpaid.

NEW CRYSTAL WHITE WAX. TENERIFFE SEED. This is a large, pure white, flat onion. In the South especially Texas, during the last few years it has become so popular that there has not been enough seed to meet the demand. A valuable variety also for the North. It grows to a good size, very early, and is the mildest and sweetest of all onions. It is the finest slicing onion for the home garden. True seed is very scarce. Pkt. 20c; oz. 75c; ¼ lb. \$2.75 postpaid.

WHITE WELSH ONION. FOR GREEN ONIONS. The Welsh Onion does not form a bulb, but puts out many shoots, making it the best kind for "green onions." On account of the mild and sweet flavor it is superior to the green onions grown from sets. By sowing the seed of this onion one third the expense and trouble can be saved, and more green onions can be had than from sets. The plant is perennial. Sow either in spring or fall. Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.00 postpaid.

ONION SETS.

Indispensable for early onions for bunching, as in a very few weeks they are ready for the table. While it is much cheaper to grow onions from seed, and many of our customers who have only a small garden prefer to grow them from the sets, and gardeners plant sets for the early market. Our stock is carefully grown and very nice. Price by the peck or bushel is subject to market variation, and shipped at buyer's expense. Top sets are sold at 25 lbs. per bushel. Other kinds 32 lbs. per bushel, or stroke measure on all small lots. If you want a large lot write for prices.



Onion Sets.

POTATO OR MULTIPLIER SETS. Early cropper. Matures quickly; of pleasant, mild flavor. The sets are the largest of all. Pt. 20c; qt. 35c postpaid. Not prepaid, peck \$1.50; bushel \$5.00.

PERENNIAL OR WINTER SETS. Also called Egyptian or Tree Onion. Produce the earliest spring onions without winter protection. Pint 15c; quart 25c postpaid. Not prepaid, peck 65c; bushel \$2.25.

GARLIC.

The Garlic is the most pungent of all the onion family. The root or bulb is composed of many small bulbs called "cloves," which are planted in the spring six to eight inches apart, and in August the bulbs are ready to gather. Large bulbs, ½ lb. 25c; lb. 40c postpaid.

PARSLEY.

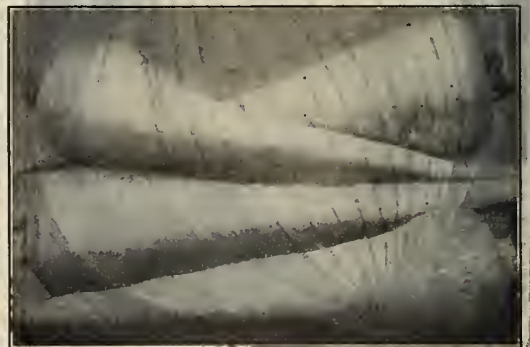
One ounce to 150 feet drill. Soak the seed a few hours in luke warm water and sow early in the spring in drills one foot apart. Thin out to four inches. A few seeds sown in onion rows use no space. To preserve in winter transplant to a light cellar or glass frames. Used for garnishing and seasoning.

CHAMPION MOSS CURLED. The plant resembles a tuft of finely curled moss, leaves extra large and a rich deep green. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 70c postpaid.

DWARF PERFECTION. Of highly decorative appearance and of fine delicate flavor. The plant is of dwarf, symmetrical form, 6 to 8 inches high and about 10 inches across. Leaves finely curled, light green. For market and home use a splendid sort. May be used as a border around flower beds. Pkt. 10c; oz. 25c; ¼ lb. 75c postpaid.

NEW EMERALD. The plants are of compact growth; the leaves are of a handsome bright green color, very finely crimped and curled. One of the finest for garnishing and flavoring. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c postpaid.

HAMBURG. Turnip rooted variety. The roots as well as the leaves are used for flavoring soups, etc. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c.



Guernsey Parsnip.

PEAS.

Peas mature earlier in a light, rich soil; for the general crop a moderately heavy soil is best. Commence sowing the early varieties as soon as the ground can be worked, continue for a succession every two weeks until June. It is a good plan to sow the early, second early, and late varieties at the same time for succession. One quart for 100 feet of drill; two or three bushels for an acre. The wrinkled varieties are more susceptible to cold wet weather than the small, round sorts, hence should not be planted very early. They are sweeter and better flavored. In comparing prices, please bear in mind that our prices are postage paid by us on pints and quarts, and if ordering by express or freight, purchaser paying charges.

GOLDEN KING. A yellow podded variety. Pkt. 15c. See Novelties, page 6.

SAXONIA. The best extra early sort. See Novelties. Pkt. 10c.

ALASKA. A variety of remarkable earliness and hardness. It is a good yielder and produces pods of good size and dark green color, which are well filled with round smooth peas of splendid flavor. Height two feet. The color of the dried pea is green. It ripens very evenly, so that one picking will nearly clean off the crop. We advise our market gardeners to give this variety a trial. Ready for the table in 48 days. Pkt. 5c; ½ pt. 15c; qt. 55c postpaid. Not prepaid, ½ peck \$1.00; peck \$1.75.

FIRST AND BEST. The standard extra early variety of smooth seeded peas, well known everywhere and largely planted by market gardeners and for home use. Pods are of good size and well filled with round, smooth peas of excellent flavor, ripening at one time, so that generally the entire crop may be gathered at one picking. Is very productive and hardy. Height of vine 2 to 2½ feet. Ready for the table in 50 days. Pkt. 10c; ½ pt. 20c; qt. 60c postpaid. Not prepaid, ½ peck \$1.00; peck \$1.75.

EXTRA EARLY TOM THUMB. An extremely early variety of superior merit. Vines dwarf, about nine inches high, completely covered with an abundance of the finest well-filled pods. It is of such upright growth that it can be planted in rows 10 inches apart. Matures in 40 to 45 days and is always in great demand for the home garden, especially for the small city garden. Don't fail to include this variety in your order. Pkt. 10c; ½ pt. 20c; qt. 55c postpaid. Not prepaid, ½ peck \$1.15.

BOUNTIFUL. Very early and hardy. Of vigorous growth, 2½ feet high, bearing a bountiful crop of large pods well filled with good size peas. In quality unsurpassed by any other extra early sort. This splendid variety is a money maker for the market gardener and a very fine sort for the home garden. Will outyield the Alaska and be ready for the market at the same time. We can recommend it highly. Pkt. 10c; ½ pt. 20c; qt. 60c postpaid. Not prepaid, ½ pk. \$1.15; peck \$2.00.

FILLBASKET. The vines are of strong, sturdy growth, 2½ to 3 feet high and of a decidedly branching character and bear an enormous crop of magnificent large, round pods, each containing eight to twelve peas of remarkable size, and very rich, sugary flavor. It has been appropriately termed the "Fillbasket," on account of the extraordinary quantity of large pods that it produces. Finest second early pea for market and family garden. They proved to be the most satisfactory all around pea in our trial gardens. Ready for the table in 55 days. Pkt. 10c; ½ pt. 20c; qt. 60c postpaid. Not prepaid, ½ pk. \$1.15; pk. \$2.00.

WHITE MARROWFAT. A very heavy yielding, late variety. Pods large and well filled. 3 to 3½ feet high, robust grower. The dry peas are of large size and excellent for cooking. Packet 5c; ½ pint 15c; quart 50c postpaid. Not prepaid, ½ peck 65c; peck \$1.10.

DWARF GRAY SUGAR. Edible pods. The most desirable and sweetest of all edible pod peas. Pods of good size and filled with six to eight peas of finest flavor. To be recommended for the home garden. Pkt. 10c; ½ pt. 20c; qt. 60c postpaid.

TALL GRAY SUGAR. Edible pods. Height 4 to 5 feet. Produces abundantly large sized brittle pods which are cooked like string beans; if used before they begin to ripen they are deliciously sweet and tender. Pkt. 10c; ½ pt. 20c; qt. 75c postpaid. Not prepaid, ½ pk. \$1.40.

MAMMOTH MELTING SUGAR. Edible Pods. Quality the best. Cooked like string beans, they are a delightful dish. Immensely productive; unsurpassed for the home garden. Pkt. 10c; ½ pt. 20c; qt. 75c postpaid.

CANADA YELLOW FIELD PEA. A splendid crop to sow with oats or barley for green feed. Will produce a crop and enrich the soil at the same time. Succeeds well most anywhere and is very prolific. The dry peas are of good size and excellent for cooking. ½ pt. 15c; qt. 45c postpaid. Not prepaid, ½ pk. 60c; pk. \$1.00; bushel \$3.75.

WRINKLED VARIETIES.

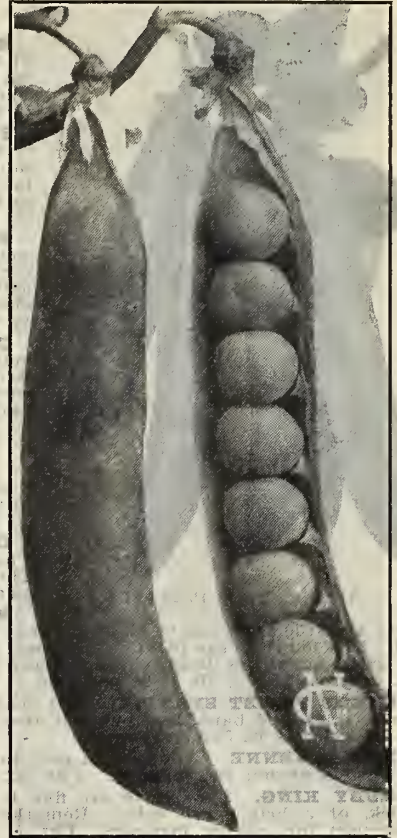
PREMIUM GEM. Ripens a little later than American Wonder, but generally a better yielder. Pods are 2½ inches long and are well filled with wrinkled peas of the finest quality. A grand variety for the home garden. Height 12 to 16 inches. Pkt. 5c; ½ pt. 15c; qt. 55c postpaid. Not prepaid, ½ pk. \$1.25; pk. \$2.25.

NOTT'S EXCELSIOR. This excellent dwarf wrinkled pea is of robust and vigorous growth and ripens with the extra early market sorts. The pods are about three inches long, and each pod contains from 6 to 8 large peas, which are tender and of unusual fine flavor. Has become very popular in a few years. Height 15 inches. Pkt. 5c; ½ pt. 20c; qt. 65c postpaid. Not prepaid, ½ peck \$1.25; peck \$2.25.

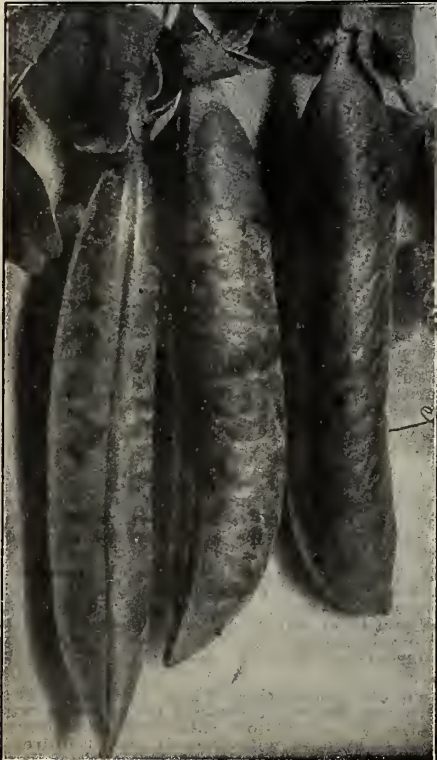
AMERICAN WONDER. A well known and very popular dwarf pea. Very prolific, with pods of good size. Matures early and is strictly a pea for the family garden, requiring no brush or support. Quality is the best. Height 10 inches. Ready for table in 55 days. It is a great favorite in many sections. Pkt. 5c; ½ pt. 20c; qt. 60c postpaid. Not prepaid, ½ pk. \$1.25; pk. \$2.25.

THOMAS LAXTON. This variety closely resembles Gradus in habit, rapidity of growth, earliness and foliage. Pods are large, long, blunt at the end, well filled with peas and of a deep green color. Height about 2½ to 3 feet. Ready for the table in about 52 days after planting. One of the best early wrinkled varieties for the market and home garden. Pkt. 10c; ½ pt. 20c; qt. 65c postpaid. Not prepaid, ½ pk. \$1.35; pk. \$2.25.

SUTTON'S EXCELSIOR. Resembles Nott's Excelsior, but has longer and broader pods, of a light green color. The pods are square at the ends and filled with 6 or 8 large sized peas. Very tender and of a most delicious flavor. Vines grow about 15 to 20 inches high and are hardy, therefore permitting early planting. It is undoubtedly a fine early wrinkled pea for the home and market gardeners. Pkt. 10c; ½ pt. 20c; qt. 60c postpaid. Not prepaid, ½ peck \$1.25; peck \$2.25.



Fillbasket.



PEAS. WRINKLED VARIETIES.—Continued.



Alaska. (See Page 73.)

flesh that the fruit can be eaten raw like an apple, and prepared like a salad. The habit of the plant is compact, of luxurious growth and produces in great quantities large fruits of beautiful dark red color. Pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.20 postpaid.

LARGE SWEET SPANISH. Bell shaped. A very large sort of square form, thick and hard, less pungent than most sorts. Ripens early. Pkt. 5c; oz. 20c; ¼ lb. 55c postpaid.

RED CAYENNE. A long slim pod, and when ripe of a bright red color; extremely strong and pungent. Pkt. 5c; oz. 15c; ¼ lb. 50c postpaid.

RUBY KING. The fruits are five to six inches long, by four inches thick, of a bright red color. Remarkably mild and pleasant in flavor. The best for making mangoes. Pkt. 5c; oz. 20c; ¼ lb. 60c postpaid.

MAMMOTH GOLDEN QUEEN. Average a third larger than Ruby King. Eight to ten inches long. Bright, waxy, golden yellow, and of mild flavor. Pkt. 5c; oz. 20c; ¼ lb. 60c postpaid.

RED CHILI. Small fruits, three inches in length and about an inch in diameter. Bright red, very hot and fiery. Ripens early. Used for making Mexican Chili. Pkt. 5c; oz. 20c; ¼ lb. 65c postpaid.

GOLDEN HERCULES. See Novelties. Packet 15c.

PUMPKIN.

Pumpkins are frequently planted in connection with a crop of corn, or as a second crop after early peas, etc. Plant in drills 8 to 12 feet apart, 1 ounce of seed for 25 hills; 3 to 4 lbs. per acre. If planted with corn, 2 lbs. will plant an acre. The fruits are very susceptible to frost, and should be gathered and stored in a cool, dry place early in the fall.

TENNESSEE SWEET POTATO. There is no variety of Pumpkin in cultivation that has given as great satisfaction as this. Hardy, productive, sweet and delicious, and one of the best for cooking purposes ever introduced. It is of medium size, of a white, creamy color, and has an



excellent flavor; a good keeper. Packet 5c; oz. 10c; ¼ lb. 25c; lb. 90c postpaid.

JAPANESE PIE. Skin is deep green, with darker stripes, turning to yellow as fruit ripens. Earlier than any other pumpkin. Seeds marked with curious indentions. Flesh very thick, a rich salmon color, nearly solid, dry and sweet, making rich pies. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

LARGE SWEET CHEESE. Fruit flattened, skin cream color; flesh yellow, thick and very tender. Large, hardy and productive. Excellent for table use. Good keeper. Oz. 5c; ¼ lb. 15c; lb. 50c.

CUSHAW OR CROOKNECK. Very productive, color light cream, sometimes lightly striped; flesh salmon-colored, mealy and sweet. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c postpaid.

KING OF MAMMOTHS. This variety grows to an immense size, often weighing over 200 lbs. The flesh and skin are of a bright golden yellow color. Flesh fine grained, and of excellent quality. Notwithstanding its enormous size, it is one of the best pie pumpkins and a splendid keeper. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.

SMALL SUGAR. Also called Sweet Pumpkin. This is the pumpkin from which the celebrated Yankee Pumpkin pie is made. It is small, being about ten inches in diameter. It has a deep orange-yellow skin, and fine grained flesh; handsome and is an excellent keeper. It cannot be excelled as a table pumpkin. The average weight is about five pounds. A sure cropper and excellent for marketing. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c postpaid.

COMMON FIELD. Well known old Connecticut Field Pumpkin. Best variety to plant with corn, and to use for stock feeding purposes in winter. Pumpkins are of medium size, orange yellow color and good flavor. Also a good sort for kitchen use. If planted with corn it only requires 2 lbs. of seed per acre. Should be more largely planted by stock raisers. Oz. 5c; ¼ lb. 15c; lb. 45c postpaid. Not prepaid, 10 lbs. \$2.75.

PEPPER.

Sow in hotbed in April and transplant to open ground when the weather is favorable, in warm, mellow soil, in rows 18 inches apart. May also be sown in open ground when all danger of frost is past and the soil is warm. One ounce to 2000 plants.

CHINESE GIANT. This variety is undoubtedly the largest Pepper in existence. The plant is of strong, vigorous growth, about 2 feet high and a very prolific bearer. The peppers are of a bright scarlet color when ripe. Flesh is thick, very mild and sweet. Packet 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.25 postpaid.

REINETTE. Mildest and sweetest of all peppers. So mild and aromatic is the



Chinese Giant.

RADISH.

One ounce will sow 100 feet of drill, 8 to 12 lbs. per acre. For first crop sow as early in the spring as the ground can be worked, and every two weeks throughout the season, for succession. A warm, sandy loam, made rich and light by strong manure is the best. Sow in drills 10 to 12 inches apart. The winter varieties should be sown in July and August.

Our Radish Seed is saved from selected, transplanted roots, and it costs more to raise Radish seed if grown that way than if no selection is made.

WHITE DELICIOUS. See Novelties on pink sheets in front of catalog.

EARLY SCARLET GLOBE. A very desirable and popular sort for the garden and for forcing. Extra early, brilliant scarlet, nearly globe shaped and remarkably crisp and tender. It forms small tops and will stand a great amount of heat without becoming pithy. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 80c postpaid.

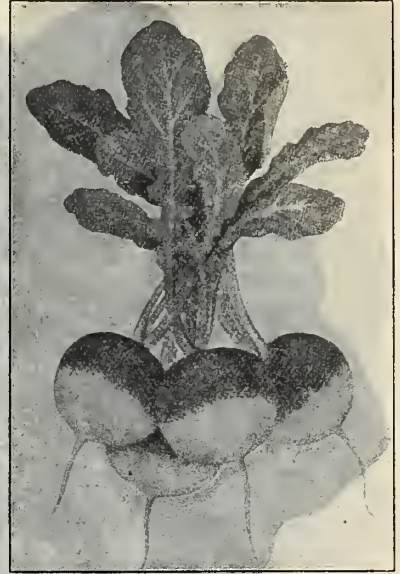
NE PLUS ULTRA. An extra early sort especially adapted to forcing, being ready for market in 20 days. Round and bright scarlet, very small tops; quality the best. A favorite with market gardeners. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 80c postpaid.

EARLY SCARLET TURNIP. A small, round, red, turnip-shaped radish, with a small top and of quick growth. An early variety of rich color, crisp and tender. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c postpaid.

ROSY GEM. Very desirable for forcing and outdoor planting. Tops and roots both small; skin bright scarlet tipped with white. One of the finest turnip-shaped radishes. A favorite with all market gardeners, and for outdoor planting this is perhaps the most popular radish. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 80c postpaid.

EARLY LONG SCARLET SHORT TOP. This is the standard variety for private garden and market use. It grows 6 to 7 inches long, half out of the ground. It is very brittle and crisp, and of quick growth; color bright scarlet. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 65c postpaid.

CININNATI MARKET. It is a long radish of a light color, white tipped, of uniform size. Extra early, with small tops. Equally good for forcing and home garden. The flesh is of transparent whiteness, always crisp, brittle and mild flavor. The standard market sort in many localities, especially in the South, but suitable for all sections. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c postpaid.



Rosy Gem.

FRENCH BREAKFAST. Well known, quick growing variety, of oval shape. Bright scarlet tipped with white. Of medium size, crisp and tender. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c postpaid.

CHARTIER. The color of the top is crimson, running into pink about the middle, thence downward it is pure waxy-white. It is very crisp, tender and of pleasant flavor, the best second early. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c postpaid.

WHITE GLOBE. Of beautiful round form, pure white skin and flesh. It is very crisp, grows rapidly, and withstands summer heat. Fine for forcing as well as for the open ground. Quality is uniformly good. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c postpaid.

ICICLE. The best long white radish. Very early, with long, slender, pure white roots. The roots grow about four inches long, are of a transparent whiteness, brittle, crisp, and of mild flavor; tops very small. They will keep crisp and fresh for a long time. Equally desirable for home use and the market. Many of our customers consider this to be finest of all radishes. May be planted throughout the season, for first early, for summer and for late use. The quality is always good. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00 postpaid.

MUNICH WHITE. The renowned German radish. The radishes grow from 6 to 8 inches in length, broad at the shoulder, have a white, thin skin, are smooth and grow quickly; flavor mild and agreeable. One of the first summer radishes and can also be grown as a winter radish, sowing the seed in July. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

WHITE STRASBURG. A very desirable summer variety. Both skin and flesh pure white, firm and brittle, and of excellent quality. It grows to a large size and holds its table qualities well. Highly to be recommended for summer planting. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 80c postpaid.

CRYSTAL WHITE. Splendid globe-shaped radish of rapid growth and transparent white color. Of equal value for forcing and open ground culture. Matures quickly and is of uniform good quality, mild, crisp and tender. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25 postpaid.

CRIMSON GLOBE. This variety is suitable both for forcing or early planting, out of doors. A remarkable feature of this radish is that it will grow double the size of other round red forcing radishes and still remain solid. In shape this new radish is round to oval. Flesh is mild and tender and we recommend it to our customers. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 95c postpaid.

MIXED RADISHES. In sowing these radishes the advantage is that one sowing will produce early, medium and late radishes of both long and turnip shape. Sow a row of these and you will have delicious radishes throughout the year. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c postpaid.

WINTER RADISHES.

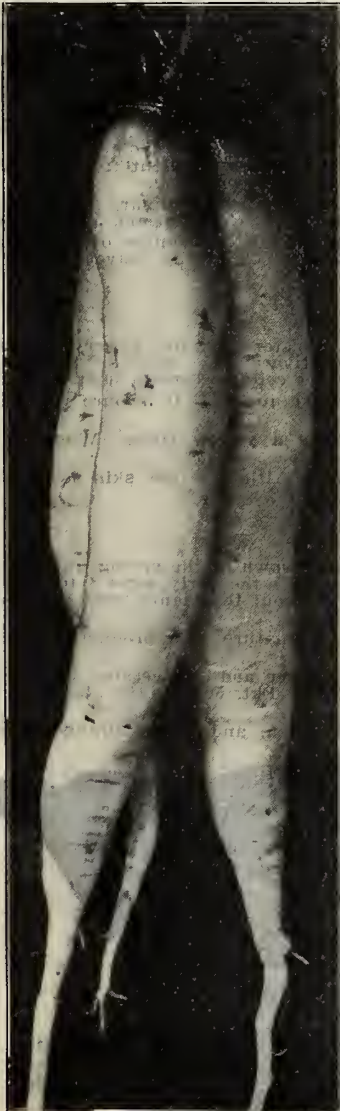
The seed of Winter Radishes should be sown during July and early August.

LONG BLACK SPANISH. One of the latest and hardest. Roots oblong, black, of very large size and firm texture. Somewhat sharp in taste. Best keeper. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c postpaid.

ROSE CHINA. One of the best fall and winter varieties, a favorite with market gardeners; bright rose color, flesh white, firm and of superior quality. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c postpaid.

CALIFORNIA MAMMOTH WHITE. Pure white. Flesh tender and crisp; keeps perfectly through the winter. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 80c postpaid.

WHITE MUNICH. The radishes grow from 6 to 8 inches in length, broad at the shoulder, have a white, thin skin, are smooth and grow quickly; flavor mild and agreeable. May also be sown earlier for summer use. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c postpaid.



Icicle.



Crimson Globe.



Flemish Giant Spinach.

dition from 2 to 3 weeks after other kinds have run to seed. Oz. 5c; $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 35c postpaid. Not prepaid, 5 lbs. \$1.25.

ROUND LEAVED. The most popular with our market gardeners; leaves large, thick and fleshy; excellent for fall sowing, being very hardy. Oz. 5c; $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 35c postpaid. Not prepaid, 5 lbs. \$1.00.

LONG STANDING. An improved strain of excellent merit, having all the good qualities of the ordinary sorts, and especially desirable because it is much later in going to seed. Oz. 5c; $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 35c postpaid. Not prepaid, 5 lbs. \$1.00.

NEW ZEALAND. This sort is grown to supply the place of the ordinary spinach during the hottest months of the year, or in dry arid localities, where the ordinary spinach does badly. Plant is very large, with thick, fleshy leaves of very fine flavor. Packet 5c; ounce 10c; $\frac{1}{4}$ lb. 30c; $\frac{1}{2}$ lb. 85c postpaid.

SALSIFY OR OYSTER PLANT.

Resembles a small parsnip, and when thinly sliced and cooked is a good substitute for oysters, having a very similar flavor. It succeeds best in a light rich soil. Sow early and quite deep, thin out and cultivate like carrots. Perfectly hardy and may remain out all winter. For winter use store a quantity of the roots in the cellar. 1 oz. to 50 ft. of drill.

MAMMOTH SANDWICH ISLAND. This salsify grows to a large size, and is of a superior quality. It is pure white in color, and is valuable to market gardeners. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. \$1.15 postpaid.

WISCONSIN GOLDEN. Like the Mammoth Sandwich Island, except that the roots have a yellow tinge. When prepared for the table, it is very tender, rich and delicious. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; $\frac{1}{2}$ lb. \$2.25.

SCORZONERA OR BLACK SALSIFY. Considered the most nutritious vegetable grown. Although the skin is black, the flesh is white and very delicious when cooked. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; $\frac{1}{2}$ lb. \$1.55.

SQUASH.

Any good enriched soil is adapted to the growing of the Squash. The seed should not be sown in the spring until danger from frost is past and the ground is warm. Plant in hills (about 8 or 10 seeds to a hill) the early sorts 4 to 6 feet apart, the late varieties 8 to 12 feet. Thin out to three plants in the hill. Keep the earth about the plants loose and free from weeds. One ounce for 25 hills, 3 to 4 pounds per acre.

EARLY WHITE BUSH. This is the well known White Pattypan Squash. The earliest to mature, very productive, light cream colored. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 65c postpaid.

DELICIOUS. Considered to be the best flavored squash in existence. Color a handsome green and of nice size, weighing 5 to 10 lbs. Flesh is of dark orange color, fine grained, sweet and dry. Best in the winter. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. \$1.15 postpaid.

MARBLEHEAD. About the size of the Hubbard. Fine grained and dry. Shell bluish green, and bright orange flesh. Excellent keeper. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; $\frac{1}{2}$ lb. 85c postpaid.

GIANT SUMMER CROOKNECK. A great improvement upon the former size, runs more evenly as to type, and grows fruit in quantity on healthy, compact, bushy plants. The fruit is heavily warted, its flesh of deep golden color, and quality best. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 65c.

WARTY HUBBARD. We consider this the ideal type of the Hubbard squash. It is the best of all winter sorts, and sells at sight in all markets. Very dark green, shell extremely hard and warty. Flesh dry, sweet and of finest flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; $\frac{1}{2}$ lb. 85c.

HUBBARD. Well known standard winter squash. Very similar to the above, however the fruits are smoother and somewhat smaller in size. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; $\frac{1}{2}$ lb. 75c postpaid.

GOLDEN HUBBARD. This is a very distinct sort, of the shape and general character of the Hubbard, but a little smaller, earlier to mature, and of rich, orange red color. Flesh is of good quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; $\frac{1}{2}$ lb. 80c postpaid.

MAMMOTH CHILL. Largest of the Squash family. Round form, flesh very thick, yellow, of good flavor. Color orange-yellow. Excellent keeper. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; $\frac{1}{2}$ lb. 75c.

SIBLEY OR PIKE'S PEAK. One of the very best winter varieties. Surpasses the Hubbard in quality. Has large, oval fruits, tapering at the blossom end. Shell hard, dark olive color. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; $\frac{1}{2}$ lb. 75c postpaid.

RHUBARB OR PIE PLANT.

Succeeds best in deep, rich soil. Sow in spring in drills, cover one inch. Thin plants to six inches apart. Transplant in autumn or spring to permanent beds three feet apart each way. One ounce will produce about 100 plants.

LINNAEUS. The standard sort. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; $\frac{1}{2}$ lb. \$1.25 postpaid.

GIANT. Very large, quite acid, of fine flavor. Extremely productive. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; $\frac{1}{2}$ lb. \$1.50 postpaid.

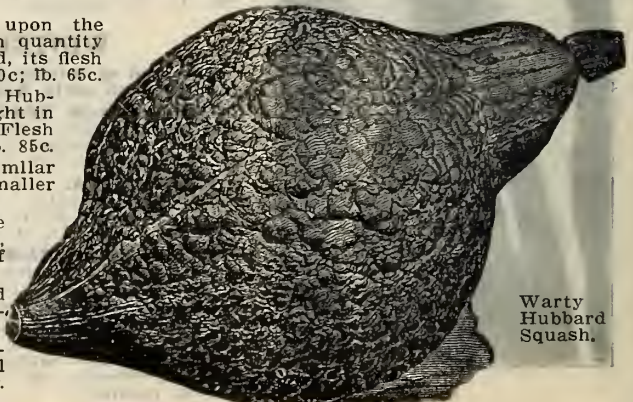
RHUBARB ROOTS. See description and price on page 28.

SPINACH.

One ounce will sow 100 feet of drill; 10 lbs. per acre. Select rich, well drained soil, sow in drills one foot apart and one inch deep, or it may be sown broadcast at the rate of 30 lbs. per acre. For spring and summer use make first sowing early in the spring and continue at intervals of two or three weeks, until the middle of June; sow in August and September for early spring use, and protect with a covering of straw during severe weather. Many gardeners use Spinach as a catch crop, obtaining quick results where otherwise land would be idle. The investment is small and the returns generally large.

FLEMISH GIANT. The plants of this new spinach are extremely hardy and of extra large size. The leaves are very thick, permitting safe long-distance shipment. It is a splendid sort for the market as well as for the home garden. Succeeds well in our western states. Oz. 5c; $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 40c postpaid. Not prepaid, 5 lbs. \$1.25.

VICTORIA. The foliage is heavy, the broad dark green leaves being of the true Savoy appearance, and of finest quality. In prime condition, 5 lbs. \$1.25.



Warty Hubbard Squash.

TOMATO. MGT

One ounce of seed for 2000 plants. Well manured, light sandy soil is best. For early plants sow the seed in boxes or hotbeds in March. When the plants are about two inches high, transplant to four inches apart each way. Set out of doors as soon as danger of frost is over. Transplant carefully four feet apart each way, and cultivate well as long as the vines will permit. To obtain early fruit pinch off the ends of the branches when the first fruit is set. Our seed stock is of the very best selection.

EARLY JUNE. See Novelties in front of catalogue. Pkt. 10c.
NEW GIANT DWARF. See colored illustration on back cover and description on page 8. Pkt. 15c.

NEW CORELESS. Most perfect canning variety ever produced. Large size, globe shaped, full at stem end, bright red, a strong grower and big cropper. Main crop variety. Most productive, individual tomatoes weighing 12 ounces or more each. Free from core. Fine for slicing, the seed cells being surrounded by bright red, heavy, meaty and delicious flesh. Its color is very brilliant and rich red. Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.30.

KANSAS STANDARD. This excellent variety is of very rapid growth, with strong, heavy stalks which stand up well. Attains a height of 2½ to 3 feet. Fruit is produced in clusters of four to five tomatoes; color bright red; shape round, slightly flattened, perfectly smooth; meat solid and thick, of excellent flavor. Is of good size, fine for shipping, and a first rate keeper. Especially adapted to our western climate, withstanding heat and drought well. Pkt. 10c; ½ oz. 15c; oz. 25c; ¼ lb. 90c; lb. \$2.80 postpaid.

SPARK'S EARLIANA. Extremely early, of large size and beautiful bright red color. Its solidity and fine quality are equal to the best late sorts. The plants are very compact, with stout jointed branches. It is enormously productive. Fruit is even in form and smooth, very fleshy, solid and excellent for shipping. For market and home use the best early tomato. Packet 5c; oz. 25c; ¼ lb. 80c; lb. \$2.75 postpaid.

CHALK'S EARLY JEWEL. Within a week as early as the famous Spark's Earliana, it is even a heavier cropper. Large handsome fruits, very solid, deep through, being almost round, or ball shaped. Color brightest scarlet, ripening right up to the stem without any cracks or green core. Flesh thick, bright scarlet, solid, with few seeds, of sweet flavor; skin thin, but strong to make it a good shipper. Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.25 postpaid.

EARLY MINNESOTA. This is considered the earliest of all tomatoes. Vines vigorous, producing smooth fruits of fair size, good shape and dark red color. Valuable for extreme northern sections. Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.00 postpaid.

ATLANTIC PRIZE. An excellent early variety that will average with the medium and late sorts both in size and shape. It is large, smooth, bright red, one of the most profitable for the market gardener to grow. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00 postpaid.

NEW GLOBE. Extra good all round sort, of distinct globe shape. Among the earliest in ripening. The fruits are of a large size, and a good marketable size is retained throughout the season; always smooth, of firm flesh and has few seeds; ripens evenly; color a fine glossy rose, tinged with purple. It is the heaviest yielding and the finest flavored of all tomatoes. Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.75 postpaid.

BEAUTY. Vines large, vigorous and heavy bearers. Fruit large, uniform in size, very smooth, excellent flavor, color glossy crimson-purplish. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.75 postpaid.

IMPROVED TROPHY. One of the best. Fruit large, smooth, of very deep color, and a good flavor. Well known and largely planted. Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.00 postpaid.

DWARF CHAMPION. Its habit of growth is not only dwarf and compact, but the stem being thick, stiff and short jointed, it is almost self-supporting.

when laden with fruit. It is early, of a purplish-pink color, smooth, solid and of fine quality. Pkt. 5c; oz. 25c; ¼ lb. 80c; lb. \$2.60 postpaid.

RED PEACH. The fruit is of uniform size, resembling a peach in shape, size and color. It is a profuse bearer until killed by frost and has an agreeable, very fine, mild flavor. It is desirable for eating from the hands, as well as for canning. Packet 5c; ounce 20c; ¼ lb. 75c postpaid.

MATCHLESS. Unsurpassed for market and table, a splendid shipper and keeper. Fruit large, of rich, cardinal red color, free from core. Less liable to crack in wet weather than any other large tomato. The plant is a strong grower, is very productive, bearing well until frost. It is without doubt the very best main crop tomato. Packet 5c; ounce 20c; ¼ lb. 65c; lb. \$2.25 postpaid.

NEW STONE. It ripens for main crop, is very large and of bright scarlet color, very smooth, ripening evenly to the stem without a crack; exceedingly solid and firm fleshed. Is an excellent shipper, quality is of the very best. Packet 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00 postpaid.

PARAGON. Many gardeners, canners and catsup makers will grow no other. An immense cropper, medium in season, and no variety holds its size better late in season. Fruit large, solid, well colored and of fine flavor. Color, glossy deep red. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.85 postpaid.

GOLDEN QUEEN. Best large yellow variety; much like Paragon, except in color. The superior flavor of the large yellow varieties is bringing them into favor as table fruit. Ripens very evenly, fruit is smooth, of good quality and fine flavor. Fine for the home garden and a good yielder. Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.25 postpaid.

ACME. Vine hardy and productive. Fruit in clusters of 4 to 5; round, smooth, and of good size; flesh solid, of excellent flavor. Color reddish purple. Ripens early. There is no better variety for market gardeners who want an early purple fruited sort. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.15 postpaid.

PONDEROSA. This is the largest fruited tomato, and is of fine quality. The vines are of strong growth; fruits largely oblong in form, deep through, and generally ridged; deep purple in color. They are solidly fleshy with small seed cells; of fine sweet flavor. One fruit often weighs a pound or more. Pkt. 5c; oz. 30c; ¼ lb. 90c postpaid.



Matchless.



Acme.



New Stone.



Purple Top White Globe Turnip.

TURNIP.

One ounce will sow 125 feet of drill. Two lbs. per acre in drills, three lbs. broadcast. Turnips do best in a highly enriched sandy or light loamy soil. Commence sowing the earliest varieties in April, in drills from 12 to 15 inches apart, and thin out nearly to 6 or 8 inches in the row. For late planting or main crop, sow in July and August.

PURPLE TOP STRAP LEAVED. Superior for early or late planting. Round and flat, good sized, small top with but few leaves; flesh very fine grained. A splendid keeper. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 50c postpaid. 5 lbs. not prepaid \$1.50.

PURPLE TOP WHITE GLOBE. This is the most popular of all market turnips. The shape is globular and of good size, and in appearance it is the best looking of all varieties, the white globe surface having an uneven purple edging at the top. The flesh is firm, fine grained, white, and of most excellent flavor. It is a fine keeper, desirable for table and stock. Immense producer. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 50c postpaid. Not prepaid, 5 lbs. \$1.75.

EXTRA EARLY PURPLE TOP MILAN. The earliest in cultivation. Of medium size, quite smooth, with a bright purple top; leaves few and short. Flesh of choicest quality, solid and fine grained. An excellent keeper. Packet 5c; ounce 10c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid.

EXTRA EARLY WHITE MILAN. Very similar to the preceding, except the skin is pure white, thus making it especially desirable for forcing. Packet 5c; ounce 10c; $\frac{1}{4}$ lb. 25c; lb. 80c postpaid.

EARLY SNOWBALL. A globe shaped, white-skinned turnip, very fine grained, firm and of delicate flavor. One of the best keeping of white fleshed sorts, very early and particularly adapted for family and market use. A popular sort of which we sell large quantities of seed year after year. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 55c postpaid.

EARLY WHITE FLAT DUTCH. A most excellent early garden variety and largely used in Southern States. Roots medium sized, flat, color white; very early, sweet and tender. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 50c postpaid.

GOLDEN BALL. One of the best and sweetest yellow fleshed turnips. Not of large size, but firm, hard and of most excellent flavor. Keeps well; excellent quality. Many of our customers prefer a yellow fleshed turnip and the old Golden Ball is by far the finest of them all. It has given the best of satisfaction everywhere. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c postpaid.

COW HORN. This variety is carrot-like in form, growing nearly half out of the ground. It is delicate and well flavored, of very rapid growth. Excellent for fall and early winter use. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 50c postpaid.

RUTABAGAS OR SWEDES.

Require a longer season than turnips. For table use they keep better, and better flavored than the turnip. For stock in fall and winter there is nothing superior to turnips and rutabagas as they are liked by all kinds of stock and keep them in good condition.

PURPLE TOP YELLOW. Considered the best yellow fleshed variety. Of fine quality and widely grown. Keeps perfectly all winter, even into the following summer. It is justly held in high esteem both for table and stock feeding purposes, and can be relied upon for general cultivation in all sections. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 55c postpaid.

SWEET GERMAN. Flesh pure white and very sweet; grows to a large size, always yields well and is a good keeper. Quality is all that can be desired. For table use and for stock feeding it is one of the best. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 50c postpaid.

WHITE RUSSIAN. One of the finest Rutabagas, a heavy yielder and very hardy. Keeps in good condition until late spring. Quality very good, sweet and tender. This is a newer variety that has given splendid satisfaction everywhere and is in great demand for market and table use, also very good for stock feeding. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 60c postpaid.

TOMATOES.—Continued.

CRIMSON CUSHION. (Beefsteak.) The best climbing tomato. Can be grown on trellises and in small space. Fruit is very large, of deep red color and excellent flavor. The plants are very productive. Fine for the home garden. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c.

WISCONSIN GOLDEN GLOBE. A very fine yellow tomato of northern origin. In every respect an equal to the best red sorts. Ripens early, is of good size, and excellent quality. Flesh very thick, solid, fine grained and of fine flavor. Heavy and withstands rot well. Pkt. 15c; $\frac{1}{2}$ oz. 30c; oz. 50c.

SMALL TOMATOES.

Excellent for Preserves and Pickles.

NEW EVERBEARING. Enormously productive, beginning to bear in June and the plants continually produce fruits until cut down by frost. Fruits are produced in immense clusters of 50 or more, are plum shaped, bright scarlet, very solid and of the finest flavor. Excellent for preserving. A splendid tomato for the home garden, being the best of all small fruited sorts. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.

YELLOW PEAR SHAPED. Bright yellow, distinctly pear shaped, of rich flavor. Packet 5c; oz. 25c.

YELLOW PLUM. Plum shaped, deep yellow, fine flavor. Packet 5c; oz. 25c.

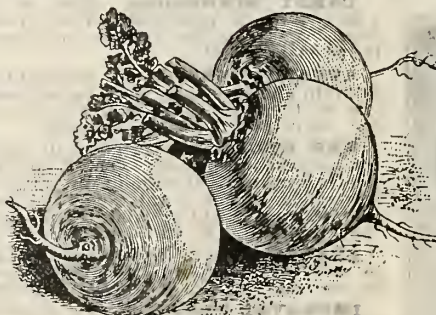
RED CHERRY. About five-eighths of an inch in diameter, borne in clusters. Packet 5c; oz. 25c postpaid.

RED PLUM. Plum shaped, rich red color, excellent quality. Packet 5c; ounce 25c.

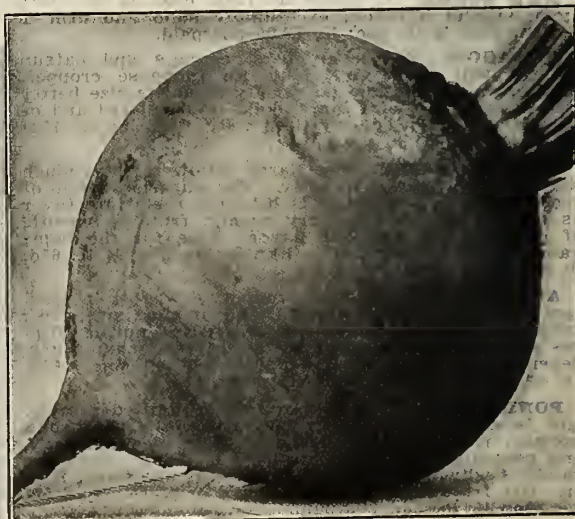
HUSK OR STRAWBERRY. Ground Cherry. Fruit golden yellow, size of a cherry. The fruits are each enclosed in a husk. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c.

GROUND CHERRY.

YELLOW HUSK TOMATO. (Strawberry or Winter Cherry Tomato.) Of low, spreading habit and grows well on any good garden soil, even on dry sandy ground. Are easily raised in any locality, and immensely productive; the fruit is simply delicious. For sauce and pies they are excellent. Can be used as preserves, and when dried are much better than raisins for cake and puddings, and they will keep in the husk, if kept in a cool place, nearly all winter. With the addition of lemon juice it is frequently preserved like plums as well as stewed like cranberries. Directions for preserving sent with each packet. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c.



Golden Ball Turnip.



Sweet German Rutabaga.

AROMATIC, SWEET, POT AND MEDICINAL HERBS.

Herbs in general, delight in rich mellow soil. Sow early in spring in shallow drills one foot apart; when up a few inches thin out to proper distance or transplant. Some of them have very fine seed, and it is only necessary, after the seed is sown to press the ground with a board. For flavoring fruits, meats, etc., a few pot and sweet herbs are necessary for every garden. If they are to be used during the winter the stalks should be cut on a dry day, when not quite in full bloom, then be dried quickly in the shade, and when dry be packed closely in boxes, with the air entirely excluded.

ANISE. Used for garnishing, seasoning, and for cordials. The seeds have an agreeable, aromatic taste. Pkt. 5c; oz. 10c; ¼ lb. 30c.

ARNICA. Tincture of Arnica is made from it. Packet 10c.

ARTEMESIA. (Mugwort.) For flavoring stews, roasts, etc. Packet 10c.

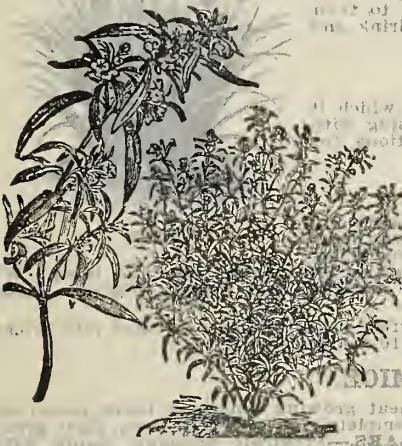
BALM. The leaves are used for making balm wine, a pleasant beverage; also for tea used in fevers. Pkt. 5c; oz. 25c; ¼ lb. 80c.

BASIL, SWEET. The leaves are used for flavoring soups, stews, etc., also for garnishing. Pkt. 5c; oz. 15c; ¼ lb. 50c.

BORAGE. Leaves used for salads. Flowers excellent for bees. The lower spikes can be used in cool drinks. Flowers very aromatic. Most easily grown in any soil or any waste place. Pkt. 5c; oz. 15c; ¼ lb. 50c.

CARAWAY. Seeds are used for flavoring bread, pastry, meats, etc.; also used in confectionery and medicine. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c postpaid.

CHAMOMILE. A great medicinal herb. Much used for the well known Chamomile tea. Packet 10c.



Summer Savory.

SAGE. Leaves used for seasoning and dressing, also in medicine. Pkt. 5c; oz. 15c; ¼ lb. 50c.

SORRELL, LARGE LEAVED. For boiling "greens" or used as salad. Cook like spinach. Pkt. 5c; oz. 15c; ¼ lb. 50c.

SUMMER SAVORY. Plant is aromatic. Leaves and young shoots are used for flavoring, especially with boiled string beans, also used for dressing. Pkt. 5c; oz. 15c; ¼ lb. 50c postpaid.

TANSY. An aromatic medicinal herb. Leaves are used for tea and in bitters. Pkt. 5c; ounce 25c.

TARRAGON. Valued for seasoning and culinary purposes. Pkt. 10c.

VALERIAN. For medicinal purposes. Packet 10c.

SWEET WOODRUFF. For flavoring wine. Well known ingredient of the German "Maitrank." Shoots also used for scenting clothes. Pkt. 10c.

THYME. Medicinal and culinary herb. Young leaves and tops used for soups, dressing and sauce, either green or dry. Thyme tea is a cure for nervous headache. Packet 5c; oz. 20c; ¼ lb. 75c.

WORMWOOD. Medicinal herb. Beneficial for poultry, and should be planted in every poultry yard. Pkt. 5c; oz. 20c.

WINTER THYME. True winter or Perennial. It is used same as Thyme. Packet 10c.



Marjoram.

CASTOR OIL PLANT. The seeds yield castor oil. Pkt. 5c; oz. 10c; ¼ lb. 20c.

CHEERVIL. Leaves used for garnishing and flavoring. Also for salads. Pkt. 5c; oz. 10c; ¼ lb. 25c.

CHIVES. Used for seasoning. Onion flavor. Pkt. 5c; ½ oz. 30c; oz. 50c.

CORIANDER. Seeds are aromatic. Used for flavoring and in the manufacture of liquor and confectionery. Leaves used for garnishing. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 65c postpaid.

DILL. Leaves and seeds are used for flavoring soups, sauces, preserves and pickles. Packet 5c; oz. 10c; ¼ lb. 25c; lb. 75c postpaid.

FENNEL. Leaves are used for garnishing, seeds for flavoring. The leaves boiled are used in fish sauces. Pkt. 5c; oz. 10c; ¼ lb. 25c.

HOREHOUND. Leaves used for flavoring. Also used in the manufacture of cough remedies. Pkt. 5c; oz. 25c.

LAVENDER. An aromatic, medicinal herb, but the plant is chiefly grown for its flowers, which are used in the making of perfumes. The dried leaves, put up in paper bags, are used to perfume linen and to keep out moths. Pkt. 5c; oz. 20c.

MARJoram, SWEET. Used for flavoring. The leaves and the shoots may be dried for winter use. Pkt. 5c; oz. 15c; ¼ lb. 45c.

MUSTARD, WHITE. For salad or culinary purposes. Oz. 5c; ¼ lb. 15c; lb. 40c.

OPIUM POPPY. Medicinal herb. Pkt. 5c; oz. 15c; ¼ lb. 45c.

PEPPERMINT. For flavoring and in cool drinks. 25 seeds 10c; 100 seeds 25c.

ROSEMARY. Leaves used for seasoning. The oil from the flowers is used in perfumery. Packet 5c; oz. 25c.

RUE. Medicinal. Good for fowls for the roup. Should be planted by every keeper of poultry. Packet 5c; oz. 20c.

SAFFRON. Used for coloring and flavoring. Pkt 5c; oz. 10c; ¼ lb. 30c.



Swiss Chard or Silver Kale.

HERB PLANTS.

MINT. The old fashioned mint, used for mint sauce and jilups. Two year old plants, each 20c; 10 for \$1.75 postpaid.



Garlic. (See Page 72.)

TARRAGON. (Artemesia dracunculoides.) Genuine perennial kind. 2-yr. old plants, ea. 20c; 10 for \$1.75 postpaid.

OKRA OR GUMBO.

The young seed pods of this Southern plant are used for the well known and delicate "Gumbo" soups; alone or with chicken. Its smooth, glutinous taste is much liked. Probably the finest known vegetable for table use. Easy to grow. Plant in spring, as soon as danger of frost has passed. Plant in drills or hills, 18 to 24 inches apart, cultivate same as Corn. The pods can be dried for winter use.

WHITE VELVET. Produces larger pods than any other. Never prickly to the touch, round and smooth, other varieties being ridged. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

SWISS CHARD.

Also called "Silver Kale" or "Cut and Come Again Spinach." Used for greens and is of superior quality. Can be used all summer when Spinach is not available. Later the leaves may be cooked like asparagus. Oz. 5c; ¼ lb. 20c; lb. 60c postpaid.

MISCELLANEOUS SEEDS.

ALPINE EVERBEARING STRAWBERRIES.

These grow freely from seed and fruit the first summer. In March or April sow seed under glass, and in May transplant to open ground. By the first of July they commence blooming, and the first fruit ripens about the 15th of that month. From that time there is ripe fruit continually until late in October. The berries, while not so large as the garden varieties, are much higher flavored. A few of them will perfume a whole room, so great is their delicious aroma. Perfectly hardy. Can be grown in pots in the house very easily. Pkt. 10c; 3 pkts. for 25c.

CURLED CHERVIL.

The leaves are used in flavoring soups and salads for garnishing. More beautiful than parsley. Of dwarf growth, with finely curled leaves. One ounce will sow 100 feet of drill. Cultivate same as parsley. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 65c postpaid.

CHIVES.

Perfectly hardy little perennial members of the onion tribe, and are grown exclusively for their tops, which are used wherever the flavor of onions is required. The tops appear early in the spring, and can be shorn throughout the season as needed. Pkt. 5c; ½ oz. 30c; oz. 50c.

FENUGREEK.

Annual. This seed is much sought by hostlers to give temporary fire and vigor to their horses. It is frequently given to oxen and pigs when fattening, causing them to drink and digest their food. Good for soiling when green. Ounce 10c; lb. 50c postpaid.

GARDEN LEMON.

Fruit is of shape shown in our engraving, is somewhat smaller than Vine Peach, which it resembles in growth, but has thinner flesh, and is decidedly more acid, thus dispensing with the sliced lemons which are so important in putting up the Vine Peach. Directions for cooking with each packet. Pkt. 5c; oz. 15c; ¼ lb. 50c.

MUSHROOMS.

The ease and certainty with which a crop of mushrooms can be grown to perfection in any ordinary house, cellar, woodshed or barn, and the astonishing success of so many who have taken up this new industry both for profit and their own use, induces us to call special attention to the subject. The great luxury can be enjoyed by all at a trifling expenditure of money, time and labor. We recommend our English mushroom spawn as generally better both for the market gardener and private planter. Book, "How to grow Mushrooms," 10c.

IMPROVED ENGLISH SPAWN. This is grown by special culture from large perfect heads and then pressed into bricks weighing about 1½ pounds each. Per brick 40c postpaid. Not prepaid, 5 lbs. 75c; 10 lbs. \$1.35.

ORNAMENTAL MICE.

Is a native of Central Africa, having a small, neat growing vine, and bears numerous oval fruits, clear green in color, which are always completely covered with long, light green spines of hairs. Nice for pickling. **CATERPILLARS.**—Prostrate creeping plants with small flowers changing into "Vegetable Caterpillars." **SNAILS.**—Another similar variety having most oddly shaped seed pods resembling snails. **WORMS.**—Curiously formed fruits of odd shapes.

Above varieties mixed, packet 10c.

PEANUTS.

Can be grown as far north as South Dakota, and everyone should plant at least a few for the children.

MAMMOTH VIRGINIA. The most profitable to grow, easily cultivated. Very erect stems and upright foliage. Plant in drills four feet apart, placing nuts 6 inches apart. Packet 10c; ½ lb. 20c; lb. 35c postpaid. Not prepaid, lb. 25c; 5 lbs. \$1.00.

SPANISH. The earliest variety grown; pods are small, but remarkably solid and well filled. Plant in drills 3 feet apart, placing nuts 8 to 10 inches apart. Pkt. 10c; ½ lb. 20c; lb. 35c postpaid. Not prepaid, lb. 25c; 5 lbs. \$1.00.

POMEGRANATE.

An ornamental little fruit which a century ago was commonly grown in the gardens, but is now rarely seen. Grows on a pretty vine. Fruit is round, of a bright yellow. Irregularly striped with orange red or mahogany. Very fragrant; a single specimen will sweetly perfume a room for many days. The fruit served with sugar, makes a dainty dessert. Pkt. 5c; oz. 25c.

POTATO SEED.

Hybridized potato seed from the flower boll (the true seed). It is from such seed that the choice new varieties of potatoes are originated. The result is interesting and often very profitable. Pkt. 10c; 3 for 25c.

ROSELLE.

The Lemonade Plant of Queensland. The fruit resembles the scarlet podded okra, and is used for making jelly and jam. It is easily grown from seed, grows rapidly and resists drought. It is a very ornamental plant and also of great food value, warranting more extended cultivation. Packet 10c.

VINE PEACH.

The vine on which they are borne is somewhat similar to the muskmelon vine, and requires the same cultivation. The fruit is about the size of a large peach, oval shaped, and of bright orange color, somewhat russeted. For sweet pickles, pies or preserving they are superb. Pkt. 5c; oz. 15c; ¼ lb. 50c postpaid.

TOBACCO.

CONNECTICUT SEED LEAF. Best adapted to the climate of the Middle and Northern States. Packet 5c; oz. 25c; ¼ lb. 85c postpaid.

WHITE BURLEY. Largely grown for the manufacture of fine cut plug. Packet 5c; oz. 30c; ¼ lb. \$1.00 postpaid.

HAVANA. Well known large leaved variety. Pkt. 5c; oz. 25c; ¼ lb. 85c postpaid.



Chives.



Mushrooms.



Peanuts.



On the following pages we offer the best varieties of choice Flower Seeds. Our seeds are fresh and of unsurpassed quality, grown by the best growers in this country and Europe. Quality is always our first consideration. There is no space so small that there is not room for a few of these beautiful flowers, and with a small outlay a succession and abundance of bloom can be obtained. Our packets contain a liberal quantity of seed, more than is generally sent out by other firms. **Annuals** bloom and ripen seed the first year and then perish. They are marked "A" after name. **Perennials** continue flowering several years in succession. Many of them bloom the first year. They are marked "P" after name.

Cultural directions given on all packets. **NOTICE OUR LIST OF NOVELTIES ON PINK SHEETS IN FRONT OF CATALOGUE.**

Purchasers may select flower seeds IN PACKETS ONLY, to the amount of \$1.25 for \$1.00. This does not apply to collections of seeds, nor to seeds by weight or measure. All flower seeds are sent postpaid by mail on receipt of price.

ASTERS. A.

Asters are of easy culture. The seed can be sown in the open ground in May and the plants will then bloom in September and October. For earlier blooming, sow in March or April, in cold frame or hotbed, or boxes in the house. Seed should not be covered more than ¼ of an inch.

UNICUM. Pure white, large flowers, gracefully curled and twisted. Very fine. Finest cut flowers. Packet 10c.

WHITE GIANT COMET OR POODLE ASTER. The handsomest of the tall asters. Resembles Japanese Chrysanthemums. Packet 10c.

DARK BLUE GIANT COMET. Very large, double flowers, resembling the finest chrysanthemums, color a beautiful intense dark blue. Packet 10c.

DAYBREAK. This beautiful aster is one of those rare gems that has come to stay. The flowers are round, large and full, on long stems; color a charming sea-shell pink; early and free flowering. Pkt. 15c; ¼ oz. 30c.

VIOLET KING. The habit is similar to the branching Aster. In form the flower is entirely new and distinct; petals somewhat resemble the Quilled varieties, but are much larger and broader, those in the center being curled and incurved. The bloom is round and full, many measuring from 4 to 5 inches. Its color is a soft, violet-lilac. Pkt. 10c; ¼ oz. 25c.

LAVENDER GEM. When first opened the flower is an exquisite shade of delicate lavender, deepening with age. The flower is always full double, looking like a beautiful large chrysanthemum. Packet 15c.

SURPRISE. The nearest approach to a real yellow aster. Flowers are large, globular, quilled, very double and of a clearly pronounced sulphur yellow. Packet 10c.

LILIPUT BOUQUET. One of the most exquisite of all asters, and especially suited for pot culture or for low border. Extremely dwarf, being only 8 or 9 inches high, but almost smothered with blossoms. Splendid mixture. Packet 10c; 3 for 25c.

COMET OR BRANCHING. Flowers large, very double, borne on long stems. Best for cut flowers. Mixed. Pkt. 5c; ½ oz. 20c.

HOENZOLLEBN. The finest of the large flowered asters. Larger than Giant Comet, the petals longer, more curled. Blooms very abundantly on long stems. Finest cut flower. Mixed. Pkt. 10c; ½ ounce 25c.

IDEAL EVERBLOOMING. This new aster produces more good cut flowers than any other kind. The plant, 18 inches high, is in bloom from August to the end of September. Packet 10c.

PAEONY FLOWERED. Plants 18 to 20 inches high. Flowers large, extra double. Mixed colors. Packet 5c; ½ oz. 20c.

VICTORIA. Magnificent sort, 20 inches high, free bloomer, very double; colors distinct and brilliant. Finest mixed. Packet 10c; ½ oz. 30c.

DWARF CHRYSANTHEMUM. The finest of all dwarf asters; with large, beautiful flowers in brilliant colors. Mixed. Packet 5c; ½ oz. 25c.

GERMAN QUILLED or Japanese Needle Aster. Nice double flowers, very free blooming. Mixed. Pkt. 5c; ¼ ounce 15c.

MANY KINDS MIXED. Very superior. Pkt. 5c; ¼ ounce 25c.

SINGLE FLOWERING. True China aster. Finest assortment of colors. Pkt. 5c; ¼ oz. 20c.

PERENNIAL. P. Hardy Alpine Aster. Single flowering, hardy herbaceous plants. If sown early will flower the first season. The flowers are beautiful. Mixed. Packet 10c.

ABRONIA. A

GRANDIFLORA. Flowers are rosy-lilac, sweet scented. Does well in light soil. For beds, borders and hanging baskets. Blooms continuously all summer. Packet 5c.

AGERATUM. A.

BLUE. Very pretty sky-blue flowers. Nice for borders. Packet 5c; ¼ oz. 10c.

AMARANTHUS A.

CAUDATUS. (Love Lies Bleeding.) Very large, handsome, drooping flower spikes of blood red color. 3 feet. Packet 5c.

TRICOLOR. Handsome foliage plant. Leaves yellow, red and green. Well known as "Joseph's Coat." 3 feet high. Should be found in every garden. Packet 5c.

ANTIRRHINUM. A. (Snapdragon.)

These plants do not receive the attention they deserve. One of the best cut flowers. Easy grown from seed; excellent for beds and borders.

GIANT FLOWERED. Flowers very large and fragrant, produced in long spikes all summer. Pkt. 10c; ½ oz. 20c.

DWARF MIXED. Plants grow about 1 foot high. Pkt. 5c; ¼ oz. 20c.

TALL MIXED. Plants grow 2 feet high. A nice mixture of many shades and colors. Packet 5c; ¼ ounce 20c.



Comet Branching Aster.

ALYSSUM. A.

SWEET. Flowers white, fragrant. Easily grown in boxes, vases and in beds. Used extensively as a border plant. Pkt. 5c; 1/2 oz. 20c.

CARPET OF SNOW. Of dwarf, dense growth, completely covered with snow white flowers. Blooms all summer. Nice for borders, and should be found in every garden. Pkt. 5c; 1/2 ounce 25c.

AQUILEGIA. P. (Columbine.)

TRUE ROCKY MOUNTAIN. Colorado's emblem flower. Free flowering; for permanent borders, etc. Blossoms light blue. Pkt. 10c.

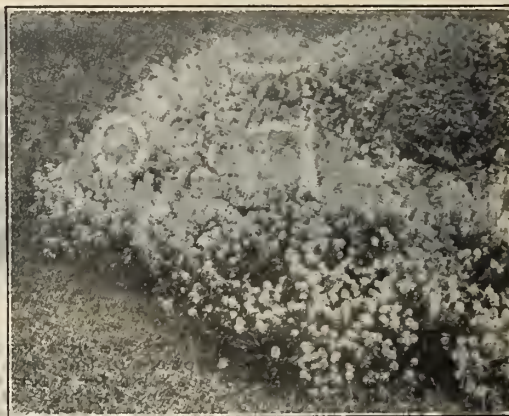
SINGLE AND DOUBLE MIXED. Many different varieties. All colors mixed. Packet 5c; 1/4 oz. 10c.

ARABIS. A.

ALPINA. (Snow in Summer.) Very early white spring flower. Dwarf, fine for edging. Quite fragrant. Should be in every garden. Packet 5c; 1/4 oz. 15c.

ARCTOTIS GRANDIS. A.

AFRICAN LILAC DAISY. A new flower; three inches across, sbwoy, pure white on upper surface, and reverse side of petals pale lilac blue. Blooms abundantly allsummer. Pkt. 10c; 3 for 25c; 1/2 oz. 25c.



Alyssum, Carpet of Snow.

ARMERIA. P.

MOUNTAIN PINK. Flowers grow in large tufts, rosy pink. Beautiful for edging. Packet 10c.

ASPERULA. A.

AZUREA. Fragrant light blue flowers. Thrive well in shady places. Packet 4c; 1/2 ounce 10c.

AURICULA. P.

A well known favorite of great beauty. Flowers are of a great many very lovely shades and sweet scented. Seed saved from splendid mixed varieties. Half hardy perennial, six inches high. Packet 10c.

BALSAM. A. (Lady Slipper.)

One of the most beautiful annuals. Flowers brilliantly colored, very large and double. Balsams like rich soil and a sunny situation.

CAMELIA FLOWERED. Very double, extra large flowers of rich color. Finest mixed. Packet 5c; 1/4 oz. 25c.

DOUBLE WHITE. Flowers are extremely double, very large, of true Camelia shape. Packet 10c.

ROSE FLOWERED. Splendid rose-like flowers of brilliant colors. Packet 5c; 1/4 oz. 25c.

DWARF DOUBLE MIXED. Finest varieties. Pkt. 5c; 1/4 oz. 20c.

TALL CARNATION FLOWERED. Flowers are large, double and beautifully striped. Packet 5c; 1/4 oz. 25c.

NIGHTBLOOMING BALSAM. (Nycteria.) Flowers single, pure white, emitting a strong, delicious heliotrope perfume after sundown. Should be in every garden. Packet 5c; 1/4 oz. 20c.

BRACHYCOME. A.

SWAN RIVER DAISY. Of dwarf growth, very free flowering. Covered with a profusion of pretty flowers nearly all summer. Suitable for edging, small beds or pot culture. Pkt. 5c; 1/4 oz. 15c.

BUTTERFLY PLANT. A.

COMMELINA. Plants are of graceful, trailing habit, superb for carpet bedding. In pots it will bloom every day in the year. In the garden from May until frost, showing daily scores of large butterfly-like blossoms. Color, beautiful blue. Thrives in sun or shade, wet or dry, rich or poor soil. Blooms in 50 days from seed. Pkt. 10c.

CALCEOLARIA. P.

Produces a mass of beautiful pocket-like flowers. Universal favorite for house culture and conservatory. Finest mixture of many beautiful colors. Packet 20c.

CALLIOPSIS. A.

One of the showiest of garden flowers, covered with hundreds of flowers from July to October. Of easiest culture. Grows 2 feet high. Fine cut flower.

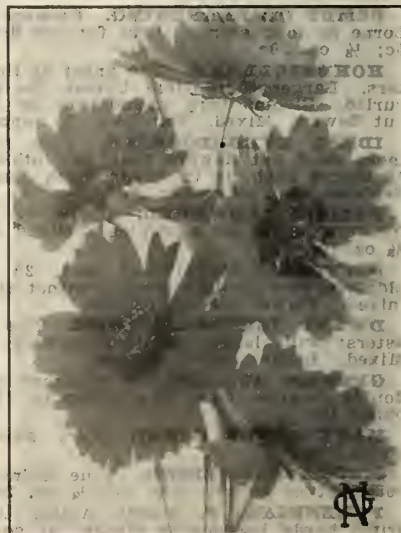
GOLDEN WAVE. Plants very bushy and compact. 2 feet high. Flowers beautiful golden yellow with dark center. Packet 5c; 1/4 ounce 10c.

GOLDEN RAY. Bright, showy flowers of rich purplish brown, turning golden yellow toward the end of each petal. Plants grow about 8 inches high, of compact bushy habit, and are profuse bloomers. A new variety. Pkt. 10c; 1/4 oz. 20c.

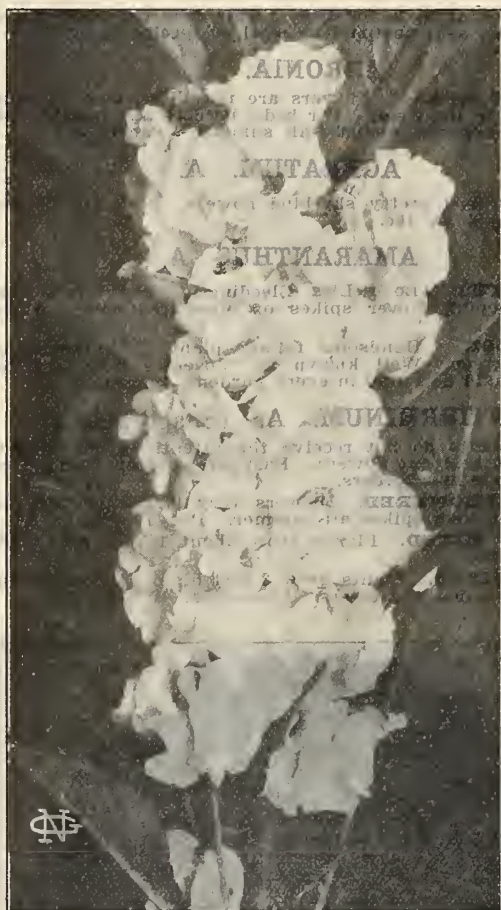
HYBRIDA SUPERBA. These pretty plants form dense bushes and are covered the entire summer with their beautiful flowers in all shades of yellow and brown. Desirable for groups, borders, pots, and as cut flowers. Pkt. 10c; 3 pkts. 25c.

FINEST MIXED. Many varieties. Packet 5c; 1/2 oz. 10c.

DOUBLE MIXED. Fine double flowers, free bloomer. Splendid for cut flowers. Grows 15 inches high. Choice varieties in mixture. Pkt. 5c; 1/4 oz. 10c.



Calliopsis.



Balsam, Double White.

ture and conservatory. Finest mixture of many beautiful colors. Packet 20c.



German Carnation.

GIANT MARGUERITE. The seed of this new strain will bloom in about four months after sowing, and the plants will continue to flower all through the summer. The flowers are of very large size, measuring 3 inches or more in diameter; the colors are very beautiful. Packet 10c.

CELOSIA OR COCKSCOMB. A.

Handsome garden and pot plants, bearing large combs of crimson, pink or golden striped color.

DWARF MIXED. Splendid mixture of dwarf sorts. Packet 10c; 1/4 oz. 25c.

CENTAUREA. A.

Also called Bachelor's Button, Blue Bottle, Ragged Sailor, Corn Flower. Old favorite garden annuals, flowering freely in any situation and requiring little care.

MIXED. Many varieties mixed. Packet 3c; 1/2 oz. 10c; ounce 15c.

AMERICANA. Grows 3 feet high. Large ball-like flowers of heliotrope color. Very fragrant. Valuable for cut flowers. Packet 10c.

DOUBLE. Beautiful double flowers of many colors. Packet 5c; 1/2 oz. 15c.

EMPEROR. Lovely dark blue flowers of many lovely shades. Packet 5c; 1/2 ounce 10c; ounce 15c.

GYMNOCARPA. (Dusty Miller.) Finely cut, silvery-white leaves. Showy foliage plants for borders; 1 1/2 feet high. Packet 5c; 1/2 oz. 25c.

MARGUERITA. Large, pure white flowers, sweet scented. Fine for cutting. Pkt. 5c; 1/4 oz. 15c.

IMPERIALIS or Sweet Sultan. Large, beautiful flowers. Packet 5c.

CERINTHE. A.

WAX PLANT. Beautiful and easily grown annual. Excellent bee plant. Flowers bright yellow, often spotted with purple. Packet 5c; ounce 15c.

CHRYSANTHEMUM. A.

These hardy annuals are showy and effective border plants, extensively grown for cut flowers.

DOUBLE AND SINGLE MIXED. Packet 5c; 1/4 ounce 10c.

EVENING STAR. Flowers pure golden yellow and 3 inches in diameter. Bad weather has little or no effect on the stems, the petals remaining firmly extended in the rain and sunshine. The plants bloom in about ten weeks after sowing, continuing until frost. Packet 10c.

MAXIMUM. P. Moonpenny or Ox-Eyed Daisy. A free blooming hardy perennial, two feet high, covered with large, single, pure white flowers. Packet 5c; 1/4 ounce 20c.

PERENNIAL. Chinese and Japanese varieties. Will bloom in fall from seed sown in March. Flowers large, very double. Packet 10c.

CALENDULA. A.

Will grow in any soil and bloom all summer. Excellent for bouquets and vases. One foot high. Sow seed outdoors quite early. Mixed colors. Packet 5c; 1/2 oz. 10c.

CAMPANULA. P.

Canterbury Bells. Hardy perennial favorites, bearing large bell-shaped flowers in profusion. Grows best in light sandy soil.

DOUBLE MIXED. All sorts and colors. Pkt. 5c; 1/2 oz. 20c.

SINGLE MIXED. Many colors. Splendid assortment. Pkt. 5c; 1/2 oz. 10c.

CUP AND SAUCER. The beautiful bell-shaped flowers are nearly 4 inches across, in form of a saucer. Mixed. Packet 10c; 1/4 oz. 25c.

CANDYTUFT. A.

Hardy annuals that grow easily in any soil, and bloom very freely all summer.

DWARF EMPRESS. Plants grow about 8 inches high, covered with extra large, pure white flowers. Fine for solid beds and edging. Packet 10c; 1/4 ounce 20c.

ALL COLORS MIXED. A good assortment. Packet 3c; 1/2 ounce 10c; ounce 15c.

WHITE ROCKET. Large white flowers. One foot high. Packet 5c; 1/2 ounce 10c.

CANNA. A.

Stately plants of luxuriant and tropical appearance. Easily grown from seed. Will bloom the first year.

LARGE FLOWERING MIXED. The best varieties. Pkt. 5c; 1/2 oz. 15c; ounce 25c.

MADAME CROZY. Dark leaved varieties. Pkt. 5c; 1/2 oz. 15c; ounce 25c.

CARNATION. P.

Wellknown flowers for house and garden culture. Flowers are large and fragrant. Our seed is unsurpassed.

DOUBLE GERMAN. Finest mixed. Sweet scented, double, large flowering sorts. Best for house culture. Packet 10c.

EVERBLOOMING FRENCH. Flowers large, very double, deliciously sweet, and of rich color. Bloom in 4 months from seed. Pkt. 10c.

SCARLET GRENADIN. The best carnation for the garden. Flowers double, large, rich scarlet. Lives through the winter with little protection. Packet 10c.

MARGUERITE. For garden and house culture. The beautiful, fragrant flowers are in bloom four months after time of seeding. Blooms nearly all of the time. Mixed colors. Packet 5c.



Centaurea.



Celosia or Cockscomb.

CHOCOLATE FLOWER. A.

Plant grows 2½ feet high and bears numerous long stemmed flowers of a peculiar chocolate brown color and sweet odor. Fine cut flower. In bloom from July to October. Packet 10c.

CINERARIA. P.

Showy plants for pot culture. Large, beautiful flowers. The extreme grace and elegance of the plant and flower makes it effective for decoration. Pkt. 15c.

COLEUS. A.

Handsome foliage plant, easily grown from seed. Leaves large and rich in color. 2 feet high. Mixed. Packet 5c.

COSMOS. A.

Grows and blooms with the greatest freedom in any soil. Flowers dainty, of brilliant colors, carried on long slender stems. Foliage feathery and very pretty. Extra fine for cut flowers.

EARLY FLOWERING. Many varieties mixed. Will bloom from July to November. Packet 5c; ¼ ounce 20c.

GIANTS OF CALIFORNIA. Flowers very large and beautiful. Handsome fern-like foliage. Start the seed early. Finest mixed. Packet 5c; ¼ ounce 15c.

MAMMOTH FANCY. Very large, beautiful flowers in exquisite shades. Pkt. 10c.

DAHLIA. P.

Can be easily raised from seed and will bloom profusely the first year. One of the best late summer flowering plants.

CACTUS FLOWERED. Flowers large, fine cactus form. Splendid mixed. Pkt. 10c.

COLOSSAL. New Paeony flowered class; mammoth blooms of many shades. Pkt. 10c.

DOUBLE MIXED. Large flowering double varieties. All colors. Packet 5c.

SINGLE MIXED. They produce flowers of large size in greatest abundance. Pkt. 5c; ¼ ounce 10c.

DELPHINIUM OR LARKSPUR.**ANNUAL VARIETIES.**

These hardy annuals are of great beauty in borders or among shrubs. The long flower spikes appear in greatest profusion.

DWARF HYACINTH FLOWERED. The plant grows 2 to 3 feet high; the flower spikes resemble a double Hyacinth. Colors are brilliant and delicate. Finest mixture. Packet 5c; ¼ ounce 15c.

DOUBLE TALL MIXED. Produces freely long slender flower spikes of great beauty. Plants 3 to 4 feet high. Packet 5c; ¼ oz. 15c.

PERENNIAL VARIETIES.

CHINESE BLUE. Plants grow 3 feet high. A distinct and pretty variety, with fine feathery foliage, and producing freely spikes of large blossoms, varying in color through all the delicate shades of blue. Pkt. 5c; ½ oz. 15c.

NUDICAULE. Plants grow 1 foot high. The only pure bright scarlet. Dwarf and compact in growth, with flower stems of fine length. A native of California. Packet 20c.

ZALIL. Flowers are bright yellow. One of the most beautiful perennials. Flowers resemble the finest orchids. Packet 10c.

PERENNIAL MIXED. Hardy perennial plants with brilliant flower spikes that are strikingly effective. Finest mixture double and single flowering. Pkt. 5c; ¼ ounce 15c.

CHINESE TOM THUMB "ULTRAMARINE." See Novelties, page 7.

DIANTHUS OR PINKS. A.

For beautiful and lasting cut flowers, ease of culture, and freedom of bloom, these hardy Garden Pinks have no superior among annuals. Have long been a favorite garden flower everywhere.

WONDERFUL. Japanese variety with large single flowers, the petals of which are deeply cut and fringed. All colors. Packet 10c.

COUNT KERCHOVE. Beautiful new Pink with large, full flowers of dark blood red color. Blooms profusely and long season. Packet 10c.

GIANT RUFFLED AND FRINGED. A magnificent new strain with extra large flowers. The petals are ruffled, frilled and fringed. Many beautiful colors. Packet 10c.

DOUBLE ROYAL PINKS. Flowers of the largest size, very double, light and dark shades. Lovely cut flowers. Packet 10c.

IMPERIAL CHINESE. Double flowers of great beauty and rich colors. Best mixture. Packet 5c; ¼ ounce 15c.

LACINIATUS. Flowers are large, very double and finely fringed. Packet 5c; ¼ oz. 25c.

HEDDEWIGH. Large double flowers. One of the most showy of all pinks. Mixed colors. Packet 5c; ¼ oz. 25c.

MOURNING CLOAK. The large, double, almost black flowers, have a clear white, fringed edge. Packet 5c; ¼ ounce 25c.

SNOWBALL. Flowers double, very large, often 2 inches in diameter, resembling a pure white carnation. Packet 10c.

(Dianthus continued on next page.)



Cosmos.



Delphinium.



Dianthus or Pinks.

DIANTHUS OR PINKS.—Continued.

HEDDEWIGII, GIANT SINGLE. Immense flowers of strikingly pretty colors. Mixed. Packet 10c; ¼ oz. 25c.

STAR PINKS. Beautiful, star-shaped, pure white flowers. Plants grow only 10 inches high. Excellent for edgings. Profuse bloomer. Packet 10c.

DELTOIDES. P. Maiden Pinks. Pretty little flowers of deep red color. Plant of dwarf creeping habit. Fine for borders and massing. Will grow easily most anywhere. Packet 5c; ¼ oz. 20c.

GRASS PINKS. P. The delicately fringed flowers are fragrant and fine for bouquets. Packet 5c; ¼ oz. 25c.

ERFURT CLOVE PINKS. P. The plants are of dwarf growth, perfectly hardy and produce immense quantities of clove scented flowers. Packet 10c.

DATURA. A.

TRUMPET FLOWER. Large, trumpet shaped flowers, very showy. Of easy culture. Will bloom profusely all summer. Double and single mixed. Pkt. 5c; ¼ ounce 15c.

DIGITALIS OR FOXGLOVE, P.

Beautiful for shrubberies or along shaded walks or drives. It thrives in sun or partial shade, is of easy cultivation, comes readily from seed. The long flower stems are loaded with pretty flowers of delicate and varied shades. 3 to 4 feet high. Blooms from June to September. All colors mixed. Packet 5c; ¼ ounce 15c.

DIMORPHOTECA. Australian Golden Daisy. A.

A rare and showy annual from South Africa, of easy culture and beautifully colored flowers. Plants grow 12 to 15 inches high and are very profuse in flowering. Its Marguerite like blossoms 2½ to 3¼ inches in diameter, show a unique glossy rich orange gold, which render it more conspicuous by the dark disc surrounded by a black zone. Well adapted for groups or borders. Blooms very early after being planted out in the open ground in sunny situations and will continue to flower during the summer months. Packet 15c.

DOUBLE DAISIES. P.

Will bloom the first summer and continue to bloom for years, with slight protection during the winter. Very pretty and deserve to be grown much more than they are.

GIANT SNOWBALL. Flowers large, double, snow white, on long stems. Free flowering. Packet 10c.

FINEST MIXED. Assortment of various kinds and colors. Packet 5c.

BURBANK'S GIANT SHASTA. Flowers very large and graceful, pure white, single, grow on long, stiff, wiry stems. Pkt. 10c.

DWARF MORNING GLORY. A.

CONVOLVULUS. This is one of the plants that should be better known. Grows easily and rapidly from seed, and the plants are covered with flowers the entire season. One foot high. Mixed. Pkt. 5c; ounce 15c.

EDELWEISS. P.

GNAPHALIUM. The true and famous Edelweiss of the Alps. Flowers star-shaped, downy and silvery white. Packet 10c.

FORGETMENOT. P.

(Myosotis.) Neat and beautiful little plants, with star-like flowers. Succeeds best in a moist situation.

ALPESTRIS. Lovely, sky-blue flowers. Pkt. 5c.

PALUSTRIS. The true water Forgetmenot. Blooms continuously. Packet 10c.



Australian Golden Daisy.



Gaillardia.



Four O'Clock.

ESCHOLTZIA. A.

Or California Poppies. Showy summer blooming plants, bearing a profusion of richly colored flowers. Fine for beds, edging or masses.

DOUBLE MIXED. Pretty double flowers, white, rose and yellow. In bloom from June until cut down by frost. Mixed. Packet 5c; ¼ ounce 15c.

CALIFORNIA. Large yellow flowers. Packet 3c; ounce 15c.

GOLDEN WEST. Extra large flowers of bright yellow and orange. Packet 10c; ¼ ounce 20c.

BUSH ESCHOLTZIA. Very beautiful plant, forming a nice bush, covered with large, cup-shaped flowers 3 inches across, on long stems. The color is bright yellow. The cut flowers keep in water for two weeks. Pkt. 10c; ¼ ounce 20c.

FOUR O'CLOCKS. A.

Also called Mirabilis and Marvel of Peru. Well known free flowering garden favorite. Does well everywhere. Give each plant 12 to 15 inches of room. Will grow splendidly along the fence, requiring no care and blooming freely.

DWARF MIXED. Many colors mixed. Packet 5c; ounce 15c.

SWEET SCENTED. Flowers white, very fragrant. Packet 5c; ounce 25c.

STRIPED LEAVED. Very ornamental foliage. Blooms continuously. Mixed. Pkt. 5c; ounce 20c.

FUCHSIA. P.

Well known house plant of beautiful form. Blooms the first year from seed. Flowers come in colors of red, white and purple. Double and single mixed. Packet 20c.

GAILLARDIA. P.

Undoubtedly one of the choicest of hardy perennials. Flowers are large, very numerous and fine for cutting.

FINEST MIXED. Brilliant shades of orange, crimson, scarlet and vermillion. Packet 5c; ¼ ounce 15c.

DOUBLE ANNUAL. The large double flowers are round as a ball, in the most varied colors. Nice for bouquets. Pkt. 5c; ¼ oz. 20c.

GODETIA. A.

Of easiest culture. The flowers are of handsome shape, brilliant in color and are produced in marvelous profusion. Tall mixed. Pkt. 5c; ¼ ounce 15c.

GOLD FLOWER. A.

HETEROSPERMUM. Flowers golden yellow. The plants bloom continually from June until frost, commencing four weeks after sowing. Nice for bouquets. Packet 10c.

GRASS PINKS. P.

HARDY SCOTCH PINKS. The delicately fringed flowers are bright in color and very attractive. Adapted for beds and borders. Spicy odor; in bloom all the time. Fine cut flowers. Pkt. 5c; ¼ oz. 25c.

GYPSOPHILA. A.

Also called Angel's Breath and Baby's Breath. This plant thrives everywhere and furnishes the loveliest material for all kinds of bouquets. Packet 3c; ½ ounce 10c.



Grass Pinks. (Page 85.)

LOBELIA. A.

Popular and beautiful flowering plants, suitable for edgings, hanging baskets and pot culture. Bloom June to November.

SNOWBALL. This beautiful new Lobelia is a decided acquisition and will be welcome to every flower lover. The plant forms compact, globular bushes, is of quick, robust growth, producing a great profusion of lovely snow-white flowers, completely covering the plant. Combined with blue Lobelias a grand display may be obtained in the garden. Pkt. 15c.

CRYSTAL PALACE. Flowers rich, deep blue; dark foliage; best for bedding. Packet 10c; $\frac{1}{8}$ oz. 25c.

GOLDEN FOLIAGE. Azure blue; foliage yellow. Packet 15c.

CARDINALIS. A fine border plant 3 feet high, with large spikes of brilliant scarlet flowers. Packet 10c.

LYCHNIS. P.

Grand hardy perennial plants for beds and borders. Will bloom year after year, requiring no protection.

CHALCEDONICA. Plants grow 1 foot high and bloom the first year from seed. Flowers brilliant scarlet, star-shaped. Packet 5c.

MARIGOLD. A.

Free-flowering old favorites of easy culture. Well adapted for large beds and borders.

DWARF FRENCH. Double mixed. Packet 3c; $\frac{1}{2}$ oz. 15c.

TALL AFRICAN. 2 $\frac{1}{2}$ feet high. Large double flowers. Mixed. Pkt. 5c; $\frac{1}{2}$ oz. 15c.

CROSS OF HONOR. Plants grow 9 inches high and bloom until late fall. Flowers single, rich golden yellow, with a large spot of velvety brown. Packet 5c; $\frac{1}{2}$ oz. 15c.

SWEET SCENTED. Large beautiful flowers. Packet 5c; $\frac{1}{4}$ ounce 15c.

MIMULUS. P.

Showy, profuse flowering plants for shady situations or house, blooming the first year from seed. One foot high.

TIGRINUS or Monkey Flower. Mixed spotted varieties. Pkt. 5c.

MOSCHATUS OR MUSK PLANT. Of dwarf, creeping habit. Flowers yellow, have strong musk fragrance. Packet 5c.

MYOSOTIS. See Forgetmenots.

NEMESIA. A.

Very pretty bedding flower of easiest culture. Flowers large, of rich color and are produced in wonderful profusion. Pkt. 10c.

NICOTIANA. A. (Tobacco Plant.)

AFFINIS. This plant grows to a height of 2 $\frac{1}{2}$ feet and produces an abundance of large, pure white flowers of delicious fragrance. Packet 5c; $\frac{1}{4}$ ounce 15c.

SANDERAE. Will thrive anywhere and produce lovely flowers of carmine-red color from summer to late autumn. Packet 10c.

SANDERAE, NEW HYBRIDS. Easily cultivated and free growing plant that will thrive in any soil, either in pots, boxes or in the open ground. Grows 2 feet high. Valued for cut-flowers. Mixed. Pkt. 10c.

HELIOTROPE. P.

A great favorite with everybody. Flowers very pretty and of delightful fragrance. A splendid bedding plant as well as suitable for house culture. Seed sown in February or March will produce large, flowering plants the first summer.

FINEST MIXED. Bloom from seed the first summer. Pkt. 5c; $\frac{1}{8}$ oz. 25c.

NEW MAMMOTH. A grand variety, producing immense clusters of fragrant flowers. Packet 10c.

HELIANTHUS. See Sunflower.

HOLLYHOCK. P.

One of the most majestic of hardy plants. For planting among shrubbery or forming backgrounds for other flowers it is without an equal.

DOUBLE MIXED. A fine mixture of double sorts. Pkt. 5c; $\frac{1}{4}$ oz. 20c.

CHATER'S EXTRA DOUBLE. Flowers large and very double. Finest strain obtainable. Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

ANNUAL EVERBLOOMING. A strain of quick blooming Hollyhocks. Seeds sown in March will produce plants that bloom in July and continue blooming until cut down by frost. Flowers are double, semi-double and single. Mixed colors. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

HUNNEMANNIA. A.

Very beautiful plant, forming a nice bush, covered with a great profusion of large, cup-shaped flowers 3 inches across, on long stems. The cut flowers keep in water for two weeks. Packet 10c; $\frac{1}{4}$ oz. 20c.

ICE PLANT. A.

Will do best on dry, sandy soil. The plant is of dwarf habit; flowers are white, wax-like and frosted. For rock work and hanging baskets. Packet 5c; $\frac{1}{4}$ ounce 15c.

KENILWORTH IVY. P.

LINARIA. A charming little plant for baskets, vases, etc. Flowers in shades of purple and lavender. Packet 10c.

LANTANA. P.

Desirable bedding plant, constantly in bloom. Verbena-like heads. Also suitable for pot culture, for hanging baskets and vases. Mixed. Packet 5c; $\frac{1}{4}$ ounce 10c.

AT LINUM. A.

SCARLET FLAX. An effective and showy bedding plant 12 inches high. Foliage is finely cut and flowers are brilliant scarlet. Pkt. 5c; oz. 15c.

PERENNE. P. Beautiful hardy perennial, producing bright blue flowers the entire summer. 18 inches high. Packet 5c; oz. 20c.

LUPINS. A.

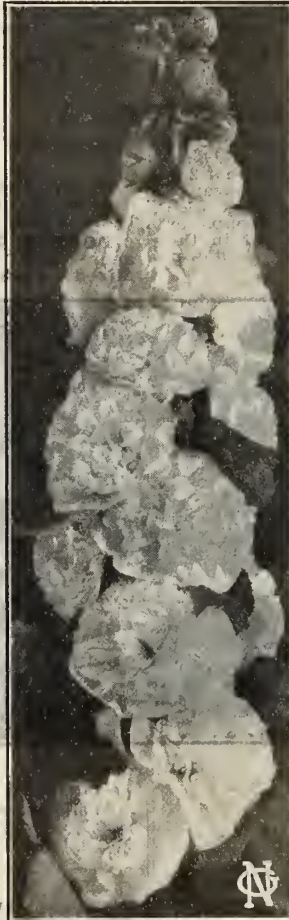
Ornamental, free flowering plants for borders and beds, with long spikes of richly colored flowers.

DWARF MIXED. Annual free flowering varieties. Packet 5c; ounce 15c.

PERENNIAL LARKSPUR FLOWERED.—Extra long spikes of pretty flowers in blue and lilac shades. 2 to 3 feet high. Pretty and fine for cutting. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

MIMOSA. A.

(Sensitive plant.) Curious and interesting plants. Leaves close and droop when touched or shaken. Flowers red. 1 $\frac{1}{2}$ ft. high. Pkt. 5c.



Hollyhocks.



Snowball Lobelia.

MIGNONETTE. A.

A well-known favorite. No garden is complete without a bed of Mignonette. Also suitable for pot culture. Should be watered freely until plants are several inches high.

GIANT MACHET. There is no Mignonette which can equal this. Its flowers are larger in every way than those of other sorts, the spikes are very dense, its foliage is distinct, being crinkly, while its odor is strong and most delicious. The plants grow in handsome bush form and the flower spikes are borne on stiff wiry stems. Blooms until late fall. Pkt. 10c; ¼ oz. 20c.

SWEET SCENTED. The old sweet scented variety. Pkt. 2c; ounce 10c.

GOLDEN QUEEN. Flowers yellow, very sweet. Packet 5c; ¼ ounce 15c.

GIANT WHITE. Long white flower spikes produced in great abundance. A very pretty variety. Pkt. 5c; ½ oz. 15c.

DWARF NASTURTIUMS. A.

These may well be classed among our most beautiful and showy annuals. They are of easy culture, and make a continuous show of bloom.

DWARF CHAMELEON. Bears flowers of various colors on one and the same plant. Pkt. 5c; oz. 15c; ¼ lb. 45c.

DWARF GOLDEN KING. Dark foliage; bright golden yellow flowers. Pkt. 5c; oz. 10c; ¼ lb. 25c.

KING OF TOM THUMBS. Deep scarlet flowers. Pkt. 5c; oz. 10c; ¼ lb. 25c.

DWARF MIXED. Packet 3c; oz. 10c; ¼ lb. 25c; lb. 75c.

DWARF IVY LEAVED. New sorts in finest mixtures. Pkt. 10c; ½ oz. 15c; oz. 25c; ¼ lb. 75c.

CLIMBING NASTURTIUMS. A.

Elegant and luxuriant climbers for verandas, trellises, etc. May be used to cover unsightly railings and to trail over rough ground with fine effect.

TALL CHAMELEON. This beautiful new variety produces various colored flowers on the same plant. Pkt. 5c; oz. 15c.

KING THEODORE. Flowers rich deep crimson; dark leaves. Packet 5c; oz. 10c; ¼ lb. 30c.

TALL IVY LEAVED. Finest assortment of Ivy leaved varieties. Pkt. 10c; ½ oz. 15c; oz. 25c; ¼ lb. 75c.

LOBB'S CLIMBING. A grand free flowering variety. Very showy and rich colored flowers. Finest mixed. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

TALL MIXED. Nice mixture of bright colors. Pkt. 3c; oz. 10c; ¼ lb. 25c; lb. 75c.

NIGELLA. A.

(Love in a Mist or Devil in a Bush.) A compact free flowering plant with finely cut foliage and curious looking flowers and seed pods. 1 foot high. Pkt. 5c; ½ oz. 10c; oz. 15c.

NYCTERINIA. A.

NIGHT BLOOMING BALSAM. Of dwarf growth. Flowers are single, pure white in color, emitting a strong delicious heliotrope perfume after sundown. Should be in every garden. Pkt. 5c; ¼ ounce 20c.



Nasturtium



Mignonette, Giant Machet.



Double Portulaca.

PORTULACA. A.

Also called Rose Moss or Sun Plant. One of the most popular hardy annual plants of easy culture. The flowers are of the richest colors and produced in profusion. They are self seeding, and by sowing the seed in a permanent place you can have a beautiful bed of flowers every year with very little care.

SINGLE MIXED. Large flowering, fine mixture of colors. Pkt. 5c; ¼ oz. 20c; oz. 60c.

DOUBLE MIXED. Many shades, double flowering. Packet 10c; ¼ oz. 75c.

DOUBLE WHITE. Packet 10c.

DOUBLE PINK. Packet 10c.

DOUBLE SCARLET. Packet 10c.

DOUBLE YELLOW. Packet 10c.

Collection of four separate colors, 1 packet of each for 35c.

I had a nice garden from your seeds, and my Paeony flowered Poppies were the admiration of the whole town.

Mrs. H. J. Noble.

OENOTHERA. A.

EVENING PRIMEOSE. Neat plants, with large, saucer-shaped flowers, white or golden yellow; open at dusk; emit a delightful perfume. Packet 5c.

PALMS. P.

Nice stately palms are comparatively easy to grow from seed and the plants make splendid ornaments. Directions for culture on each packet.

LATANIA BORBONICA. This is the typical palm with large fan-like leaves. The finest of all palms. Packet of 10 seeds 10c.

CHAMAROPS EXCELSA. One of the best plants for house culture. Packet of 12 seeds 10c.

PHOENIX. Beautiful specimen for house culture. Packet of 10 seeds 10c.

WASHINGTONIA. The fan-shaped leaves are fringed with long, thread-like filaments. Stands neglect well. Packet of 12 seeds 10c.

CYPERUS. Well known Umbrella Palm. Packet of about 60 seeds 5c.





Three Blossoms of our German Imperial Pansies.

MASTERPIECE OR GERMANIA. New Giant Curled Pansy. This strain comes nearer to double Giant Pansies than anything ever introduced under that name. The petals are crimped and curled in such a fashion that the flowers appear double. The flowers are of enormous size often 3 inches across, and the color variations and combinations are odd and striking, the rich, dark velvety shades predominating. Packet 20c; 3 for 50c.

PRETIOSA. A new and very beautiful Pansy with extra large flowers. The color is carmine-purple with bright violet blotches and distinct margin of glistening pure white. Packet 20c.

THE GLOBE. See novelties on pink sheets. Pkt. 25c.

GIANT TRIMARDEAU. Flowers extra large; stand well above foliage. Each flower marked with 3 blotches. Strong growers. Pkt. 10c; ½ oz. 40c.

PSYCHE. Giant flowered. Each flower is elegantly curled and undulated and in every respect a beauty in form and color. The characteristic five velvety violet blotches or eyes are surrounded by a broad white edge. True from seed. Pkt. 15c.

BUGNOT'S MAMMOTH. Of numerous size and circular form; the petals are of great substance and velvety appearance, each one bearing a large, deeply colored blotch that runs out in delicate veins to the edge; the shadings comprise tints of red, bronze and brown. Packet 15c.

GERMAN IMPERIAL. Elegant, richly colored flowers of large size and perfect shape. Fine for bedding. This is the finest mixture of Giant flowered Pansies and is sure to please everybody. Pkt. 10c; ¼ oz. \$1.00.

ENGLISH TUFTED PANSY or Pansy Violet. Elegant free blooming plants for partially shaded beds and borders. They are more hardy than regular Pansies. Large flowering varieties mixed. Packet 15c.

LIGHT BLUE. A delicate shade. Packet 5c.

CARDINAL. The finest bright red Pansy. Very showy. Packet 10c.

KING OF BLACKS. Velvety black, the darkest Pansy known. Nice for sowing with light colored sorts. Packet 5c.

SNOWFLAKE. Large, satiny, pure white flowers. Pkt. 5c.

YELLOW. Beautiful golden yellow with dark eye. Pkt. 5c.

EXTRA FINE MIXED. We make up this mixture from the finest varieties of English, German, French and Belgian Pansies. An endless variety of colors and markings. Packet 10c; ¼ oz. 50c; oz. \$1.75.

GOOD MIXED. Many varieties and colors. Packet 5c; ¼ oz. 30c; oz. \$1.00.

PETUNIA. A.

For bedding, edging or house culture, few plants equal the Petunia in effectiveness and bright colors. Easily cultivated and blooms all season.

DOUBLE MIXED. Beautiful large flowering varieties mixed. Packet 25c.

GIANTS OF CALIFORNIA. Flowers single, large, in great variety of colors. Packet 15c.

BEDDING PETUNIAS.

LITTLE GEM. Bushy little plants 8 inches high. Flowers show a five pointed star; all colors. In bloom all the time. Packet 10c; ¼ oz. 40c.

STRIPED AND BLOTCHED. Fine for bedding and window boxes. Pkt. 5c; ¼ ounce 20c.

NORMA. Beautiful bedding Petunia forming compact bushes covered with numerous blue flowers, each one showing a white star. In bloom all summer. Pkt. 15c.

ALBA. Pure white. Desirable for cemetery planting, or where large masses of white are wanted. Grows 12 inches high. Packet 5c; ¼ oz. 25c.

COUNTESS ELLESMERE. Flowers beautiful pink. Fine bedding Petunia. Pkt. 5c; ¼ ounce 25c.

KERMESINA. Flowers bright, glowing crimson. Packet 5c; ¼ ounce 25c.

VENOSA. Beautifully veined flowers of many shades. Packet 5c; ¼ oz. 25c.

GOOD MIXED. Many colors mixed. Packet 5c; ¼ oz. 20c; ¼ oz. 35c.

PANSIES.

Pansies are too well known to require any description, as they are favorites with all. For best results you must start with a good strain of seed. The finest pansies are, as a rule, shy seeders, which accounts for the difference in the prices of the various mixtures offered below. The plants thrive best in a cool, moist, but well drained and enriched soil. Sow seeds in April or early May and cover lightly. The soil should be kept moist until plants are up.

ORCHID FLOWERING. This new giant flowered Pansy shows the most surprising, novel, unique, and beautiful color combinations, entirely new among pansies. The upper petals are upright and plaited, resembling orchids. The ground color of nearly all the flowers is light. Packet 20c.

PHENOMENAL OR MAD. PERRET. Beautiful Giant Flowered Pansy with frilled edge. Colors are rich wine shades and red with a white margin. A very fine sort. Packet 15c.

QUADRICOLOR or Pheasants Eye. Elegant spotted and marbled, large flowers. Pkt. 5c; ½ oz. 30c.

STRIPED VARIETIES. The lovely flowers are striped and mottled in various tints. Very pretty. Pkt. 5c; ½ oz. 25c.



Petunias.

PENTSTEMON. P.

MIXED HYBRIDS. Large flowering, very attractive plant, much used in hardy borders. Forms large and beautiful flower spikes. Height 2 to 3 feet. Packet 10c.

ANNUAL MIXED. Large flowering annual varieties. Very best kind in splendid mixture. Packet 5c.

PERILLA. A.

An elegant foliage plant of easiest culture. Leaves dark purple. Two feet high. Pkt. 5c; ½ oz. 15c.

PHACELIA. A.

A charming annual of spreading habit, growing 2 to 3 feet high. Flowers purplish blue, very pretty. In bloom until fall; easy culture. Splendid bee food. Pkt. 5c; oz. 10c.

PHLOX DRUMMONDI GRANDIFLORA. A.

Of all summer flowering annuals the varieties of large flowering Phlox are one of the most brilliant and satisfactory. From June until October they maintain an endless display of dazzling and varied colored flowers.

STARRED AND PRINGED. Very pretty star-shaped flowers. Plants are of dwarf growth. The flowers have a most distinct and star-like appearance, their attractiveness being enhanced by white margins which border the petals. Mixed colors. Packet 10c; ¼ ounce 20c.

ALBA. Extra large, white flowers. Packet 5c; ¼ oz. 30c.

SCARLET. Intense, glowing scarlet. Pkt. 5c; ¼ oz. 30c.

ROSE. Pleasing shade of rose pink. Pkt. 5c; ¼ oz. 30c.

YELLOW. Flowers large, of lemon yellow color; quite novel and distinct. Pkt. 5c; ¼ oz. 30c.

EXTRA CHOICE MIXED. This mixture contains the best varieties. Pkt. 5c; ¼ oz. 25c.

DWARF MIXED. Of dwarf, compact habit. Fine for pot culture, for bedding and edging. 6 to 8 inches high. Very profuse bloomer. Packet 10c; ¼ ounce 25c.

DOUBLE FLOWERING. Flowers double and semi-double; last longer than single Phlox. Mixed colors. Pkt. 15c.

PERENNIAL MIXED. Hardy perennial sorts in splendid mixture of colors. Packet 10c; ½ ounce 40c.

POPIES. A.

ADMIRAL. A new single paeony-flowered Poppy of surprising beauty. The large, round, smooth-edged flowers are of a glistening pure white color, with a broad band of brilliant scarlet around the top. Packet 10c.

GOLDEN FOLIAGE. A new and novel variety, with beautiful golden-yellow foliage, and large double flowers in various shades of red. Plants grow about 12 inches high and bloom continuously for two months. Packet 10c.

TULIP FLOWERED. The perfect and strikingly beautiful flowers resemble the Tulip. Intense fiery scarlet; single. Packet 10c; ¼ ounce 20c.

SHIRLEY. Silk or Ghost Poppies. Handsome single flowers of glowing colors. Sown in June they will produce beautiful flowers in September. Mixed. Packet 5c; ¼ ounce 15c.

DOUBLE PAEONY FLOWERED. Large, showy, double, globular flowers, resembling a double paeony. We can supply the following solid colors for bedding purposes:

WHITE, ROSE, SCARLET, PURPLE and YELLOW. Each, per packet 5c; ½ ounce 15c.

COLLECTION of one packet each of the 5 colors for 15c.

DOUBLE PAEONY FLOWERED MIXED. Flowers as large as Paeonies and very double. Finest mixture of many colors. Packet 5c; ½ ounce 10c.

DOUBLE CARNATION FLOWERED. Flowers of large size and varied colors. Very popular. Pkt. 5c; ½ ounce 10c.

DOUBLE AND SINGLE MIXED. Special mixture of many double and single flowered varieties. Finest Mixed. Pkt. 5c; ½ oz. 15c; oz. 25c.

HORNED POPPY. The large, fine shaped flowers measure three inches across and are of brilliant orange red with black or yellow spots on each petal. Blooms continuously. 2½ feet high. Pkt. 5c; ½ oz. 15c.

PERENNIAL POPPIES.

ICELAND POPPY. P. Will produce flowers the first year from seed. The colors range from pure white to orange-scarlet and flowers are slightly fragrant. Nice for vases. Finest mixed. Pkt. 10c; ¼ oz. 20c.

PERENNIAL MIXED. P. Nice assortment of many hardy perennial Poppies. Packet 10c; ¼ ounce 25c.

PRIMULAS. A.

CHINESE PRIMROSE. One of most important winter blooming pot plants, in bloom almost all winter. Mixed. Packet 15c.

PRIMULA OBCONICA. Everblooming Primrose. Splendid for pot culture and also for the open border in summer. Flowers single, in shades of lavender, pink and red. Packet 15c.

PRIMULA AURICULA. Garden Primrose. A well known favorite. Sweet scented. Also see Auricula on page 82. Packet 10c.

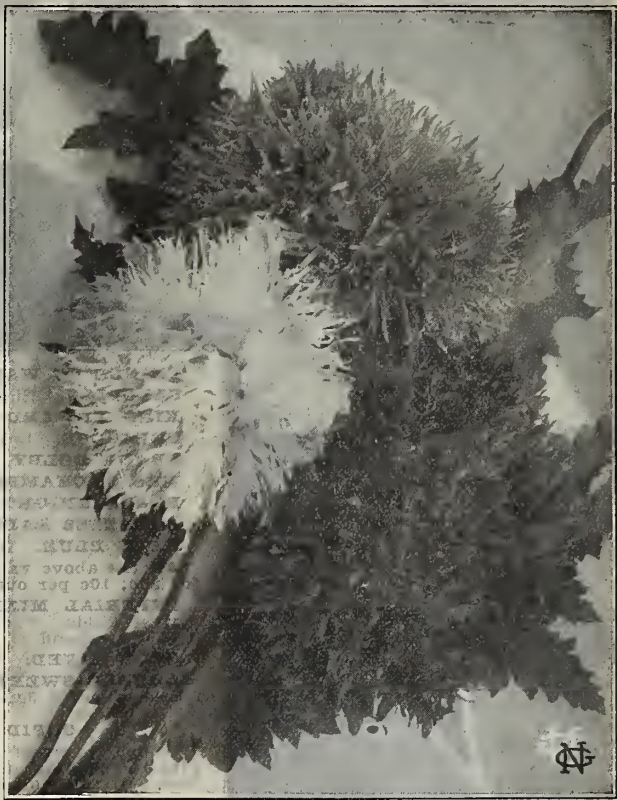
PRIMULA VULGARIS. Hardy English Garden Primrose. Flowers lovely canary yellow and of sweetest fragrance. Packet 10c.

PYRETHRUM. P.

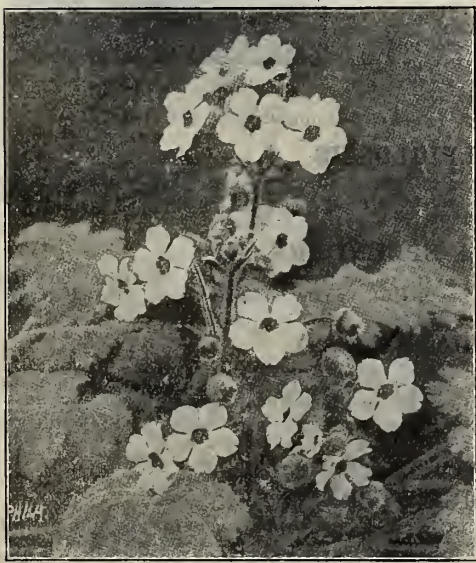
Handsome herbaceous plants of easy culture. Very popular wherever they are known.

GOLDEN FEATHER. Beautiful golden leaved foliage plant for borders and ribbon beds. 6 inches high; half hardy perennial. Pkt. 5c.

HYBRIDUM. Beautiful hardy perennials blooming in May and June. Large, Aster-like flowers in many shades. Always in demand for bouquets. Single and double mixed. Packet 10c.



Double Paeony Flowered Poppies.



Everblooming Primrose.

SWEET PEAS. A.

Every variety in our list is entitled to a place in the front rank of Sweet Peas, each being the best of its class. Everybody likes Sweet Peas, and they are grown with so little care and bloom so profusely, that even the smallest garden should contain a good supply. Try an ounce or more of our Imperial Mixed Sweet Peas, and you will have the nicest assortment of colors you have ever seen. Sweet Peas make such lovely and sweet scented bouquets that one really is surprised not to find this flower in every garden, no matter how limited the space may be.

DOROTHY ECKFORD. Elegant, very large, massive, pure white flowers.

EARLIEST OF ALL. Standard bright pink with white wings.

LADY MARIE CURRIE. Beautiful deep orange pink.

APPLE BLOSSOM. Lovely, bright, rosy-pink flowers. Very large, on sturdy stems.

EARLY BLANCHE FERRY. Very early. Flowers bright pink and white.

PRINCE OF WALES. Large size and perfect form, bright rose colored.

SALOPIAN. Rich, deep crimson-red; large and fine, shell-shaped flowers.

KING EDWARD VII. Glowing bright scarlet. A fine self-colored variety.

PRIMROSE. Beautiful primrose yellow. A rare and desirable color.

FRANK DOLBY. Largest and finest pale blue. A beautiful delicate shade.

MRS. J. CHAMBERLAIN. White, striped and flaked with rose.

BLACK KNIGHT. Rich, glossy, blackish maroon. Darkest of all Sweet Peas.

COUNTESS RADNOR. Delicate lavender. Pretty and large.

NAVY BLUE. Deep violet-blue. Free bloomer. Wings violet and blue.

All the above varieties at the uniform price of 5c per packet; or any 6 packets for 20c; 10c per ounce; 20c per ¼ lb.; 60c per lb. postpaid.

IMPERIAL MIXED. Fifty different large flowering varieties, including the newest kinds. The best mixture obtainable. Packet 5c; ounce 10c; ¼ lb. 25c; lb. 70c postpaid.

GOOD MIXED. Many varieties and colors. Pkt. 3c; oz. 5c; ¼ lb. 15c; lb. 35c.

DOUBLE SWEET PEAS. The flowers are double and semi-double. All colors mixed. Packet 5c; ounce 10c; ¼ lb. 25c; lb. 70c postpaid.

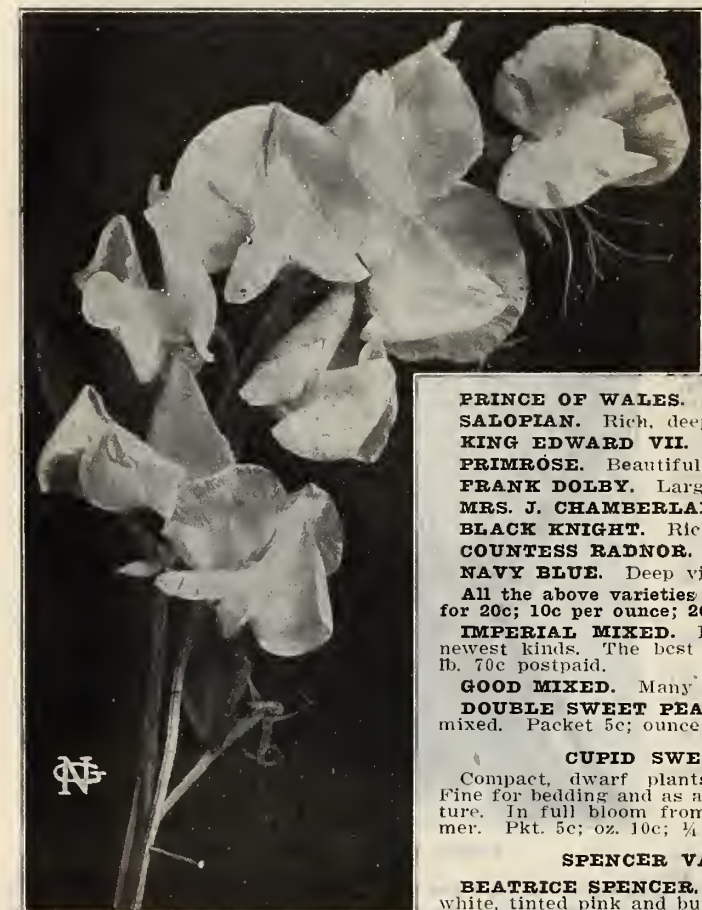
CUPID SWEET PEAS.

Compact, dwarf plants, seven inches high. Fine for bedding and as a border, or for pot culture. In full bloom from June until late summer. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

SPENCER VARIETIES.

BEATRICE SPENCER. Flowers large, ground white, tinted pink and buff. Pkt. 10c; oz. 25c.

BURPEE'S WHITE SPENCER. Best pure white Spencer variety; large flowers. Pkt. 10c; oz. 25c.



Sweet Peas, Dorothy Eckford.

CAPTAIN OF THE BLUES SPENCER. Standard purple with blue wings. A very beautiful shade to plant with light colored varieties. Pkt. 10c; ounce 20c.

COUNTESS SPENCER. True pale pink with a darker edge. Fine bloomer. Pkt. 10c; ounce 25c.

KING EDWARD SPENCER. The best of the rich red sorts. Pkt. 10c; oz. 25c.

OTHELLO SPENCER. Beautiful dark brown chocolate red color. Pkt. 10c; oz. 25c.

SPENCER HYBRIDS. Very large flowering strain, with long stems. We offer a choice Mixture of the Spencer type at the following low price: Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

RICINUS OR CASTOR BEAN. A.

Strong growing plants with ornamental foliage, adapted as center plants for Canna or Dahlia beds and single specimens.

SANGUINEUS. Beautiful brownish-red foliage, 6 feet high. Pkt. 5c; oz. 10c.

ZANZIBARIENSIS. 12 to 15 feet high. Enormous leaves 2½ feet across and are beautifully lobed. Pkt. 5c; ounce 15c.

MIXED. Many kinds mixed. Packet 5c; ounce 10c; ¼ lb. 30c.

SALPIGLOSSIS. A.

Of easy culture, blooming from early summer until late fall. Flowers orchid-like. One of the finest and best of our annual garden flowers. Large flowered mixed. Packet 5c; ½ oz. 15c.

SALVIA SPLENDENS. P.

SCARLET SAGE. Blooms first year from seed. A favorite bedding plant, bearing long spikes of beautiful, scarlet flowers from July to frost. Packet 10c; ½ ounce 25c.

SCABIOSA. A.

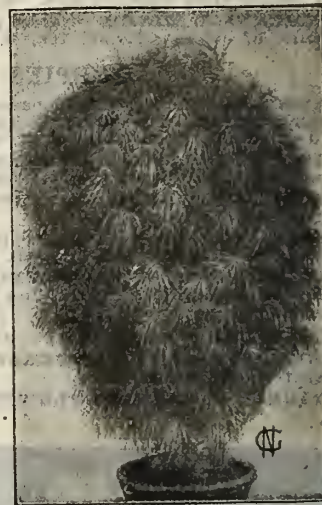
Mourning Bride or Egyptian Rose. Exceedingly pretty border plants, producing great numbers of very showy double flowers. Splendid cut flowers. Blooms freely during the summer and autumn. Two feet high.

SNOWBALL. Flowers large, pure white and very double. Splendid for vases and bouquets. Pkt. 5c; ¼ oz. 15c.

DOUBLE MIXED. Large flowering varieties. Pkt. 5c; ½ oz. 15c.

SUMMER CYPRESS. A.

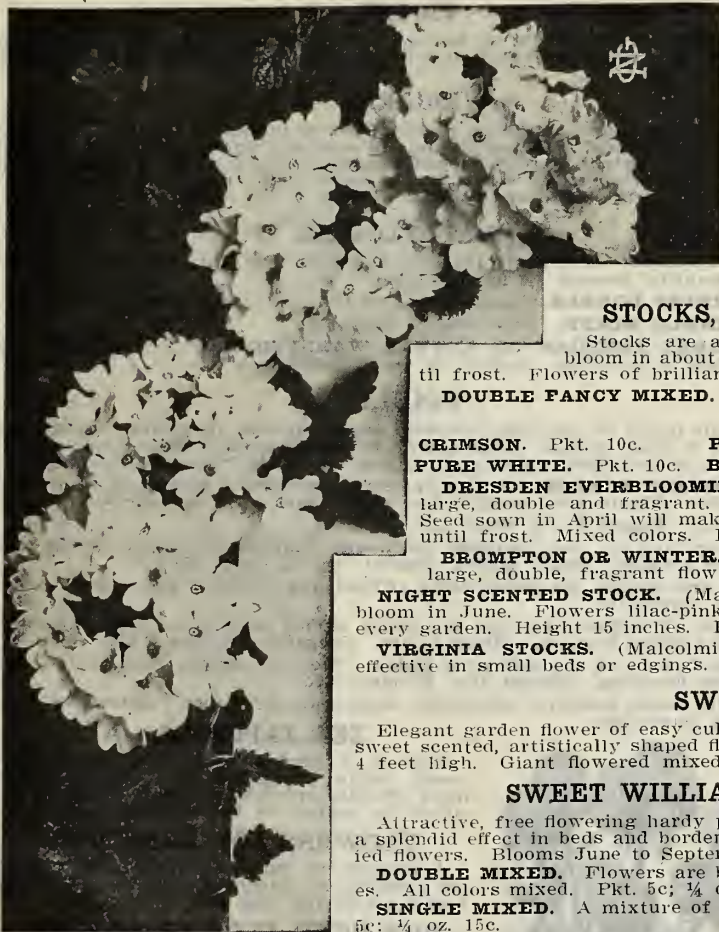
KOCHIA. Highly ornamental annual which forms regular pyramids from 2 to 3 feet in height, having a cypress-like appearance. The leaves are slender and of a light pea green until September, when they change to carmine blood red. The plant will grow in any soil. Pkt. 5c; ¼ oz. 15c.



Summer Cypress.



Salpiglossis.



Mammoth Verbena.

of bloom of various colors and are

SUNFLOWER.—HELIANTHUS. A.

Remarkable for the stately growth, size and brilliancy of their flowers, making a splendid effect among shrubbery and for screens.

CUT AND COME AGAIN. Miniature Sunflower. Plants form pyramidal bushes 2 to 3 feet high. Flowers single. Blooms till frost. Packet 5c; ½ oz. 15c; oz. 25c.

STAR FLOWERED. New, dwarf growth, covered with flowers. Pkt. 10c; ½ oz. 25c.

SILVER LEAF. Silver foliage; flowers yellow with black. Packet 5c; oz. 15c.

DOUBLE DWARF. Grows 4 feet high. Flowers double, very large. Packet 5c; oz. 20c.

VERBENA. P.

Many people prefer Verbenas to Phlox, Pansies or Asters for bedding purposes. Constant bloomer; brilliant flowers. Start seed in Feb. or March, transplant in May or June.

NEW MAMMOTH. Produces unusually large flower trusses of the most beautiful colors. Individual flowers are larger than a silver quarter. Unsurpassed for profusion of bloom. Fancy mixed. Packet 10c; ¼ ounce 35c.

MIXED HYBRIDS. Many sorts and colors. Extra fine mixture. Pkt. 5c; ¼ ounce 25c.

LEMON SCENTED. Fragrant plants. Leaves when dried retain their fragrance for years. Seed scarce. Pkt. 10c.

BURBANK'S MAYFLOWER. Has the characteristics of the finest Verbenas, and the delicate color and fragrance of the Arbutus. Pink and white flowers. Pkt. 10c.

MOSS VERBENA. Produces a mass of moss-like foliage, above which are heads of purple-blue flowers. Blooms from June till frost. Pkt. 5c; ¼ oz. 15c.

MOSS VERBENA, WHITE. Same as above, but flowers are pure white. Packet 5c; ¼ oz. 15c.

VENOSA. (Hardy Garden Verbena.) 1 foot high, covered with purplish-heliotrope flowers from early summer till late fall. Packet 5c; ¼ ounce 15c.

VINCA. P.

MADAGASCAR PERIWINKLE. Ornamental free flowering plants of easy culture. They bloom from seed the first season, continuing until frost. Fine for bedding and may be potted in fall for winter blooming. Flowers single, pink and white. A fine cut flower. Height 12 to 15 inches. Pkt. 5c; ¼ ounce 25c.



Sunflower.

SCHIZANTHUS. A.

Butterfly Flower or Poor Man's Orchid. Will bear great masses of pretty flowers and is suitable for winter blooming in pots. The gay, butterfly-like blossoms are beautifully marked and spotted, resembling some species of fine Orchids. Fine cut flowers. Mixed. Pkt. 5c; ¼ oz. 15c.

STATICE SINUATA. A.

Flowers blue. In bloom from July to October. Fine for bouquets. Pkt. 5c; ½ oz. 15c.

STOKESIA CYANEA. P.

CORNFLOWER ASTER. Rare and hardy perennial, 2 feet high, bearing from 20 to 30 lavender blue flowers, from July till frost. Packet 10c.

STOCKS, GERMAN DWARF TEN WEEKS. A.

Stocks are among the finest annuals. The plants commence to bloom in about ten weeks from time of germination and continue until frost. Flowers of brilliant color and fragrant. Fine plant for pot culture.

DOUBLE FANCY MIXED. Assortment, large flowering sorts, all colors. Pkt. 5c.

SEPARATE COLORS.

CRIMSON. Pkt. 10c. **PURPLE.** Pkt. 10c. **YELLOW.** Pkt. 10c.

PURE WHITE. Pkt. 10c. **BLUE.** Pkt. 10c. **ANY 3 PACKETS, 25c.**

DRESDEN EVERBLOOMING. Cut and Come Again Stock. Flowers are very large, double and fragrant. Plant grows 24 inches high and branches freely. Seed sown in April will make blooming plants by July, which continue in flower until frost. Mixed colors. Packet 10c.

BROMPTON OR WINTER. A new flowering variety, producing long spikes of large, double, fragrant flowers. Packet 10c.

NIGHT SCENTED STOCK. (Mathiola.) A charming hardy annual which begins to bloom in June. Flowers lilac-pink, very sweet scented after sundown. Should be in every garden. Height 15 inches. Packet 5c; ¼ ounce 20c.

VIRGINIA STOCKS. (Malcolmia.) Pretty dwarf free flowering plants, extremely effective in small beds or edgings. Bright colored flowers. Pkt. 5c; ½ oz. 10c.

SWEET SULTAN. A.

Elegant garden flower of easy culture and fine for cut flower purposes. The beautiful sweet scented, artistically shaped flowers are borne on long, strong stems. Plant grows 4 feet high. Giant flowered mixed. Packet 5c; ½ ounce 15c.

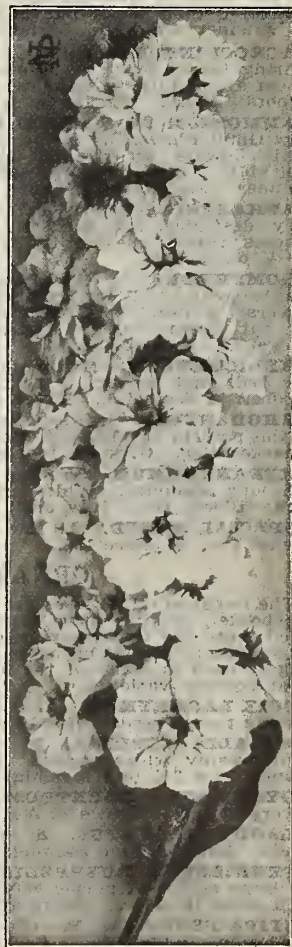
SWEET WILLIAM. P.

Attractive, free flowering hardy perennials, producing a splendid effect in beds and borders with rich and varied flowers. Blooms June to September. 1½ feet high.

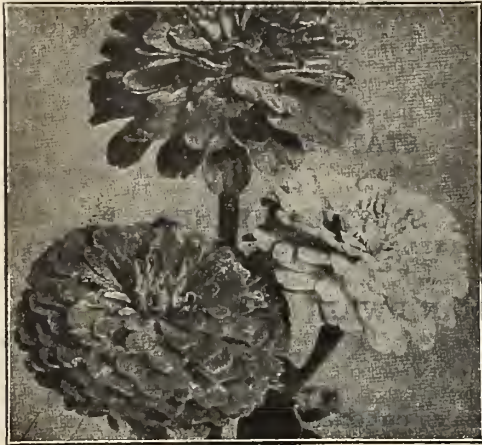
DOUBLE MIXED. Flowers are borne on large trusses. All colors mixed. Pkt. 5c; ¼ oz. 20c.

SINGLE MIXED. A mixture of single varieties. Pkt. 5c; ¼ oz. 15c.

NEW ANNUAL. This new type commences blooming in early summer from spring-sown seed and continues in bloom several weeks. The plants produce fine heads fragrant. Mixed colors. Packet 10c.



German Stocks.



New Giant Flowered Zinnia.

VIOLET. P.

SWEET VIOLET. Well known, old fashioned hardy garden violets; prized for their fragrance and pretty blue and white flowers. Mixed. Packet 10c.

VISCARIA. A.

Very free blooming plants, closely allied to the Lychnis; they form compact plants about a foot high, and are covered from early summer till fall with their bright flowers, shaped somewhat like a single Pink, borne on long, slender stems; it is best to sow them where they are to bloom, thinning out to prevent over-crowding. Packet 5c; ¼ ounce 15c.

WALLFLOWER. P.

Well known, deliciously fragrant half-hardy perennial with large spikes of beautiful flowers. A fine pot plant.

FINEST DOUBLE. Large spikes of brilliant colored flowers. Pkt. 10c.

SINGLE MIXED. Nice colors. Packet 5c.

EARLY PARISIAN OR ANNUAL WALLFLOWER. Beautiful flowers of light brown color. Height 1½ feet. Packet 5c.

ZINNIA. A.

This is one of the most charming garden flowers, deserving a prominent place in every garden. Plant forms handsome bushes which produce hundreds of nice double flowers all summer and fall. Succeeds everywhere.

DOUBLE POMPON. A very fine strain containing many rich colors and shades. Plants grow about 2 feet high. Packet 5c; ½ ounce 15c.

TALL DOUBLE. Tall varieties in splendid mixture. Packet 5c; ½ ounce 15c.

NEW GIANT FLOWERED. Plants grow 3 feet high and are very profuse bloomers. Flowers extremely double and very brilliant in color; in size they surpass all other Zinnias. Finest mixed. Packet 10c; ¼ ounce 25c.

CURLED AND CRESTED. The flowers are large and double; the petals being twisted and curved. The range of color is most varied. Very nice. Mixed. Packet 5c; ¼ ounce 15c.

DOUBLE LILIPUT OR FAIRY. Plants grow about 15 inches high, and are fairly loaded with tiny, short stemmed, very double flowers. An exceedingly pretty plant and profuse bloomer. Mixed colors. Packet 5c; ¼ ounce 15c.

MEXICAN HYBRIDS. These new hybrids produce flowers of the size of a Daisy. They are single, semi-double, and double, the colors are unique and pleasing. Very free flowering. Packet 10c; ¼ ounce 25c.

DOUBLE DAHLIA FLOWERED. A new class with large, beautiful dahlia-like flowers in all shades. Extremely pretty and in bloom throughout season. Packet 10c; ¼ ounce 25c.

EVERLASTINGS OR IMMORTELLES.

This class of annuals are of easy culture, producing their straw-like flowers abundantly all summer and fall. Suitable for bouquets.

ACROCLINEUM. Plant grows 15 inches high, bearing lovely white or rose-pink flowers. In bloom from July to October. Pretty in beds or pots. Mixed. Packet 5c; ¼ ounce 10c.

AMMOBIUM OR WINGED EVERLASTING. New Giant Flowered. Large, handsome double white flowers with yellow disk. Plants 2½ feet high. Grows in sandy soil and blooms all summer. Packet 5c; ¼ ounce 10c.

ATHANASIA. Grows 10 to 12 inches high, very desirable for borders. Golden yellow. Blooms from June until September. Packet 5c; ¼ ounce 10c.

GOMPHRENA or Globe Amaranth. Showy plants with brilliant colored, globe-shaped flowers. A first class bedding plant and fine for cut flower work. 1½ feet high. Mixed. Packet 5c; ¼ ounce 10c.

HELICHRYSUM. Mammoth Flowered. Pretty and effective flowers. For beds and borders. One of the showiest. Blooming season July to October. 2 feet high. Mixed colors. Packet 5c; ¼ ounce 15c.

RHODANTHE. Grows in any soil. Beautiful for the garden, or grown in the pots in the house. Flowers are white, rosy or crimson and show a darker disk. Grows 1 foot high. Mixed. Pkt. 5c; ¼ oz. 15c.

XERANTHEMUM. Profuse blooming hardy annuals. Flowers very double and long stemmed. White and deep purple. Plants grow 12 to 15 inches high. Bloom from July until September. Mixed. Packet 5c; ¼ ounce 15c.

SPECIAL MIXED. All the above sorts and many other varieties mixed. Packet 10c; ¼ ounce 15c.

ORNAMENTAL GRASSES.

The Ornamental Grasses are indispensable for the mixed flower bed and for the border, making these more attractive during the summer, while in the dried state the Ornamental Grasses are valuable for winter bouquets. For large beds or groups on lawns nothing gives a finer effect, and they are now largely used in many of the finest public parks, etc. The following are the most popular varieties.

COIX LACHRYMAE. A. (Job's Tears.) Broad, corn-like leaves and hard, shining pearly seeds. Plants grow 3 feet high. Packet 5c; ounce 15c.

EULALIA ZEBRINA. P. (Zebra Grass.) Leaves light green, crossed with creamy white stripes. Few variegated plants equal this in beauty. Plants grow 3½ to 4 feet high. Packet 5c.

GYNERIUM ARGENTEUM. P. (Pampas Grass.) Bears large, white, silvery plumes. Grows 10 feet high. Packet 5c.

LAGURUS OVATUS. A. (Hare's Tail Grass.) Produces small white heads. Excellent for bouquets. Packet 5c.

PENNISSETUM RUEPELIANUM. P. (Purple Fountain Grass.) Beautiful large spikes of purple color. The foliage is long and slender, and glossy deep green in color. Plants grow 3 feet high. Packet 10c.

STIPA PENNATA. P. (Feather Grass.) Beautiful, delicate white, feathery heads. 2 feet high. Packet 5c.

MIXED VARIETIES. Many different kinds. Packet 10c.



Gomphrena.

ZEA JAPONICA. A.

This is a four colored Japanese maize—green, white, pink and rose. It is exceedingly effective and graceful as a foliage plant, either for centers or backgrounds. Pkt. 5c.

FLOWERS FOR BOUQUETS.

A mixture of annuals which produce flowers suitable for bouquets and for decorating, nearly all having long stems. Pkt. 10c.

OUR WILD FLOWER GARDEN.

This mixture contains several hundred varieties of beautiful flowers, suitable to be planted together. They will form a mass of bright colored flowers and pretty foliage, which is sure to interest and please everybody. For borders, along fences and bare spots in the garden nothing more effective could be desired. Large pkt. 10c; ½ oz. 20c; oz. 35c.

POPULAR FLOWER SEED COLLECTION.

12 regular size packets for 25c postpaid. Asters, Calliopsis, Campanula, Dianthus, Escholtzia, Mignonette, Pansy, Petunia, Poppy, Sweet Peas, Verbenas, and Zinnia. Each pkt. containing mixed colors of the kinds mentioned above.



Pennisetum Ruppelianum.

SELECTED CLIMBING PLANTS.

ADLUMIA. P. Allegheny Vine. A graceful, hardy climber, with feathery, fern-like foliage and pretty tube-shaped, pink flowers. Pkt. 10c.

AMPELOPSIS. P. Boston Ivy. Will climb any wall without support. In fall the leaves turn a rich orange and red. Pkt. 5c; ½ oz. 15c.

BALLOON VINE. A. A rapid growing climber, succeeding best on light soil. Flowers white; seed pods look like small balloons. Packet 5c; ounce 15c.

BALSAM APPLE AND PEAR. A. Very curious, rapid and dense growing climbers, with ornamental foliage and pretty fruit, which opens when ripe, showing seed and blood-red inside. Grows 10 feet high. Apple and Pear mixed. Pkt. 5c; ½ oz. 15c.

BIGNONIA. P. Trumpet Vine. Grows very tall, bearing clusters of lovely trumpet-shaped flowers of orange. Packet 10c.

CANARY BIRD VINE. A. Graceful, rapid growing climber with pretty little canary-yellow flowers. 15 feet high. Pkt. 5c; ½ oz. 15c.

COBOEA SCANDENS. A. Beautiful climber, growing 20 to 30 feet in one season. Large, bell-shaped blue flowers. In sowing, place seeds edgewise and cover with light soil. Pkt. 5c; ¼ oz. 20c.

DOLICHOS. A. Hyacinth Bean. Very pretty, bean-like flowers in erect racemes, followed by ornamental seed pods. For covering arbors, trellises, etc. Grows 10 feet high. Mixed. Packet 5c; oz. 15c.

EVENING GLORY. A. Quick growing climber with violet-blue flowers. Fragrant, especially in the evening. Pkt. 5c; oz. 15c.

HUMULUS, JAPANESE HOP. A. VARIEGATED LEAVED. Rapid, dense growing climber, 12 to 20 feet high. The leaves are beautifully marbled and splashed with silvery white, light and dark green; very effective for screens, arbors, trellises, etc. Pkt. 5c; ½ oz. 15c.

JAPANESE KUDZU VINE. P. (Jack and the Bean Stalk Vine.) This plant will grow anywhere and will last for many years. Of wonderfully quick growth, climbing to a height of 50 feet. The large, bold leaves are of dark green color and make a dense shade. Packet 10c.

LATHYRUS. P. (Everlasting Pea or Hardy Sweet Pea.) Hardy perennial climber with white, pink and crimson pea-shaped flower clusters. Grows 6 feet high, flowering from July to September. Fine for cut flowers. Packet 5c; ½ ounce 15c.

MEXICAN MINA VINE. A. One of the most beautiful annual climbers, a very profuse and early bloomer. The leaves resemble oak leaves, and the flowers are borne in large clusters. Blood red, yellow throat. Grows 20 to 25 feet high. Pkt. 5c; ½ oz. 20c.

MOONFLOWER, MAMMOTH WHITE. A. The most rapid grower of all climbers. The vines are literally covered with thousands of large, pure white, fragrant flowers. Will grow 30 to 40 feet in a single season. Packet 10c.

MOONFLOWER, LILAC BLUE. A. In growth similar to Mammoth White. Produces lovely, large flowers of lilac-blue color. Packet 10c.

MOONFLOWER, PINK HYBRID. A. Of marvelous growth. Seeds germinate very quickly and plants begin to bloom about as soon as Morning Glories, producing thousands of blossoms all summer and fall. Color a most exquisite soft lilac-pink. Foliage is dense, luxuriant and of large size. Pkt. 10c.

NASTURTIUM. A. TALL OR CLIMBING. See page 87.

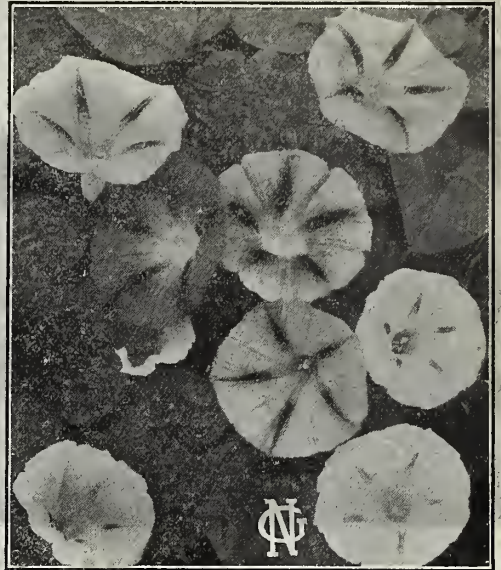
PASSION FLOWER. P. Tender perennial climber for the summer garden, for window boxes and pot culture. Flowers exceedingly beautiful, white and blue; very large and wax-like. Pkt. 10c.

SCARLET RUNNER BEAN. A. Well known and popular ornamental vine. Flowers dazzling scarlet and very showy. The pods are of excellent flavor. Large pkt. 10c; ½ pt. 20c.

SMILAX. P. Makes a fine pot plant for winter. Lovely foliage which is greatly prized for bouquets and decorating. Packet 5c; ½ ounce 20c.

SWEET PEAS. A. See page 90.

WILD CUCUMBER. A. Will grow 30 feet in one season. Bears pretty white, fragrant flowers, followed by an abundance of ornamental and prickly seed pods. Pkt. 5c; oz. 15c.



Mixed Morning Glory.

CYPRESS VINE. A.

For trellises the Cypress Vine cannot be excelled. It has a profusion of pretty star-shaped blossoms and its fine leaved, feathery foliage is well adapted to ornamental work. Will grow 12 to 20 feet high.

IVY LEAVED. Foliage very ornamental. Flowers fiery red. Pkt. 5c; ½ ounce 20c.

SCARLET. Flowers bright, glowing scarlet. Pkt. 5c; ½ oz. 15c; oz. 25c.

WHITE. Pretty blossoms of clear white color. Packet 5c; ½ ounce 15c; ounce 25c.

MIXED. Nice mixture of all kinds, including white. Pkt. 5c; ½ ounce 15c; ounce 25c.

MORNING GLORIES. A.

IPOMOEA.

Well known climbers with beautiful, showy flowers in endless variety of colors. For covering walls, trellises, arbors or stumps of trees they are invaluable. They will succeed under almost any circumstances.

GIANT FLOWERED MIKADO. A new giant type with enormous flowers, handsome colors, shapes and markings. Their colors run from snow white through all shades of blue and from palest pink to darkest reds and purples. They are streaked, mottled, striped, marbled, and bordered in wonderful fashion. Finest mixture. Packet 10c; ½ ounce 20c; ounce 30c.

IMPERIAL JAPANESE. This is a large flowering Japanese strain, with beautiful blossoms in the most varied colors and shades. The leaves are also handsome and of different shapes. Splendid mixture. Packet 5c; ounce 20c.

DOUBLE FLOWERED. Very free flowering; the blossoms being double and semi-double. Finest mixture. Pkt. 10c; ½ ounce 15c; ounce 25c.

MIXED. The old-fashioned Morning Glories in mixture. Pkt. 3c; oz. 10c.

ORNAMENTAL GOURDS. A.

Desirable, pretty climbers for many places where a large amount of vines are wanted quickly. The blossoms of some are striking and handsome.

DIPPER. Fruit makes excellent dippers. Packet 5c; ounce 20c.

HERCULES CLUB. Fruits green, 3 to 4 feet long. Pkt. 5c; oz. 15c.

LUFFA OR DISH CLOTH. Many ladies prefer a dish cloth made of this gourd to anything else. Packet 10c.

NEST EGG. Resembling in color, shape and size the eggs of hens. They make the best nest eggs. Packet 5c; ounce 20c.

ORANGE SHAPED. Known as mock orange. Packet 5c; ounce 15c.

POMEGRANATE OR POCKET MELON. Fruit is round, of bright yellow color, very fragrant. Packet 5c; oz. 25c.

SUGAR TROUGH. The fruits have thick shells, very light but durable. Holds 6 to 8 quarts each. Packet 5c; ounce 20c.

ORNAMENTAL MIXED. Many varieties mixed. Pkt. 5c; ½ oz. 15c; ounce 25c.



Humulus.



Ornamental Gourds.



FARM SEED DEPARTMENT.

Our farm seeds are grown from carefully selected stock for seed purposes, and every effort is made to keep them pure and free from weed seeds. All varieties which we offer have been well tried and found to be of superior merit. We have a new law in Nebraska compelling Seed Houses to sell seeds with purity and germination according to a schedule, which is part of the law. Any seed that is not up to the standard must be labeled as such. We will after this sell farm seeds including all grasses, clovers, alfalfa, corn, oats, etc., only NEBRASKA STANDARD, that is, seeds that will come up to the germination and purity required by our laws. In comparing our prices with those of other Seed Houses, please bear this in mind. Our laws are very strict and we will live up to them as nearly as possible for us to do so. At the prices quoted we furnish Burlap sacks free of charge, but would advise to have all heavier seeds shipped in new Grain Bags, for which we make an extra charge of 23c each. **Please notice that seeds cannot be packed together with trees and plants,** as the latter are packed in damp moss, whereas seeds must be kept dry. If your shipping point is a "prepay station" be sure to send a sufficient amount extra to cover freight charges. In all cases where this is not done, we ship to nearest point which is not a prepay station. We do not ship C. O. D. unless one-third the amount of order is sent us with order. Our prices per pound and three pounds are postpaid. Larger quantities are shipped at buyer's expense. AS THIS CATALOGUE GOES TO PRESS EARLY IN THE SEASON, OUR PRICES ARE SUBJECT TO CHANGE.

OATS.

READ'S GREEN MOUNTAIN. The largest grained and best all around White Oats in existence. Heads reach the length of 18 inches and grain weighs 35 to 42 lbs. to the bushel. It ripens early, is extremely hardy, rust proof and free from smut and disease. Resists drought and adapts itself readily to all soils and climates. The grains are the largest and purest white of any. Yields more than double of ordinary kinds under same conditions. Price, 3 lbs. 60c postpaid. By freight, not prepaid, bu. \$1.10; 5 bu. \$5.25; 10 bu. \$10.00, sacks included.

NEW KHEERSON. These oats were first introduced here by the University of Nebraska from Russia. This variety ripens two or three weeks earlier than other oats. Plant is of vigorous but rather dwarf growth, stiff in straw, hence will withstand strong winds and not lodge. Leaves are broad, heads large and full. Kernels light yellow color and contain an extra large berry. Our seed was grown from the original stock. Price, 3 lbs. 55c postpaid. By freight, not prepaid, bu. \$1.10; 5 bu. \$5.25; 10 bu. \$10.00, sacks included.

REGENERATED WHITE SWEDISH SELECT. These oats yield heavily, are free from rust, and withstand drought extremely well. The heads are large and branching, fairly loaded with big, plump, thin-hulled kernels of bright, pure white color. The straw is very stiff and noted for its power to withstand lodging. Price, 3 lbs. 60c postpaid. By freight, not prepaid, bu. \$1.10; 5 bu. \$5.25; 10 bu. \$10.00, sacks included.

BARLEY.

ODERBRUCKER. A stiff strawed, heavy yielding, six-rowed, bearded variety. It has a protein content of 15 per cent, or nearly double the amount found in other varieties. This makes it a valuable feeding barley. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 60c; bu. \$1.75; 5 bu. \$8.50, sacks included.

MANDSCHEURI. This is an extra early, six-rowed variety, with strong straw, bearing long, well filled heads of plump grain. It is a good variety to grow, either for feed or for the market; its malting qualities are unsurpassed. Price, 3 lbs. 60c postpaid. By freight, pk. 55c; bu. \$1.60; 5 bu. \$7.75, sacks included.

CHAMPION BEARDLESS. A fine beardless Barley that has been planted largely for many years. In type not so true as the Vermont Beardless. It is earlier than any bearded Barley, will yield more, and will not discolor as easily as other barley. In regard to soil it is not particular. A first-class barley for malting. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 60c; bu. \$1.75; 5 bu. \$8.50, sacks included.

WHITE HULLLESS. No beards or hulls. The grain looks like wheat. Equal to wheat in feeding value, and will yield nearly twice as much. Early, beardless, soft straw. Sow in spring. Price, 3 lbs. 70c postpaid. By freight, pk. \$1.00; bu. \$3.50; 5 bu. \$15.00.

Upland, Nebr., Jan. 17, 1912.

I have used your seeds for two years and have been well pleased with them. They done well both years, although it was very dry. Your seed even done better than the Government seed that was sent to me last year.

CORNELIUS T. HANSEN.



Green Mountain Oats.

SPELTZ OR EMMER.

The grain is considered as good as oats for stock and better than barley for hogs. It makes excellent pasture and good hay if cut at proper season. Produces from 50 to 100 bushels of seed per acre, and yields well in dry years when other small grains are a failure. It is claimed that it will make a crop where the annual rainfall is only 10 inches. Can be sown very early as plants are not injured by frost or snow. Drill, 2 bushel, or if sown broadcast, 3 bu. per acre. Price, 3 lbs. 50c postpaid. By freight, not prepaid, bu. (40 lbs.) \$1.40; 5 bu. \$6.75; 10 bu. \$12.50.

MACARONI WHEAT.

A wheat that will grow where others fail. A very heavy yielding variety, and does especially well in the semi-arid plains. It seems to be always a sure crop, and will mature in a shorter season than any other wheat. The grains are very hard and rather large. Sow seed early in the spring, about 1½ to 2 bushels per acre. In the southern part of Kansas and Oklahoma, and from there on South, it may be sown in fall, as winter grain. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 50c; bu. \$2.00; 5 bu. \$9.25; 10 bu. \$19.00, sacks included.

WINTER WHEAT.

We can supply the Turkish Red, Bearded Fife and Harvest King, best seed, write for prices in August.

FLAX SEED.

Flax is one of the most profitable crops, especially on new land. It makes a quick crop, being sown in April and harvested in June. The seed is always marketable at a good price. We offer good clean seed. Sow ½ bushel per acre. Price, 3 lbs. 60c postpaid. Crop very short, write for prices.

MAMMOTH WHITE WINTER RYE.

Winter Rye is a sure crop—failures being almost unknown. It is usually sown in the fall, and as it grows very vigorous, will furnish pasture until late in the fall, and also early in the spring it makes abundant pasture, but then makes no crop. 3 lbs. 60c postpaid. By freight, not prepaid, pk. 50c; bu. \$1.50; 2 bu. \$2.85, bags included.

SPRING RYE.

Invaluable as a catch crop. Can be sown later than any other spring rye, but usually yields well. The seed we offer is home grown. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 50c; bu. \$1.60; 2 bu. \$3.00, bags included.

RUSSIAN SUNFLOWER.

The Largest Sunflower. One of the best paying crops to raise. Seeds are the best of feed for poultry, and much cheaper to raise than corn. 3 to 4 lbs. per acre. Price, lb. 25c; 3 lbs. 70c postpaid. By freight, not prepaid, 10 lbs. \$1.00; 25 lbs. \$2.25.

BUCKWHEAT.

JAPANESE. An early and very prolific variety, with kernels about double the size of ordinary sorts. The best for the western states, as it withstands drought well. 3 pks. per acre. Price 3 lbs. 50c postpaid. By freight, not prepaid, pk. 50c; bu. \$1.80; 2 bu. \$3.40, sacks included.

SILVER HULL. Well known standard variety. Sow one bushel per acre. Price, 3 lbs. 50c postpaid. By freight, not prepaid, peck 50c; bushel \$1.90; 2 bushel \$3.50, sacks included.

COW PEAS.

Largely grown in Southern States, as a hay crop and fertilizer, in which respect they are of great value. May be sown in corn at time of last cultivation or after a crop of early potatoes. Sow broadcast at the rate of 1½ bushels per acre, or they can be planted in rows about 3 feet apart with a corn planter. This will require only ½ bushel per acre. Prices subject to change.

NEW ERA. The earliest variety and the best sort for the North and West. Price, 3 lbs. 65c postpaid. By freight, not prepaid, pk. 85c; bu. (60 lbs.) \$3.00; 2 bushel \$5.75, sacks included.

WHIP-POOR-WILL. A favorite in Oklahoma, Texas and the South. Price, 3 lbs. 65c postpaid. By freight, peck 85c; bushel \$2.75; 2 bushel \$5.25, sacks included.

YELLOW LUPINS.

One of the best known plants for reclaiming poor soil, particularly sandy and old worn out land. By plowing a crop of Lupins such land can be made very valuable. The plants in the green state or when dried, make very good fodder for sheep. The seed when burned is excellent as a fertilizer for orange and olive trees. Sow in the spring when the ground has become warm, at the rate of 75 to 100 lbs. per acre. Price, lb. 25c; 3 lbs. 65c postpaid. By freight, not prepaid, 10 lbs. \$1.15; 100 lbs. \$8.50.

SORGHUM OR SUGAR CANE.

Dairy farmers say that Sugar Cane is the most valuable fodder plant in existence for their use. Can be grown anywhere on any soil that will grow corn. It is of the best quality, being sweet, tender, nutritious and greedily eaten by horses, cattle and hogs. It is claimed that as high as ten tons of green fodder have been grown per acre. Sow 100 pounds per acre for best results. It is a profitable crop, also to grow for seed. When grown for seed sow in drills three feet apart, using 4 to 5 pounds of seed per acre. Prices subject to change.

EARLY AMBER. Popular and well known. Succeeds well from Texas to Minnesota. Price, 3 lbs. 50c postpaid. Not prepaid, 10 lbs. 35c; bu. (50 lbs.) \$1.50; 2 bu. \$2.90, sacks included.

EARLY ORANGE. Ten to fifteen days later than the Early Amber. Well adapted to the South and West. Prices same as above. Write for prices on larger quantities.

WHITE KAFFIR CORN.

An excellent fodder plant, yielding two crops of fodder during the season. The stalks have green and juicy, making excellent fodder, either green or dried, which is highly relished by stock. The seed crop is heavy. Sow in rows 3 feet apart, 4 to 5 lbs. per acre. For fodder sow ½ to 1 bu. either broadcast or in drills. Price, 3 lbs. 50c postpaid. By freight, pk. 40c; bu. (50 lbs.) \$1.35; 2 bu. \$2.60, sacks included. Prices subject to change.

RED KAFFIR CORN.

Similar to the White, except the seed is of red color. Ripens a little earlier and is said to withstand drought even better than the white. Price, by mail postpaid, 3 lbs. 50c. By freight, not prepaid, pk. 40c; bu. (50 lbs.) \$1.40; 2 bu. \$2.70, sacks included. Price subject to change.

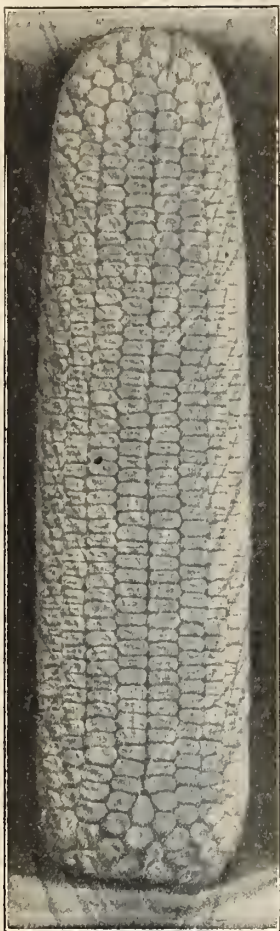


Speltz.



Beardless Barley.
(Page 94.)

SELECTED SEED CORN.



Reid's Yellow Dent.

The greatest care is used in selecting and harvesting our seed corn. Every ear is examined, and if found true to type of that variety, it is then tipped and butted; afterwards shelled and run over our large corn grader and cleaning mill and not only fanned but also graded. Seed corn prepared in this manner is well worth the price we ask for it.

REID'S YELLOW DENT. This corn is light golden in color. The ears are 9 to 11 inches long, 18 to 20 rows of kernels. The ears are cylindrical from butt to tip. The cob is completely covered with solid corn, shelling 88 per cent grain, and often better. The kernels are moderately rough, rather narrow, medium in thickness, wedge shape, setting very close together, with no lost space between the rows. The plant is a vigorous grower, heavy below the ear, and does not blow down easily. It has an abundance of foliage. Ripens in 110 days. Splendid sort for Nebraska and Kansas and the western states in general, but not recommended for the North. It yielded 62 bushels per acre on our own farm the past season. Price, 3 lbs. 60c postpaid. By freight, not prepaid, peck 70c; bu. \$2.50; 5 bu. \$12.00, sacks included.

IOWA GOLD MINE. Very popular early yellow dent corn, ripening a few days later than Pride of the North. Ears are not large but of good size and symmetrical; color a bright golden yellow; grain is very deep, cob small. Seventy lbs. of ear corn makes 62 to 63 lbs. of shelled corn. It yields heavily and will mature in 95 days. Price, 3 lbs. 60c postpaid. By freight, not prepaid, peck 65c; bu. \$2.35; 5 bu. \$11.00, sacks included.

NEBRASKA YELLOW DENT. The best and heaviest yielding yellow corn for Nebraska and the Western States. Ears are large, uniform in size, and well filled; kernels of good size and golden yellow color. Cobs are small. Stalks are medium size, strong and well rooted, producing two good, well shaped ears each. It is a strong grower and will produce a larger yield on poor land than any other variety. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 70c; bu. \$2.40; 5 bu. \$11.50, sacks included.

IMPROVED CALICO. This old fashioned striped Calico corn has always been popular as a feeding corn. Very deep grained and heavy. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 70c; bu. \$2.50; 5 bu. \$11.50.

IOWA SILVER MINE. An early variety of White Dent Corn, which is remarkable for its large yields. It is the largest eared White Dent Corn, ripening in 90 to 95 days. The ears are very uniform in size and shape, with 16 to 20 rows of pure white kernels set on a small white cob, and are well filled out over the tip. The cob dries out rapidly. Seventy pounds of corn in the ear will make 62 pounds shelled. It is hardy, a great drought resister, and a corn which will give satisfaction wherever planted. Price, 3 lbs. 60c postpaid. By freight, not prepaid, peck 65c; bu. \$2.50; 5 bu. \$11.50, sacks included.

EARLY MURDOCK. This fine Yellow Dent Corn, on account of its extreme earliness is well adapted to Minnesota and the Dakotas. Ears are well filled to the tips, 16 to 20 rows, very large for so early a corn. Stalks are of medium height, stout and stocky. As early as the well known Pride of the North, with much larger ears and a heavier yielder. The best extra early Yellow Dent Corn for all sections. Price, 3 lbs. 60c postpaid. By freight, not prepaid, peck 65c; bu. \$2.50; 5 bu. \$12.00.

CHAMPION WHITE PEARL. The stalk is short and thick. The ear grows low on the stalk, is from 7 to 10 inches in length, almost averaging 16 rows of grains. The grains are pure white, very deep, compact and heavy. The cob is small. By a test, 70 ears weighed 87½ pounds, of which the cobs alone weighed only 7 pounds. On account of its short, thick stalk it will withstand heavy winds, and this variety is also a great drought resister. It matures in 95 to 100 days. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 65c; bu. \$2.40; 5 bu. \$11.50, sacks included.

EARLY YELLOW FLINT. An eight-rowed flint variety with ears 10 to 15 inches long, 1½ to 2½ inches in diameter, and are well filled out to the extreme end of the cob. The cob is small and the kernel large and broad, ripens in 75 to 85 days. This corn is adapted to the Northwest. Excellent for ensilage. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 70c; bu. \$2.60; 2 bu. \$5.00.

SANFORD WHITE FLINT. The most productive White Flint Corn, yielding a large crop of corn and fodder at the same time. The ears are very long, measuring from 12 to 15 inches and are of a very handsome appearance, with large kernels of transparent white color. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 70c; bu. \$2.60; 2 bu. \$5.00.

GIANT CUZCO CORN. A curious and wonderful corn from Peru, a single kernel of which is four to six times as large as a seed of our field corn varieties. If you wish to show the tallest stalk of corn at your fair next year, be sure to plant a package of this great corn. Seed should be started in pots in the house and later transplanted to the garden. Pkt. 10c; 3 packets for 25c. Sold only in packets.

SWEET FODDER CORN. This is of greater value for dairy farmers than common fodder corn on account of its high feeding and milk production quality. It has the further merit of being so sweet and palatable that cattle eat every part of the stalk and leaves. As a green fodder for cutting in the summer, one acre is worth eight acres of ordinary pasture. Of high value also for hogs, and an excellent plant to plow under for soiling. Sow in drills or broadcast 2 bushels per acre. Price, by freight, not prepaid, pk. 90c; bu. \$3.40; 2 bu. \$6.25.

SHALLU OR EGYPTIAN CORN.

(Sorghum Vulgare.) A well known cereal, it produces a large quantity of seed, of which fowls and animals are fond. Can also be sown broadcast for soiling, or in drills for fodder and seed. If sown in drills, one peck of seed per acre is ample. If sown broadcast one bushel per acre. For grain, the stalks should not be nearer than 10 inches in the drill, but if to be cut repeatedly for soiling, it is better to sow quite thickly in the hills. Seed should not be sown too early, and covered from one-half to one inch. If too much rain in the spring the seed will not come up well; they require more heat than the other sorghums. Price, lb. 25c; 3 lbs. 70c postpaid. By freight, not prepaid, pk. \$1.10; bu. \$4.00.



Iowa Silver Mine.

BROOM CORN.

Broom Corn is one of the most paying crops and is adapted to any soil that will grow corn. It will make a crop with very little rain. One acre will yield 1 to 1 1/4 ton of cured brush and up to 40 bushels of seed, which is nearly equal to oats in feeding value. Plant in drills 3 1/2 feet apart, and in rows about 3 inches apart; and cultivate the same as corn. About 5 to 8 lbs. of seed will sow an acre. If planted the first of June, the crop will be ready to cut September 15th. Prices subject to change.

IMPROVED EVERGREEN. This variety grows about 8 to 10 feet high, stands up well, and is entirely free from crooked brush. Price, 3 lbs. 75c postpaid. By freight, 10 lbs. 75c; 25 lbs. \$1.50; 100 lbs. \$4.00, sacks included.

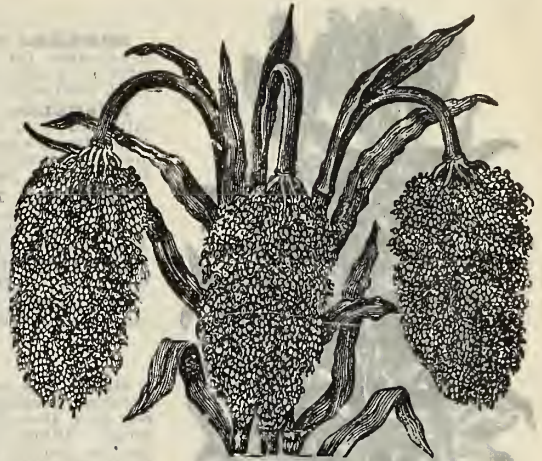
OKLAHOMA DWARF. Most valuable strain grown in Oklahoma and in the Southwest. Very early and is a drought resister. Averages five feet in height. Is a great yielder. Price, 3 lbs. 75c postpaid. By freight, not prepaid, 10 lbs. 85c; 25 lbs. \$1.65; 100 lbs. \$4.50, sacks included.

JERUSALEM CORN.

A non-saccharine sorghum, especially adapted for cultivation in dry sections. It is a sure cropper, yielding an immense crop of flat, white, soft grain, similar to white Kaffir Corn, and very valuable as a feed for stock and poultry of all kinds. The plant grows about 3 feet high, making a single large head of the main stalk and numerous small heads on the side shoots. Four to five lbs. of seed in drills is required to plant an acre, or if sown broadcast 3/4 to 1 bushel per acre. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 90c; bu. (50 lbs.) \$3.25.

YELLOW MILO MAIZE OR BRANCHING SORGHUM.

Highly valued because of its certainty to produce good crops on poor, dry soil. Grows 9 to 10 feet tall and branches freely. The seed heads produce a large quantity of grain, which is superior food for fowls. Plant in drills, 3 to 4 feet apart, using 5 to 6 lbs. per acre. Price, 3 lbs. 60c postpaid. By freight, pk. 50c; bu. (50 lbs.) \$1.60; 2 bu. \$3.00, sacks included. Price subject to change.



Yellow Milo Maize.

DWARF ESSEX RAPE.

The easiest cultivated and most profitable plant for sheep, hog or cattle feed known. It can be sown in early spring along with oats or rye, and eaten off by sheep within a week or so after harvest. It can also be sown on wheat, oat or rye stubble, or on any vacant land up to the end of July, and will yield an immense crop of green fodder in six to eight weeks from time of sowing—nothing like it for sheep feed. Rape should be sown in drills at the rate of 3 lbs. per acre, or broadcast, using 5 to 6 lbs. per acre. Price for true Dwarf Essex Rape, first quality seed, 3 lbs. 70c postpaid. By freight, not prepaid, 5 lbs. 60c; 10 lbs. \$1.00; 25 lbs. \$2.25; 100 lbs. \$8.50. Good grain bags 23c each.

TEOSINTE.

Teosinte is a valuable forage plant, resembling field corn very much in its habit of growth, but throwing out side shoots or suckers in much greater profusion. It is very rich in saccharine, and furnishes a more desirable fodder than ordinary field corn. It is greedily eaten by all kinds of stock, either in the green state, or when cured as hay. It can be cut two to five times in one season. Should not be planted until the ground is warm. Plant in drills 3 feet apart, dropping three to four seeds every 12 inches. Three to four pounds of seed will plant an acre. Cultivate the same as field corn. Ounce 15c; 1/4 pound 45c; pound \$1.40; 3 pounds \$4.00 postpaid.



Phacelia. Page 98.

AUSTRALIAN SALT BUSH.

A most valuable plant for regions subject to drought and for growing on alkali soils. When once established it will make satisfactory pasture or hay crop in the driest weather and on soil so strongly alkaline that nothing else will grow. The plant is of a low spreading growth, sending out runners 3 to 9 feet long in all directions and covering the ground with a thick, dense mat of foliage a foot in depth. The seed requires moisture to start it into growth and should be planted early in the spring on well pulverized soil. Price, oz. 15c; 1/4 lb. 40c; lb. \$1.40; 3 lbs. \$3.75 by mail postpaid.

GIANT SPURRY.

This is a very valuable annual forage crop for sandy soil or worn out land, where almost no other crop will grow. Is a splendid catch crop in short seasons and makes excellent pasture for sheep and milch cows. As a fertilizer to plow under it has few equals. Sow 10 to 12 pounds per acre, broadcast, and harrow it lightly. Price, lb. 25c; 3 lbs. 70c postpaid. By freight, 10 lbs. \$1.25; bu. (50 lbs.) \$4.75.

SAND VETCH OR WINTER VETCH.

The true Winter Vetch or Hairy Vetch. A forage plant which has proved of highest value. It succeeds and produces good crops on poor sandy soils, and grows to a height of 4 to 5 feet. It is exceedingly nutritious, is eaten with relish, and may be fed with safety to all kinds of stock. Is the earliest crop for cutting, and a full crop may be taken off the land in time for the spring crops. It serves equally well as a cover crop, for pasturage, hay, or as a soil renovator. In the far North sow in the early spring; in moderate climates sow from July to November, broadcast or in drills, at the rate of 1 bushel per acre, with 1/2 to 1 bushel of rye, wheat, oats, or barley. Cut when the vetches are in full bloom. Price, lb. 30c; 3 lbs. 80c postpaid. By freight, not prepaid, pk. \$2.25; bu. (60 lbs.) \$8.25, sacks included.

SERADELLA OR CULTIVATED BIRDSFOOT.

For light, poor or sandy soils Seradella is one of the best fodder plants. It is sown at the rate of 10 to 15 lbs. per acre, and can be sown either by itself, or in winter wheat or rye, in early spring, growing rapidly after the grain has been cut. Desirable as a catch crop. Not perennial, but can be cut twice and give good pasture. Price, lb. 25c; 3 lbs. 70c postpaid. By freight, not prepaid, 15 lbs. \$1.75; 25 lbs. \$3.00; 100 lbs. \$10.00, sacks included.

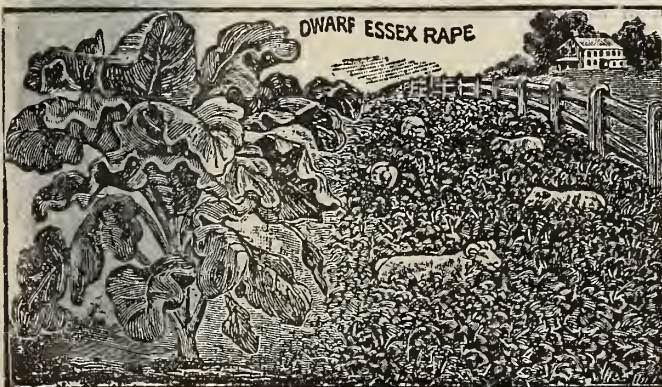
WILD RICE.

A valuable plant in lakes and marshes to attract wild fowl. The seed should be sown during September and October or in early spring. Sow broadcast in water 6 in. to 6 ft. deep with mud bottom. Sink seed in bags in water over night to soak it thoroughly so it will sink to the bottom at once. Per lb. 35c postpaid. Not prepaid, 10 lbs. for \$2.25.

FIELD PEAS.

Valuable for fattening stock. Can also be grown to best advantage for soiling purposes. Great nutritive value for fodder, either when the matured peas are fed as ground feed or when the vines are cured for hay. Can be sown alone or with oats; if sown alone 2 bu. per acre, with oats 1 bu. of peas and 1 1/2 bu. of oats.

CANADA YELLOW OR GOLDEN VINE. Ripens early and is a good yielder. Price, 3 lbs. 60c postpaid. By freight, pk. 90c; bu. \$3.50; 2 bu. \$6.75, sacks included.



BEST PLANTS FOR BEE PASTURE.

BOKHARA OR BEE CLOVER. (*Melilotus Alba.*) Will grow on any soil and is invaluable for bee food. It is greatly relished by bees, and makes superior honey. Also of great value as a fertilizing crop. Sow 10 lbs. per acre. Price, lb. 40c; 3 lbs. \$1.10 postpaid. By freight or express, 10 lbs. \$2.50, not prepaid.

PHACELIA. (Tansy-leaved.) Best of all bee foods. Is much liked because of the mild honey it furnishes. Plants grow about 3 feet high and bloom very quickly. For this reason can be had in bloom through the entire season if sown 4 times during summer. Requires 4 lbs. of seed per acre. Seed is small and should be covered but little. Price, ounce 10c; $\frac{1}{4}$ pound 25c; lb. 80c postpaid.

SIBERIAN DRAGONHEAD. This is one of the honey plants best liked by bees. The plants bloom from June till August, grow about 18 inches high and are very ornamental besides being useful. Sow the seed thinly where the plants are to remain in April. In bloom from July until September. Price, oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 70c postpaid.

BOEAGE. Excellent bee plant of quick growth and easiest culture. Price, oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00 postpaid.

CERINTHE OR WAX PLANT. Beautiful and easily grown annual flowers, furnishing excellent bee pasture. Price, oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50 postpaid.

MILLET.

Millet is a paying crop for the stock raiser and dairy farmer, because it is of the greatest feeding value and milk producing quality. It will yield much more good hay per acre than timothy and clover. Of the greatest value for late sowing as a "catch crop." When spring is so unfavorable and wet that other crops fail to grow, Millet can be put in as late as June 15th, and can be depended upon to make a good crop. PRICES ARE SUBJECT TO MARKET CHANGES.

GERMAN OR GOLDEN MILLET. Matures about two weeks later than common millet. It grows from 4 to 5 feet high, yielding an abundance of leaves; heads closely condensed; spikes very numerous; seeds round, golden yellow, in rough sheaths. Sow 1 bushel per acre, or for seed $\frac{1}{2}$ bushel. Price, 3 lbs. 45c postpaid. By freight, not prepaid, bu. (50 lbs.) \$1.25; 5 bu. \$6.00. Grain bags 23c extra.

NEW SIBERIAN. Is earlier than all other kinds and wonderfully productive. Makes fine hay and rust proof. Has become very popular in the West, as it withstands drought well and is extremely hardy. Will yield 50 to 75 bushels of seed per acre. Price, 3 lbs. 50c postpaid. By freight, not prepaid, bushel, (50 lbs.) \$1.40; 5 bushel \$6.85. Grain bags 23c each extra.



White Kaffir Corn. (Page 95.)

Seed is of reddish color. Sow 2 to 3 pecks per acre. Price, 3 lbs. 50c postpaid. By freight, not prepaid, bushel, (50 lbs.) \$1.40; 5 bushel \$6.85. Grain bags 23c each extra.

JAPANESE MILLET. A distinctly new variety, which has been called the "Billion Dollar Grass." Especially valuable for the Northern states. It yields an enormous crop of foliage, which is greatly relished by stock. When cured it makes an excellent hay. Can be sown until the end of July. In Kansas and our Western states in general this millet has given splendid results. Sow the seed broadcast at the rate of 15 lbs. per acre, or in drills 12 to 18 inches apart, using 12 to 15 lbs. per acre. Price, 3 lbs. 55c postpaid. By freight, not prepaid, 15 lbs. \$1.00; bushel (50 lbs.) \$2.75; 100 lbs. \$5.00. Grain bags 23c each extra.

PEARL MILLET. Entirely different from ordinary millet. An immense fodder yielder of tall growth, highly recommended by the U. S. Department of Agriculture. Price, lb. 25c; 3 lbs. 70c postpaid. By freight, 10 lbs. (for one acre) \$1.60; 25 lbs. \$2.25; 100 lbs. \$8.00.

Millet seed should be shipped in strong grain bags to insure safe transit. We make an extra charge of 23c each for new grain bags.

PENCILARIA.

A fodder plant of great value to all stock raisers. It is said to produce the largest crops of all known fodder plants. Plant after the ground has become warm. Sow broadcast 10 to 12 lbs. per acre. Price, 3 lbs. 75c postpaid. Not prepaid, 10 lbs. \$1.25; 25 lbs. \$2.60; 100 lbs. \$9.15.

SPECIAL CLOVER GRASS MIXTURES.

FOR PERMANENT PASTURES AND MEADOWS.

By sowing these Grass Mixtures a much larger yield per acre can be obtained than if only one or two varieties are sown. A pasture containing a variety of grasses and clover is again as productive and can be pastured earlier and longer than if but one kind of grass or clover is used. We have carefully studied this subject and our mixtures are prepared to suit the requirements of the different soils and the purposes for which they are to be used. Write us, giving full particulars as to soils, etc. In making up these grass mixtures we use our Nebraska Standard grade seed only and our prices rule accordingly. Please bear this in mind when comparing prices.

Mixtures for Permanent Pastures.

20 lbs. per acre, or 10 lbs. for top seeding.

- No. 1. For medium soils.
- No. 2. For high sandy and dry soils.
- No. 3. For high, dry land, heavy or clay.
- No. 4. For low, wet ground.

Price, 20 lbs. \$3.75; 50 lbs. \$8.00; 100 lbs. \$15.

Mixture for Sheep Pasture.

For permanent pasture on high, dry soils. 25 lbs. per acre, or 15 lbs. for top seeding.

Price, 25 lbs. \$5.00; 50 lbs. \$9.00; 100 lbs. \$16.

SMALL QUANTITIES BY MAIL. For trial we send any of the above mixtures, 3 lbs. for \$1.00 postpaid.

Mixtures for Permanent Meadows.

20 lbs. per acre, or 10 lbs. for top seeding.

- No. 5. For medium soils.
- No. 6. For high, light and dry soils.
- No. 7. For high, dry land, heavy or clay.
- No. 8. For moist rich soil, or land subject to overflow.

Price, 20 lbs. \$3.25; 50 lbs. \$7.50; 100 lbs. \$14.

Mixture for Wood Pasture.

For shady woodland. 20 to 25 lbs. per acre.

Price, 20 lbs. \$4.25; 50 lbs. \$10; 100 lbs. \$18.

LAWN GRASS SEED.

This is a mixture of the best varieties of grass seeds suited for growing together, and make a beautiful, soft, velvety lawn and keep green from early spring all through the hot dry summer weather, until late in the fall. It comes up quickly, and after once up it soon spreads to cover the ground and is ready for the lawn mower in six to eight weeks. It is permanent, maintaining its beauty for many years. This mixture is made by ourselves from new crop, re-cleaned pure seeds of the best varieties. One quart will cover about 300 square feet. Price, qt. 40c; 4 qts. \$1.40 postpaid. By freight or express, not prepaid, bu. (15 lbs.) \$5.00; 50 lbs. \$15.00, sacks included.

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Limon, Colo., September 9, 1912.

I purchased both garden and grain seeds from your house early last spring for both myself and another party and your seeds have all been very satisfactory to both parties. Your Nebraska Yellow Dent Corn has surely furnished enough forage to satisfy anyone, and some fine grain, although mine was planted later than I wished. But I am well satisfied with your seeds and the satisfactory way in which they were shipped, and will give you other orders in the future.

CHAS. E. BENNETT.

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TRY OUR NEBRASKA STANDARD GRADE OF FIELD SEEDS. THERE IS NONE BETTER.

German Millet.



CLOVER AND GRASS SEEDS.

OUR PRICES on Clover and Grass Seeds are based on the market values prevailing at the time this catalogue goes to press. We reserve the right to fill orders according to price based on the market changes when your order reaches us. We guarantee to give full value for money received and will hold to our catalogue prices as long as our supply of seeds will last. For new grain bags to ship clover seed in we make an extra charge of 23c for each bag. Sample packets mailed on application. All seeds put out under name of NEBRASKA STANDARD are absolutely the best and finest obtainable and will pass under our new state law.

ALFALFA OR LUCERNE. The most valuable forage plant. It requires a deep, mellow soil. In the driest weather, when every blade of grass withers, Alfalfa is as fresh and green as in the spring, as its roots go down from ten to twenty feet to the moisture of the ground. Although a prodigious yielder it will not exhaust the soil. The seed may be sown early in the spring, as soon as the frost is out of the ground in order to catch the spring rains, as it needs moisture to germinate. We advise sowing the seed broadcast early in spring, at the rate of from 15 to 25 lbs. to the acre. Sow with a hand seeder, going over the field crossways and using half the quantity of seed each way. May also be sown in the fall. The seed bed should always be well prepared and the ground well pulverized. Our seed is of the best quality and free from adulteration. We furnish Nebraska upland grown seed, which should not be confounded with seed grown under irrigation as the latter is practically worthless unless it be grown under irrigation again. The dry regions of our state produce by far the best seed in the United States.

Price, NEBRASKA STANDARD GRADE ALFALFA, per lb. 35c; 3 lbs. \$1.00 postpaid. By freight, not prepaid, pk. \$3.00; bu. (60 lbs.) \$11.00.

TURKESTAN ALFALFA. This has recently been introduced by our Agricultural Department. It was found growing on the high lands of Asia, and is especially adapted to the sudden changes of temperature that prevail there—intense heat at midday and very often frost at night, even at mid-summer. Turkestan alfalfa resembles the ordinary cultivated alfalfa described above, excepting that the leaves are shorter and sparsely clothed with short hairs. Its cultivation has been quite successful in the arid regions of the west, and under conditions where Alfalfa fails the Turkestan Alfalfa will prove to be of greatest value. Will grow on Alkali soils. As there is much seed of the common Alfalfa sold for Turkestan, we wish to state that we have the true Turkestan Alfalfa.

Price, NEBRASKA STANDARD GRADE of seed, per lb. 40c; 3 lbs. \$1.15. By freight, not prepaid, peck \$3.75; bushel \$14.00.

SAND LUCERNE. (Medicago Media.) A variety of Lucerne especially adapted for very dry, sandy land, where it will yield heavy crops. It is very long lived, and will grow in all climates. Will furnish from one to three good cuttings a season, according to fertility of the soil.

Price, lb. 45c; 3 lbs. \$1.25 postpaid. By freight, not prepaid, peck \$3.50; bushel \$14.00.

ESPARCETTE CLOVER. (Sanfoin or Sand Clover.) An Excellent, but comparatively little known variety of special value for growing on light, dry, sandy or limestone soil. It is very deep rooted, and therefore withstands drought. It is a good fodder plant on account of its high feeding value. Can be cut twice a year and is exceedingly long lived. Sow with oats or barley at the rate of one bushel to the acre. If sown alone about two bushels of seed should be used per acre. Cover the seeds quite deeply.

Price, NEBRASKA STANDARD, lb. 30c; 3 lbs. 85c postpaid. By freight, not prepaid, 25 lbs. \$3.50; bu. (45 lbs.) \$6.85.

JAPAN CLOVER. Well known in the South. Grows most anywhere and lasts a long time; on sands, gravels, or denuded clay hill tops, no other plant is so valuable for grazing. On medium good land up to three tons of hay per acre is no unusual yield. Will thrive in any soil and withstand the driest weather. Sow in spring, 15 to 20 pounds per acre, by itself, or in the fall with rye or winter oats.

Price, NEBRASKA STANDARD, lb. 45c; 3 lbs. \$1.25 postpaid. By freight, bushel (25 lbs.) \$7.50.

BOKHARA OR BEE CLOVER. (Melilotus Alba.) Will grow on any soil and is invaluable for bee food. It is greatly relished by the bees and makes superior honey. Of great value as a fertilizer. Sweet Clover will furnish the soil with Bacteria for the successful growing of Alfalfa. It will make sandy soils fertile. Sow 10 to 12 pounds per acre.

Price, NEBRASKA STANDARD, per lb. 40c; 3 lbs. \$1.10 postpaid. By freight or express, not prepaid, 10 lbs. \$2.50; bushel \$11.75.

MEDIUM RED CLOVER. (June Clover.) Regarded the most important of all clovers, not only for forage, but also as a soil fertilizer. When sown for forage use 10 to 15 lbs. per acre. Enriches the soil, furnishes an immense amount of grazing, large crops of excellent hay and is a profitable seed crop. It can be sown with wheat or oats early in the spring, but will do equally well when sown in the fall. Our clover seed is grown on clean land and we clean all seed with the latest improved machines. Our customers can rely upon receiving only the best seed.

Our NEBRASKA STANDARD GRADE SEED, per lb. 40c; 3 lbs. \$1.10 postpaid. Seed is very scarce this year; write for prices on larger quantities.

MAMMOTH RED CLOVER. (Pea Vine Clover.) This is well known for its enormous yields and for reclaiming exhausted land. It is extremely hardy and will flourish on soil which is too low and heavy for the common Red Clover. The hay is of choice quality, and is greedily eaten by all kinds of stock. Sow 10 to 12 pounds per acre. Can be sown either in the spring or fall. Our seed was grown here and we furnish the true Mammoth Clover, seed of which it is usually difficult to procure. The new crop seed is of extra fine quality.

Our NEBRASKA STANDARD GRADE SEED, per lb. 40c; 3 lbs. \$1.10 postpaid. By freight, pk. \$4.00; bu. \$15.00.

ALSYPKE OR SWEDISH CLOVER. The advantage which the Alsypke Clover has over Red Clover and other varieties are its hardiness and true perennial character. It adapts itself to a great variety of soils, growing on the edge of a stream and in swamp or low land, and also flourishes on dry and stubborn, stiff clay and upland soils, thus being capable of resisting the extremes of drought and wet alike. It is well liked by all stock either green in the pasture or when cured for hay. Sow 6 to 9 lbs. per acre. Seed is scarce and somewhat higher in price.

Our NEBRASKA STANDARD GRADE SEED, per lb. 40c; 3 lbs. \$1.10 postpaid. Peck \$4.25; bushel \$15.80.

WHITE CLOVER. This is of particular value in mixtures for pastures and lawns, and will grow on almost any kind of soil, excepting wet or very moist ground. Being very hardy and of creeping habit, it will also prevent the ground from being washed away by heavy rains. Valuable for bee pasture and as a green food for poultry. Sow 5 to 6 lbs. per acre. Seed is very scarce. Write for prices on larger quantities.

Our NEBRASKA STANDARD GRADE SEED, per lb. 65c; 3 lbs. \$1.85.



Alfalfa.



Esparcette Clover.

WE DO NOT PREPAY FREIGHT ON FIELD SEED ORDERS OF \$10.00 OR MORE. THIS APPLIES TO TREES ONLY.

GRASS SEEDS. Continued.

PRICES SUBJECT TO CHANGE.



White Clover. (Page 99.)

BROMUS INERMIS. (Hungarian Brome Grass.) This pre-eminent drought resisting grass stands at the head of all, and is destined to lead as the most satisfactory and valuable forage grass in all localities where arid soils demand a plant with ability to withstand drought. Stands intense cold equally as well. It will produce a big crop of hay on land that is too poor for clover or timothy. May be sown in Autumn with winter wheat or in early spring. In the Southern states sow in February or March, preparing the land as for other grasses. For hog pasture a mixture of Bromus Inermis and Alfalfa, where the latter succeeds well is recommended by Prof. Ten Eyck, of Kansas State Agricultural Experiment Station, and he also suggests for large pastures for cattle a mixture of the following per acre: Bromus Inermis 20 pounds, Orchard Grass 6 lbs., Meadow Fescue 8 lbs. Red Clover 1 to 2 lbs. added to this mixture. For worn out pastures he advises to disc early in the spring, following with a harrow and sow Bromus Inermis on the land. Sow 20 to 30 lbs. per acre if sown alone. Price, NEBRASKA STANDARD GRADE, lb. 40c; 3 lbs. \$1.10 postpaid. By freight, bu. (14 lbs.) \$3.00; 100 lbs. \$16.00, sacks included.

PERENNIAL RYE GRASS. (English Rye Grass.) A nutritious, permanent grass for meadows and pastures, or for mixing with other grasses for lawns. It is also well adapted for permanent meadows and yields large quantities of very nutritious hay. It makes a quicker, leafier growth than most other grasses, succeeds in the shade as well as in the open, and may be sown with good results in orchards or woodland pastures. Sow our Nebraska Standard in spring and fall at the rate of 20 to 30 lbs. per acre. Price, NEBRASKA STANDARD GRADE, lb. 30c; 3 lbs. 85c postpaid. By freight, bu. (20 lbs.) \$2.25; 100 lbs. \$7.75, sacks included.

ITALIAN RYE GRASS. A quick growing annual grass. Will grow on almost any soil, but thrives best on rich, moist land, where large crops can be produced. Valuable for hay and pasture. It is well adapted for pastures on account of its early growth in spring, and its quick and successive after growth when closely cropped. For this reason it is very valuable to sow as a catch crop in clover fields where the clover has died or winter killed. When mixed with Crimson Clover and sown on these bare spots in spring, a full crop can be counted on from these fields. Grows 2 to four feet high. Sow 20 to 25 lbs. per acre. Price, NEBRASKA STANDARD GRADE, lb. 30c; 3 lbs. 85c postpaid. Bu. (14 lbs.) \$2.00; 100 lbs. \$10.00, sacks included.

MEADOW FESCUE, or English Blue Grass. Succeeds well in almost all soils, from high, dry land to moist, standing the summer heat excellently. It is valuable as a pasture grass, being one of the earliest in the spring and latest in the fall. It is highly recommended as a large yielding, nutritious pasture and hay grass for all sections of the country as far south as Tennessee, and west into Central Kansas. In central Kansas, in particular, where timothy does not succeed, it is perhaps the best grass that could be grown. It may be sown either in the spring or in the fall. Sow 20 to 30 lbs. per acre. Price, NEBRASKA STANDARD GRADE, lb. 25c; 3 lbs. 70c postpaid. By freight, bu. (24 lbs.) \$4.00; 100 lbs. \$10.00, sacks included.

FANCY KENTUCKY BLUE GRASS. Very valuable and popular as a permanent pasture grass. It is productive and unusually early in spring, furnishing nutritious food for all kinds of stock. Unexcelled for lawns. The seed may be sown in early spring or fall or during the winter on a light fall of snow. Sow 20 to 30 pounds per acre for pasture or 60 to 100 lbs. for lawn. Our seed is government tested, first class in every particular and contains no Canada Blue Grass. Price, NEBRASKA STANDARD GRADE, lb. 35c; 3 lbs. \$1.00 postpaid. Bu. (14 lbs.) \$3.50; 100 lbs. \$16.50, sacks included.

CRIMSON CLOVER. (German Mammoth or Giant Incarnate Clover.) In this state and north of here this clover is treated as an annual plant and sown in the spring. In the South sow any time from July to end of September. The only clover that yields a heavy and full crop the first season. The yield in fodder is immense, and after cutting, it at once commences to grow and continues until severe freezing weather. It grows about two feet high. Will grow on nearly all soils, and succeeds well on sandy soil. There is hardly a better crop than Crimson Clover for cutting green, it makes excellent feed for milch cows and all kinds of stock. It makes superior hay and is of great value as a fertilizer. Worn out soils can be cheaply reclaimed by growing this clover. Sow in spring 12 to 15 lbs. per acre. Every farmer should sow 5 to 6 lbs. per acre with spring grain for fertilizing purposes. NEBRASKA STANDARD GRADE, Price, lb. 30c; 3 lbs. 85c postpaid. By freight, not prepaid, peck \$2.00; bushel \$7.75, sacks included.

CREeping BENT GRASS. This early variety is especially valuable as a pasture grass, and best adapted for low and moist situations. It starts early and holds out very late in autumn. Prefers deep, rich and moist soils, being very deep rooted, of quick, successive growth when cropped closely, and of dwarf habit. Sow 1 to 1½ bu. per acre. NEBRASKA STANDARD GRADE, per lb. 40c; 3 lbs. \$1.10 postpaid. By freight, not prepaid, bu. (14 lbs.) \$3.75; 100 lbs. \$25.00, sacks included.

BERMUDA GRASS. For the Southern states particularly this grass is best adapted, and of great value. It is the chief reliance there for pasture and hay, furnishing rich and green pasture during nine months of the year. On good land it will cut two to four tons of nice hay per acre. It grows wherever corn and cotton grow. It grows luxuriantly during the driest weather and will withstand the winters as far North as Central Kansas. Sow in spring 5 lbs. per acre. Price, lb. \$1.00 by mail postpaid. 5 lbs. not prepaid, \$4.25.



Crimson Clover.

TALL MEADOW OAT GRASS. The earliest of all grasses, and one that has naturalized itself all through the western states. It is the first grass to show itself in spring, and grows rapidly in good soil, showing a height of 4 feet by June. It will furnish two and three cuttings per year and is invaluable for early and late pasturage. The grass is without a doubt one of our most valuable grasses for either hay or pasturage. It seems to keep green both summer and winter, longer than any other grass, and for this reason is also known as Evergreen Grass. Farmers in sections where Timothy does not succeed will make no mistake by sowing this grass liberally. We recommend a mixture of about ten lbs. each of Meadow Oat Grass, Bromus Inermis and Meadow Fescue, to which clover seed may be added. Sow 20 to 25 lbs. per acre when sown alone. NEBRASKA STANDARD GRADE, per lb. 30c; 3 lbs. 85c postpaid. Bu. (14 lbs.) \$2.50; 100 lbs. \$16.50.

 • Try our NEBRASKA STAND-
 • AED GRADE of Clover and
 • Grass Seeds, there are none
 • better.



Kentucky Blue Grass.

GRASS SEEDS.—Continued.
PRICES SUBJECT TO CHANGE.

TIMOTHY. Unsurpassed for hay and greatly liked by all stock. Best suited to moist, rich and loamy soils. Timothy hay always commands the highest market price. An excellent meadow can be made by sowing three pounds of clean Red Top and one or two pounds of Red Clover with about eight pounds of Timothy per acre. 10 to 12 pounds are required when sown alone. Our seed is home grown, of extra nice quality, and free from weed seed. Please write for prices on larger quantities. Our NEBRASKA STANDARD GRADE, per lb. 30c; 3 lbs. \$1.10 postpaid. Peck \$1.10; bushel \$4.00, not prepaid.

SHEEP'S FESCUE. This grass should form a large part of all mixtures intended for sheep grazing on high upland or dry pastures. In growth it is short and dense, and of excellent nutritive qualities, deep rooted and not easily affected by drought. Sow 20 to 25 lbs. per acre. NEBRASKA STANDARD GRADE, per lb. 40c; 3 lbs. \$1.10 postpaid. By freight, per bu. (14 lbs.) \$3.00; 100 lbs. \$20.00, sacks included.

HARD FESCUE. Very valuable pasture grass for dry lands, doing well on sandy, shallow, silicious soils. Exceedingly hardy and permanent, withstanding extremes of cold, heat and drought. Makes a fine lawn grass. NEBRASKA STANDARD GRADE, per lb. 40c; 3 lbs. \$1.10 postpaid. By freight, bu. (14 lbs.) \$3.25; 100 lbs. \$21.00.

CRESTED DOGSTAIL. For permanent pastures; especially on high land and dry soils and hills. Is very hardy and but little affected by extreme drought or cold weather. Very hardy and grows 1 to 1½ feet high. Grows well in shady places and is valuable for lawns. Per lb. 50c; 3 lbs. \$1.40 postpaid. By freight, bu. (14 lbs.) \$4.50, sacks included.

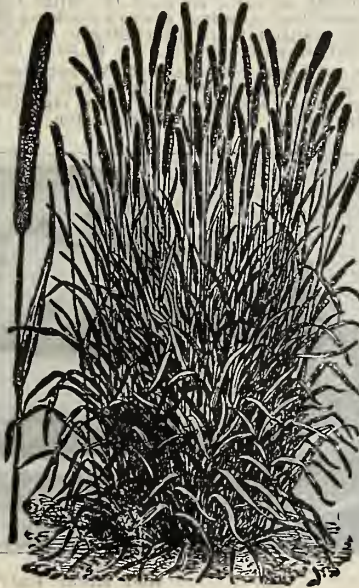
WOOD MEADOW GRASS. It is invaluable for wood pastures and should be included in all mixtures, especially in shady places. Remarkable for its quick, successive growth. NEBRASKA STANDARD GRADE, per lb. 75c; 3 lbs. \$2.00 postpaid. By freight, bu. (14 lbs.) \$7.50, sacks included.

ORCHARD GRASS. A valuable grass for pasture or hay land, and on account of its earliness very valuable for permanent pastures. It furnishes the first green bite in spring, and the last in the fall, and is quick to recover from close cropping. It is well suited to shady places, such as orchards and groves. It is good practice to sow Red Clover with Orchard Grass, either for hay or pasture. According to chemical analysis orchard grass is equal, if not superior to timothy. Orchard Grass is of great value for early and late pasture and in the South can be pastured nearly the entire year. Does well in our western states. It is also quite valuable for binding soils. Sow 20 to 30 pounds per acre. Price, NEBRASKA STANDARD GRADE, per lb. 40c; 3 lbs. \$1.10 postpaid. By freight, bu. (14 lbs.) \$3.75; 100 lbs. \$22.00.

RED TOP. Valuable for most soils. Good permanent grass. Stands our climate well, and is adapted to our pastures. Has succeeded on alkali soils when other grasses failed. Fancy clean or hulled seed, sow 8 to 10 lbs. per acre. OUR NEBRASKA STANDARD GRADE, per lb. 40c; 3 lbs. \$1.10 postpaid. By freight, bu. (14 lbs.) \$3.50; 100 lbs. \$22.00, sacks included.

WATER FESCUE GRASS. A very valuable grass for improving low and wet meadows, marshes or sloughs. It succeeds best on moist and wet land which is often under water. It is not well adapted for sowing by itself or alone, but does better if sown together with other varieties adapted for low ground, when a large quantity of fine hay can be secured in this way. NEBRASKA STANDARD GRADE, lb. 50c; 3 lbs. \$1.40 postpaid. By freight, bu. (14 lbs.) \$6.00, sacks included.

MEADOW FOXTAIL. One of the best permanent pasture grasses for moist, rich lands and will stand an occasional overflowing. Its chief characteristics are its extreme earliness and its faculty of standing the high summer heats without burning. The plant is similar to timothy in growth. Should be sown only in connection with other grasses, 8 to 10 lbs. to an acre. NEBRASKA STANDARD GRADE, per lb. 45c; 3 lbs. \$1.25 postpaid. By freight, per bu. (14 lbs.) \$3.75.



Timothy.



Orchard Grass.

BIRD SEED.

IDEAL MIXED. Best grade of re-cleaned seed in this mixture. For singing Canaries and small birds. lb. 10c; 3 lbs. 25c. Postage 10c extra per lb.

GOOD MIXED. For ordinary canaries, etc. Not recommended for singing canaries. lb. 7c; 3 lbs. 20c; 10 lbs. 55c. Postage 10c extra per pound.

SICILY CANARY. The best grade imported Sicily canary. lb. 10c; 3 lbs. 25c. Postage 10c extra per pound.

RUSSIAN HEMP. Rich, oily seed, liked by all birds. Should be fed sparingly. lb. 10c; 3 lbs. 25c. Postage 10c extra per pound.

GERMAN SUMMER RAPE. Best for canaries. Best imported seed only. lb. 10c; 3 lbs. 25c. Postage 10c extra per pound. Not prepaid, 10 lbs. 70c.

RUSSIAN SUNFLOWER. Best food for parrots, Red birds, etc. Per lb. 15c; 3 lbs. 40c; 10 lbs. \$1.00. Postage 10c extra per lb.

FRENCH WHITE MILLET. For canaries and other small birds. Per lb. 20c; 3 lbs. 50c. Postage 10c extra per pound.

BLUE POPPY OR MAW. Small seed liked by all small birds. Used for feeding finches. Large packet 10c; pound 40c postpaid.

LETTUCE SEED. Liked by all canaries. ¼ lb. 15c; lb. 40c postpaid.

BIRD DAINTIES. Composed of various kinds of seed relished by all birds. Large packet, 10c postpaid.

GOOD BOOKS.

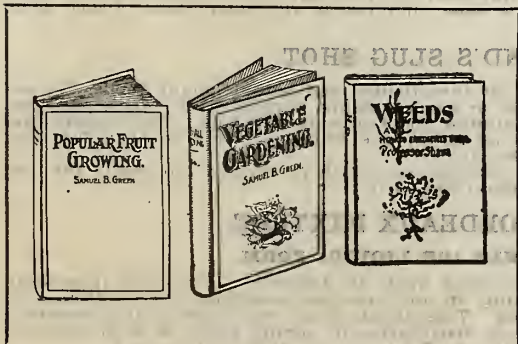
POPULAR FRUIT GROWING, by S. B. Green, Professor of Horticulture and Forestry in the University of Minnesota. This book gives full information in regard to planting and taking care of all kinds of fruit trees, also a complete spraying calendar with necessary receipts. Price, well bound, cloth cover, \$1.00 each; paper cover 50c postpaid.

VEGETABLE GARDENING, by the same author. Price, paper cover, 50c postpaid.

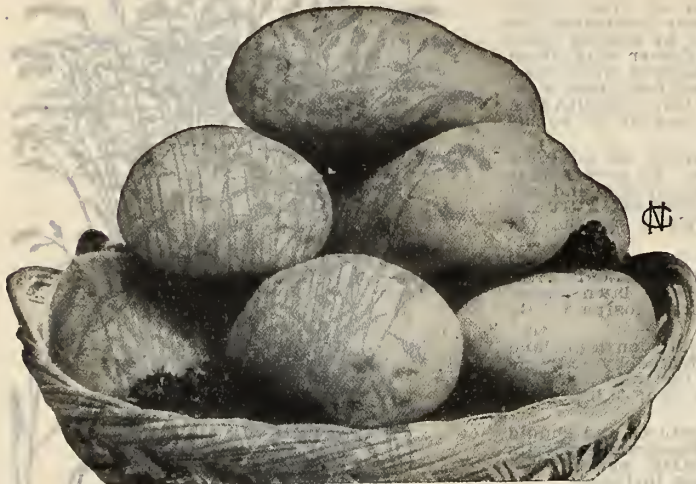
WEEDS, by Professor Shaw. Price, paper cover, 25c postpaid.

HOME FLORICULTURE. A complete guide for the growing of flowers in house and garden. Price 25c each postpaid.

We recommend these books to our customers. They are up to date, and all four books give a mass of valuable information. Every gardener, fruit grower and farmer should have a copy of them.



CHOICE NORTHERN SEED POTATOES.



Red River White Ohio.

IRISH COBBLER. It is a most excellent extra early variety, maturing good sized tubers 7 weeks from the time of planting. It has also the remarkable characteristic of producing very few, if any, small potatoes, all the tubers being of marketable size. The vines make short, upright growth, so that the hills may be only a short distance apart. Skin is clean and smooth, flesh is pure white, and of excellent quality, always cooking dry and mealy. The Irish Cobbler enjoys the distinction of being the only variety that is planted more extensively on Long Island (New York) than any other potato. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 75c; bu. \$1.80; 5 bu. \$8.75. Per bbl. \$5.40.

RED RIVER EXTRA EARLY OHIO. This is without doubt the most popular early potato in the country. We have more calls for it than for any other early. Everyone knows what it is and knows that it can be relied upon for an early market variety in almost every locality. They grow stronger and more vigorous, maturing the crop in shorter time and yielding much more than home seed, so that there is the utmost satisfaction in planting them. Potato growers in the South will have their crop ready for market from ten days to two weeks earlier, if our Red River Ohios are planted. Price, 3 lbs. 60c postpaid. By freight, pk. 60c; bu. \$1.75; 5 bu. \$8.40, bags included. Per bbl. \$4.85.

RED RIVER WHITE EARLY OHIO. No potatoes have been introduced during recent years that deserve so much attention as the White Ohio. As the name indicates, they are identical in every way with the Red Early Ohio, the same form and type, but white in color, excepting the eyes, which are pink or red. It is a good yielder and a strong and healthy grower, and will not scab as easily as the old Early Ohio. As an early market potato the White Ohio is of the greatest value, for it is the only early White Potato so far introduced, that has any special merit. It is just as good in quality, will ripen as early and seems to yield even better than the Red Ohio. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 70c; bu. \$2.00; 5 bu. \$9.50, bags included. Per bbl. \$5.75.

RED RIVER RURAL NEW YORKER. Well known the country over, and very largely planted for a profitable crop. "Dusty Rurals" always bring the top price in Chicago markets. When rurals first made their appearance in 1889, an entirely distinct class of potatoes were introduced unknown up to that time. The class is characterized by a long, rather spindling vine, with dark colored stalks, dark green leaves and purple blossoms, tubers nearly round, flattened, with very smooth, pure white skin, uniform in size, numerous in hill, very attractive and of excellent flavor. Price, 3 lbs. 60c postpaid. By freight, pk. 50c; bu. \$1.70; 5 bu. \$7.50, sacks included. Bbl. \$4.65.

HYBRIDIZED POTATO SEED. Potato seed from the flower boll (the true seed.) It is from such that the choice new varieties of potatoes are originated. The result is interesting, and often very profitable, as you are just as apt to obtain a choice new variety as an experienced potato specialist. Pkt. 10c; 3 for 25c.

"ACME" HAND POTATO PLANTER. This planter enables one man, going over the field but once, to plant two or more acres of potatoes in a day. And this almost as easily as he could walk the same distance in the same time. Price, \$1.00 by express or freight, not prepaid.



HAMMOND'S SLUG SHOT.

A combination of the most potent insecticides and soluble plant foods. It destroys all insects injurious to house or garden plants, shrubs, trees, vines, potatoes, melons, cabbage, currants and vegetables and fruits of all kinds. This preparation though poisonous to insects does not injure the foliage. Not prepaid, 5 lbs. 35c; 10 lbs. 60c. Postpaid, lb. 25c; 4 lbs. 95c.

We also have Slug Shot in 1 lb. cartons, each with perforated top, ready for use. Price, 1 lb. cartons, 15c each; postpaid 30c each.

FRENCH BORDEAUX MIXTURE.

IN FINE PULP (OR LIQUID) FORM.

The finest and best article of its kind made in America. Ready for immediate use. Works freely, without clogging, in any spraying machine. To be diluted 25 to 50 times with water and sprayed. This article is so well made that it covers a very large leaf surface, and the even distribution in minute mass, is what does the real protective work. Price, 1 quart can 45c; 1 gal. can \$1.20, not prepaid.

Our seed potatoes are guaranteed strictly northern grown; we get them grown on contract by potato specialists in the extreme northern section of Red River valley, Minnesota. It is essential to change your seed potatoes every few years if you wish to secure the largest yield, combined with the best quality. The crop turned out very short last season in the Red River Potato District, owing to the severe and prolonged drought, therefore prices rule higher and supply is limited. Price by the pound includes postage, larger quantities to go at buyer's expense. Prices subject to market changes late in season, should our stock be exhausted.

RED RIVER BLISS EXTRA EARLY TRIUMPH. This is considered the earliest of all potatoes and is the leading early potato of all Southern States. We are all familiar with it as sold at the grocery stores when the first NEW POTATOES are shipped in. It is at least a week or ten days earlier than the Early Rose and the early Ohio. The tubers are of a very handsome appearance, being almost round and most uniform in shape and size, with slightly depressed eyes, which are mostly on the seed end. The skin is of a pretty light red color, while the flesh is of the purest white, both raw and when cooked. Its beautiful appearance, wonderful productiveness and superior table qualities make this potato a favorite for the early market, wherever introduced. It produces at least from 12 to 15 tubers per hill, all of marketable size. Our Red River grown Triumphs can not be excelled. Price, 3 lbs. 60c postpaid. By freight, not prepaid, peck 75c; bu. \$1.90; 5 bu. \$8.75, bags included. Per bbl. \$5.35.



Red River Extra Early Ohio.

TREE SEEDS.

FOR FULL DESCRIPTION, SEE PAGES 28 TO 37.

The seed comes quickest and best when planted in rich, sandy loam. Plants should be naturally or artificially sheltered from heavy east and northeast winds.

ASH. (White.) *Fraxinus Americana*. Soak the seed for 24 hours in luke warm water. Sow early in spring or fall and cover 2 inches. Pkt. 5c; ¼ lb. 25c; lb. 60c postpaid.

ALANTHUS. Tree of Heaven. Sow seed in spring when the ground has become warm and cover 2 inches. Ounce 10c; ¼ lb. 20c; lb. 60c postpaid.

BOX ELDER. *Acer Negundo*. Culture same as Ash. Pkt. 5c; ¼ lb. 25c; lb. 60c postpaid.

CATALPA SPECIOSA. Hardy Catalpa. Culture same as *Allanthus*. Pkt. 5c; ¼ lb. 40c; lb. \$1.25 postpaid.

LOCUST, BLACK OR YELLOW. *Robinia Pseudacacia*. Soak the seed in warm water for 24 hours before sowing. Cover 2 inches. Sow in spring. Pkt. 5c; ¼ lb. 20c; lb. 65c postpaid. 10 lbs. \$4.75 not prepaid.

HONEY LOCUST. *Gleditsia Triacanthos*. Pour warm water (120 degrees) over the seed, stir well for ten minutes and let seed remain in water 24 hours. Then sow and cover 3 inches. Seeding time—spring. Pkt. 5c; ¼ lb. 20c; lb. 65c postpaid. 10 lbs. \$4.75 not prepaid.

THORNLESS HONEY LOCUST. *Gleditschia Inermis*. Culture same as above. Pkt. 5c; ¼ lb. 25c; lb. 75c postpaid. 10 lbs. \$6.00 not prepaid.

MOUNTAIN ASH. *Sorbus Aucuparia*. Sow the seed very early in spring and cover 2 inches. Sometimes the seed will not germinate until the second year. Oz. 10c; ¼ lb. 20c; pound 65c postpaid.

HACKBERRY. *Celtis*. Sow early in spring, covering about 2 inches. Pkt. 5c; ¼ lb. 25c; lb. 75c postpaid.

MULBERRY, RUSSIAN. *Morus Nigra*. Sow in spring when the ground has become warm, covering ½ inch. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00 postpaid.

NORWAY MAPLE. *Acer Platanoides*. Sow seed early in spring or fall, covering 2 inches. Pkt. 5c; ¼ lb. 25c; lb. 75c.

OSAGE ORANGE. (Hedge Plant.) *Maclura Aurantiaca*. Before planting soak the seed in water for 6 or 7 days, changing the water every day. Cover 3 inches. Seeding time—spring. Pkt. 5c; ¼ lb. 25c; lb. 75c postpaid.

PERSIMMONS. *Diospyros*. Sow seed in spring and cover two to three inches. Oz. 10c; ¼ lb. 25c; lb. 65c.

FRENCH CRAB APPLE. Best French Seed. Sow early in spring and cover 1½ to 2 inches. If sown later, seed must first be soaked in water for 3 or 4 days, changing the water every day. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

PEAR. Sow thickly in spring, in drills 18 inches apart. The soil should be deep and rich; a moist, rich loam is best. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.25 postpaid.

MAHALEE CHERRY. Sow seed thickly and cover two inches. If sown in spring they will come up the following spring. Fall seeding will make plants the next year. Oz. 10c; ¼ lb. 20c; lb. 65c postpaid.

RUSSIAN OLIVE. *Elaeagnus*. Sow seed in spring, after soaking same in luke-warm water for several hours; cover about 2 inches. Pkt. 10c; ¼ lb. 25c; lb. 75c postpaid.

EVERGREEN OR CONIFER TREE SEEDS.

For description of Varieties see pages 36 and 37.

Seed should be sown early in spring in a rich, sandy loam. Shelter the plants from heavy east and northeast winds. Most varieties grow easily from seed. Prices include postage.

	Pkt.	Oz.	Lb.
Arbor Vitae. (Chinese.) <i>Thuja Orientalis</i>	5c	20c	\$2.25
Arbor Vitae. (American.) <i>Thuja Occidentalis</i>	10c	30c	3.00
Colorado Blue Spruce. <i>Picea Pungens</i>	10c	30c	3.50
Norway Spruce. <i>Picea Excelsa</i>	5c	15c	1.20
White Spruce. <i>Abies Alba</i>	10c	30c	4.00
Balsam Fir. <i>Abies Balsamea</i>	5c	15c	1.75
Douglas Fir. <i>Pinus Douglasii</i>	5c	25c	3.00
Silver Fir. <i>Abies Sibirica</i>	5c	15c	1.50
Austrian Pine. (Black Pine.) <i>Pinus Austriaca</i>	5c	20c	2.00
Bull Pine. <i>Pinus Ponderosa</i>	5c	25c	2.50
Scotch Pine. <i>Pinus Sylvestris</i>	5c	20c	2.00

	Pkt.	Oz.	Lb.
White Pine. <i>Pinus Strobus</i>	10c	25c	\$2.75
Jack Pine. <i>Pinus Divaricata</i>	15c	50c	6.25
Red Cedar. <i>Juniperus Virginiana</i>	5c	10c	.75
Silver Cedar. <i>Juniperus Virginiana Glauca</i> ..	5c	20c	2.25
European Larch. <i>Larix Europea</i>	10c	25c	2.00
English Juniper. <i>Juniperus Communis</i>	5c	15c	.90
Hemlock Spruce. <i>Tsuga Canadensis</i>	10c	30c	3.75
Pinyon. (Nut Pine.) <i>Pinus Parryana</i>	5c	15c	1.75
White Fir. <i>Abies Concolor</i>	5c	20c	2.00
Engleman's Pine. <i>Pinus Englemanni</i>	10c	30c	4.00

WALKER'S EXCELSIOR PLANT FOOD.

A soluble food for house plants, containing all the elements necessary to nourish and make beautiful flowers and plants. It makes brighter flowers and prolongs the period of blooming. Large box containing sufficient for 25 plants for one year 25c; postpaid 40c. Small package 15c; postpaid 25c.

KNOX LICE EXPELLING NEST EGGS.

A scientific triumph! Lice killer and nest egg combined in one. Effective, lasting, not expensive, superior to others in form, size and appearance. Just the thing for the laying hens. Price, each 8c; 85c per dozen. Postpaid 12c each.

SCOLLEY PLANT SPRAYER.

A necessary article for everyone who keeps house plants. With it you can without injury to the plants or soaking the earth, quickly and effectively sprinkle them. Large size \$1.00; postpaid \$1.10. Medium size 75c; postpaid 85c.

FARM AND GARDEN TOOLS.

If you wish to buy any Garden Tools, such as hand Cultivators or hand Drills, also the same for horse power, write us for catalogue. We carry a full list of tools, and can make you low prices.

FRUIT PICKER.

The superiority of this fruit picker can be seen at a glance. Picking can be done from any angle by a gentle push or pull. Bag is 8 inches deep and 6 inches in diameter. Circle and ferrule are made of 16-gauge steel, strong and durable. Its price is so low that even those who have but little fruit to gather can well afford to use it. Owners of large orchards will greatly increase the efficiency of their help by supplying each person with one of these pickers. Price, complete as shown above, each 75c postpaid.

BAMBOO EXTENSION ROD.

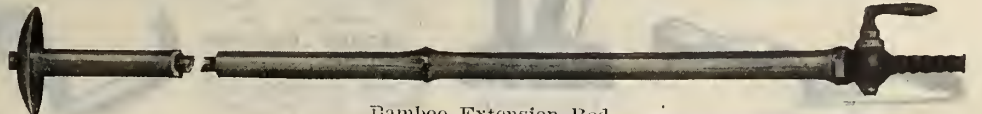
Consists of a heavy Bamboo pole, 8 feet long, with a piece of brass pipe through the center and a shut off cock at the lower end with hose attachment. On each end of Bamboo there is a brass cap to prevent splitting. A very strong and serviceable outfit, can be used with any make of Barrel Pump or Sprayer and with any type of spray nozzle. Price \$4.00 each.



Fruit Picker.

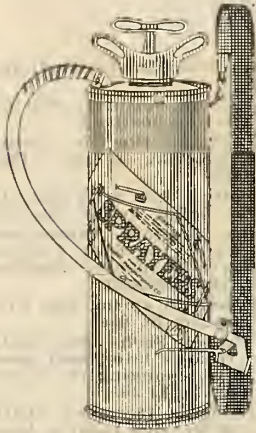


Excelsior Weeder.
(See page 104.)



Bamboo Extension Rod.

THE "PERFECTION" SPRAYER.



Perfection Sprayer.

In offering this new sprayer to our customers, we do so with the knowledge that we are offering the best sprayer on the market. It is of simple construction, and will not get out of order and is guaranteed to give satisfaction. First comes the question of strength and durability combined with ease of operation, range and character of work necessary in a sprayer that can be sold at a moderate price. A poor sprayer is dear at any price, a good one is cheap. The tanks are made of heavier metal than has ever been used in Sprayers of this kind, are lock seamed at the corners to convex heads of metal two gauges heavier than the sides, making the tank practically unbreakable. The pump is 1 3/8 inch Seamless Brass Tubing with a brass valve, and is sealed into the top of the tank with heavy threads following the construction used in the best makes of fire extinguishers. The hose is 3/4 inch 4-ply cloth inserted and is equipped with the well known Automatic Shut-off Nozzle. This sprayer will handle whitewash, water paints, Bordeaux Mixtures, etc., perfectly. It is made of heavy brass, weighs 9 1/2 pounds empty, and is tested with 50 pounds pressure before leaving the factory. **Complete Outfit, ready for use, Price, \$6.75, not prepaid.**

THE "IMPERIAL" SPRAY OUTFIT.

Where a larger sprayer is necessary the Imperial will fill the bill to the satisfaction of everybody. This outfit is complete and ready for operation. Holds thirty-two gallons. Is mounted on two 30-inch wheels with two-inch oval face. Is fitted with the No. 5 "Wide World" Pump which is of very large capacity and will maintain a heavy pressure at a minimum of effort. The pump is held in place by two strong castings and may be adjusted up or down to suit the height of the operator. A mechanical agitator keeps the liquid well mixed. A fine strainer keeps all foreign substance out of the pump. All valves and working parts are brass and the outfit has the following equipment: 10 feet 5-ply Pressure hose. 10 feet pipe extension in three pieces. 1 T-handle Shut-off Cock, 1 Single "Ideal" Nozzle. Shipping weight about 130 pounds. **Price for complete Outfit \$20.00, by freight not prepaid.**

THE "BRANDT DAISY" SPRAYER.



Daisy Sprayer.

A small sprayer and a great labor saver. It works **Both Ways**—Sprays the same on the return stroke as on the forward stroke, thus doing twice the work. Sprays straight up as well as down, a valuable feature in spraying poultry houses etc. It speaks for itself and needs no further description. Made with brass tank and holds 1 quart. **Price \$1.00.**

Write for free illustrated circular on Sprayers which gives detailed description and valuable spraying formulas.

PREMIUM.

For an order amounting to \$40.00 or more we will give one Bamboo Extension rod free. For an order of \$80.00 we will give one Perfection Sprayer free, and for an order of \$100.00 one Perfection Sprayer and one Bamboo Extension rod. **This is on orders for trees and plants only, not on seeds.**

THE "CYCLONE" BROADCAST HAND SEEDER.

Warranted to give satisfaction. The Cyclone has a national reputation as a high grade Seed Sower. It is built, not for cheapness, but for durability and accurate work. It weighs less than 4 lbs., yet is strong and durable, and so simple that a boy can operate it. Just the thing for sowing all kinds of clover, alfalfa and grass seed, millet, rape, and even larger grains, also fertilizer. **Price, reduced, \$1.50, not prepaid.**

—:o:—

GARDEN TROWELS. An indispensable tool to everyone who has a vegetable or flower garden to look after. 5-inch trowels 10c each. Extra strong 6 inch trowels 20c each. Postage 8c extra for each trowel.

EXCELSIOR WEEDER. Can be used to great advantage in any garden. Price 10c each. Postpaid 18c.

LANG'S HAND WEEDER. This is the best hand weeder for all purposes and a first class labor saver. Each 25c; 6 for \$1.25. Postp'd 30c each.

ACME POTATO PLANTER. This planter enables one man going over the field but once, to plant two or more acres in a day. And this almost as easily as he could walk the same distance in the same time. It makes the holes, drops and covers at the same time. It is important in planting potatoes that they be dropped in moist soil and covered before the soil dries out. This the Acme planter does perfectly. Weight 2 1/2 lbs. Price, \$1.00 by freight or express, not prepaid.

LIGHTNING MOLE TRAP. Acknowledged by all to be superior to any trap made. All parts malleable iron and steel. If you are bothered with moles you should have one of these traps. No mole can pass under it and live. Price 85c not prepaid.

TOBACCO DUST. Destroys rose bugs, lice, cut worms, vine bugs, tomato worms, currant worms, cabbage lice and worms, and parasites of all description. Best insecticide to use on cucumbers and melons. Should be applied when the foliage is wet. Also a most complete fertilizer for plants and vines; will not burn or injure the plants. Price, lb. 10c; 5 lbs. 25c; 16c per lb. extra if sent by mail. Not prepaid, 10 lbs. 40c; 100 lbs. \$2.95.

SULPHO TOBACCO SOAP. For a cheap, effective, clean and harmless insecticide this is unexcelled. It quickly exterminates all insect life on plants and flowers in and out of doors. For spraying fruit trees, small fruits, shrubs and vines. Destroys squash, melon and potato bugs. Makes a good wash for dogs and all animals. Prevents poultry lice. 3 oz. cake (for 1 1/2 gallons) 10c, or postpaid 15c; 8 oz. cake (for 4 gallons) 20c, or 28c postpaid.

SCOLLEY PLANT SPRAYER. A necessary article for everyone who keeps house plants. With it you can without injury to the plants or soaking the earth, quickly and very effectively sprinkle them. Large size \$1.00; postpaid \$1.10. Medium size 75c; postpaid 85c.

DIBBER. A round Dibber with steel points for transplanting vegetable plants. Each 30c; postpaid 45c.

LADIES GARDEN TROWEL. A very handy trowel for use in the vegetable and flower garden. Each 20c; postpaid 33c.



Garden Trowel.



Acme Potato Planter.



Lang's Hand Weeder.

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