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L. J. FARMER'S - - 1932 Catalog - -

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Berry Plants
Shrubs - Roses - Perennials
Fruit and Ornamental Trees



Climbing Rose—"Primrose"

L. J. FARMER
Fragaria Nurseries
Pulaski, Oswego Co., N. Y.

Vegetable Seed Trials

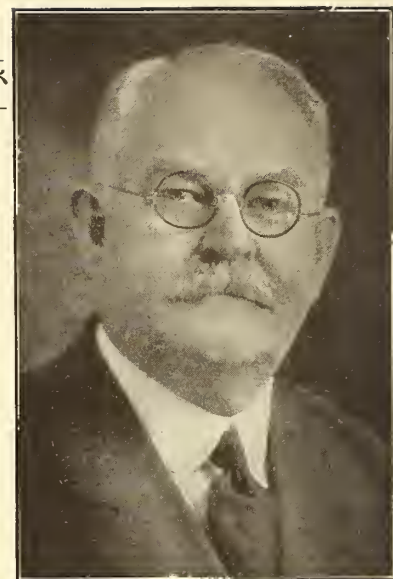
1932

49 Years in Business

This business was established in 1883 by L. J. Farmer, when he was 17 years of age. At first, strawberry plants only were grown for fruit and to sell, but later on, all kinds of berry plants; and finally shrubs, trees and everything that goes to make up a complete nursery business. We know that most people like to buy all their supplies at one place, in order to save transportation charges, and we like to accommodate them.

We Are Very Anxious To Please

It is our aim to supply anything in our line, at any time that you want it. We ship at almost all times of the year. There is hardly a week, winter or summer, that we do not make shipments somewhere. Our principal business is in New York and adjoining states, but every year we make scattered shipments to Europe, Asia, Africa, New Zealand and Australia. Ours is principally a mail order business, but the amount of business we are doing locally is increasing year by year. Each season hundreds of people drive from Syracuse, Binghamton, Watertown, Ogdensburgh, Utica, Rome, Oswego, Rochester and intermediate points, and go back home, loaded with Trees, Plants, Shrubs, Vines etc. from Fragaria Nurseries. Many of our best orders come from neighbors of those who have planted our stock.



L. J. FARMER

Order Trees, Shrubs, Plants, Vines, Etc. Collect on Delivery

We know that it is not always convenient for all our patrons to send in the full amount of money when they place their orders, but please do not put off ordering early on account of this. We recommend that you send in your order as soon as possible after receiving this catalogue, with the understanding that the goods are to be shipped C. O. D. for the full amount, less whatever payment may have been made previous to date of shipment. We require that one-fourth of the full amount be sent in before the goods are shipped, as a guarantee of good faith. We can only book orders and hold goods for customers, when part payment is made at time of ordering. We will accept personal checks or any established method of sending money.

Goods Sent C. O. D. For Postage Are Insured

There is no possible way to ascertain the exact amount of postage an order will take until it is packed and weighed. This is why we like to send packages C. O. D. for the postage. The customer pays the exact amount. One should not regret the small extra cost of the C. O. D. charge, as it insures the package against loss, as the postage cannot be collected unless the package is delivered. We agree to replace any order, lost or stolen, absolutely free, if goods are ordered C. O. D. for the postage.

Don't be misled by offers of free transportation of goods. When postage or express charges are prepaid, goods are either priced higher or the quality of the goods is sacrificed. In any event, the purchaser has to settle for what he gets.

FREE Seeds, Plants or Bulbs With Every Order

Every person whose order amounts to \$2.00 or more, will receive a packet of choice flower seeds and some flowering plants or bulbs. If your order amounts to \$5.00 or more, we will send you a free copy of "Farmer on the Strawberry" 112 pages, 44 half-tone illustrations. Orders amounting to \$10.00 or more, will also receive a free copy of "What, When and Where to Plant," 36 pages, profusely illustrated, showing how to plant everything. A beautiful colored dining room picture, framed and showing a large basket of strawberries, with bananas at the side, is also given free with all orders amounting to \$100.00 or more. The free bulbs, plants and vines we put in every order, go a long ways in helping pay the cost of transportation. In 1931, we gave away over 20,000 gladiolus bulbs, over 50,000 dahlia tubers, besides other items, too numerous to mention. This year, we propose to give away thousands of nice plants of choice varieties of perennial phlox in addition to other items. **Please do not ask us for special gifts.** We can only give away things we have in great surplus.

PRICES Just Notice How We Have Reduced Prices for 1932

The prices in this catalogue have been made as low as possible in view of our purpose to furnish only good stock. In no other article of merchandise does quality count so much as in nursery stock, since its first cost, at highest prices, is trifling, compared to the labor and expense that must be put upon it afterwards. Good trees and plants cannot be sold at ruinous prices, any more than good cloth at shoddy prices, without loss to some one. We never have made low prices our leading slogan, but instead, have endeavored to furnish the best goods at fair prices, with a view of holding our customers from year to year. It is our desire that every transaction shall be to the advantage of the buyer, as well as to ourselves. Goods are sent by Parcel Post, Express or Freight, the customer paying charges. Please make your order amount to at least \$1.00. No charge for packing or packages.

We ship special orders and small quantities, every month in the year, but our regular spring shipping season begins about March 1st and continues well into June. Our fall season lasts until the ground freezes solid, some time in December or later.

IMPORTANT

We exercise the greatest care in packing all orders so that they reach the customer in good condition. However, if the shipment does not arrive in satisfactory condition, due to delay or other cause, the customer should notify us at once that we may take steps for immediate adjustment. We stand ready to replace any item lost or damaged, gratis. All complaints must be filed within five days after shipment is received. Address all orders and communications to

L. J. Farmer

FRAGARIA NURSERIES

Pulaski, Oswego County, N. Y.

Farmer
on the
Strawberry

A treatise on Strawberry Culture, (not a catalogue) written by L. J. Farmer who began

to grow strawberries as a boy of 17 years and has therefore, had 49 years experience in the business. 112 pages, 44 fine half-tone illustrations, price 50c; or given free with orders of plants from this catalogue amounting to \$5.00 or more. You can send 50c. for this book now and deduct it, when you send in your order.

STRAWBERRIES

For garden culture, set strawberries 12 to 18 inches apart in the row, with rows 2 to 3 feet apart. For field culture, the same distance in the row but make the rows 4 to 5 feet apart. There are 43,560 square feet in an acre of land and you can find the number of plants that go on an acre, by dividing 43,560 by the multiplied distance between the plants. Thus an acre of strawberries set 5 x 1, contains 8,712 plants and an acre set 4 x 1, contains 10,890 plants. This method can be used to find the number of plants or trees of any kind that can be planted on an acre. The best time to set strawberries in the North is early spring, but transplanted plants can be set any time in the growing season and pot grown plants are best set in July, August and September. October and November are best months for setting plants in Florida, California and similar climates.

Strawberry Varieties Classified

The Largest Strawberries—Jumbo, Berri-Supreme, Jersey Giant, Washington, Buhach, Marshall, Cooper, Joe Crampton, Mascot, Pearl, Mastodon, The Best, Big Late, Kellogg's Prize, Chesapeake.

Best Flavored Berries—Jersey Giant, Marshall, Chesapeake, Wm. Belt, Dunlap, Brandywine, Ridgway, Champion Everbearing.

Best Canning Berries—Early Market, Ozark, Dunlap, Marshall, Brandywine, Mascot, Chesapeake, Jersey Giant.

Greatest Yielders—Premier, Jersey Giant, Mastodon, Washington, Aldrich Everbearing, Campbells Early, Haverland, Parson's Beauty, Buhach, Cooper, Harvest King, Red Gold, Glen Mary, Sample, Aroma, Big Joe, Kellogg's Prize, Jumbo, S. L. Champion, Big Late, Early Market.

Best for Distant Shipment—S. L. Champion, Glen Mary, Jumbo, Ozark, Missionary, Parson's Beauty, Brandywine, Aldrich Everbearing, Blackmore, Klondike, Gandy, Lupton, Mascot, The Best, Jersey Giant, Joe Crampton, Early Market, Berri-Supreme, Washington.

About Descriptions, Prices, Etc.

Varieties marked "P" are perfect in flower and do not require that others be planted near them. Varieties marked "Imp." are imperfect in flower and need to be planted near some perfect flowered kind that blossoms at the same time.

Although we have tried to make our descriptions plain, it is sometimes difficult for the beginner to make the proper selection and if you will write us, giving us a general idea of your wants, we will try to help you.

The following prices are for layer or common field dug plants, dug and shipped in spring of 1932 up to June 1st. After June 1st, transplanted plant prices will be charged for summer and fall shipments. After May 1st, we advise ordering only the transplanted plants. Potted plants are shipped in August and later.

Extra Early Varieties

Premier (P). The most popular strawberry in general cultivation today. Plants moderate growers. Berries very large, oblong, pointed and stand shipment very well. Has a prominent hull which helps in shipping. Its bright attractive color and good keeping qualities, make it a favorite in market. It does not turn dark after standing over night, like some varieties. It prefers light sandy or gravelly soils, but does fairly well on heavier lands, but will not stand wet soggy conditions. It is probably the most productive of all the leading market kinds that ripen early, having produced at the rate of 16,000 quarts to the acre in this county. 10 plants, 35c; 25, 50c; 100, \$1.25; 1000, \$10.00. Transplanted, 10 plants 50c; 25, 75c; 100, \$2.00; 1000, \$17.00.

Early Jersey Giant (P). On our farm the Early Giant surpasses all other extra early strawberries. Our soil is too heavy for Premier. I am told that the Jersey Giant also does equally well on light soils. It is a very large berry, larger than Premier, deep red in color and red clear through; very firm and a good shipper as well as canner. It has a very decided agreeable strawberry flavor. I think it quite equal to Premier in productiveness. The plants are equally as good growers as Premier and decidedly more vigorous and free from diseases. Our favorite for an extra early strawberry. 10 plants, 50c; 25, 75c; 100, \$1.50; 1000, \$12.00. Transplanted, 10 plants, 60c; 25, 85c; 100, \$2.50; 1000, \$20.00.

Campbells Early (P). This is one of the best strawberries we know for practical results. Plants good growers, very hardy and enormously productive. Berries medium to large, round, deep red. Entirely hardy, wintering finely when Premier plants are killed to the ground. Price same as Premier.

Early Ozark. Berries very large, firm, dark colored and fine for shipping and canning. Ripens very early, holds its size and is gone before medium early varieties are on. Plants rugged, healthy and very productive. Price, same as Premier.

Blackmore (P). The new berry for the south. A seedling of Premier and Missionary. Price, same as Premier.

Missionary (P). The long glossy, pointed berry seen in city markets in January, February and March. Adapted for Florida and similar climates. Price same as Premier.

Klondike. The favorite shipping variety for the south Atlantic coast. Plants healthy, vigorous with reddish runners and stems. Berries medium to large, light colored, pointed. Price same as Premier.

Medium Early Varieties

Senator Dunlap (P). The most popular strawberry for the Northern part of the United States and Canada today. It is especially adapted for home use and careless culture, being very vigorous, healthy and productive under partial neglect. We have often remarked that all you have to do to get plenty of berries, is to set out the plants and hoe them once. They are quite capable of coping with weeds and grass under ordinary conditions. We have a patch that has been set over 20 years; it gets absolutely no care and yet there is where we find our first berries every year, and they are of the finest flavor. Of course it pays to give the Senator Dunlap good culture, no variety responds more readily to good care. We have seen berries that you would almost take for Marshalls, they were so large and fine. The housewife loves them, as they are so easily hulled, the calyx standing off, not fitting down tight to the berry. The flavor is almost the best. They are rich deep red through and through, and one of the best for canning. 10 plants, 25c; 25, 35c; 100, \$1.00; 1000, \$8.00. Transplanted, 10, 35c; 25, 50c; 100, \$1.50; 1000, \$12.00.

Haverland (Imp.). Price same as Premier.

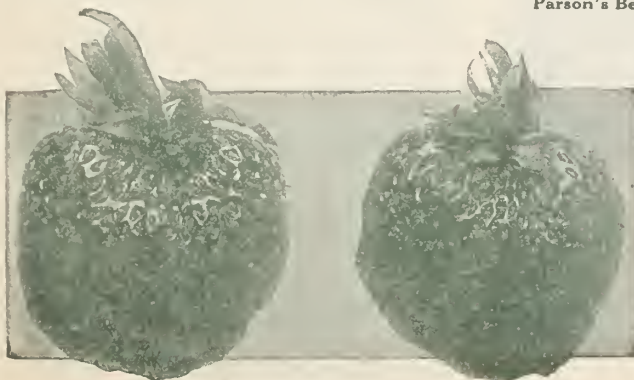
Parson's Beauty (P). Price same as Premier.



A well grown Strawberry Plant.
Note the excellent root system.



SENATOR DUNLAP



EARLY JERSEY GIANT

New Strawberry "Early Market"

NEW STRAWBERRY—"Early Market" (P). This new variety was found growing on the grounds of a leading strawberry grower of our town. It attracted attention because of its extreme earliness, large size and attractive color. The plants are model growers, making just the right number of new plants for a fruitful row. The plants are large, very vigorous, with leathery leaves, thus resisting diseases. The berries are very large, deep red color and produced in great abundance, all in a short space of time, making it very desirable for market, as it gets out of the way before others come on. It is very firm and the red color reaches clear through the berry, making it very desirable for canning and preserving. It is fully as early as the old Excelsior and must be a seedling of that variety. We offer it this year, for the first time. Price of strong, sturdy plants,—10 plants 65c; 25, \$1.00; 100, \$3.00; 1000, \$25.00.

Bubach (Imp.). An old variety especially adapted for conditions where large size, attractiveness and quantity are the qualities wanted. Price same as Early Jersey Giant.

Marshall (P). The aristocrat among strawberries. The plants are healthy and vigorous, but require the best culture in order to produce well, and then, it is partial to choice of soil and location. The berries are very large, deep red clear through and of the very finest flavor. The largest berries we ever saw of any variety were several baskets of the Marshall shown by a Mr. Tice at the Oswego County Strawberry Show, many years ago. It took just 6 of these berries to heape a quart basket. Price, same as Early Jersey Giant.

✓ **Kevitt's Wonder.** Price same as Premier.

✓ **Red Gold.** Price same as Early Jersey Giant.

✓ **Harvest King.** Price same as Early Jersey Giant.

✓ **Cooper (P).** Price same as Premier.

✓ **Ettersburg White Strawberry.** From California. 10 plants, 75c; 25, \$1.50; 100, \$5.00.

✓ **Delicious (P).** 10 plants, 50c; 25, 75c; 100, \$1.50.

✓ **Bliss (P).** Price, same as Delicious.

✓ **Bouquet (P).** Price, same as Delicious.

✓ **Kevitt's Wonder (P).** Price, same as Delicious.

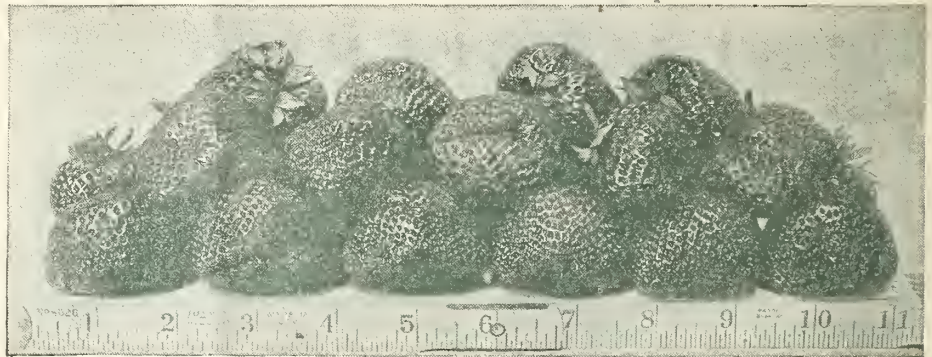
✓ **New York (P).** Plants sturdy growers, making a moderate number of large healthy new plants. Berries very large, deep red on outside and lighter underneath. Very productive of mild flavored berries neither very sour nor very sweet, but well liked by people who do not like acid in strawberries. Price, same as Premier.

Late Varieties

✓ **The Best (P).** We have been growing strawberries now for 48 years and in all this time, we have never run across a later strawberry that quite equalled the variety we call "Best" for our soil and location. It is with us as a late strawberry what the Jersey Giant is as an early variety. The only fault it has that we could mention, is that it is sometimes not very productive the first fruiting year, but it will make up for it the second and later years every time. The plants are marvels of growth, healthy, hardy and very vigorous. The berries are very large, smooth and glossy, as if turned in a lathe, with blunt dimpled ends. It is a light red berry and does not turn dark by standing. The flavor is good and the keeping and shipping qualities are unsurpassed. The illustration on this page gives one a true idea of this berry. Price, 10 plants, 65c; 25, \$1.00; 100, \$2.50; 1,000, \$20.00. Transplanted, 10 plants, 75c; 25, \$1.10; 100, \$3.00; 1,000, \$25.00.

✓ **Jumbo (P).** A comparatively new variety introduced by us in 1925. The plants are vigorous, robust growers and while not an everbearing variety, seem to be so inclined to heavy fruiting, that they "Boil Over" and fruit a second time, it often being possible to gather a fine crop of them in late fall, like Mastodon and other everbearers, in October and November. The berries are very large, attractive, round in shape, serrated and do not fade or grow dark colored by standing. It has sold as high as \$1.00 per quart on the New York market. There seems to be several strains of this remarkable variety which largely accounts for the variance in results that different growers have with it. Ours is the Halliday strain. Price same as the Best.

✓ **Steven's Late Champion (P).** This is one of the most remarkable strawberries of all time. It is irregular in shape, many of the berries being flat and coxcombed, and has a very large and prominent calyx or hull; these



A Good Showing of "The Best" Picked July 15th.

qualities making it weigh less to the crate than any other strawberry. This is why it is such a fine keeper and shipper; it being possibly the best shipping strawberry we have. The plants are very vigorous, and good runners, and seem to do well on most any kind of soil, being the one variety that does not have to have very rich soil. A bed of this and Senator Dunlap taken good care of the first year, so the vines cover the ground, can be manipulated, with a very little care, so that it can be kept in bearing condition almost indefinitely. The berries are light colored, very firm and do not fade or turn dark when exposed in market. It should be left to ripen thoroughly before being picked, for home use, or it will be too sour for most tastes. 10 plants, 35c; 25, 50c; 100, \$1.25; 1,000, \$10.00. Transplanted, 10 plants, 50c; 25, 75c; 100, \$2.00; 1,000, \$17.00.



Stevens Late Champion Strawberry in Quarts

✓ **Chesapeake (P).** This is to late strawberries, what the Marshall is to early varieties, the Aristocrat among strawberries. The plants are strong, sturdy growers but must have the best of care. The berries are very large, firm and of fine flavor, the seeds being very prominent on the outside and aiding the berries to stand up wonderfully when shipped. I saw the returns of an Oswego

County grower who shipped 7 crates to New York, which were sold July 3rd, 1929, at 45 and 50 cents per quart, and which netted the grower over \$100.00 for the 7 crates. The stewards of those large New York hotels won't take any other strawberries if they can get Marshalls or Chesapeakes, and it is my advice to growers to experiment with these varieties and see if you can grow them. Price same as Early Jersey Giant.

✓ **Glen Mary (P).** Plants vigorous and healthy on dry leachy soils, but soon get badly diseased if set in wet places. This and Wm. Belt and Brandywine, seem to require similar conditions. Berries of Glen Mary are very large, with lighter colored tips, irregular, good shippers, but of indifferent flavor. Decidedly the "quantity" strawberry and much in favor with many growers on that account. There are places where nothing but quantity counts, flavor doesn't appeal, and Glen Mary hits the mark. Price same as S. L. Champion.

✓ **The Ridgway (P)** Years ago, we used to grow this variety extensively for home use and market, but it was crowded out by others of greater claims but of less ability of fulfillment. I don't know as I ever knew of a variety being called for so persistently as the Ridgway was by my customers, after we ceased to catalogue it. We finally secured a stock of a neighbor and now we have growing a limited supply of plants for spring trade. The plants are clean healthy growers, the roots being whiter and more fleshy than other varieties, reminding one of asparagus, they are so vigorous and healthy. The berries are medium to large in size and as regular in shape as if turned out from a lathe. It seems to be the one strawberry especially adapted for low wet soils, muck or clay, and on such soils it produces large crops of shining glossy berries that bring good prices in market. It is not a firm berry, but it has high quality and therefore is unsurpassed for home use and near market. On upland the berries are of good flavor, but do not attain large size. Plants limited. Price 10 plants, 65c; 25, \$1.00; 100, \$2.50; 1,000, \$20.00. Transplanted, 10 plants, 75c; 25, \$1.10; 100, \$3.00; 1,000, \$25.00.

✓ **Aroma (P).** This is a very large midseason to late strawberry that is very popular in Missouri and the rest of the Southwest, and which does quite well in most other sections of the country. Of all the southern berries shipped into our local markets early in the season the Aromas from Missouri surpass them all, being quite equal in some instances to our local home grown berries in appearance and flavor. Price same as S. L. Champion.

✓ **Wm. Belt (P).** Good grower, fine flavor, bears well in same field many years. Price same as S. L. Champion.

✓ **Brandywine (P).** If one wants a berry of real strawberry flavor, let him get Brandywine. You know that you are eating strawberries when you eat this variety. Price same as S. L. Champion.

✓ **Sample (Imp.).** Price same as S. L. Champion.

✓ **Mascot (P).** Plants healthy and vigorous. Berries very large, rich deep red, and hold their size to the end of the season. It is hard to heat. Price same as Early Jersey Giant.

✓ **Big Late (Imp.).** Price same as S. L. Champion.

✓ **Candy (P).** Price same as S. L. Champion.

✓ **Lupton (P).** Price same as S. L. Champion.

✓ **Kellogg's Prize (Imp.).** Price same as S. L. Champion.

✓ **Joe Crampton (P).** Extremely late, very large, productive. Last berry of the season on Chicago market. Price, same as Early Jersey Giant.



Showing One Plant of Mastodon Strawberry. Photographed November 1.

Oswego Co., N. Y., April 14th, 1931.
Strawberry plants I had from you last year were fine, never lost a plant.

Mrs. Frank Hackett.

Oswego Co., N. Y., July 30th, 1931.
Some years ago I got an order of strawberry plants from you which furnished berries for several years. I want to try again. What kind would you recommend?

D. L. Fisher.

Broome Co., N. Y., Aug. 3rd, 1931.
The strawberry plants came all O. K.

John McFarlane.



Typical Berries of Berri Supreme, reduced about one half

EVERBEARING STRAWBERRIES

This kind of strawberry is attaining greater popularity each succeeding year. If set in early spring, they bear their largest fall crop in August, September and October of the same year they are set. The next June, they bear a larger crop than ordinary varieties and if the plants are carefully hoed and fertilized after the spring crop, they will bear quite a satisfactory crop again in August and later on. We advise that a new field be set each year for best results.

Mastodon (P). This is the best known and most popular of all the everbearing strawberries. It has simply taken the country by storm. The plants are very large and enormously productive. The berries average good size. Some of them are very large. The crop of fruit in the fall is not only very large but the spring crop is enormous. The flavor of the fruit is good, but not of the highest quality. In spite of many faults there is good money in growing Mastodon for local trade and where it can be placed in the hands of the consumer, within a few hours after it is picked. This variety did unusually well for us the past season. Price, 10 plants, 65c; 25, \$1.00; 100, \$3.00; 1,000, \$20.00. Transplanted, 10 plants, 75c; 25, \$1.25; 100, \$3.50; 1,000, \$25.00.

Berri-Supreme (P). This new variety was sent us last spring from Utah. Unlike the Mastodon, the plants are only medium in size and make a good average run of new plants during the season. There is no disease on the plants or the fruit of the Berri-Supreme. The berries are larger than the Mastodon, the average is larger and individual berries are larger. Strange to say, the berries very closely resemble the Mastodon in shape, color and general appearance. There are no inferior or diseased berries, they are all marketable. The originator does not claim the Berri-Supreme as productive as the Mastodon, but he says it will produce more marketable fruit. The fruit is more protected by the leaves than are the Mastodon. The fruit does not spoil easily after picking, but keeps a good long time.

The Berri-Supreme did fine for us the past season (1931). It bore a fine crop in June and about six weeks later began to produce the fall crop, which was magnificent.

- The originator claims that—
- Berri-Supreme bears a larger berry than Mastodon.
- It bears more marketable berries than Mastodon.
- It bears a longer season than Mastodon.
- Has a better flavor than Mastodon.
- Has a better color than Mastodon.
- Has a better shape than Mastodon.
- Holds up better in shipments than Mastodon.
- It is easier picked than Mastodon.
- Are more uniform in shape and size than Mastodon.

I can fully concur in the above. I certainly think favorably of the Berri-Supreme. Price, 10 plants, \$1.00; 25, \$2.00; 100, \$6.00; 1,000, \$50.00. Transplanted, 10 plants, \$1.10; 25, \$2.25; 100, \$7.00; 1,000, \$60.00.

Champion Everbearing (P). An improvement over the Progressive, but very similar. Medium size, deep red and of fine flavor. Does best on light soils. Fine for home use on account of superior flavor. 10 plants, 50c; 25, 75c; 100, \$2.50; 1,000, \$18.00. Transplanted, 10, 65c; 25, \$1.00; 100, \$3.00; 1,000, \$20.00.

New Everbearing Strawberry, ALDRICH EVERBEARING (P). We thought of a lot of different names to give this new strawberry, but we did not want to over-name it, so we decided to name it after the originator, Mr. Moses T. Aldrich of Connecticut. Mr. Aldrich was so sure he had a good thing and was so insistent that we come and see it, that we drove over 800 miles (the round trip) the fall of 1930, just to see this new everbearer in fruit. It did not disappoint us. We saw the new berry in fruit Sept. 16th, right in its prime. There were 800 plants set in the spring of 1930 and everyone of them was loaded with blossoms, green and ripe fruit in all stages of maturity. We carefully measured the plot and there were just 36 square rods or 4 rods less than a quarter of an acre. From this little plot, Mr. Aldrich picked and sold over \$350.00 worth of fruit, which is at the rate of about \$1600.00 to the acre for the first fall crop. It is well known that the

spring or early summer crop runs larger than this and while it may not bring as much per quart, the extra number of quarts will make up for the difference in price. We asked Mr. Aldrich to give us a statement of the yield, etc., which is as follows:—

L. J. FARMER
Dear Sir:

Nov. 13, 1930
Received your letter and the pictures last night. I set out my strawberries the last part of April and we commenced picking berries July 19th and finished Oct. 18th. We had 900 quarts. We sold over half of them at 45c per quart and the most of the rest at 35c, a very few at 25c. They came to \$353.90. We didn't try to see how long we could keep the berries, but a friend did. My wife saw them after she had kept them 10 days and they were all right then.

Yours truly,

M. L. Aldrich.

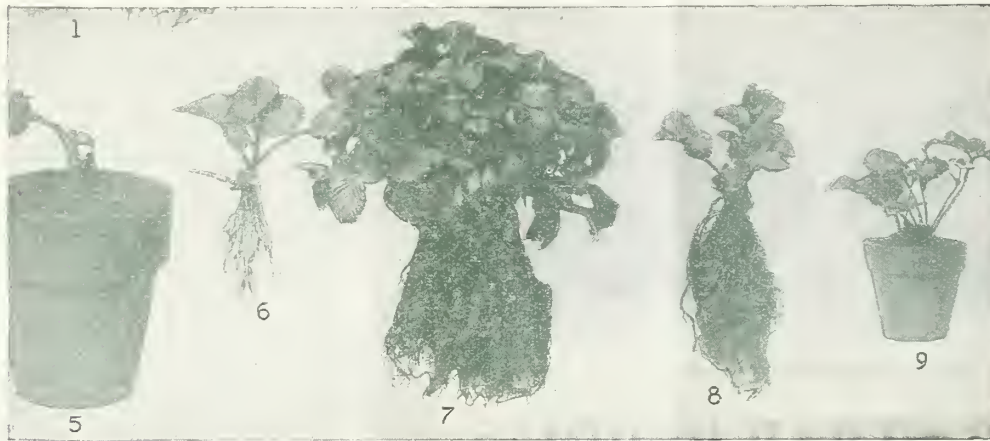
Mr. Aldrich tells us that he purchased some plants of the Superb strawberry when we first introduced it at \$5 per dozen, in 1912. He grew the Superb for many years and he thinks the new berry is a seedling of the Superb crossed with a late variety he was then growing. It certainly resembles the Superb in both plant and fruit. It reminds us of the Wait's Everbearing, which until the advent of this new variety, was the prettiest strawberry we ever saw. When we take into consideration the fact that every plant produces fruit, that the fruit is the most attractive and saleable of any everbearing variety yet introduced, and is such a good shipper and long keeper, together with the fact that it has produced fruit at the rate of 4000 quarts to the acre in the fall of the first year, we think we are justified in saying that we have the most valuable everbearing strawberry yet introduced. The berries from which we

made the accompanying pictures were sent to us from Connecticut by parcel post and we made the photographs from them, nearly a week after the berries had been picked. Growers of everbearing varieties will agree with us that this long keeping characteristic is a valuable asset to an everbearing variety, most of the older kinds, such as Progressive, Mastodon, etc., etc., are sometimes hard to keep over night, and this renders them valueless for shipping or for store trade where they have to remain over night, except in very cool weather. The plants of the Aldrich everbearing are small to medium in size, but have great vitality and if given good care, make a fine spread of new plants the first season. The mother plant attains a large size, like the old Superb, and at the height of the fruiting season is simply a sight to behold, with its crop of beautiful fruit. The flavor is good, better than Superb, but not as good as Americus. The piece of ground where these berries grew was only moderately fertilized, had no irrigation, but had the best of cultivation; it was full of quack grass when the plants were set, but by constant cultivation, this was entirely eradicated and when I saw the field in September you could not find a weed of any kind. The plants had all been layered and tipped in. We fruited the Aldrich the past fall and were wonderfully well pleased with it. It began to bloom and bear fruit soon after being set. In fact, it starts to fruit before any other variety, after the plants are set. Unlike the Mastodon, it matures practically all its crop, very little being left on the vines when winter comes. 10 plants, \$1.00; 25, \$2.00; 100, \$6.00; 1,000, \$50.00. Transplanted, 10 plants, \$1.10; 25, \$2.25; 100, \$7.00; 1,000, \$60.00.

- Plymouth Co., Mass., May 16th, 1931.
Received plants in the best possible condition today.
J. H. MacDonald.
- Goshen, Ind., May 28th, 1931.
I have received the 200 Aldrich and the 25 Berri-Supreme. They came in splendid condition, are planted, and I am well pleased with them.
A. B. Kunderd.
- Bergen Co., N. J., June 4th, 1931.
Please ship Beginner's everbearing strawberry collection. Previous order of raspberries and grapes arrived in good condition and are thriving.
T. H. Hughes.
- Merrimack Co., N. H., June 10th, 1931.
The Jersey Giants were fresh and in fine shape.
H. W. Buker.
- Fairfield Co., Conn., March 15th, 1931.
Your treatment and the goods I received have been very satisfactory.
Miss Edla Stahlin.
- Essex Co., Mass., June 14th, 1931.
The trees and berries are doing fine.
Geo. F. Ramsey.
- Cheshire Co., N. H., May 15th, 1931.
Plants bought of you last year were fine growers and yielded good crops.
Harry A. Tolman.
- Windsor Co., Vt., May 8th, 1931.
I am very much pleased with the fruit trees and shrubs you have sent me. They are fine specimens. Thank you for sending such splendid stock.
Mrs. Fred Harmon.
- Bedford Co., Pa., May 21st, 1931.
Many thanks for nice dahilla bulbs, received in fine shape.
Mrs. Joe Donahoe.



A Nice Dish of Aldrich Everbearing.



Jumbo Strawberry

Figure 5 shows young plant just potted. Figure 6 shows young runner plant in August. Figure 7 shows small bunch of transplanted plants. Figure 8 shows transplanted plant, earth clinging to roots. Figure 9 shows plant in pot.

Pot Grown Strawberry Plants

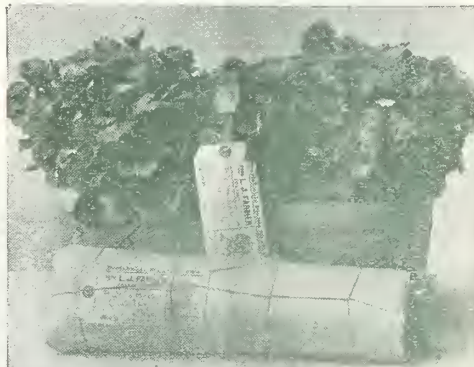
Transplanted Strawberry Plants

For Summer and fall of 1932. Orders for 100 plants may call for 4 kinds.

Ready in May, June, July and August

Name	Dozen	100	1000
✓ Aroma	\$1.00	\$6.00	\$50.00
✓ Big Joe	1.00	6.00	50.00
✓ Big Late	1.00	6.00	50.00
✓ Brandywine	1.00	6.00	50.00
✓ Bubach	1.00	7.00	60.00
✓ Campbell's Early	1.00	6.00	50.00
✓ Chesapeake	1.00	7.00	60.00
✓ Cooper	1.00	6.00	50.00
✓ Early Jersey Giant	1.00	7.00	60.00
✓ Early Market	1.00	7.00	60.00
✓ Gandy	1.00	6.00	50.00
✓ Glen Mary	1.00	6.00	50.00
✓ Haverland	1.00	6.00	50.00
✓ Horsey	1.00	7.00	60.00
✓ Jumbo	1.00	7.00	60.00
✓ Kellogg's Prize	1.00	6.00	50.00
✓ Kevitt's Wonder	1.00	6.00	50.00
✓ Lupton	1.00	6.00	50.00
✓ Marshall	1.00	7.00	60.00
✓ Mascot	1.00	7.00	60.00
✓ Missionary	1.00	6.00	50.00
✓ New York	1.00	6.00	50.00
✓ Ozark	1.00	6.00	50.00
✓ Parson's Beauty	1.00	6.00	50.00
✓ Premier	1.00	6.00	50.00
✓ Sample	1.00	6.00	50.00
✓ Senator Dunlap	1.00	6.00	50.00
✓ Blackmore	1.00	7.00	60.00
✓ Red Gold	1.00	7.00	60.00
✓ Harvest King	1.00	7.00	60.00
✓ Joe Crampton	1.00	7.00	60.00
✓ S. L. Champion	1.00	6.00	50.00
✓ The Best	1.00	7.00	60.00
✓ Wm. Belt	1.00	6.00	50.00
✓ Champion Everbearing	1.00	7.00	60.00
✓ Mastodon	1.25	7.00	60.00
✓ Berri-Supreme	1.50	8.00	75.00
✓ Aldrich Everbearing	1.50	8.00	75.00

These are ordinary layer strawberry plants which have been re-set or transplanted several times and when taken up, like transplanted tomato or cabbage plants, are harder than ordinary plants and will grow and do much better than the regular plants just dug from the fields. The transplanting seems to check their growth for the time being and when they are finally set out, they do better than field grown plants, having largely recovered from the "shock" which plants always get in ordinary transplanting. It requires a good deal of work to do this properly and this is why our transplanted strawberry plants cost more than ordinary plants. As with many other features of our business, we are pioneers in offering "Transplanted" strawberry plants, no other firm offering them.



Handy Packages for Shipping Plants

The illustration shows two commonly used packages of ours, the small hundle and the market basket. Most

of our orders are shipped in the two styles of packages. Larger orders of these plants are shipped in cartons and wooden crates and boxes. Trees and other things that are of the right shape are packed in hundles and protected with hurlap and flag. We get out our own moss from swamps near by and use plenty of it, so our goods arrive in the best condition. Our packers are unexcelled in skill. "The best packing we ever saw," is the frequent comment of customers.

Armstrong Co., Pa., May 20th, 1931.
The 1,000 raspberry and blackberry plants are doing well and we received asparagus some days ago. Wish to thank you for your promptness in handling previous orders. Will be glad to recommend you to others.
R. V. Whitman.
Mercer Co., Pa., June 22nd, 1931.
I want to thank you for sending the raspberry and strawberry plants so promptly.
E. V. Coleman.

Allegany Co., Pa., 6-12-31.
The blackberry and elderberry plants were O. K.
Daniel Harrison.

Luzerne Co., Pa., May 15th, 1931.
Last year I got a Kesters and Green Spruce of you. They are doing fine.
Mrs. John W. Lozo.

Beginners Strawberry Collection

25 Premier 25 Dunlap
*25 Mastodon 25 S. L. Champion
Catalog Price \$2.35. Collection Price, \$2.00
*If soil is light, substitute Champion Everbearing.

Beginners Strawberry Collection for Market

250 Premier *250 Mastodon
250 Dunlap 250 Kevitt's Wonder
250 S. L. Champion 250 Glen Mary
Special Collection Price, \$17.00

L. J. Farmer's Favorite Strawberry Collection

25 Early Jersey Giant 25 Ridgway
25 Campbell's Early 25 Mascot
25 Joe Crampton 25 Aldrich
Everbearing
Catalogue Price, \$5.75
Special Collection Price, \$4.50

Farmer's High Class Market Strawberry Collection

250 Early Market 250 Chesapeake
250 Early Jersey Giant 250 Kellogg's Prize
250 Marshall 250 Aldrich
Everbearing
Special Collection Price, \$29.00



Plants of Berri Supreme, photographed Oct. 20, 1930. Young runner-plant in center.



Plate of "Chief" Raspberries

RASPBERRIES

Make the rows for red raspberries 5 to 6 feet apart, for black raspberries 6 to 7 feet apart and for purple raspberries 7 to 8 feet apart. The plants may be set from 1 to 3 feet apart in the row. Do not set black or purple varieties near red varieties, put them on opposite sides of the garden. Our raspberry plants are twice inspected each year and certified as free from diseases.

Redpath or Latham. This variety originated in the hardy climate of Minnesota and is now being set more largely than any other variety for market purposes, thruout the United States. It seems to be entirely hardy and practically immune to diseases of all kinds. The plants are very vigorous and productive, and the berries are very large, firm and attractive. It is not of the highest flavor, but very good and sells better than any other variety in market. Very few people appreciate quality in fruits and until they do, such varieties as Redpath will bring to the grower more money than the finer flavored kinds. We have a fine stock of plants. Price, No. 1 sucker plants, 15c each; 75c per 10; 25, \$1.25; 100, \$4.00; 1,000, \$30.00. Medium size sucker plants, 10c each; 10 plants, 65c; 25, \$1.00; 100, \$3.00; 1,000, \$20.00. Transplants, 2 yrs. old 20c each; 10 plants, \$1.50; 25, \$2.50; 100, \$7.50; 1,000, \$50.00.

Cuthbert. The old standby and favorite for home use, where quality and flavor is appreciated. Plants vigorous and productive. Berries large, deep dark red and of the finest flavor. A shortcake, made of these berries beats anything you ever ate. No. 1 sucker plants, 10c each; 10 for 50c; 25, \$1.00; 100, \$3.00; 1,000, \$25.00. 2 yr. Transplants 15c each; 10 for 75c; 25, \$1.50; 100, \$5.00; 1,000, \$40.00.

St. Regis. The most reliable and profitable very early red raspberry and the only Fall or Everbearing variety of any value that we have tried. The plants are bardy, vigorous and productive; the berries are medium size, firm, of good quality and ripen very early before Cuthbert and Redpath. Price, same as Cuthbert.

Viking. (New). Originated at Ontario Exp. Station, Canada, being a cross between Herbert and Marlboro. Canes tall and heavy and do not break with the heavy crop of fruit, almost free of pricklers. Fruit larger than Cuthbert, firm and carries well. Color bright, lively red, resembling Marlboro. Ripens early and brings highest prices in market. Highly recom-



A nice basket of Redpath Raspberries. Photo. Sept. 16th.

mended by the best Canadian authorities. Sucker plants, 15c each; 10 plants, \$1.00; 25, \$2.00; 100, \$6.00. 2 yr. Transplants, 20c each, 10 plants, \$1.50; 25, \$3.50; 100, \$12.00.

New Lloyd George. 20c each, 10 plants, \$1.50; 25, \$2.50; 100, \$7.50.

Early King. Very bardy, productive and very early, Price, same as Cuthbert.

New Red Raspberry "Chief." The outstanding new early red raspberry. Formerly known as Minnesota No. 223. A seedling of the Latham or Redpath, with many of its desirable qualities, but 10 to 12 days earlier and almost immune to mildew and mosaic diseases. Plant very hardy, stocky in growth and very productive. Canes distinctly reddish, not quite so tall but stockier than Latham. Fruit good size, roundish, bright attractive red. Flesh firm, juicy, medium sweet, quality high and does not crumble. Highly praised by Prof. Alderman, Chief of the Dept. of Horticulture, University of Minnesota, and his associates. A three year old field, at the Minnesota State Breeding Farm in 1929, yielded 294 crates to the acre. Price of plants, No. 1 sucker plants, 15c each; 10 plants \$1.00; 25 plants, \$2.00; 100, \$6.00; 1,000, \$50.00. Transplants 25c each; 10 plants, \$2.00; 25, \$4.00; 100, \$15.00.

Golden Queen. An albino of the Cuthbert, which it resembles in growth of cane and appearance of fruit, except that it is yellow or golden, while Cuthbert is red. It seems to be even more fine flavored than Cuthbert. In canning, we would mix Golden Queen with Redpath, the Golden Queen to impart the flavor and the Redpath to add the color, as Golden Queen does not look good when canned alone. Price 15c each; \$1.00 per 10; 25, \$1.50; 100, \$5.00. Transplants 20c each; \$1.50 per 10; 25, \$2.50; 100, \$7.50.

Count. New, from Canada. Price same as "Chief."

Dark Red or Purple Varieties

Columbian. The universal favorite for home use and markets where quantity is the main point. The canes are extremely vigorous; we have had them grow an inch and a quarter in diameter and higher than your head. The bushes are enormously productive, probably the most productive raspberry in cultivation. One has to learn to like them for fresh table use but when properly canned they are simply delicious, being preferred by a good many people to red raspberries. This is the raspberry that the average inexperienced person should plant for best results. Price, strong tip plants, 10c each; 10 plants, 75c; 25, \$1.25; 100, \$4.00; 1,000, \$30.00. (No Transplants.)

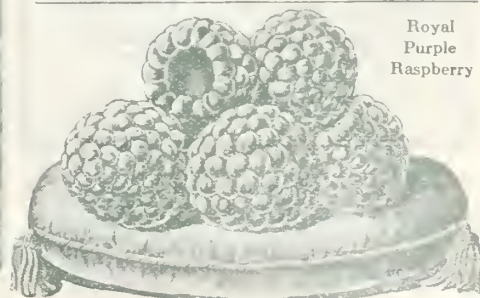
Royal Purple. This raspberry belongs to the dark red or purple class, like the Columbian. They are a hybrid of the red and black varieties and like most hybrids, larger and more productive. As compared to Columbian, the Royal Purple is a smaller cane, more like black cap raspberries, but just as productive as Columbian. The canes are a beautiful deep red color and almost thornless. One will not get his clothes torn in picking them. They will grow and thrive on heavier soil than Columbian. The canes are much more hardy, in fact, we never knew of their being winterkilled, which can not be said of some varieties. The berries are deep red or purple, very firm and the best of shippers and canners, being even more fine flavored after being canned than Columbian. One great advantage is that they are easily picked and the berry is not broken by pulling it off the stem. We now have a large fine stock of these plants. Price of sturdy tips, 15c each, 10 plants, \$1.00; 25, \$2.00; 100, \$5.00; 1,000, \$40.00.

Royal Purple. Transplants. 25c each; 10 plants, \$2.00; 25, \$4.00; 100, \$15.00.

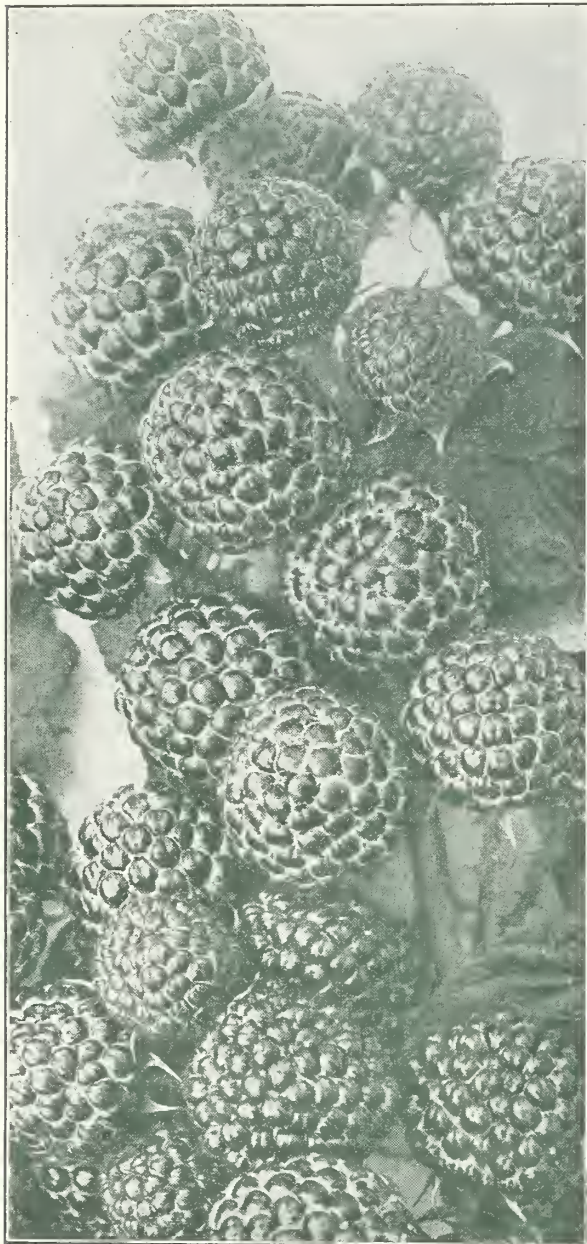
Herbert, Idaho, Early June, Victory, Utah. Price, same as Redpath.



A tempting dish of Cuthbert Red Raspberry, reduced one-half.



Royal Purple Raspberry



Blue Ribbon Raspberry

Family Raspberry Collection

25 Redpath 25 Columbian
25 St. Regis 25 Plum Farmer

Catalog Price, \$4.50 Collection Price, \$3.75

Price of Above Transplanted Plants:

Catalog Price, \$9.00 Collection Price, \$7.00

Quality Raspberry Collection

25 Golden Queen 25 Blue Ribbon
25 Viking 25 Royal Purple

Collection Price, \$6.00

Price, in Transplanted plants, \$12.00

Monmouth Co., N. J., Sept. 28th, 1931.
The Redpath raspberries you sent me four years ago are wonderful and most everyone who buys them say they are the finest they have ever seen.

F. Loomis.

Livingston Co., N. Y., July 29th, 1931.

Received strawberry and rasperry plants. Both lots were fine.

Vincent Tollis.

BLACK RASPBERRIES

Plum Farmer. The most popular black raspberry now before the public. Introduced by us over 25 years ago. It is now grown almost exclusively from the Atlantic to the Pacific. Canes clean healthy growers, vigorous and very resistant to disease. The berries are very large, thick meated, with few seeds. It ripens very early, producing its crop in a short time, thus making room for other varieties. When the leaves drop in the fall, the canes are of a beautiful silvery blue color. The fruit is grayish black. Price of good tip plants, 10c each; 10 for 50c; 25, 75c; 100, \$2.25; 1,000, \$18.00. Extra selected tip plants, 12c each; 10, 75c; 25, \$1.50; 100, \$4.00; 1,000, \$30.00. 2 yr. Transplants, 15c each; 10 plants, \$1.00; 25, \$2.00; 100, \$6.00; 1,000, \$50.00.

Blue Ribbon. The New Black Raspberry, originated only 15 miles from our place. We have been watching it for years. It is a chance seedling by Mr. F. L. Webster of Northern New York, about 10 years ago. So far as we can learn by observation and talk with those who are familiar with it, the Blue Ribbon is best described as a magnified Plum Farmer. The canes are about double the growth of the Plum Farmer and the berries are nearly twice as large. Being about twice as large a bush, with berries in proportion, it is therefore about twice as productive as that famous variety. This is our conclusion after having seen it in fruit several times. A few years ago, Mr. Webster sent out letters to nurserymen and large growers, asking them to come and see the new berry in hearing. We were among those who went to see it and we speak conservatively when we say that we were surprised at the vigor and productiveness as compared with the Plum Farmer which was growing by its side. We lost interest in the variety for a time as we understood it was sold to a Western Nursery Concern, but afterwards learned that, while the firm offered Mr. Webster \$15,000.00 to control the variety, he asked \$25,000.00 and the deal finally fell through. It is only recently that we have secured control of the berry and as the stock had been neglected, we have only a limited supply of good plants to offer as follows—

Strong tips 15c each; \$1.25 per 10; 25, \$2.50; 100, \$7.50-1000, \$60.00. Transplants, 25c each; 10 for \$2.00; 25, \$4.00; 100, \$15.00.

New Giant. Originated in Western New York. The bushes are giants; the canes growing large and tall. The fruit is said by those who claim to know to be larger and finer than any other black raspberry. We have not fruited it yet. 15c each; 10 plants, 75c; 25, \$1.25; 100, \$4.00; 1,000, \$30.00. Transplants, 20c each; 10 for \$1.25; 25, \$2.00; 100, \$6.00; 1,000, \$50.00.

Cumberland. A jet-black berry of good quality, largely grown in Pennsylvania and Michigan. Canes healthy, bardy and very productive. Price, same as Plum Farmer.

Logan Berry. Especially adapted for the Pacific coast and warm climates. No good in New York or the Eastern States. Transplants, 25c each; 10 plants, \$2.00; 25, \$4.00; 100, \$15.00.

Himalaya Berry. Fine for screen and barrage to keep marauders away from choice fruits, the bush being loaded with thorns so stiff and strong as to turn away the most persistent thief. It also bears an immense crop of roundish berries, of the blackberry type, which are just as good as ordinary blackberries for all purposes. Not entirely hardy in all sections, but I know of a bush that covers the entire gable end of a house and bears a bushel of fruit each season. Price, 10c each; 10 plants, 90c; 25, \$1.50; 100, \$5.00; 1,000, \$49.00. Transplants, 15c each; 10 for \$1.25; 25, \$2.50; 100, \$7.50.

Monroe Co., Mich., Oct. 13th, 1931.

The nursery stock was well packed. The strawberry plants were in good condition, the raspberries had splendid, healthy roots. I am satisfied.

Alfred J. Eber.

Albany Co., N. Y., June 15th, 1931.

The Red Radiance rose plants are wonderful.

Frank P. Lotz.

Columbia Co., N. Y., April 17th, 1931.

Order for fruit trees, berry plants, etc., sent you last week, has been received in excellent condition.

Frances L. Rathbone.

Nassau Co., N. Y., March 21st, 1931.

Previous shipment of trees received in good condition; fine stock.

W. T. Corbett.

Cattaraugus Co., N. Y., Aug. 8th, 1931.

The Senator Dunlap strawherries purchased of you this spring are looking fine.

Mrs. Frank L. Smith.

Monroe Co., N. Y., June 26th, 1931.

I have been picking the fruit this week from the plants which you furnished, as you may recall. The plants are beautiful and the berries, perhaps, the best I have ever seen, and that is going some, with so many years' experience handling (47 years).

E. H. Burson.



Typical Fruiting Branches of Plum Farmer Black Raspberry

Long Blackberries

Like most raspberries, long blackberries require well drained soil and do best in a partial shade. The rows should be made 7 to 8 feet apart, with plants 1 to 3 feet apart in the row. Our book, "Farmer on the Strawberry," price 50c, not only gives complete directions for growing strawberries, but has chapters on raspberry, blackberry, currant and gooseberry culture.

Varieties

Snyder. The standard blackberry for the North country. Canes are stocky, hardy, reddish in color, and very prolific. Berries medium to large, nearly round, firm and of good quality. Fine for pies or for canning. The flavor is much improved if the fruit is allowed to thoroughly ripen before being picked. The Snyder is largely grown for market in this locality. Prices, 10c each; 10 plants, 65c; 25, \$1.25; 100, \$3.00; 1,000, \$25.00. 2 yr. Transplants, 15c each; 10 plants, \$1.00; 25, \$2.00; 100, \$6.00; 1,000, \$50.00.

Eldorado. The standard of quality and excellence. Canes are half reclining, hardy and very productive. Berries very large, oblong, juicy, sweet and delicious. Best for home use and where flavor is appreciated. Price, the same as Snyder.

Taylor, Rathburn, Early Harvest, Ancient Briton. Price, same as Snyder.

Alfred. 15c each; 10 plants, \$1.00; 25, \$2.00; 100, \$7.50.



Ora Neil Blackberry

largest blackberries we have, and when picked in the basket, attract the greatest attention, selling readily when other blackberries are almost a drug. We have less than five hundred young plants to dispose of and those who buy now, will "Get in" on one of the best fruits ever sent out. Price, \$1.50 per single plant; 2 plants, \$2.50; 10 for \$10.00.

Albro. Price, same as Alfred.

Un-Named Blackberry Plants. We have from 50 to 100 thousand blackberry plants, mostly of Eldorado and Snyder, but of which we have lost the names. We offer them at a bargain. They will be well rooted plants, well dug. Price, strong sucker plants, 50c per 10; 25, 75c; 100, \$2.50; 1,000, \$20.00.



Lucretia Dewberry

Lucretia Dewberry. The dewberry sprawls on the ground each year, like other vines, and must be taken up and tied to stakes or trellis each spring before fruiting. The canes are cut away after fruiting to make room to tie the new set of canes the next spring. They are quite hardy and very fruitful if well cared for. The berries



Eldorado Blackberry

resemble blackberries in shape and color, but ripen much earlier, about the same time as early raspberries. They are not as rich in flavor as true blackberries, but sell better on account of large size, appearance and earliness. Whatever cultivation is done must be given early in the season before the new canes incubate the ground. We think they offer great possibilities to the careful painstaking grower. Price, 10c each; 10 plants, 65c; 25, \$1.25; 100, \$3.00; 1,000, \$25.00. 2 yr. Transplants, 15c each; 10 plants, \$1.00; 25, \$1.75; 100, \$5.00; 1,000, \$40.00.

Currants and Gooseberries

Both these fruits do best on heavy tenacious soils. Make the rows 5 to 6 feet apart and set the plants about 3 feet apart in the row. Keeping the currant worm from denuding the foliage, is the great problem in currant and gooseberry culture. Use Helleboro, Paris Green or Arsenate of Lead in Water and apply it freely just as the worms appear at the lower part of the bush. Wash and rinse fruit freely before using.

Varieties of Currants

Wilder. Probably more widely grown than any other currant. It was highly recommended by that great currant authority, the late S. D. Willard. The bush is very hardy and prolific of large bright red fruits. Price, 2 yr. plants, 20c each; \$1.50 per 10; \$10.00 per 100. Fruiting size, 3 to 5 years old, 30c each; \$2.25 per 10; \$15.00 per 100.

Fay's Prolific. Succeeds on lighter soils than other varieties. Price, same as Wilder.

White Grape. The best of the white varieties and the finest flavored of all currants, being especially adapted for fresh table use. Price, same as Wilder.

White Imperial. Price, same as Wilder.

Red Cross. Originated by the late Jacob Moore of Brighton. A better currant than Fay or Wilder in every way, and by many thought superior to Perfection. Price, 30c each; \$2.50 per 10; \$20.00 per 100.

Victoria. Price, same as Wilder.

Perfection. A seedling of the Fay and White Grape, combining the good qualities of both. It has won medals and diplomas wherever shown and we consider it the best of all the currants. Price, same as Red Cross.

Diploma. Another fine variety originated by Jacob Moore. It is considered superior to all others by many growers. Plants healthy and very productive, fruit large, attractive and easily picked. Price, same as Red Cross.

Minnesota No. 24 (New). 1 yr. 25c. 2 yr. 50c, each.

Varieties of Gooseberries

The Poorman Gooseberry. The New York Exp. Station unqualifiedly indorses the Poorman as the best paying and most valuable variety of gooseberry ever tried on the station grounds. We have received numerous letters from Western states praising its good qualities. The Illinois Exp. Station at Urbana, is highly recommending it to planters and we get numerous inquiries for plants from that section. The plant is a strong grower, with clean and healthy foliage. The fruit is large, good quality and deep red in color. The crop is enormous. 1 yr. plants, 25c; \$2.00 per 10; \$18.00 per 100. 2 yr. 40c each; \$3.50 per 10; \$25.00 per 100. 4-5 yr. old fruiting size plants, 60c each; \$5.00 per 10.

Josselyn or Red Jacket. A very large fruited variety of American origin. The fruit is dull red, smooth and fully three times as large as Houghton and larger than Poorman. Price, same as Poorman.

Carrie. Price, same as Poorman.

Chautauqua. Price, same as Poorman.

Houghton. The universal favorite for home use. The bushes are entirely hardy and produce an almost incredible amount of fruit. The berries are medium sized, pale red and of fine quality. Price, 2 yr. 25c each; \$2.00 per 10; \$18.00 per 100. 4 and 5 yr. plants, fruiting size, 35c each; \$3.00 per 10; \$27.00 per 100.

Downing. This is the most popular white variety and the best known in market of all gooseberries. The plants are stocky, very hardy and rugged, producing immense crops of pale green fruits, about 50% larger than Houghton. Price, 2 yr. 30c each; \$2.50 per 10; \$20.00 per 100. 4-5 yr., fruiting size, 45c each; \$3.75 per 10; \$30.00 per 100.

Family Currant Collection

- 1 Diploma
- 1 Red Cross
- 1 Perfection
- 1 White Grape
- 1 Wilder
- 1 Victoria
- 1 Fay's Prolific

Catalog Price, \$1.70. Collection Price, \$1.50
Extra Fruiting Size Bushes, 4-5 years old
Collection Price, \$ 2.25



Poorman Gooseberry

General List of Grape Vines

Prices given are for No. 1, 2 year old vines. 1 year old vines will be supplied at two-thirds these prices and 3 year vines at 50%, or one-half additional to the prices of 2 year vines. For instance, 2 year old Concord are 25c each. 1 year olds will therefore cost 16 2-3 cents each and 3 year olds 37 1-2 cents each. These vines are strictly A No. 1, in every respect.

BLACK GRAPES

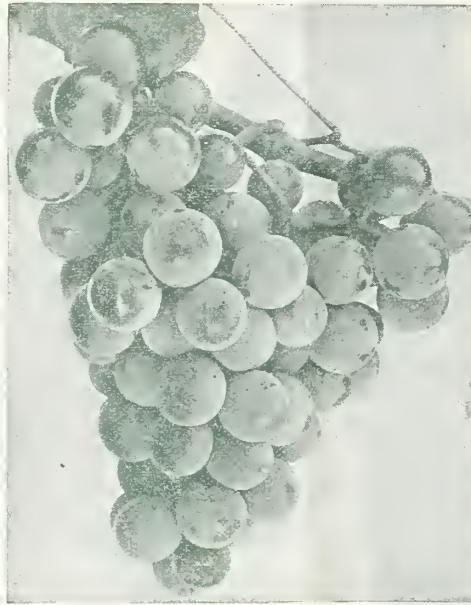
	Each	Per 10	Per 100
August Giant.....	\$.40	\$3.50	\$27.00
Bacchus.....	.35	3.00	23.00
Barry.....	.40	3.50	27.00
Beta.....	.30	2.50	20.00
Campbell's Early.....	.40	3.50	27.00
Champion.....	.35	3.00	17.00
Clinton.....	.35	3.00	17.00
Concord.....	.25	2.00	15.00
Cottage.....	.35	3.00	23.00
Early Daisy.....	.40	3.50	27.00
Early Ohio.....	.60	4.50	40.00
Early Victor.....	.35	3.00	20.00
Eaton.....	.35	3.00	27.00
Fredonia.....	.75		
Hartford.....	.35	3.00	20.00
Herbert.....	.35	3.00	23.00
Hubbard.....	.40	3.50	30.00
Isabella.....	.35	3.00	20.00
Ives.....	.35	3.00	17.00
Janesville.....	.35	3.00	20.00
Merrimac.....	.50	4.00	35.00
Moore's Early.....	.30	2.50	20.00
Mills.....	.50	4.00	35.00
Norton's.....	.50	4.00	35.00
Sheridan.....	.75		
Telegraph.....	.35	3.00	23.00
Wilder.....	.35	3.00	23.00
Worden.....	.30	2.50	20.00

WHITE GRAPES

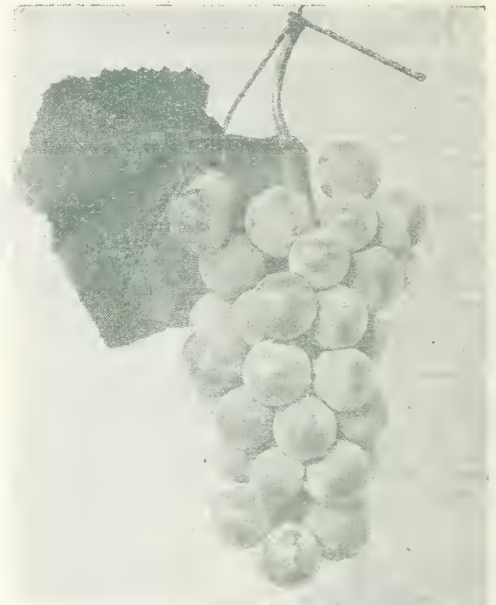
	Each	Per 10	Per 100
Brocton.....	\$1.00		
Diamond.....	.30	\$2.50	\$20.00
Duchess.....	.30	2.50	23.00
Elvira.....	.35	3.00	27.00
Etta.....	.35	3.00	27.00
Green Mountain.....	.50	4.50	40.00
Hayes.....	.50	4.50	40.00
Jessica.....	.35	3.00	23.00
Martha.....	.35	3.00	23.00
Missouri Reissling.....	.35	3.00	20.00
Niagara.....	.30	2.50	18.00
Ontario.....	.60		
Pockington.....	.30	2.75	26.00
Portland.....	.50	4.00	35.00
Rommel.....	.35	3.00	27.00

RED GRAPES

	Each	Per 10	Per 100
Agawam.....	\$.30	\$2.50	\$17.00
Amber Queen.....	.40	3.50	27.00
Brighton.....	.30	2.75	26.00



Caco Grape



Portland Grape

RED GRAPES

	Each	Per 10	Per 100
Brilliant.....	.40	3.50	27.00
Caco.....	.60	5.00	40.00
Catawba.....	.30	2.50	17.00
Champagne.....	.60	5.00	45.00
Delaware.....	.35	3.00	27.00
Diana.....	.35	3.00	20.00
Dracut Amber.....	.35	3.00	23.00
Dunkirk.....	1.00	9.00	
Gaertner.....	.35	3.00	27.00
Goethe.....	.35	3.00	27.00
Iona.....	.40	3.50	27.00
Jefferson.....	.60	5.00	45.00
Lindley.....	.30	2.50	17.00
Lucile.....	.35	3.00	20.00
Lutèce.....	.35	3.00	20.00
Massasoit.....	.35	3.00	23.00
Moyer.....	.35	3.00	23.00
Perkins.....	.35	3.00	23.00
Regal.....	.40	3.50	30.00
Salem.....	.35	3.00	20.00
Urbana.....	1.00		
Vergennes.....	.35	3.00	20.00
Woodruff Red.....	.35	3.00	23.00
Wyoming Red.....	.35	3.00	23.00

... GRAPES ...

The grape requires a sunny location, so it is preferable to plant on the south side of buildings, fences or trellises. A grape vine is as useful as any other vine in screening out unsightly objects. The earlier and hardier varieties will ripen in most any section. Grapes seem to thrive best in soil that is rich, mellow and well drained. Plant the vines 6 to 10 feet apart each way, preferably the latter distance.

In pruning grape vines, one should bear in mind that the fruit is borne on new green wood that grew from buds on last year's wood. When the vines are set, they should be cut back to within two or three buds from the root. Every year in November, or very early in the spring before the sap has started, they should be pruned freely. The object in pruning should be to get rid of as much old wood as possible without sacrificing too much of the new. In doing this, the old cane is kept cut back so that the new canes originate as near the ground as possible. The new canes that are left are then cut back at least one-third of their length. This allows plenty of space for the new shoots to form where the fruit is produced. Several systems of pruning have been worked out for grapes and anyone who intends to make extensive plantings should procure a modern, up to date book on Grape Culture.

Varieties

The varieties that we list here are particularly adapted for the Northern states. Prices are for No. 1, 2 yr. old vines.

Portland. This new white grape originated at the Geneva, N. Y. Experiment Station, where it is considered the best early white grape for market. In bunch and berry it resembles the Niagara. The quality is excellent, and it ripens a few days earlier than the Green Mountain. The vine is a vigorous grower and very productive. Price, 50c each.

Fredonia. The best early black grape now grown, not excepting Moore's. Berries large, juicy and sweet, borne in large, compact clusters. The fruit is covered with a blue bloom which renders the bunches very attractive. Earlier than either Moore's Early or Champion. Price, 75c each.

Ontario. Another new white grape originating at N. Y. Exp. Station at Geneva. It is a seedling of Diamond crossed with Green Mountain and follows Portland very closely in ripening. An excellent blending of acid and sugar, hence the taste is sprightly and yet sweet. Vine a strong vigorous grower and very productive. Especially recommended for home use. Price, 60c each.

Urbana. A new red grape very closely approaching the best Vinifera varieties in that it is meaty, and the skin is more or less adherent to the flesh. In color it is very similar to Flame Tokay, except that it is more glossy. \$1.00 each.

Sheridan. Black, large, handsome bunch, ripening a few days after Concord. Fine quality and good shipper. 75c each.

Caco. A cross of Concord and Catawba, which retains the desirable qualities of both to a marked degree. Vine perfectly hardy, very vigorous and productive. Bunch good size, compact and of good form. Berry large, wine-red in color and of most excellent flavor, sweet and delicious. Ripens about with Concord. Claimed to be the finest in quality of all hardy grapes. Price 60c each.

Hubbard. Quality fine, having that sweet and delicious flavor approaching the European varieties. Seeds few and small, separating easily from the tender pulp. Skin thin and firm. Berries and bunch large and uniform in shape. Ripens about 10 days ahead of Concord. Having a finer quality, larger size, healthier foliage and earlier fruiting season than the Concord, and being as good a shipper and as strong a grower, the Hubbard is a much more desirable grape. Price, 40c each.

Green Mountain. Fruit yellowish white. About the earliest and most reliable of well known varieties for the North country. 50c each.

Lucile. This fine red grape ripens between Moore's Early and Niagara, an excellent trio of our colors—red, white and blue. A good market grape in the North on account of productiveness and hardiness. Price, 35c each.

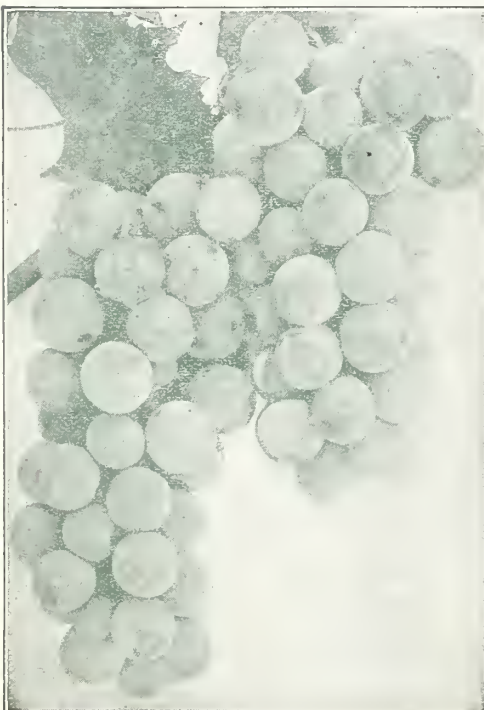
Catawba. The great wine grape. It is one of the best of keepers and is still delicious in midwinter when all others are gone. 30c each.

Delaware. Red fruit, excellent flavor. 35c each.

Worden. A blue-black grape with thin skin and very fine quality. 30c each.

Concord. The grape for the millions. More grown than all other varieties combined. Jet black. 25c each.

Niagara. The most popular white grape and by many preferred to any other for eating fresh. 30c each.



Hubbard Grape

Farmer's Favorite Grape Collection

- ✓ 1 Worden, blue
 - ✓ 1 Lucile, red
 - ✓ 1 Niagara, white
 - ✓ 1 Moore's Early, black
 - ✓ 1 Diamond, white
 - ✓ 1 Concord, black
- Catalog Price, \$1.80.
Collection Price, \$1.50

Choice Grape Collection

- ✓ 1 Ontario, white
 - ✓ 1 Fredonia, black
 - ✓ 1 Caco, red
 - ✓ 1 Sheridan, black
 - ✓ 1 Portland, white
 - ✓ 1 Hubbard, black
- Catalog Price, \$3.60.
Collection Price \$2.75.

FARMER'S FRUIT TREES

ARE THE VERY BEST

Propagated from bearing trees in Commercial Orchards. Grown on rich, loamy soil with thorough tillage.



The Oswego Apple

Oswego. A distinct improvement over the Northern Spy, originated in Oswego County, New York, and introduced by us several years ago. Distinguished by its delightful flavor which equals its parent, the Northern Spy, and also by its clear, deep red color, even more attractive than the McIntosh. The typical fruit is as large or larger than the Northern Spy, but is more conical in shape. The flesh is firmer, making it a better keeper. We have kept specimens of the fruit until mid-summer in perfect condition. The young trees are vigorous growers and never show any signs of winter injury. It is an early and persistent bearer, and very productive. We recommend the Oswego as the best winter apple. Prices: 3 yr. trees medium 75c each; \$6.50 per 10; Dwarf Oswego \$2.00 each.

Oregon. Price, 3½-5 ft., 75c each; \$6.00 per 10.

Harmon Sweet. Price, 3-5 ft., 75c each; \$6.00 per 10.

SUMMER APPLES

Early Harvest, Early McIntosh, Early Strawberry, Golden Sweet, Red Astrachan, Sweet Bough, Williams' Early Red, Yellow Transparent.



The Bartlett Pear

AUTUMN APPLES

Bailey Sweet, Duchess, Fall Pippin, Fameuse, Gravenstein, Greasy Pippin (Ortley), Grandmother's Pic Apple (Rib. Pippin), Pound Sweet, Red Gravenstein, St. Lawrence, Twenty Ounce, Wealthy, Wolf River.

WINTER APPLES

Baldwin, Ben Davis, Cortland, Delicious, Gano, Golden Russet, Grimes Golden, Hubbardston's Nonesuch, Jonathan, King of Tompkins Co., Maiden Blush, M. B. Twig, Opalescent, Red Spy, McIntosh Red, N. W. Greening, Northern Spy, Rhode Island Greening, Rome Beauty, Roxbury Russet, Rambo, Stark, Staymen's Winesap, Smokehouse, Spitzburgh, Sutton Beauty, Tolman Sweet, Wagener, Winesap, Winter Banana, Yellow Belleflower, York Imperial.

CRAB APPLE

Hyslop and Transcendent.

Prices of Farmer's

Standard Apple Trees

All Varieties Except Oswego, Oregon and Harmon Sweet.

Price	Large 5-7 ft.	Medium 3½-5 ft.
Each.....	\$.60	\$.45
10, at.....	5.50	3.50
100.....	45.00	25.00
Extra Large, Transplanted Trees, 3 and 4-yr., \$1.00 each; \$9.00 per 10.		

APPLE SCIIONS FOR GRAFTING

We can supply the scions of the most popular varieties of apples at 40c per 10; \$2.50 per 100. Oswego, Oregon, Harmon Sweet, St. Lawrence, McIntosh and Cortland, 50c per 10; \$3.00 per 100.

GRAFTING WAX

Made of the very best materials by a firm that has specialized in it for years. We have found this wax to be very satisfactory. Price: ¼ lb., 30c; ½ lb., 45c; 1 lb., 75c.

PEAR TREES

ON FRENCH STOCK

Summer Varieties. Bartlett, Clapp's Favorite and Wilder.

Autumn Varieties. Buerre Bosc, Buerre de Anjou, Duchess (Duchess d'Angouleme), Flemish Beauty, Lincoln, Seckel, Sbedlon, Worden-Seckel, Vermont Beauty.

Winter Varieties. Kieffer, Lawrence, Winter Nellie.

Price of Farmer's Standard Pear Trees—Large, 5-7 ft., 80c each, \$7.50 per 10; \$55.00 per 100.

STANDARD PEAR COLLECTION

4 Full Size, 2-year Trees, 5-7 Feet

- 1 Bartlett
- 1 Seckel
- 1 Clapp's Favorite
- 1 Anjou

Catalog Price, \$3.20

Collection Price, \$3.00.

PLUM TREES

ON FRENCH MYROBOLAN STOCK

European Varieties. Bradshaw, Feltenberg (Italian Prune), German Prune, Geuil, Grand Duke, French Prune, Imperial Gage, Lombard, Pond's Seedling Monarch, Niagara, Reine Claude (Green Gage), Shipper's Pride, Shro Shropshire-Damson, Yellow Egg, York State Prune.

Japanese Varieties. Abundance, Burbank, Climax, Red June, Satsuma, Wickson.

Price of Farmer's Plum Trees—Large, 5-7 ft., 80c each, \$7.50 per 10; \$55.00 per 100.

PLUM TREE COLLECTION

4 Full Size, 2-year Trees, 5-7 Feet
 1 Burbank 1 Bradshaw
 1 German Prune 1 Lombard
 Catalog Price, \$3.20—Collection Price, \$3.00.

CHERRY TREES

ON FRENCH MAZZARD STOCK

Sour Varieties. Early Richmond, English Morello, Montmorency, Olivet, Ostheime. Price, **Sour Cherries**—Large, 5-7 ft., 80c each; \$7.50 per 10; \$55.00 per 100.

Sweet Varieties. Bing, Black Tartarian, Governor Wood, Lambert, Napoleon, Schmidt's Bigarreau, Windsor, Yellow Spanish. Price, **Sweet Cherries**—Large, 5-7 ft., 90c each; \$8.00 per 10.

CHERRY TREE COLLECTION

4 Full Size, 2-Year Trees, for \$3.35
 1 Black Tartarian 1 Montmorency
 1 Napoleon Big 1 Early Richmond
 Catalog Price, \$3.40—Collection Price, \$3.10.

PEACH TREES

Varieties. Belle of Georgia, Carman, Champion, Crawford Early, Crawford Late, Elberta, Greensboro, J. H. Hale, Rochester, Ray, Smock, Yellow St. John.

Price of Peach Trees, Extra Large 4-5 ft., 60c each; \$5.00 per 10; \$35.00 per 100. 3-4 ft., 50c each; \$4.50 per 10; \$30.00 per 100.

BARGAIN PEACH COLLECTION

4 Full Size, 4-5 Ft. Trees, All for \$1.95.

- 1 Greensboro
- 1 Crawford Early
- 1 Rochester
- 1 Elberta

Catalog Prices \$2.60—Collection Price, \$1.95.

APRICOT TREES

Varieties. Alexander, Harris and Moorpark. Price: Large, 2-year trees, well branched, 80c each; medium, 2-year trees, 60c each.

QUINCE TREES

Varieties. Champion, Bourgeat, Meech's Prolific and Orange. Prices: 2 yr. 85c each; \$7.50 per 10. Extra heavy, 3-year trees, \$1.00 each; \$9.00 per 10.

IMPORTANT NOTICE

Special prices given in collections and elsewhere, apply only to Spring of 1932. They are not in force after June 1st, 1932.

For instance, we cannot supply the special strawberry, raspberry, etc., collections after the plants have been transplanted, at the collection price, but will have to ask full catalogue price after June 1st, 1932.



Montmorency Cherry



Greensboro Peach

FARMER'S DWARF FRUIT TREES

Bear Larger and Better Fruit Several Years Earlier Than Standard Trees and Require Less Space

Dwarf trees are extremely desirable for the home orchard, especially in the city or village garden where space is limited. The usual planting distance is 8 to 12 feet, but both dwarf apple, dwarf pear and plum trees may be set 4 to 5 feet apart in hedge rows.

Among the other important advantages is the early bearing habit. Some varieties will bear full sized fruits the second year after planting, and produce more fruit in a given space than standard trees. Many growers contend that the fruit is larger and averages better quality than that produced on standard trees. The low growing habit not only makes the dwarf tree convenient to reach and care for, but also it is possible to grow small fruits and vegetables in the same garden.

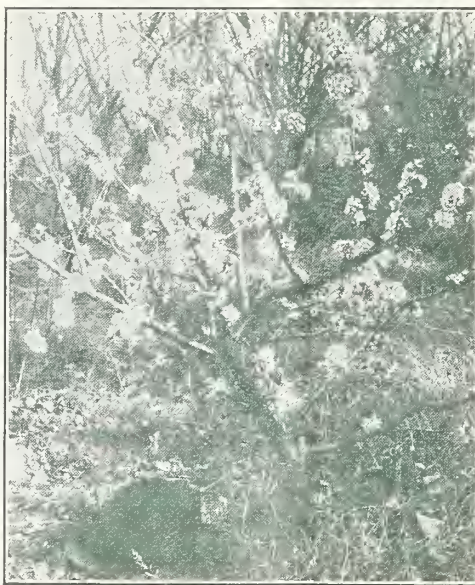
Dwarf Apples. Autumn Strawberry, Baldwin, Cortland, Delicious, Duchess, Early Harvest, Early Strawberry, Gravenstein, Golden Sweet, Grimes Golden, Gillyflower, King, La Fameuse (Snow), Maidens Blush, McIntosh Red, Northern Spy, Pippin, Pound Sweet, Red Astrachan, R. I. Greening, Rome Beauty, Roxberry Russett, Red Northern Spy, Stayman's Winesap, Sweet Bough, Sweet Delicious, Tolman Sweet, Twenty Ounce, Winter Banana, Wagener, Wealthy, Yellow Transparent.

Price of Farmer's Dwarf Apple Trees—3 Yr., 4-5 ft., well branched, 90c each; \$8.50 per 10. 2 Yr., 4-5 ft., 80c each; \$7.50 per 10.

Dwarf Oswego, \$2.00 each.

Dwarf Pears. Bartlett, Clapp's Favorite, Wilder Early, Lawrence, Sheldon, Duchess, Kieffer, Seckel, Vermont Beauty, Wilder, Worden-Seckel.

Price of Farmer's Dwarf Pear Trees—3-Yr., 90c each; \$8.50 per 10. 2-Yr., 4-5 ft., well-branched, 80c each; \$7.50 per 10.



Dwarf Burbank Plum in Bloom
Fine as an ornament and for fruit



Dwarf Apple Set Two Years

CHOICE COLLECTION

6 Dwarf Fruit Trees, Full 2-Year Size, \$4.25

Dwarf Apple Dwarf Pear

1 Yellow Transparent 1 Bartlett

1 McIntosh Red 1 Clapp's Favorite

1 Northern Spy 1 Duchess

Value, \$4.80—Special Price, \$4.25

DWARF PLUMS

We can supply a limited number of Dwarf Plum Trees in the following varieties, Abundance, Bradshaw, Burbank, German Prune and Yellow Egg.

Price: 3-Yr., \$1.50 each; \$12.50 per 10.

Visitors to Fragaria Nurseries should ask to see our small orchard of different varieties of Dwarf Apple, Pear and Plum Trees.

GARDEN ROOTS & VEGETABLE PLANTS

ASPARAGUS

Grow it in your garden and be sure it's fresh. The asparagus grown in the home patch has the real quality, and anyone who has not tasted it cannot fully appreciate this vegetable. Asparagus may look fine on the market bench, chances are it has traveled hundreds or thousands of miles to market and the quality is not there.

There seems to be a difference of opinion in regard to the best age plants to set. Some of the best authorities recommend 1-year roots; we have the best success with 2 and 3 and 4-year roots.

About 100 roots will supply the average family with fresh cut asparagus. Farmer's Essay on Asparagus Culture 10c or free to prospective purchasers of roots.

MARTHA WASHINGTON ASPARAGUS

The Rust-Resisting Martha Washington. This new variety introduced by the U. S. Dept. of Agriculture, is as near rust-proof as asparagus can be. It does fine for us; yields extraordinarily large crops and the individual shoots are large and well colored. Price, 1-yr. plants, 25 for 50c; 100 for \$1.25; 1000 for \$8.00. 2-yr. plants: 25 for \$1.00, 100 for \$2.00, 1000 for \$15.00. 3-yr. plants: 25 for \$1.25, 100 for \$3.00, 1000 for \$20.00. 4-yr. plants: 25 for \$1.50; 100 for \$3.50; 1000 for \$25.00.

Mary Washington. 1-yr. roots, 25 for 75c; 100 for \$2.00; 1000 for \$15.00. 2-yr. roots, 25 for \$1.50, 100 for \$3.50; 1000 for \$25.00.

OTHER VARIETIES

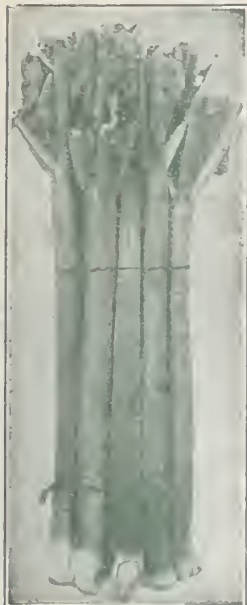
Palmetto, Reading Giant, Colossal, Barr's Mammoth, Columbian White, Donald's Elmira, Giant Argenteuil. Price, 1-year: 25, 50c; 100, \$1.25; 1000, \$8.00. 2-year: 25, 75c; 100, \$2.00; 1000, \$12.00. 3-year: 25, \$1.00; 100, \$2.50; 1000, \$20.00. Write for prices on large lots if you plan to make an extensive planting.



Martha Washington Asparagus



Dwarf Pear Set Two Years



Johnson Rhubarb

RHUBARB OR PIE PLANT

Rhubarb is the first vegetable to come in the early spring. If boxes or barrels are placed over them during the first few warm days, it will hasten the maturity so that you can cut the stalks a week or more earlier. If clumps are taken up with earth on the roots in the fall and allowed to freeze solid, and then placed in a dark part of the cellar, cuttings of fine rhubarb stalks can be made all through the winter. Rhubarb will grow in most any soil, but does best in a deep, rich loam which is top dressed each fall with rich manure. When the plants get old and root bound they should be replaced with new ones.

Linnaeus. A medium sized variety with reddish stalks of fine quality. Prices: 15c ea; \$1.00 per 10; \$6.00 per 100; \$50.00 per 1000.

Victoria. A large, pale green variety, good quality, with large leaves and stalks. Late and very productive. Prices: 20c each; \$1.50 per 12; \$10.00 per 100.

Johnson. This is a new variety we procured from the late Edw. Johnson, horticulturist, having been perfected by him. It is the largest, most vigorous and productive, as well as the finest flavored rhubarb in cultivation. It appears to be a cross of the Linnaeus and Victoria, retaining the reddish color and flavor of the Linnaeus and the large size and vigor of the Victoria. The stalks are very large, tender and of delicate flavor. We have a very large stock and have reduced the price. 20c each; \$1.50 per 10; \$12.00 per 100; \$100.00 per 1000. Selected, extra size roots, 25c each; \$2.00 per 10; \$15.00 per 100.

Rhubarb for Forcing. Extra large roots, 4 and 5 years old, for forcing in winter, 50% additional to the prices above.

HOLT'S MAMMOTH SAGE

Holt's Mammoth is different from the common sage, in that it never produces seeds, but multiplies by root divisions. Plants become a foot or more in height and 3 feet in diameter. The leaves are large and thick, and produced in enormous quantities. Culture: Set the plants in deep rich soil about 1 1/2 x 3 feet apart. Maintain thorough cultivation. If the plants are left in the same place from year to year, it is well to cut off the old tops each spring and encourage new growth. When they have attained full size the leaves should be picked by hand and spread thinly and evenly in a cool airy place to dry. When dry, they may be stored in heavy paper sacks. We supply the local markets with sage leaves of our own growing.

Sage Roots (Holt's Mammoth). 20c each; \$1.50 per 12; \$2.25 per 25; \$6.00 per 100; \$50.00 per 1000.

Dried Sage Leaves for flavoring, etc., 1 oz., 20c; 1/4 lb., 30c; 1 lb., 95c postpaid.



Sage Leaf



Axtell's Early Potatoes

POTATOES

Axtell's Early. A new potato of the Cobbler type. It is white, of the very best flavor, nearly round, with deep eyes, the sure sign of quality. Earlier and more productive than Cobbler, we think the best early potato we know. Some potatoes are good one year and poor the next; Axtell's Early is always a fine eating potato. 1 lb., 15c; pk., 75c; bu., \$2.50.

Irish Cobbler. This is the round white potato so much grown in the South for the early Northern markets. 1 lb., 15c; pk., 50c; bu., \$1.50.

Rural Russet. A late potato with a russety skin, large, oval, smooth, enormously productive. 1 lb., 15c; pk., 50c; bu., \$1.50.

Green Mountain. A fine quality potato, largely grown in many sections for late market.

Sir Walter Raleigh. An oblong, late variety popular in some sections. Very productive, fine quality.

Bugless. A late red potato of very fine quality, very productive and so vigorous a grower that the bugs have no effect on the foliage. If you plant Bugless, you are sure of potatoes every year.

Dooley. Large, round, medium early, white.

Woodruff. One week later than Cobbler, oblong, white, fine quality, valuable.

Early Rose. The old standby; price same as Cobbler. Above varieties same price as Cobbler.

NOTE: Prices on Seed Potatoes subject to change without notice.

NEW PURPLE POTATO

For free trial. See our Special Offer on page 26.

HORSERADISH ROOTS

Horseradish is in great demand in the early spring for flavoring meats, pickles and other foods. It is easy to grow in your home garden. Select a spot where the soil is rich and deep, and not likely to be plowed or disturbed for several years, for to do its best, horseradish should remain in the same place for years. Set the young roots pointed end down in rows 3 feet apart, with roots 1 foot apart in the row. Keep the weeds out for the first year and the horseradish will take care of itself. In digging, enough of the roots will remain in the soil to make provision for the future. For commercial field culture about 10,000 plants are required to the acre if set 1 x 4. It requires considerable skill to produce the large, fat roots that you see on the market, and we are glad to correspond with growers who plan to set a half-acre or so for market purposes. The new Bohemian variety is claimed to be far superior to the common horseradish. Prices: **Maliner Kren.** 50c per 25; \$1.50 per 100; \$10.00 per 1000.

Common Horseradish Roots. 25c per 25; 75c per 100; \$5.00 per 1000.

Grate your own horseradish. We supply fresh dug roots, full of "pep," any time, during the winter or early spring at 20c per lb., 5 lbs., 75c; 25 lbs., \$2.00.

- FAMILY BLACKBERRY COLLECTION**
 25 Snyder
 25 Ancient Briton
 25 Eldorado
 25 Lucretia Dewberry

Catalog Price, \$5.
 Collection Price, \$4.
 Transplanted plants in above:
 Catalog Price, \$7.75
 Collection Price, \$5.75

PULASKI OATS

The very best oats grown. We imported these from Sweden, the home of all the best oats and where most of the new varieties originate. It is claimed for this new oat that it surpassed all other varieties in strength of straw, yield per acre and weight per bushel at the government Experiment Station in Sweden. We have had them growing on our farm for two years and they surpass everything we have ever seen in oats. We paid a long price for our original seed, but we now offer them at the very moderate price of \$1.00 per bushel (32 lbs.), 10 bushels or more, 90c per bushel. When well grown, these oats weigh over 40 lbs. to the measured bushel.

CHINESE CINNAMON VINE

The Cinnamon vine grows from a tuber, much like a potato in its nature. The tuber is generally small at one end, where the eye is located, and larger at the other end. It is best to plant the large end down and to have the end having the eye about 3 inches below the surface of the soil. The vines grow rapidly and wind around string or other support, covering porches and other places where wanted. The leaves and vine are pretty, being glossy and ovate or V shaped.

It seems to be the most popular comparatively cheap vine that one can find. Pieces of tubers will grow, like cut potatoes. It is supposed to winter outside in most localities, but we recommend planting only in well drained places and putting a mulch over the roots to protect from the coldest weather of winter. The demand for these tubers has been enormous during the past few years and we have only just caught up with the demand. We have now a plentiful supply. When growing, the vine resembles that of the sweet potato.

PRICES OF CINNAMON TUBERS

1-year No. 1, 10c each; 3 for 25c; 7 for 50c; 15 for \$1.00; 100 for \$6.00.
 2-year, 20c each; 3 for 50c; 7 for \$1.00 15 for \$2.00; 100 for \$12.00.



Horseradish



Cinnamon Vine Tuber

Frost Proof Cabbage Plants

Our Frost-Proof Cabbage Plants can be set 4 to 6 Weeks Earlier than Home Grown Plants, and will Mature Heads 2 to 3 Weeks Earlier.

These plants are grown for us in South Carolina and Georgia, where conditions are ideal for the growth of hard, tough plants in the open field. The seed is sown from October to February and the plants grow slowly and in about two months are hard and stalky enough to ship to any part of the United States. They will stand a temperature of 20 degrees, and may be set in the open field much earlier in the spring than hot-bed plants. When set out these plants make a slow root growth, and when warmer weather comes are well established. They will then make a rapid growth, and will mature very early. The increased value of an early crop is worth many times the cost of the plants.

Frost-Proof cabbage plants should be set four to six weeks earlier than home grown plants. We can fill orders from December 1st to May 1st.

We Advise You to Order Early

Occasionally rainy weather delays shipments. We therefore advise that you send your orders in two weeks before you will need the plants.

Varieties: Early Jersey Wakefield, Charleston Wakefield, Copenhagen Market, Golden Acre, Succession and Early Flat Dutch.

Prices: By mail postage paid. Lots of 100 and 200 plants at 75¢ per 100 plants; 500 plants for \$2.25; 1000 plants for \$4.00.

By express, buyer paying express charges: 1000 to

4000 at \$2.25 per 1000; 5000 and over \$1.75 per 1000. Ex. shipments are packed 1000 and 2000 to the package and weigh about 20 lbs. to the 1000.

HOME GROWN CABBAGE PLANTS

Ready in May, June and July. Varieties: Golden Acre, Copenhagen Market, Danish Ball Head, Succession, Wakefield, Surehead, Late Drumhead, Fottlers Brunswick, Mammoth Rock Red, Winnigstadt, etc. 50¢ per 100; \$3.00 per 1000; \$20.00 per 10,000. If in need of a large quantity of cabbage or other plants, correspond with us for prices.

TOMATO PLANTS

Field Grown Plants. Ready in May and June. Varieties: Earliana, Stone, John Bear, Greater Baltimore, Bonny Best, Dwarf Champion, Marglobe, Matchless; Ponderosa, Golden Queen. Prices: 25, 50¢; 100, \$1.25; 1000, \$5.00.

Greenhouse Grown. 25, 65¢; 100, \$2.00; 1000, \$15.00.

SWEET POTATO PLANTS

Ready in May, June and July. Varieties: Jersey Red and Yellow, Vineland Bush, Red Bermuda, Jersey Big Stem Improved. Prices: 25, 50¢; 100, \$1.00; 1000, \$6.00.

CELERY PLANTS

Ready in May, June, July and August. Varieties: White Plume, Golden Self Blanching, Dwarf Golden Heart, Giant Pascal. Prices: Field Grown, 25, 35¢; 100, 75¢; 1000, \$3.50. Transplanted, from flats, 25 65¢; 100, \$1.75; 1000, \$12.00.

We make a specialty of late Celery and can quote low prices in large lots of plants.

CAULIFLOWER PLANTS

Ready in May, June and July. Varieties: Early Snowball, Dwarf Erfurt, Danish Giant, Dry Weather. Prices: 25, 50¢; 100, \$1.00; 1000, \$6.00.

PEPPER PLANTS

Ready in May and June. Varieties: Red Chili, Red Cayenne Bull Nose, Ruby King, Sweet Mountain. Prices: 25, 75¢; 100, \$2.00; 1000, \$15.00.

EGG PLANTS

Ready in May and June. Varieties: New York Improved, Black Beauty. Prices: 25, 75¢; 100, \$2.50; 1000, \$20.00.

FROST-PROOF ONION PLANTS

Our Frost-Proof Onion Plants are just as hardy as the Frost-Proof Cabbage Plants. We offer the two most popular varieties: White Bermuda and Yellow Bermuda. Prices on Onion Plants same as Cabbage Plants.

Franklin Co., Mass., Oct. 28th, 1931.

Plants came yesterday. If they do as well as your plants usually do, they will do well.

M. C. Nichols.

Crawford Co., Pa., Jan. 12th, 1931.

Enclosed is a picture of strawberry patch taken Aug. 27th from plants I got of you. I was well suited with plants. I have been in the berry business over 30 years and the plants I got of you started to grow quicker than any I ever got.

M. W. Wilson.

FARMER'S SEEDS ARE THE BEST

Sent postpaid, unless otherwise noted. We have selected the following varieties, as the best for the home garden

SWEET CORN

This year we are specializing on Sweet Corn. Let's all go to it and try to beat the borer.

Early Pickaninny. We secured our original seed of this variety from the Dominion Experiment Station at Ottawa. The stalks grow only about 18 inches to two feet high and therefore the rows can be planted quite closely in the garden, almost twice as thick as ordinary varieties of sweet corn. The ears are borne close to the ground, are short, well filled and of the very finest flavor, rich and delicious. Listed as the earliest true sweet corn in existence. Price for genuine seed, Packet, 10¢; ½ lb., 50¢; 1 lb., 75¢; 5 lbs., \$3.00.

Golden Gem. This is the earliest golden sweet corn in existence. We procured our original seed from the North Dakota Experiment Station. Like Early Pickaninny, it is dwarfish in growth and can be planted closely in the garden. It was fully as early as Pickaninny, with us, the past season. It is very productive and the flavoring is like Golden Bantam, sweet and delicious. Pkt., 15¢; ½ lb., 60¢; 1 lb., \$1.00; 5 lbs., \$3.00.

Extra Early Bantam. Fully 10 days earlier than regular Golden Bantam. Apparently just like it in all other respects. Pkt., 10¢; ½ lb., 25¢; 1 lb., 40¢; 5 lbs., \$1.75.

Maine Grown Bantam. The farther north sweet corn is grown the sweeter it is. Northern grown seed is also earlier in maturing. Pkt., 10¢; ½ lb., 25¢; 1 lb., 40¢; 5 lbs., \$1.75.

New York State Grown Bantam. Pkt., 10¢; ½ lb., 20¢; 1 lb., 30¢; 5 lbs., \$1.25; 1 bu. (50 lbs.), \$10.00.

Golden Bantam. Western grown. Pkt., 10¢; ½ lb., 15¢; 1 lb., 25¢; 5 lbs., \$1.00; 50 lbs., \$8.00.

Golden Evergreen and Stowell's Evergreen. Same source, same price as Western Grown Bantam.

Five Ears to the Stalk. Was developed by an Indiana grower. Stalks very tall growing and very productive, producing sometimes five ears to the stalk. Must not be planted close for best earing. Ears white, very tender and delicious. Very late and long standing. Packet, 10¢; ½ lb., 50¢; 1 lb., 75¢; 5 lbs., \$3.00.

Sweet Gold Standard No. 5. Pkt., 10¢; ½ lb., 25¢; 1 lb., 40¢; 2 lbs., 70¢; Not prepaid, 12 lbs., \$3.50; 50 lbs., \$12.50.

Bantam Evergreen. Pkt., 10¢; ½ lb., 20¢; 1 lb., 30¢; 2 lbs., 50¢; Not prepaid, 12 lbs., \$2.35; 50 lbs., \$9.00.

Deluge Golden Giant. Pkt., 10¢; ½ lb., 25¢; 1 lb., 35¢; 2 lbs., 60¢; Not prepaid, 12 lbs., \$2.50; 50 lbs., \$9.50.

BEANS

Improved Golden Wax. Pkt., 10¢; ½ lb., 30¢; 1 lb., 45¢; 2 lbs., 80¢.

Hodson's Wax. Same price.

New Stringless Green Pod. Pkt., 10¢; ½ lb., 25¢; 1 lb., 35¢; 2 lbs., 60¢.

Kentucky Wonder. Pkt., 10¢; ½ lb., 25¢; 1 lb., 35¢; 2 lbs., 50¢; Not prepaid, 1 pk., 15 lbs., \$7.00; 1 bu., \$11.50.

King of the Garden. Pole Lima. Pkt., 10¢; 1 lb., 40¢; Not prepaid, 3 lbs., 90¢; 10 lbs., \$2.60; 25 lbs., \$5.75.

BEETS

Farmer's New Acme. Pkt., 10¢; 1 oz., 15¢; ¼ lb., 40¢; ½ lb., 65¢; 1 lb., \$1.00; 10 lbs., \$9.00.

Detroit. Dark red. Same price.

Swiss Chard. Price same as Acme.

Large Ribbed or Silver. Pkt., 10¢; 1 oz., 15¢; ¼ lb., 30¢; 1 lb., 90¢.

CABBAGE

Gold Standard Danish Round Head. Pkt., 20¢; 1 oz., 75¢; ¼ lb., \$2.75; 1 lb., \$10.00.

Copenhagen Market. Pkt., 10¢; 1 oz., 30¢; ¼ lb., 90¢; ½ lb., \$3.25.

Glory of Enkhuizen. Pkt., 10¢; 1 oz., 30¢; ¼ lb., 85¢; 1 lb., \$3.00.

CARROTS

Danver's Half Long. Pkt., 10¢; 1 oz., 15¢; ¼ lb., 35¢; ½ lb., 65¢; 1 lb., \$1.10; 10 lbs., \$9.00.

Chanteney Half Long. Pkt., 10¢; 1 oz., 15¢; ¼ lb., 40¢; ½ lb., 70¢; 1 lb., \$1.25; 10 lbs., \$11.00.

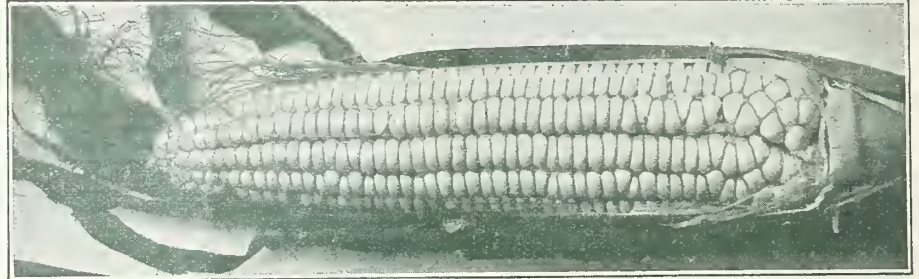
Gold Standard. Pkt., 10¢; 1 oz., 30¢; ¼ lb., 75¢; ½ lb., \$1.40; 1 lb., \$2.50; 10 lbs., \$22.50.

CUCUMBERS

Davis Perfect. Pkt., 10¢; 1 oz., 15¢; ¼ lb., 45¢; 1 lb., \$1.35; 10 lbs., \$12.00.

Extra Early White Spine. Pkt., 10¢; 1 oz., 15¢; ¼ lb., 35¢; 1 lb., \$1.00; 10 lbs., \$8.50.

Early Fortune. Pkt., 10¢; 1 oz., 15¢; ¼ lb., 40¢; 1 lb., \$1.10; 10 lbs., \$9.50.



Improved Long Green. Pkt., 10¢; 1 oz., 15¢; ¼ lb., 45¢; 1 lb., \$1.35; 10 lbs., \$12.00.

Early Cluster. Pkt., 10¢; 1 oz., 15¢; ¼ lb., 35¢; 1 lb., \$1.00; 10 lbs., \$8.50.

ENDIVE

Broad Leaved Batavian. Pkt., 10¢; 1 oz., 20¢; ¼ lb., 45¢; 1 lb., \$1.35.

LETTUCE

Farmer's Black Seeded Simpson. Pkt., 10¢; 1 oz., 15¢; ¼ lb., 55¢; 1 lb., \$1.60; 10 lbs., \$15.00.

Gold Standard. Pkt., 15¢; 1 oz., 35¢; ¼ lb., \$1.25; 1 lb., \$4.00; 10 lbs., \$37.50.

MUSKMELON

Bender's Surprise. Pkt., 10¢; 1 oz., 20¢; ¼ lb., 80¢; 1 lb., \$2.60; 10 lbs., \$22.50.

WATERMELON

Kieckley's Sweet or Monte Christo. Pkt., 10¢; 1 oz., 15¢; ¼ lb., 25¢; 1 lb., 70¢.

ONIONS

Farmer's Gold Standard. Pkt., 10¢; 1 oz., 30¢; ¼ lb., 85¢; 1 lb., \$3.25; 10 lbs., \$30.00.

PARSLEY

Extra Double Curled. Pkt., 10¢; 1 oz., 15¢; ¼ lb., 30¢; 1 lb., 80¢.

PARSNIP

Large Sugar or Hollow Crown. Pkt., 10¢; 1 oz., 15¢; ¼ lb., 25¢; 1 lb., 65¢.

PEAS

We are also specializing in peas this year.

Alaska. This is the earliest pea we have ever grown. It grows 2 feet high. It can be picked and used at least a week before any wrinkled pea we have ever grown, and being very hardy, is not so liable to rot and fall to sprout if unfavorable weather comes after planting. When the peas are about half grown, they are as delicious as any pea grown, but must not be allowed to fill out the pod, as they become mealy and tasteless. Pkt., 10¢; ½ lb., 25¢; 1 lb., 35¢; 2 lbs., 60¢; Not prepaid, 14 lbs., \$2.50; 56 lbs., \$9.00.

Little Marvel. This is probably the very best of the dwarf growing wrinkled peas. The vines grow only about 1 foot high and are loaded with nice large pods which are always borne in pairs. The flavor is very delicious and the vines are very productive. A great improvement over Nott's Excelsior and American Wonder. Pkt., 10¢; ½ lb., 25¢; 1 lb., 45¢; 2 lbs., 80¢; 14 lbs., \$3.50; 1 bu. (56 lbs.), \$12.00.

Thomas Laxton. Grown largely for market. Pods nearly as large as the Telephone. Grows 3 feet. Nearly as early as Little Marvel. Price, ½ lb., 25¢; 1 lb., 40¢; 2 lbs., 70¢; 14 lbs., \$2.50; 56 lbs., \$9.00.

Telephone (Alderman). The most popular market pea. Rather late, but when it comes on the market nothing can stand before it. Pods often 6 inches long and of deep green color. Grows 4 feet high. Prices same as Thomas Laxton.

PUMPKIN

Small Sugar or Pie. Pkt., 10¢; 1 oz., 15¢; ¼ lb., 25¢; 1 lb., 75¢; 10 lbs., \$6.50.

Genuine Mammoth. Price same as Small Sugar.

RADISH

Early Scarlet Globe. Pkt., 10¢; 1 oz., 15¢; ¼ lb., 35¢; 1 lb., \$1.05.

Scarlet Turnip, White Tipped. Pkt., 10¢; 1 oz., 15¢; ¼ lb., 35¢; 1 lb., \$1.00; 10 lbs., \$8.50.

Early Deep Scarlet Turnip. Price, same as above. Price, same as above.

SALSIFY OR OYSTER PLANT

Sandwich Island. Pkt., 10¢; 1 oz., 25¢; ¼ lb., 75¢; 1 lb., \$1.60; 10 lbs., 14.00.

SPINACH

Bloomsdale Savoy Leaved (Norfolk). The best Spinach for market. 1 oz., 10¢; ¼ lb., 20¢; 1 lb., 50¢; 10 lbs., \$4.00.

New Zealand. Best for home use. Fine for summer use and canning. Pkt., 10¢; 1 oz., 20¢; ¼ lb., 40¢; 1 lb., 95¢; 10 lbs., \$7.25.

SQUASH

Early Summer Crookneck. Pkt., 10¢; 1 oz., 15¢; ¼ lb., 35¢; 1 lb., \$1.25; 10 lbs., \$10.00.

Improved Green Hubbard. Pkt., 10¢; 1 oz., 15¢; ¼ lb., 35¢; 1 lb., \$1.35; 10 lbs., \$11.00.

TURNIP

Purple Top White Globe. Pkt., 10¢; 1 oz., 15¢; ¼ lb., 25¢; 1 lb., 65¢; 10 lbs., \$5.50.

Improved American Purple Top Ruta Baga. Price, same as above.

Columbia Co., N. Y., June 6th, 1931.

We received our recent order from you in fine condition. B. F. Phillips.

Northumberland Co., Pa., June 3rd, 1931.

In landscaping the grounds about our recently built house, we have found the stock from Fragaria Nurseries more hardy and more easily started than from any other nursery.

Miss Helen Elizabeth Bloom.

Kennebec Co., Me., June 29th, 1931.

The plants I purchased from you the past spring are doing fine. A. W. Black.

Wayne Co., Mich., April 27th, 1931.

Received the plants and other stock, all in good shape. Thanks for quick action. F. W. Heinicke.

Cambria Co., Pa., 9-3-31.

The plants came through in fine shape. E. L. Phillips.

Colfax Co., N. M., April 10th, 1931.

We received both plants and trees all O. K. C. J. Hawkins.

CHOICE FIELD GROWN ROSES

Bargains in Best Grade of Roses

We have the following varieties in small surplus, and until our supply is exhausted, we will sell these No. 1. 2-year old, first class roses at 60c each, \$6.00 per 12. You can select as many kinds as are wanted, from this list, but orders, at these prices, must amount to \$5.00 or more, (orders may include other goods).

- Here is the complete list, 60c each; \$6.00 per dozen.**
Grus an Teplitz. Dazzling red.
Frau Karl Druschki. Best white.
Mrs. Calvin Coolidge. New. Golden yellow.
Talisman. Copper-yellow and orange-rose.
White Killarney. Beautiful white.
Matchless. New. Bronze and gold.
Souv. de Claudius Pernet. Clear yellow.
Columbia. Bright pink.
Hollywood. New. Shell pink.
American Beauty. Dark pink.

These roses, like our other first class stock, are two years old, field grown, first class in every respect. They will begin to bloom the latter part of June and continue almost uninterrupted, until heavy freezing weather. You cannot get better rose bushes, anywhere.

Field culture produces hardy, vigorous plants with well developed root systems. Taken from the field after the wood and bark have ripened naturally, they have stored-up energy, ready to produce a wealth of blossoms in a few weeks.

One satisfactory method of winter protection consists in mounding earth around each plant to a height of 8-12 inches. Then the surface should be mulched with 6 inches of coarse litter or straw.

Use A-1 Dust for Rose Aphid and Pomodust for Mildew and Black Spot. See prices elsewhere.



Paul's Scarlet Climber. The most popular red flower climber of the day. Flowers large, well shaped vivid red, brighter than crimson rambler. 2-year 60c; 3-year 75c; 4-year \$1.00 each.

New and Rare Roses

Chaplin's Pink Climber. A seedling of Paul's Scarlet Climber of which it is an exact replica. Blooms in clusters of 8 to 12 flowers. Clear pink with yellow stamens. 2-year, 75c; 3-year, \$1.00 each.

Mme. Gregoire Staechelin. Awarded John Cook medal for the most outstanding climber. Hardy vigorous grower, crimson buds opening to large, perfumed, pale pink flowers. 2-year, \$1.00; 3-year, \$1.25 each.

Le Reve. Flowers large, semi-double, vivid golden yellow, both in bud and open. Foliage dark and glossy. The long wanted, absolutely hardy, un fading yellow climber. 2-year, 75c; 3-year, \$1.00 each.

Primrose. Hardy yellow climber with double canary-yellow flowers in great profusion. Lighter shade than Le Reve and more double. Considered the most satisfactory climbing rose for the North. Much harder than Emily Gray. 2-year, 80c; 3-year, \$1.00 each.

President Herbert Hoover. Maroon, orange and gold, rioting in the most contrasting fashion. Long pointed buds, rigid stems and a continuous cropper. The largest and most beautiful formed Rose of the new color blends, flowers 5 to 6 inches across. 2-year \$1.25; 3-year, \$1.50 each.

Talisman. Its brilliant orange-red buds open to a large, fragrant, high pointed bloom of glowing golden yellow, stained with copper red and orange rose on the inside of the petal. It is the most magnificently colored flower we have ever seen and arouses astonishment and admiration everywhere. Plants vigorous and healthy. 2-year, \$1.00; 3-year, \$1.25 each.

Mrs. Pierre S. DuPont. The premier golden yellow, perfumed rose of Mme. Butterfly type. Hardy and continuous flowering. 2-year, \$1.50; 3-year \$2.00, each.

Syracuse. New, a seedling from Hadley. Scarlet crimson. Mildly fragrant. Plants husky growers. Blooms very double and last a long time. 2-year, \$1.50; 3-year, \$2.00 each.

Betty Uphrard. Copper-red buds and salmon-pink flowers stained with copper-pink on the inside. 2-year, 80c; 3-year, \$1.00 each.

Etoile de Hollande. Brilliant dark red, deliciously perfumed. Growth vigorous, upright. A rose with a great future. 2-year, 85c; 3-year, \$1.10 each.

Rev. F. Page Roberts. A gorgeous rose, developing to surpassing magnificence in size, color and fragrance. Golden yellow and cream in the inside of the flower, stained copper and dull red on the outside. 2-year, 90c; 3-year, \$1.25 each.

Mrs. E. P. Thom. Very vigorous, continuous bloomer of rich lemon yellow. Conceded to be superior to Souvenir de Claudius Pernet. 2-year, \$1.00; 3-year, \$1.25.

Dame Edith Helen. Strongly perfumed, pink, shaped like Francis Scott Key. Strong stems, blooms abundantly and very large. 2-year, \$1.00; 3-year, \$1.25.

E. G. Hill. Deep, velvety maroon. Frangrant, old rose perfume. New. 2-year, \$1.25, 3-year, \$1.50.

Miss Rowena Thom. Satiny pink, shaded with orange flame at the center. Very striking. 2-year, \$1.00; 3-year, \$1.25.

Charles K. Douglas. Flowers large, semi-double, brilliant light crimson, with scarlet undertone, free bloomer. 2-year, \$1.00; 3-year, \$1.25.

Autumn. New. Flower double, cupped, lasting, fragrant, burnt orange outside; buff and gold, streaked with red inside. Free bloomer. 2-year, \$2.00 each.

Dazla. New. Long pointed buds. Flowers nearly 6 inches across. Petals of brilliant brownish orange, large golden circle around stamens at base. 2-year, \$2.00.

Roslyn. New. Orange colored buds open to a full golden yellow bloom, deeper in center with orange splashing on back of petals. Free bloomer. 2-year, \$2.00.

Agnes. A yellow Rugosa. Flowers double, lasting, very fragrant. Amber, with deeper center. 2-year, \$1.25; 3-year, \$1.50 each.

Climbing Roses

Price, All Varieties, unless Otherwise Noted, 2-year No. 1, 50c; 3-year, 60c; 4-year, \$1.00 each.
American Pillar. Single rosy-pink in immense clusters.

Aviateur Bleriot. One of the best yellow climbers.
Bess Lovett. One of the very best of red climbers with flowers of Hybrid Tea size. Plant strong, foliage immune to disease. 2-year, 60c; 3-year, 75c each.

Climbing American Beauty. Rose-crimson.
Climbing Los Angeles. 2-year, 75c; 3-year, \$1.00.

Crimson Rambler. Deep crimson.
Dorothy Perkins. Shell-pink.

Dr. Van Fleet. Rich shell-pink.
Emily Gray. Very dependable yellow rambler.

2-year, 60c; 3-year, 75c each.

Excelsa (Red Dorothy Perkins). An intense crimson, with the edges of the petals a little lighter, produced in immense clusters.

Blue Rambler (Veitcheblau).
Gardenia. Buds bright yellow, flowers cream.

Hiawatha. Crimson, with white eye. Very effective.

Mary Lovett. Large, handsome flowers of pure wax-y-white; sweet scented. Resembles Dr. Van Fleet except in color.

Mary Wallace. Semi-double, rose-pink, salmon at base of petals. New.

Paul's Scarlet Climber. Vivid scarlet, shaded crimson.

Silver Moon. Silvery-white with yellow stamens.

Tausendschon (Tbusand Beauties). Varying colors from pure white to deep pink.

White Dorothy Perkins. Pure white.

Flower of Faithfield. Everblooming Crimson Rambler.

F. J. Grootendorst

"The Everlasting Carnation Rose"

Bright crimson flowers in clusters, double, with edges beautifully fringed, resembling carnations. Blooms produced continuously from early spring to frost. Foliage attractive, free from disease. An extremely hardy plant, valuable as a single specimen, and particularly adapted for hedges and mass plantings. Price strong 2-year plants, 60c each; \$5.50 per 10. 3-year, \$1.00 each; \$9.00 per 10.

Hugonis

"The Golden Rose of China"

Blooms Early in May, Three Weeks Before Other Roses

This native of China takes first place among the single flowered roses. Clear yellow, delicately fragrant flowers 2 1/4 inches across, borne so abundantly on gracefully arching branches as to form a continuous band of color. Foliage fine, pale green and distinct, on curious red-tipped twigs. Makes a symmetrical shrub about 6 feet wide and as high when matured. Hardy anywhere in America. 2-year, 60c; 3-year, \$1.00 each.

Moss Roses

Prices: 2-year, 75c; 3-year, \$1.00.

Blanche Moreau. Large, pure white, very fragrant.
Crested Moss. Very large, bright rosy-pink, moderately fragrant.

Henri Martin. The best red Moss Rose.

Dwarf Polyantha or Baby Ramblers

Varieties: **Echo**—pink; **Katherina Zeimet**—white; **Teschendorff**—carmine-red; **Grus an Aachen**—salmon-pink.

Price, All Varieties, 2-yr., 60c each; \$5.50 per 10.

Lady Reading. Light red, fine, a sport of Ellen Paulson.

Orleans. Light red, one of the best.
Ideal. Very deep rose.

Tri. de Orleans. An improved Orleans.
Ellen Paulson. One of the best pinks.

Edith Cavell. Bright crimson, white eye.
Orange Perfection. New double, orange colored flowers.



Frau Karl Druschki

Good Rose Bushes at 35c to 47c Each

We have a quantity of medium sized roses of most all varieties, which we offer at 47c each; 12 for \$5.00; 100 for \$35.00.

We can supply practically every variety of Climber or Rambler, Hybrid Tea, and Hybrid Perpetual, also Baby Ramblers, Rugosa and Hybrid Rugosa. If we run out of any variety ordered, we reserve the right to put in another, as near like the one ordered as possible. It must not be expected that these rose bushes at 47c, are equal to our 80c and \$1.00 roses, but they are healthy medium sized plants, true to name and will bloom the first year. Personally, we would prefer to invest what money we could spare for roses, in the best grade; but we realize that many people want roses who cannot afford the number they want in the higher priced grade.

Delaware Co., Pa., June 3rd, 1931.
 Tomato plants arrived in good shape.

Gertrude B. Smith.

Cuyahoga Co., Ohio, May 30th, 1931.

In August or September of 1928 I purchased some ever-bearing strawberry plants of you. This spring I have the most wonderful bed of berries you ever saw, some 500 or more of bearing hills.

Albert T. Bouck.

Jefferson Co., N. Y., May 28th, 1931.
 The strawberry bed which I set out a year ago is a mass of blossoms now and is looking fine.

Chas. E. Weaver.

Lancaster Co., Neb., May 25th, 1931.
 Received the Silver Lace vine this P. M. I wish to thank you for your kindness.

Mrs. D. M. Leaming.

Providence Co., R. I., May 25th, 1931.
 Today I received the order of plants in good condition.
 Mrs. J. I. Doxy.

The "Preferred" Dozen Roses

Twelve Selected Hybrid Tea Reses. Best Grade of Plants.

Margaret McGreedy	Mrs. Aaron Ward	Etoile de Hollande
Mrs. E. P. Thom	Talisman	Duchesse of Wellington
Dame Edith Helen	Betty Uprichard	Mme. Jules Bouche
E. G. Hill	Miss Rowena Thom	Charles K. Douglas

These roses represent the entire range of color and have definite qualities of vigor, health and flowering qualities to commend them. The very best collection we have ever offered and represent the result of years of research, backed by practical experience.

Two-year, field grown Hybrid-Tea, Everblooming Roses. Catalogue price, \$11.00. Collection price, \$8.50.



Everblooming Rose, Mrs. Aaron Ward

Hybrid Teas Bloom from June to Frost

Price, All Hybrid Teas, Unless Otherwise Noted, 2-Year No. 1, 75c each; 3-Year, 90c each.

Briarcliff. Silvery rose-pink. Best sport of Columbia.

Edel. Large; pure ivory-white; lovely globular form. A superb sort which should be in all white rose collections.

Independence Day. Flaming yellow buds, shaded copper and brown, opening to light orange-pink.

Killarney Queen. Cerise-pink; double and more distinct than either Killarney or Killarney Brilliant.

Lady Alice Stanley. Outside of petals coral-pink; inside pale flesh-pink. One of the best dependable roses for cutting.

Lady Ursula. Light pink merging to yellow base. Tremendous growth, and very free flowering.

Mme. Jules Bouche. Superb white flowers, shaded blush at center. Probably the best white bedding rose in the Hybrid Teas. 2-year, 80c; 3-year, \$1.00.

Mme. Leon Pain. Silvery flesh-pink, center yellow-orange. Exceeded in blooming by no rose of equal beauty.

Betty. Coppery-rose, overspread with golden yellow.

Columbia. Lively pink, shading darker at maturity.

Duchess of Wellington. Intense saffron-yellow, stained rich crimson, changing to deep coppery-yellow. 2-year, 80c; 3-year, \$1.00.

Etoile de Feu. Orange flame, changing to coral-pink. 2-year, 80c; 3-year, \$1.00.

Etoile de France. Velvety crimson, with cerise center.

F. J. Loomans. Deep orange yellow, veined and tinted apricot. 2-year, 80c; 3-year, \$1.00.

Francis Scott Key. Extremely double flowers of brilliant crimson, fragrant.

Frank Reader. Sweet-scented blooms of cream yellow with rich apricot center. 2-year, 75c; 3-year, \$1.00.

General McArthur. Brilliant, crimson-scarlet.

Golden Emblem. Rich deep golden-yellow.

Gruss an Teplitz. Scarlet, constantly in bloom.

Hadley. Velvety crimson.

H. V. Machin. Black-grained scarlet-crimson.

J. L. Mock. Outside of petals deep pink, inside silvery-rose.

Kaiserin Augusta Victoria. White; fine form.

Lady Ashtown. Shining pink shading to yellow.

Lady Hillington. Deep apricot-yellow.

Lord Charlemont. Vivid scarlet-rose. Does not fade. Splendid pointed buds. 2-year, 75c; 3-year, \$1.00.

Los Angeles. Luminous flame pink, toned coral, shaded translucent gold at base of petals.

Margaret McGreedy. Brilliant red and gold. 2-year, 80c; 3-year, \$1.00 each.

Mme. Butterfly. Bright pink, apricot and gold.

Mme. Caroline Testout. Rich pink.

Mme. Edouard Herriot. Coral-red, shaded yellow and scarlet.

Mme. Jules Bouche. White flowers, lightly tinted pink at center. Most dependable. 2-year, 80c; 3-year, \$1.00.

Miss Lolita Armour. Coral, golden and coppery-yellow.

Mrs. Aaron Ward. Yellow, sometimes shaded salmon and rose. 2-year, 80c; 3-year, \$1.00.

Ophelia. Salmon-flesh, shaded rose.

Radiance. Carmine-pink, yellow at base of petals.

Red Radiance. Dazzling crimson-scarlet.

Souvenir de Claudius Pernet. New, sunflower-yellow.

Souvenir de Georges Pernet. Brick-red buds opening terra-cotta pink.

Sunburst. Rich yellow, shaded coppery-orange.

White Killarney. Waxy-white.

William F. Dreer. Shell-pink, yellow at base.

Willowmere. Shrimp-pink, shaded yellow at center.

Hybrid Perpetual or June Roses

Price, All Varieties, 2-year, 75c; 3-year, 95c each.

Anne de Diesbach. Pink, long pointed buds.

Captain Hayward. Bright scarlet, large flowers.

Fisher Holmes. Magnificent reddish scarlet beneath a black, velvety sheen.

Frau Karl Druschki. The best white rose of any class. Almost a constant bloomer.

General Jacqueminot. Bright crimson. Very free blooming.

George Arends (Pink Frau Karl Druschki). The best clear pink rose.

Harrison's Yellow. Deep golden yellow.

Hugh Dickson. Large, brilliant scarlet blooms. Full and fragrant. Established plants almost everblooming.

Magna Charta. Rosy-pink, tinted carmine.

Margaret Dichson. White with flesh center.

Marshall P. Wilder. Crimson, full; extra large.

Mrs. John Laing. Soft pink, very fragrant. Blooms throughout season.

Paul Neyron. Pink, shading to rose.

Prince Camille de Rohan. Deep velvety maroon.

Soliel d'Or. Reddish-gold, shaded with orange.

Ulrich Brunner. Bright carmine-red, cup-shaped flowers. An old favorite.

Clio. Immense, flesh pink and white. Fragrant.

Persian Yellow. Old fashioned yellow rose.

George Dickson. Magnificent blackish scarlet.

Tree Roses

Climbers, 5-ft. stems	\$3.00 each
Climbers, 3-ft. stems	2.25 each
Hybrid Teas, 3-ft. stems	2.25 each
Hybrid Perpetuals, 3-ft. stems	2.25 each



Los Angeles Type Rose

Rugosa and Hybrid Rugosa Roses

Conrad F. Meyer. Large, double, clear silvery-rose flowers. Strong fragrance. 3-year, \$1.00; 2-year, 75c.

F. J. Grootendorst. Described on page 13.

Pink Grootendorst. Just like F. J. Grootendorst, but pink. 2-year, 75c; 3-year, \$1.00.

Red Japanese Rose (Rugosa Rubra). 2-year, 75c; 3-year, \$1.00 each.

White Japanese Rose (Rugosa Alba). 2-year, 75c; 3-year, \$1.00 each.

ROSES AT ONLY 25c to 39c

These are No. 2 roses, of the same grade and size as those generally offered at low prices over the radio and in department stores and mail order catalogs. The ones that we will ship to you will be fresh dug and not stood around on counters wrapped in moss and wet every few days to keep them alive, thereby weakening their vitality. We do not recommend them, if you can get good No. 1 roses, but they will do to grow on, and in two years, should make large shapely bushes. We can supply any of the well known varieties as long as they last, but if we run short of a variety ordered, we reserve the right to substitute another variety of our selection. Price, 39c each; 3 for \$1.00; 12 for \$3.50; \$25.00 per 100.

Worcester Co., Mass., May 25th, 1931.
Received my order today. All is satisfactory.
William H. Dixon.

Camden Co., N. J., April 26th, 1931.
Plants arrived yesterday morning. They were all right.
Priscilla L. Macklin.

Wayne Co., Ohio, May 21st, 1931.
Several years ago I ordered some white strawberries of you. They all grew and bore well.
Frank Zurches.

Oswego Co., N. Y., May 19th, 1931.
Received the berry plants on the 18th and they were all lovely.
Mrs. Fred Pitcher.

Oneida Co., N. Y., May 18th, 1931.
Received Dutch Pipe and Clematis in good condition.
Mrs. Otis T. Scott.

Our Rose Bushes are all field grown outdoors. We do not handle spent greenhouse roses or inferior plants of any kind. Beware of cheap offers. The prices we are giving you this year are as low as good roses can be handled and sold, without actual loss to the grower.

FLOWERING SHRUBS

The grounds have a very large part in home and community life. The modest cottage or the costly mansion on a bare lot without trees or shrubs might be compared to a living room without furniture—unfinished and uninvoiting. Comparatively few people enter our homes, but thousands pass by who get a general im-

pression from the surroundings. Surely, a few shrubs, well arranged about the foundation of the house and near the borders of the property, will add beauty and dignity to the picture. By a careful selection of varieties, we can have a wealth of color from early spring to late fall.



New Beauty Bush

New Varieties

Beauty Bush (*Kolkwitzia amabilis*). A lovely, graceful shrub, finer than any weigela ever offered, and covered early in May with the utmost profusion of bloom. The individual flowers are lipped something like a foxglove, clear pink with brownish spots and veins. The tiny rose-colored buds are fascinatingly hooded with fuzzy jackets which remain to decorate the seed pods. In all stages and at all seasons it is a lovely thing. Price 12-18 in., 60c; 18-24 in., 75c; 2-3 ft., \$1.50 each.

Korean Spirea (*Spirea trichocarpa*). A handsome new Spirea with larger flowers than the common Bridal Wreath (*Spirea Van Houttei*). It is extremely hardy and a wonderful grower, making a large, handsome specimen within a short time. It blooms two weeks later than the Bridal Wreath, and has large dome-shaped clusters with a distinctly marked eye, so that it does not have quite the same dead-white effect. This is one of the most valuable new shrubs introduced and we recommend it for general planting. Price: 12-18 in., 60c; 18-24 in., 75c; 2-3 ft., \$1.25 each.

New Red Snowberry (*Symphoricarpos chenaultii*). A new shrub that is bound to be in great demand as soon as it becomes better known. It is a fine companion shrub for *Spirea Van Houttei*.

Dr. Wilson of the Arnold Arboretum writes: "Symphoricarpos Chenaultii is a twiggy shrub, growing four and more feet tall and twice as much in diameter, with ascending, arching branches, forming a rounded, fountain-like bush with neat foliage and small, pinkish blossoms. The fruit is nearly round, red, with small dots on one side and whitish with red dots on the other. The fruit is more handsome than either of its parents, *S. Orbiculatus Vulgaris* and *S. Microphyllus*."

Price of Red Snowberry—strong plants, 2-3 ft., 75c each; 1 1/2-2 ft., 50c each.

New Red Leaved Japanese Barberry. A recent and valuable introduction in the shrub line. It not only has all the qualities of the Japanese Barberry, but the outstanding characteristic of this new variety is the glossy, bronze-red foliage. The leaves do not lose their color, but become more brilliant as the season advances. Should be set in full sunlight. Price: 9-12 in., 30c each; \$2.50 per 10; \$20.00 per 100. 12-15 in., 40c each; \$3.50 per 10; \$25.00 per 100. 15-18 in., 60c each; \$4.50 per 10; \$30.00 per 100. 18-24 in., 75c each; \$6.50 per 10; \$40.00 per 100.



New Korean Spirea

Aline Mocqueres. Dark purplish red. Dwarf compact bush.

Souv. D'Ludwig Spaeth. Very large, single, dark purple flowers. The finest variety on our grounds.

Philemon. Darkest shade of all lilacs. One of the best.

General Pershing. Buds deep lilac, semi-double.
William C. Barry. Buds reddish lilac, opening pearly lavender.

MOCK ORANGE (*Philadelphus*)

Coronarius. Sweet scented Mock Orange. 2-3 ft., 50c; 3-4 ft., 75c each.

Grandiflorus. Large-flowered Mock Orange, no scent. 2-3 ft., 50c; 3-4 ft., 75c.

Golden Syringa. Brilliant yellow foliage. Medium 50c; large 75c.

Nivalis. Mock Orange. 2-3 ft., 50c; 3-4 ft., 75c.

Virginal Mock Orange. Large creamy white flowers, double and delightfully fragrant. Almost ever-blooming. 2-3 ft., 75c; 3-4 ft., \$1.00.

PEARL BUSH. (*Exochorda*). 2-3 ft., 60c; 3-4 ft., 75c.

Azalea. One of the most beautiful of shrubs. Plants grow 6 to 8 feet high and in early spring are loaded with beautiful flowers, pink to reddish in color, fragrant and pleasing. Medium size, \$1.25 each; 10 for \$10.00. 3-4 ft., \$2.00 each; 10 for \$15.00. 25c extra each, if B & B.

Daphne (*Cneorum*). 8-10 in., \$1.35; 10-12 in., \$1.50 B & B.

RHODODENDRONS

Carolinianum. 15-18 in., \$3.50; 18-24 in., \$4.00 B & B.

Catawbiense. 1 1/2 ft., \$3.50; 2-2 1/2 ft., \$4.50. B. & B.

Maximum. 2-3 ft., \$4.00; 3-4 ft., \$5.00. B. & B.

SNOWBERRY. (*Symphoricarpos*). 2-3 ft., 40c; 3-4 ft., 75c.



Hydrangea Paniculata Grandiflora

OTHER SHRUBS

ALMOND (*Amygdalus*). Double blossoms, like small roses. Colors, white or pink. Medium size, 60c each; large 3-4 ft., 90c.

ALTHEA (*Hibiscus Syriacus*). Double flowers in white, red, purple, pink. Medium size, 40c; large, 3-4 ft., 75c each.

AMERICAN PURPLE FRINGE. 2-3 ft., \$1.00 each.

BARBERRY. (See hedge plants.)

BUTTERFLY BUSH (*Everblooming summer lilac*)
Magnifica. Violet rose. Medium plants, 40c; large, 75c each.

Farquahari. New lavender pink with orange center. Very fragrant. Medium, 60c; large, \$1.00 each.

Veitchi. Medium, 40c; large, 75c each.

CALYCANTHUS. (Sweet Scented Shrub.) Medium size, 40c; large size, 75c each.

CORALBERRY or **Indian Currant**. Medium size, 2-3 ft., 50c each; extra heavy, 3-4 ft., 75c each.

DEUTZIA
Gracilis. (Dwarf Deutzia.) White, medium size, 40c; large, 75c.

Gracilis Rosae. Pink. Medium, 40c; large 75c.

Lemoine's Deutzia. Pure white. 1 1/2-2 ft., 50c each; 2 1/2 ft., 75c.

Deutzia Crenata fl. pl. Double pink. 2-3 ft., 50c; 3-4 ft., 75c.

Deutzia Scabra. (Pride of Rochester.) Medium, 40c; 3-4 ft., 75c.

DOGWOOD (*Cornus*)

Siberica. White flowers, hood red branches.

Lutea. (Golden Twig Dogwood). Medium, 40c; 2-3 ft., 75c.

Elegantissima (Dwarf). Variegated foliage.

Price of above, medium size, 35c; large, 3-4 ft., 60c each.

HONEYSUCKLE (*Lonicera*)

Chrysantha. Yellow flowers, red fruit.

Fragrantissima.

Morrowi. Handsome red fruit.

Tartarian. Colors, pink, red and white.

Price, all varieties, medium size, 40c each; large, 3-4 ft., 75c each.

HYDRANGEA

Arborescens grandiflora (Snowhill Hydrangea). White flowers changing to green. Very early. 12-18 in, 25c; 18-24 in., 35c; 2-3 ft., 50c; 3-4 ft., 75c. Extra select plants, \$1.00 each.

Paniculata grandiflora. White flowers changing to pink. 12-18 in, 35c; 18-24 in., 50c; 2-3 ft., 65c; 3-4 ft., 85c. Extra select plants, \$1.00 each.

Tree Hydrangea. 2-3 ft., \$1.25; 3-4 ft., \$1.50; 4-5 ft., \$2.00; 5-6 ft., \$2.50 each. All exceptionally heavy rooted and well branched.

HYPERICUM (*St. John's Wort*). Price 75c each.

JAPAN QUINCE (*Cydonia*). 12-18 in., 40c; 18-24 in., 50c; 2-3 ft., 60c; 3-4 ft., 85c.

NEW JAPAN QUINCE (*Cydonia Sargentii*). 18-24 in., \$1.00 each.

LILACS

Lilac. Common White or Purple. Price, 2-3 ft., 60c; 3-4 ft., 75c.

Persian. White and Purple. 18-24 in., 60c; 2-3 ft., 75c.

Chinese Lilac. 18-24 in., 60c; 2-3 ft., 75c.

HYBRID LILACS

The French Budded Lilacs are fast taking the place of the common lilac as the people are beginning to know them. This is because of the size and the greater range of color and season of bloom. The French Hybrids often blossom the same year they are set, while the common lilac may not bloom for several years. Price, all varieties, 2-3 ft., \$1.00 each; 3-4 ft., \$1.25 each.

Charles X. Extra large flower panicles, deep red color. A rapid grower.

Marie Legraye. Large trusses of white flowers. One of the very finest.

President Grevy. Very large, double, rose-lilac flowers. A favorite.

Alphonse Lavalle. Double. Blue shading to violet in extra large panicles.

Chas. Joly. Dark reddish purple. Large, double flowers.

Mad. Lemoine. Double, pure white. A superb variety.

Michael Buchner. A dwarf variety. Pale lilac flowers, very double.



Everblooming Butterfly Bush



Spirea Van Houtte

12-18 in. 25c.; 18-24 in. 35c.; 2-3 ft. 50c.; 3-4 ft. 75c.; 4-5 ft. \$1.00. Extra Select Plants \$1.25.

SPIREA

Anthony Waterer. Medium size 40c; large 75c each.
Billardi. Rose colored flowers. Medium 40c each; large, 75c each.
Callosa Alba. Large white flowers. 60c each; large, 75c each.
Golden Spirea. Bright yellow foliage and showy white flowers. 2-3 ft., 40c each; 3-4 ft., 75c each.
Prunifolia. (True Bridal Wreath.) Medium, 40c; large, 75c each.
Thunbergii. Small white flowers. Fringe like foliage. Medium, 40c each; large, 75c each.
Van Houtte. (Bridal Wreath.) One of the most handsome and useful of the hardy shrubs, and the best of the Spireas. Large clusters of white flowers completely cover the arching branches. Foliage dense, deep green.

	each	per 10
12-18 inches.....	\$.25	\$2.00
18-24 inches.....	.35	3.00
2-3 feet.....	.50	4.00
3-4 feet.....	.75	6.50
4-5 feet.....	1.00	8.50
Extra selected heavy hushy plants, 4-5 feet,		\$12.25 each; \$10.00 per 10.

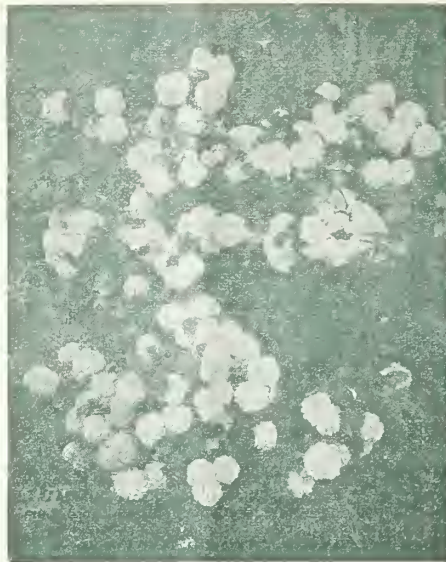
SHADBUSH OR JUNE BERRY. (Amelanchier.) White Flowers in May. Fruits purplish, ornamental and edible. 2-3 ft., 75c.

VIBURNUM

Plicatum, Japan Snowball. A strong growing shrub with large dark green leaves. Flowers in round heads of pure white in June. Most satisfactory of snowballs because of its freedom from the attacks of plant lice. 18-24 inches, 60c; 2-3 ft., 90c; 3-4 ft., \$1.25.
Opulus. High Bush Cranberry. Clusters of red fruit resembling cranberries, hang on the hush from August well into the winter. 2 ft., 75c each.
Opulus Sterilis, Common Snowball. The old-fashioned snowball producing immense heads of snowy white flowers in June. 12-18 inches, 40c; 18-24 inches, 60c; 2-3 ft., 75c; 3-4 ft., 90c.
Snowball Carlesii. The only fragrant snowball. 15-18 inches, \$1.25; 18-24 inches, \$2.00.



Hybrid Lilac, Set Two Years



Japan Snowhall

WEIGELA

Rosea. One of the finest shrubs in cultivation. Pink flowers in abundance. 18-24 in., 40c; \$3.50 per 10. 2-3 ft., 50c each; \$4.00 per 10. 3-4 ft., 75c each; \$6.00 per 10. 4-5 ft., \$1.00 each.
Rosea Purpureis. Light pink flowers. Rich bronzy-purple foliage. 18-24 in., 60c each. 2-3 ft., 75c each.
Nana Variegata. Dense and dwarf in habit; leaves



Virginal Mock Orange Blooms All Summer

distinctly margined orange-yellow. Rose-colored flowers in June. 2-3 ft., 65c; 3-4 ft., 90c each.
Candida, White Weigela. Flowers extra large and showy. Requires partial protection until well established. 2-3 ft., 65c; 3-4 ft., 90c each.
Eva Rathke. Crimson flowers, very handsome and fragrant; free flowering and almost everblooming. 12-18 in., 40c each; \$3.50 per 10. 1 1/2-2 ft., 50c each \$4.00 per 10. 2-3 ft., 75c each; \$6.00 per 10. 3-4 ft. 90c each; \$8.00 per 10.
WHITE KERRIA (Rhodotypos). Very ornamental, Single white flowers, 1-inch across, in May and June, followed by conspicuous, shiny black fruits in autumn and winter. 18-24 in., 45c; 2-3 ft., 60c; 3-4 ft., 90c each.

ORNAMENTAL VINES

A few ornamental vines, carefully arranged, give the final touch and finish to the home planting. They are valued for shade, for color and fragrance of their flowers, and for covering hrick and stone walls, porches, trellises and pergolas. When planting near the foundation, the top-soil should be replaced with rich garden soil to a depth of two feet.

Polygonum Auberti (Chinese Fleece). A charming vine; always in demand. Rapidly climbs 20 feet or more with fresh green foliage lightly bronzed at tips, and a profusion of silvery, lacy flowers in erect sprays. Price 2 yr. vines, 90c each.

Porcelain Vine (Ampelopsis heterophylla). A vine of striking appearance often with red, blue and white berries at the same time. 3 yr. vines, 90c each.

Dutchman's Pipe. Rapid grower with large heart shaped leaves, and pipe shaped flowers in summer. One of the very hardiest. 12-18 in. 60c; 1 1/2-2 ft., 75c; 3-4 ft., \$1.00; 5-6 ft., \$1.50.

Boston or Japan Ivy (Ampelopsis veitchi). Leaves three-lobed and glossy green, changing to crimson and yellow in the fall. Vine grows rapidly when established and covers surfaces evenly with overlapping leaves. The finest vine for concrete, hrick or stone surfaces. Requires no support. 3-yr. roots, 90c each; 2-yr. strong roots, 75c each; \$7.00 per 10. 2 yr., med. 60c; 2-yr., small, 50c.

Englemann's Ivy. An improved form of American Ivy. Clings to walls without artificial support. 2-yr. vines, 40c; 3-yr., 75c.

Climbing Hydrangea (Petiolaris). A wonderful new vine just-introduced. Large, healthy, glossy foliage. In June, the vine is covered with a lacy mantle of fragrant white flowers in flat clusters. The vine is immune to disease and insect pests. Price 12-18 in., \$2.00; 9-12 in., \$1.50 each.

Hall's Japan Honeysuckle. Vigorous vine, pure white flowers, changing to yellow. Fragrant flowers remain on vine from July to frost. Almost evergreen. 2-yr., 40c each; \$3.50 per 10. 3-yr., vines, 50c each; \$4.50 per 10.

Scarlet Trumpet Honeysuckle. A well-known, useful vine, with clusters of trumpet-shaped flowers. Very free flowering and showy. Fruit in bright yellow clusters. Rapid grower. This is one of the most beautiful vines when in bloom. Attracts the greatest attention. We have a very large stock. 2 yr., 40c each; \$3.50 per 10. 3-yr. vines, 50c each; \$4.50 per 10.

Monthly Fragrant 2-yr., 45c.
Clematis Paniculata. Beautiful climber, glossy, dark green leaves, sweet-scented, star-shaped flowers produced in profusion. Good for porches and trellises. Strong, 2-yr. vines, 50c each; \$4.50 per 10. 3-yr., 75c each.

Clematis Jackmani. Very popular; free bloomer. Very large, deep violet-purple flowers until frost. 2-yr. vines, 90c.

Clematis Mad. Ed. Andre. Like the above but dark red in color. 2-yr. vines, 90c.

Clematis Duchess of Edinburg. Double white. 2-yr. vines, 90c.

Clematis Coccinea. A bright, scarlet color, heavy petaled flower; hell-shaped. Long season of bloom. 2-yr. vines, 75c each.

Clematis Crispi. Deep blue, bell-shaped flowers from June to October. 2-yr. vines, 75c each.

Bittersweet Vine (Celastrus Scandens). A native vine popular for its orange-yellow, capsuled fruits in autumn. Showy crimson flowers in racemes. A vigorous grower, with dense glossy foliage. Strong, 3-yr. vines, 50c each; \$4.50 per 10.

Evergreen Bittersweet (Euonymus radicans vegetus). A trailing vine with dark, glossy-green leaves. Valuable as a ground cover under Rhododendrons or other shrubs. Evergreen. 9-12 in., 45c each; \$4.00 per 10. 12-15 in., 60c each; \$5.00 per 10. 15-18 in., 75c each; \$6.00 per 10.

Matrimony Vine. Regarded as a climber, hut also good for trellises and to cover stumps or hanks. Bears quantities of brilliant crimson berries along gracefully curving branches. Strong, 2-yr. vines, 50c each; \$4.00 per 10.

English Ivy (Hedera Helix). A good small-leaved evergreen vine for hrick and stone walls. Requires winter protection north of Philadelphia. 40c each.

Wisteria, Chinese Purple. Pea-shaped flowers in dense pendant clusters, sometimes 1 foot long. Light as green foliage. Good for trellises and adapted for covering pergolas; attractive if trained to old trees. 2-yr. vines grafted from blooming stock. Medium size, 60c; large, 90c each.

White Wisteria. Same as above except in color of flower. Same price.

Multijuga Wisteria. Soft purple. Same price. Unlike the old seedling Wisteria as generally sold, our plants are grafted and will bloom the first or second year.



Boston Ivy



Clipped Hedge of Amur River Privet

HEDGE PLANTS

Amur River Privet (*Ligustrum amurense*). The ideal hedge plant. Similar in habit to California Privet but far more valuable because of its extreme hardiness. We have never seen any indication of the slightest winter injury to Amur River Privet. A very handsome shrub, erect and uniform in growth, admirably adapted for a clipped hedge. The leaves are oval or oblong, glossy green, and 1-2 inches long. Set the plants 1-1 1/2 ft. apart.

12-18 inches.....12c each; \$1.00 per 10; \$ 7.50 per 100.
18-24 inches.....15c each; 1.20 per 10; 9.00 per 100.
2-3 feet.....20c each; 1.50 per 10; 12.00 per 100.
3-4 feet.....25c each; 2.00 per 10; 15.00 per 100.

Japanese Barberry (*Berberis thunbergii*). A very popular shrub for hedges, or as a specimen plant for it can be maintained in any desired shape by clipping. Its yellow flowers are borne on drooping stems, and are followed by a profusion of scarlet berries which remain on the plant through the winter. The leaves color to scarlet and gold in the autumn.

2 yr., 9-12 in.....15c each; \$1.25 per 10; \$10.00 per 100.
2 yr., 12-15 in.....20c each; 1.75 per 10; 15.00 per 100.
3 yr., 18-24 in.....25c each; 2.25 per 10; 20.00 per 100.
4-yr., 2-3 ft.....35c each; 3.00 per 10; 25.00 per 100.
5-yr. Specimens, 3-4 ft.....60c each; \$5.00 per 10.

Ibodium Privet. This is a comparatively new privet, claimed by Mr. Bert Baker and others, to be as hardy or harder than Amur River North and to be fully as glossy and pretty as California Privet. Price, same as Amur River.

Box Barberry (*Berberis thunbergii minor*). A dwarf form of Japanese Barberry. A very low, dense shrub with small leaves growing 1 1/2-2 feet at maturity. Good for edging or borders. Strong plants 15-18 in., 50c each; \$4.50 per 10; \$40.00 per 100.

Regel's Privet. 18-24 in., 30c each; \$2.50 per 10; \$18.00 per 100; 2-3 ft., 40c each; \$3.50 per 10; \$25.00 per 100.

Ibota Privet. A hardy shrub with horizontal branches and large white flowers, very fragrant. Extra strong plants, 3-4 ft., 40c each; \$3.50 per 10; \$30.00 per 100.

California Privet. 3-4 ft., 20c each; \$1.50 per 10; \$10.00 per 100. 2-3 ft., 15c each; \$1.20 per 10; \$8.00 per 100. 18-24 in., 12c each; \$1.00 per 10; \$6.00 per 100; 12-18 in., 10c each; 75c per 10; \$5.00 per 100.

New Red Leaved Japanese Barberry. (See page 15).

1-yr., 9-12 in. 30c each; \$2.50 per 10; \$20.00 per 100.
2-yr., 12-15 in. 40c each; \$3.50 per 10; \$25.00 per 100.
3-yr., 15-18 in. 60c each; \$4.50 per 10; \$30.00 per 100.
4 yr., 18-24 in. 75c each; \$6.50 per 10; \$40.00 per 100.

Shade and Ornamental Trees

Shade trees have a very important place in the layout of the home grounds. No landscape planting is complete without trees to frame the view. They add prominence and beauty to the home and provide shade wherever it is needed. "Plant a tree wherever it will serve a desired purpose."

Maple, Norway. We consider this the best all round shade tree. Grows a compact, rounded head with deep green foliage. The tree is clean, perfectly hardy and free from disease. A vigorous grower, reaching a height of 50-60 feet at maturity. Unsurpassed for park, avenue or lawn planting. 5-6 ft., \$1.50; 6-8 ft., \$2.00; 8-10 ft., \$2.50.

Ash, European Mountain. A very attractive, round-headed tree growing 20-30 feet high, with light green foliage and showy clusters of bright red fruit. 6-8 ft., \$1.25 each; 8-10 ft., \$1.75 each.

Birch, Cut-Leaf Weeping. A beautiful tree for the lawn, with white bark, drooping branches and finely cut foliage. 4-5 ft., \$2.00 each; 6-8 ft., \$3.00 each.

Birch, European White. A fine tree with silvery white bark and spray-like branches. Very effective among tall evergreens. 6-8 ft., \$1.75 each.

Catalpa Bungei (*Umbrella Catalpa*). An excellent tree for small lawns and formal plantings. The round, compact heads remain symmetrical without pruning. The leaves are heart-shaped in a deep, glossy green. 4-5 ft., \$1.00 each; 6-7 feet, \$2.00 each.

Crab, Bechtel's Flowering. Bears great quantities of double pink flowers, resembling miniature roses. Fragrant. 3-4 ft., 90c each.

Crab, Floribunda. One of the best of the early spring flowering trees. Flowers rose colored and produced in great abundance. 4-5 ft., \$1.25 each.

Elm, American. The king of American shade trees. A tall, graceful, wide-spreading tree with outward curving and pendulous branches. A favorite avenue tree. 6-8 ft., \$1.00; 8-10 ft., \$1.50.

Elm, Camperdown (*Weeping Elm*). A form of the Scotch Elm, with curving, pendulous branches, the limbs often spreading horizontally. Very ornamental and useful as an arbor on a lawn. 5-7 ft., \$4.00 each.

Flowering Cherry, Japanese. Double pink blossoms completely cover the slender branches before the leaves appear. A delightful addition to any planting. 4-5 ft., \$2.50 each.

Horse Chestnut. White flowers produced in showy clusters in abundance. 4-5 ft., \$1.50 each; 6-8 ft., \$2.25 each.

Linden, American. A stately tree with large, smooth leaves and showy yellow flowers. Fragrant. A rapidly growing tree, with round, dense head. 6-8 ft., \$2.00 each.

Maple, Silver Leaf. One of the fastest growing trees, valuable where quick shade is desired. Leaves silvery underneath and light green above. 8-10 ft., \$1.25 each; \$10 per 10. 6-8 ft., 85c each; \$7.50 per 10.

Maple, Schwedler's Purple Leaf. A variety of the Norway Maple with reddish-purple foliage turning to bronze in autumn. Very ornamental, especially in contrast with the green foliage of other varieties. 6-8 ft., \$3.00; 8-10 ft., \$4.00 each.

Maple, Wier's Cut-Leaf. A weeping form with deeply cut leaves. A vigorous grower. 6-8 ft., \$1.25 each.

Japan Maples. 15-18 in., \$3.00; 18-21 in., \$4.00. B. & B.

Mulberry, Russian. A hardy, rapid growing tree. Foliage abundant; fruits attractive to birds. 5-7 ft., 90c each.

Mulberry, Tea's Weeping. One of the very best of small weeping lawn trees. Slender, arching branches droop to the ground. Foliage dense, deep green and attractive. 5-6 ft., \$2.50 each.

Oriental Plane. A majestic tree in summer with its large head of bright green, heart-shaped foliage. Attractive also in winter with its smooth creamy-white bark, mottled by dark blotches of older bark which peels off in thin plates. Good for park, avenue or large lawn. Tolerant to smoky conditions, moist soils and seaside planting. 6-8 ft., \$1.50 each.

Poplar, Carolina. Very rapid, luxuriant grower, probably the fastest growing shade tree. Useful as windbreak, screen, or for quick shade. Thrives under practically any conditions. 6-8 ft., 50c each; \$4.50 per 10. 8-10 ft., 65c each; \$6.00 per 10. 10-12 ft., 90c each; \$8.00 per 10.

Poplar, Lombardy. A very picturesque tree, narrow and pyramidal in growth. Useful as a tall screen, for groups in parks or cemeteries, or for formal effects. 6-8 ft., 75c each; \$7.00 per 10. 8-10 ft., \$1.25 each; \$11.50 per 10.

Plum, Double Flowering. A charming little lawn tree growing to about six feet. In the early spring before the leaves appear the branches are covered with a profusion of double flowers; individual blossom about one inch across. A cherry spot of color in any landscape. 3-4 ft., \$1.10 each.

Plum, Purple Leaved. A striking little tree with dark purple branches. Leaves are glossy crimson when young, changing to dark purple and retain this color until they drop in the fall. Flowers small, white, single, covering the tree in May. 2-3 ft., 60c; 3-4 ft., 85c; 5-6 ft., \$1.25 each.

Thorn, Paul's Double Scarlet. A showy and pretty tree with numerous earmine red flowers. Red fruits very ornamental. Will thrive anywhere. 5-6 ft., \$2.00 each.

Strawberry Tree (*Euonymus*). A small, upright growing tree with good foliage and scarlet berries in autumn. 3-4 ft., 75c each.

Willow, Golden. A very pretty tree with golden-yellow bark which is very conspicuous in winter and early spring. The leaves are narrow and silky. Excellent for shelter planting or near water. Extra heavy rooted trees, 6-8 ft., 75c; 8-10 ft., \$1.25; 10-12 ft., \$2.00 each.

Willow, Wisconsin Weeping. Branches olive-green, slender and drooping. Very desirable as a single specimen to contrast with upright trees, and particularly attractive near water. Hardy. 6-8 ft., \$1.25; 8-10 ft., \$1.75 each.

Pussy Willow. 3-4 ft., 75c; 4-5 ft., 90c each.

Tree Hydrangea. 2-3 ft., \$1.25; 3-4 ft., \$1.50; 4-5 ft., \$2.00; 5-6 ft., \$2.50 each.

Lawn Grass Seed

To produce a fine lawn, you must first consider the seed and buy the very best. Start right by using these famous lawn grass mixtures.

Central Park Mixture. Contains several kinds of grasses in correct proportions, which insures good results under the varying conditions during the spring, summer and the fall. The Central Park Mixture contains only the choicest of re-cleaned seeds, and will produce a thick, velvety turf which remains green through the entire growing season. We have produced beautiful lawns in a single season with Central Park Mixture. One pound will sow 200-250 square feet. Price, 40c per lb.; 5 lbs., \$1.75; 10 lbs., \$3.00.

Gold Standard Mixture. The very best to be had in lawn grass seed, and the cheapest in the long run. Compounded from formula recommended by Cornell University Experiment Station. No weed seeds, no culch. 90c per pound.

SHADY NOOK MIXTURE

A combination of varieties tolerant to shade for use under trees or other shady places where other grasses will not grow. Price: 65c per lb.; 5 lbs., \$2.50; 10 lbs., \$4.00.

GERMAN BENTGRASS MIXTURE

For the most fastidious lawn maker, we recommend Creeping Bentgrass as one of the very finest northern grasses. If used without mixing with other grasses it will produce a thick turf of beautiful emerald-green, absolutely uniform in color and texture. Creeping Bentgrass is particularly adapted for the average lawns in New York State, as it thrives in an acid soil. No lime is needed. Not recommended for light, sandy soils. Sow at the rate of one pound to 300-350 square feet. Price: 1/2 lb., 65c; 1 lb., \$1.10; 5 lbs., \$5.00; 10 lbs., \$9.00.

Ontario Co., N. Y., April 29th, 1931.

The strawberry plants arrived in fine shape and growing like weeds.

Chas. Bowers.

Rensselaer Co., N. Y., May 7th, 1931.

The trees have been received in good shape and are very satisfactory.

Chas. M. Snyder.

Rutland Co., Vt., Feb. 8th, 1931.

Everything that I got of you last spring grew fine. Mrs. Harry Parker.

Extra Large Ornamental Trees and Shrubs

For Immediate Landscape Effect

We offer several Koster's Blue Spruce, 15 to 25 ft.; Norway Spruce 30 to 45 ft.; White Birch 25 ft.; 3 Cut Leaf Birch 20 ft.; 10 French Hybrid Lilacs, 15 years old; 5 Russian Mulberry, 15 ft.; 10 Arbor Vitae, 8 to 12 ft.; 25 Silver Maple, 15 to 20 ft., 50 Golden Willow, 10 — 15 ft. Numerous other specimens, including large specimens of Pyramidal Arbor Vitae, Golden Arbor Vitae, Cedars, Junipers, Spruce, Pine and Cypress. 20 Extra Heavy Spirae Van Houtte (Bridal Wreath) 10 years old, 2 Forsythia, several Weigelia, High Bush Cranberry, Japanese Barberry, etc. Correspond for prices or come and see them.

EVERGREENS

Evergreens give a feeling of richness to the landscape planting that cannot be produced without them. They are now considered to be the most beautiful and choice of all foliage plants. Evergreens are beautiful throughout the year, and especially in winter when partially covered with snow, and in the spring when the new growth comes out in contrast to the old.

All our evergreens are shipped with a ball of earth and hurlapped (B. & B.). Before planting soak the

hall in a tub of water, but do not remove the burlap. Soak the ground once a week during the first summer. Prices given in this list are for unusually fine, several times transplanted specimens. We can supply all sizes and grades to suit any pocketbook. Evergreens, to live and do well, must be frequently root-pruned or transplanted in the Nursery. **Our Evergreens live when transplanted.**

Write for prices on large quantities of smaller or any sizes.

Silver Red Cedar (J. V. glauca). A vigorous growing form of the Red Cedar, more conspicuous with its silvery-gray foliage. Cone-shaped. A favorite for specimen work. Specimens, 3-3 1/2 ft., \$7.00 each.

Cannart Red Cedar. A fine, pyramidal, compact grower of dark green appearance; some of the branches lengthen out and droop, presenting a pretty picture. Specimens, 3-3 1/2 ft., \$6.50 each.

Juniper, Chinese. One of the finest and hardiest of evergreens. Pyramidal in outline, with silvery-green, scale like foliage. It retains its dense habit. Specimens, 3-3 1/2 ft., \$6.00 each.

Pfitzer Juniper, J. Pfitzeriana. Low, broad pyramidal-shaped evergreen with horizontal spreading branches. Beautiful lacy foliage is blue-green in color. One of the best dwarf forms. Price, 2-2 1/2 ft., \$5.00 each.

Spiny Greek Juniper (J. excelsa stricta). This beautiful variety forms a dense, narrow conical head, and is of a fine glaucous color. Well adapted for foundation plantings or other places where small trees are required. Specimens, 15-18 in., \$3.00 each; 18-20 in., \$4.00 each.

Black Hills Spruce. Hardest of all spruces, symmetrical, compact and bushy in habit of growth, in fact the very smallest trees soon form round, sturdy, compact bodies. The foliage varies from green to bluish color, and all trees are remarkable for their bright, fresh color. Price, 1-1 1/2 ft., \$3.00; 2-2 1/2 ft., \$4.50 each.

Colorado Blue Spruce. A wonderful ornamental with blue foliage. Very effective as a lawn specimen. 12-15 in., \$3.00; 18-24 in., \$4.50; 2-3 ft., \$6.00 each.

Colorado Spruce. A handsome tree of symmetrical habit, with light green foliage. Very popular as a lawn tree. Specimens, 12-15 in., \$1.50; 15-18 in., \$3.00; 2-3 ft., \$4.00 each.

Douglas Fir. Attains a height of 50-75 feet in cultivation. Forms a pyramidal tree of dense and graceful habit. Very hardy and one of the best ornamental conifers. Price, 3-4 ft., \$3.50 each.

Mugho Pine. The most useful of the dwarf pines for foundation planting. Very compact, low habit. Perfectly hardy. Specimens, 12-15 in., \$3.50 each.

Scotch Pine. Tree 40-50 ft. in cultivation, with spreading branches, becoming broad, round-topped and picturesque. Bark orange-red. Specimens, 2 1/2-3 ft., \$3.50 each.

Carolina Hemlock. Reaches about 50 feet in cultivation. Unique in habit, with dark, dense, tufted foliage, on sweeping pendulous branches. Hardier and better adapted to trying conditions than Canada Hemlock. Price, 2-2 1/2 ft., \$4.50 each.

Plume Cypress (Ret. plumosa). Main stems erect, but side shoots assume a plume-like arrangement. The branches are slender and pliable, imparting a feathery appearance. Of graceful habit, with delicate glaucous foliage. Specimens, 2 1/2-3 ft., \$5.25 each; 3-3 1/2 ft., \$7.50 each.

Golden Plume Cypress (Ret. plumosa aurea). A golden foliaged form of the above. The most popular of all ornamental evergreens. Specimens, 2 1/2-3 ft., \$5.25; 3-3 1/2 ft., \$8.00 each.

Dwarf Japanese Yew. An excellent dwarf yew, with fine spreading branches and rich, deep green foliage. Retains its fresh color throughout the year. Price, 12-15 in., \$4.00 each.

WINDOW BOX SPECIAL

The following Evergreens are especially suitable for use in Window Boxes or potted as table Christmas Trees. They are bushy and symmetrical in shape.

	Each	5 or more	10 or more	100
Norway Spruce.....	50c	45c each	40c each	\$35.00
Am. Arbor Vitae.....	60c	55c each	50c each	45.00
Red Pine.....	60c	55c each	50c each	45.00
White Spruce.....	70c	65c each	60c each	50.00

Oswego Co., N. Y., April 29th, 1931.

My recent plantings of Arbor Vitae trees, purchased through you are apparently thriving very nicely and they are creating a good deal of attention. I think you will find that they will be productive of considerable business for you in this locality.

E. M. Waterbury.

Business Manager, Palladium—Times.



Koster's Blue Spruce in Winter

Koster's Blue Spruce. The most striking and beautiful of all evergreens. The silvery blue lustre, perfection in form and symmetry makes this tree extremely popular. All trees are grafted and rather rare in cultivation. Price, 1 1/2-2 ft., \$10.00; 4-year, 12-15 inches, \$6.50 each. Correspond with us for prices on larger specimens.

American Arborvitae, T. occidentalis. Generally grows to 20 feet. Very hardy and useful in landscape plantings. Fine for hedges and windbreaks. Will stand clipping. Price, 1 1/2-2 ft., \$1.50; 4 1/2-5 ft., \$7.00 each.

Globe Arborvitae, T. occid. globosa. A dwarf, compact tree that grows into an almost perfect ball-like form about 2 or 3 feet in diameter. Used for rockeries and formal effects. Price, 15-18 inches, \$2.50; 21-24 inches, \$5.00 each.

Arborvitae, Golden. Foliage bright yellowish green all through the winter, changing to golden yellow in the spring. Forms a compact, broad pyramid. We have the finest strain of the Golden Arborvitae. Specimens, 3-3 1/2 ft., \$5.00.

Arborvitae Pyramidal. A most valuable upright evergreen, of dense, compact habit. Foliage light green. Narrow columnar growth. Unsurpassed for formal planting or for foundation plantings at entrances and corners. Specimens, 1 1/2-2 ft., \$2.50; 3 1/4-4 ft., \$5.00; 4-5 ft., \$7.50 each.

Arborvitae, Siberian. Broadly pyramidal, dense type, with glaucous green foliage. Used in foundation plantings. Specimens, 1 1/2-2 ft., \$3.00 each.

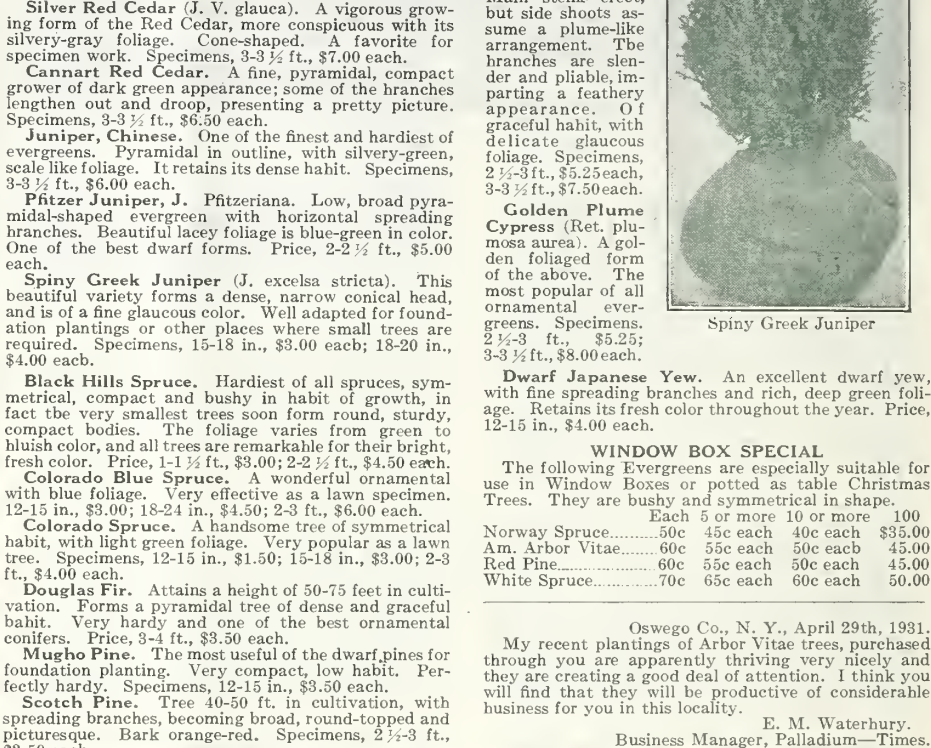
Arborvitae, Siberian Globe. A globose form of the preceding. Very desirable. Specimens, 21-24 in., \$5.00 each.

Juniper, Savin's. An attractive low evergreen, usually not over 3-4 feet in height. Numerous semi-erect branches well clothed with deep green foliage. An excellent tree for rock work or dwarf plantings. Specimens, 1 1/2-2 ft., \$3.50 each.

NORWAY SPRUCE

A graceful evergreen that will grow anywhere. The best variety for the "Living Christmas Tree." Long used for tall screens, windbreaks and trimmed hedges. Admirably adapted for use in window boxes or tubs. 3-4 ft., \$3.00 each; 2-3 ft., \$1.75 each; 10, \$15.00. 1 1/2-2 ft., \$1.25 each; 10, \$10.00. 1-1 1/2 ft., 75c each; 10, \$6.00.

We can supply Norway Spruce in almost any quantity. Write for Special Prices.



Spiny Greek Juniper



Foundation Planting of Hardy Ferns

Hardy Ferns

Hardy out-of-door ferns grow best in the shade or half shade and will do well in the border. They are just the thing for the shady place around your house where most flowers will not do so well. In planting ferns set the top of the crown level with or 1 to 2 inches above the ground.

Of all the hardy ferns, the **Ostrich Plume** is perhaps the best as it grows the tallest and fastest of any fern. It often has as many as 15 fronds gracefully arranged, presenting an object more beautiful than many varieties of palms. Under favorable conditions, the fronds grow 4 feet tall.

Lady Fern. Is a distinct, different type from the Ostrich Plume and the Leathery wood. It is extremely variable, growing in all situations from low, moist woodlands and shaded stream banks to dry woods and

bushy clearings, but to develop its best forms, it wants partial shade and a reasonable amount of moisture in the spring.

The Leathery Wood Fern. (Dryopteris marginale) or evergreen wood fern, is especially at home in shade or half shady places. This fern is used quite extensively for forming ground covers under shrubbery and tall trees, also on rocky hillsides in groups. The leathery fronds, 2 to 3 feet, produced early in the spring, are a dark green color with lanceolate twice pinnate blades.

20 HARDY FERNS FOR ONLY \$4.00

We offer these 20 choice ferns for only \$4.00: 6 Ostrich Plume Ferns, 8 Lady Ferns, 6 Leathery Wood Ferns. One-half the collection for \$2.25. * Any one fern for 40c.

The Best Hardy Perennials



Oriental Mammoth Poppy



Hardy Sweet William



Giant Pansy

Price of all perennials listed below (except where otherwise noted): 25c each; 3 for 70c; 10 for \$2.25. The most popular Perennials are marked with an *.

- ***Achillea, The Pearl** (Ball of Snow). Pure white, double flowers all summer. Prized for cutting.
- ***Aconitum, Monkshood**. Bold spikes of hood-shaped flowers. Blue.
- Alyssum saxatile** (Rock Madwort). Broad masses of bright yellow flowers. Early. Grows 1 foot.
- ***Anchusa** (Dropmore). Tall spikes of brilliant blue; flowers all summer.
- ***Anemone** (Wind flower). Alba, white; Queen Charlotte, double pink. Rubra, rosy-red; Whirlwind, double white.
- ***Aquilegia** (Columbine). Mrs. Scott Elliot's Long-spurred hybrids. 1 yr., 15c each; \$1.20 per 10; \$8.00 per 100. 2-yr., 25c each; 3 for 70c; 10 for \$2.00.
- ***Aster** (Michaelmas Daisy). Mixed colors.
- Bellis Perennis** (Double English Daisy). White or pink.
- Blazing Star or Gay Feather** (Liatris). Long spikes of rich purple.
- Blue Bird Flower**. One of the handsomest blue flowering plants.
- ***Canterbury Bells** (Campanula media). Profusely covered with large bell-shaped flowers. Colors, blue, pink, white and mixed.
- ***Chrysanthemums, Hardy**. Colors, pink, red, white, and yellow.
- Centaura Montana** (Cornflower). Violet blue.
- ***Carnation, Hardy**. Very fragrant, double flowers. Choice colors assorted.
- ***Christmas Rose** (Helleborus niger). Price: \$1.00 each; \$9.00 per 10. Medium size, 75c; \$7.00 per 10.
- Cerastium** (Snow in Summer). Low growing plant with silvery-white foliage and snow-white flowers.
- ***Chinese Lantern Plant** (Physalis Franchetii). Produces bright orange-scarlet, lantern-like fruits, which, when cut, will last all winter. 15c each; 3 for 40c; 10 for \$1.25.
- Coreopsis**. Bright yellow flowers all summer. Fine for cutting.
- ***Delphinium, Larkspur**. One of the most beautiful perennials. Belladonna, clear blue; Bellamosa, dark blue; Gold Medal Hybrids, varying shades of blue and purple toned with pink and lavender. 1 yr., 20c each; 3 for 50c; 10 for \$1.50; 100 for \$12.00. 2-yr., 35c each; 3 for 85c; 10 for \$2.50.
- ***Dielytra or Dicentra** (Bleeding Heart). An old favorite. Rose colored flowers, heart-shaped in drooping spikes. 60c each; \$5.00 per 10.
- ***Digitalis, Foxglove**. Tall spikes 4-6 feet high. Thimble-shaped flowers in shades of purple, pink and white.
- Bunch Primrose** (Polyanthus). Large flowered, embracing a wide range of colors. 35c each; \$3.00 per 10.
- Funkia, Plantain or Day Lily**. Broad, massive foliage, white flowers.
- Forget-Me-Not**. Dwarf plant with blue flowers. 15c each; 3 for 40c; 10 for \$1.25.
- Gaillardia**. Large flowers produced all summer. Yellow and orange-red.
- Golden Glow**. Tall plants; golden-yellow flowers.
- Geum** (Avens). Peculiarly attractive. Fiery-red or yellow flowers.
- Gypsophilla** (Baby's Breath). Grown from imported seed to produce double flowers.
- Hardy Ornamental Grasses**. Japan Rush and Zebra Grass.
- Hibiscus, Peachblow** (Marsh Mallow). Giant flower; 6-8 in. in diameter. Mixed pink, red and white.
- Hemerocallis** (Yellow Day Lily). Attractive foliage, lily-like flowers.
- Helianthus** (Hardy Sunflower). Clear yellow, profuse bloomer.
- Hypericum Henryii** (Gold Flower or St. John's Wort). Rich yellow, continuous bloom. 75c each; \$6.00 per 10.
- Iberis Sempervirens** (Candytuft). Low growing plant completely covered with dense white flowers.
- Iceland Poppy**. Bright yellow, cup-shaped flowers, 1 1/2 inches across.

SWEET WILLIAM Dianthus Barbatus
We have about 10,000 plants, all varieties and colors mixed, splendid kinds. 10c each; 10 plants, 75c; 100, \$5.00. 2-yr. plants, 15c each; \$1.25 per 10; \$8.00 per 100.

- ***Lily of the Valley**. Pips, 15c each; \$1.20 per 10; \$8.00 per 100. Clumps, 25c each; 3 for 70c; 10 for \$2.25.
- ***Lupine**. Long spikes of pea-shaped flowers, clear blue, pink or white.
- Monarda or Bergamont** (Oswego Tea). Aromatic foliage, bright red flowers.
- Myrtle** (Vinea minor). Trailing evergreen plant ground cover. 15c each; 3 for 40c; 10 for \$1.25; \$8.00 per 100.
- ***Oriental Poppy** (Papaver). Scarlet and salmon.
- Giant Pansies**. All colors and variations. 10c each; 50c per 10; \$4.00 per 100.
- Platycodon** (Balloon Flower). Large and showy flowers, blue and white.
- Shasta Daisy** (Chrysanthemum maximum). Variety, Mrs. C. Lowthian Bell. Enormous flowers; strong stems; continuous bloomer.
- Pyrethrum** (Painted Daisy). Ideal for cut flowers. Mixed colors.
- ***Red Hot Poker** (Tritoma). Orange-scarlet flower. Very striking.
- Perennial Pea** (Lathyrus latifolius). Ideal for trellises.
- Sedum** (Stonecrop). Called the foremost rock garden plant.
- Scotch Pinks**. Flowers with fringed petals. Very fragrant.
- Japanese Spurge** (Pachysandra). Most useful Evergreen Ground-Cover Plant in the World. Forms a thick mat 6-8 inches high. Thrives in sun or shade. Strong field grown plants, 20c each; \$1.75 per 10; \$15.00 per 100.
- Veronica spicata** (Speedwell). Violet-blue.
- Viola odorata** (Sweet Violet). Rich deep purple.
- Yucca Filamentosa** (Adam's Needle). 35c each 3 for 90c.

JAPANESE IRIS

The 10 Best Kinds

- All varieties, 35c each; 3 for 85c; 10 for \$2.50.
- Betty F. Holmes**. New, pure white double Jap. Iris. A great improvement over Goldbound, with lemon yellow mid-rib, instead of orange-yellow. Foliage deep green. Graceful.
- Chutsai**. Single. Hortense violet, veined white. Inner petals, phlox-purple.
- Doris Childs**. Double. Pearl white, deeply veined rosy-plum. Center petals, deep plum, edged white.
- Frances E. Cleveland**. Semi-double. Blue, very large.
- Grace Spurling**. Sgl. Hortense violet; petaloid stigmas, light hortense-violet.
- Kha Khan**. Sgl. White, suffused blue, purple stigmas. Extra fine and large.
- Mongol Khan**. Sgl. Deep, rosy-red. Extra large.
- Mrs. George Stumpp**. Sgl. White, with cast of blue.

- Tartar Prince**. Sgl. Rosy-crimson, white veins, blue halo, high stigmas.
- Yama, Yama**. Sgl. White, overlaid blue. Center petals white and purple. Crinkled appearance.
- Blue Siberian Iris**. Grows to moderate height and is loaded every year with beautiful flowers of a deep, clear blue color. Attracts the greatest attention. We have about 15,000 plants. 15c each; \$1.25 per 10; \$8.00 per 100; \$60.00 per 1000.



German Iris—Fairy

GERMAN OR LIBERTY IRIS

In the brief description given, "S." refers to the Standards or upright petals, and "F." to the Falls or drooping petals.

Ten Favorite Varieties

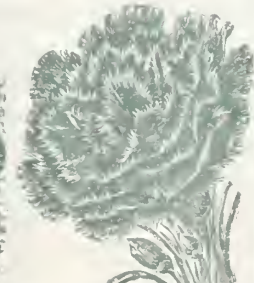
- Caprice**. Reddish purple. 20c each; 3 for 50c; 10 for \$1.50.
- Fairy**. White, bordered blue. 20c each; 3 for 50c; 10 for \$1.50.
- Certrude**. Deep violet-blue. 18c each; 3 for 45c; 10 for \$1.25.
- Isoline**. Lilac-pink and purplish-rose. 22c each; 3 for 55c; 10 for \$1.60.
- Lohengrin**. Violet-mauve. 20c each; 3 for 50c; 10 for \$1.50.
- Monsignor**. Violet and purple-crimson. 18c each; 3 for 45c; 10 for \$1.30.
- Prosper Laugier**. Coppery-crimson and maroon. 22c each; 3 for 55c; 10 for \$1.60.
- Quaker Lady**. Smoky lavender, yellow and blue. 22c each; 3 for 55c; 10 for \$1.60.
- Queen of May**. Early pink. 22c each; 3 for 55c; 10 for \$1.60.
- Sherwin Wright**. Golden yellow. 16c each; 3 for 40c; 10 for \$1.10.
- SPECIAL**. One each of above. \$1.80; 3 each, \$4.50; 10 each, 100 in all, \$13.50.

The following are first choice of America's Leading Iris Grower.

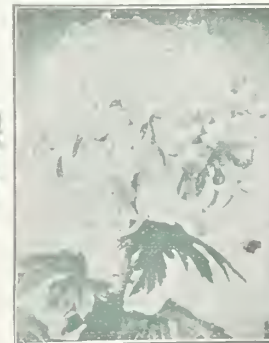
- Ambassador**. Rich reddish-violet, velvety purple, fragrant. 22c.
- Anne Leslie**. S. White; F. dahlia-carmine. Scented, beautiful. 22c.
- Belledonna**. White, spotted and veined blue-purple. Attractive. 22c.



Hardy Sweet Violet



Hardy Carnation



Hardy Chrysanthemum

Cavalier. S. Violet; F. Deep velvety-purple. Outstanding. 22c.
Diadem. A Royal iris. Deep reddish-mauve, fragrant. 22c.
Fro. S. Empire-yellow; F. Velvety oxblood. Scented, rich. 22c.
Helge. A charming yellow. Early, intermediate, scented. 22c.
Mme. Chobaut. Creamy-edged wine; F. Same, scented. 22c.
Parc de Neuilly. Uniform dark violet, late, fragrant. 22c.
White Knight. A dependable pure white, sweet scented. 22c.
SPECIAL. One each of above, \$2.00; 3 each, \$5.00.

The following are alternate choice of America's leading Iris grower.
Apache. A new Indian-red color. Attractive, scented, good. 39c each.
Asia. Beautiful blend lavender and purplish tan. Scented. 39c.
Autumn King. Blue purple. Blooms in June and September. 29c.
Challenger. Dark purple to blackish violet. Large, good. \$1.49.
Georgia. An early, bright, orchid; free flowering pink. Good. 19c.
Gold Imperial. Bright clear uniform rich yellow coloring. 19c.
Medrano. Rich crimson purple. Late, fragrant, charming. 29c.
Mme. Gaudichau. Rich velvety violet purple. Scented. 19c.
Queen Caterina. A great iris, lavender-violet. Scented. 19c.
Taj Mahal. Pure white, though occasionally lighty veined. 29c.
 German Iris in purple, yellow, lavender and blue colors. 15c each; \$1.25 per 10; \$8.00 per 100. In pink and white shades, 20c each; \$1.50 per 10; \$10.00 per 100.

are best for growing indoors for forcing. Narcissus next. Tulips next. Put them in 6-inch pots or boxes six inches deep, filled with garden soil. Plant the bulbs within 2 inches of the bottom, about 3 or 4 inches apart and place outdoors in a well protected corner, covered with leaves to keep away from severe freezing or in a cool cellar, and keep watered until they show 1 inch growth above the surface. Then, gradually bring them to the light and keep well watered until they bloom. In this same way can all kinds of lilies and other spring flowering bulbs be forced with varying results. They must be kept in the dark and watered about once a week until a good root growth is formed and the tops show a little above the surface. We ship boxes of Hyacinths and other bulbs, all ready to bring to the light, which will be in full bloom by Easter time. Write us about them.

White Snowdrops. 35c per doz.; \$2.50 per 100.
Crocus. White, Yellow, Blue, Purple, White, striped Purple, Mixed Colors, 35c per doz.; \$2.50 per 100, \$20.00 per 1,000.
Hyacinths. Single or Double, Colors Dark Red, Pink, Rose, White, Blush White, Light Blue, Dark Blue, Purple, and Yellow. First size bulbs for forcing or outside planting 20c each; \$2.00 per doz.; \$15.00 per 100. Second size, blooming size, 15c each; \$1.50 per doz.; \$10.00 per 100.
Narcissus. Emperor, Empress and Von Sion, 20c each; \$2.00 per doz.; \$15.00 per 100 for first size bulbs. Medium sized bulbs, 15c each; \$1.50 per doz.; \$10.00 per 100. Paper White Narcissus, 15c each; dozen, \$1.50; 100, \$10.00.

Single and Double White and Yellow Jonquils, 75c per dozen; \$5.00 per 100.
Single Early Tulips. Artus, Cottage Maid, Flamingo, Gold Finch, Joost Van Vondel, King of Yellow, Kaiser Kroon, L'Immaculee, LaRein, Rose Gris-de-lin, Thomas Moore, White Swan, Yellow Prince, 1st size bulbs, 75c per 12; \$6.00 per 100. Medium sized, blooming bulbs, 60c per 12; \$5.00 per 100. The following are the same price:
Double Early Tulips. Boule de Nieve, Couronne d'Or, Imperator Rubrorum, Lee Matador, Murillo, Rubra Maxima, Salvator Rosa, Seboonord, Toreador, Tournesol, Yellow Rose.
Darwin Tulips. These have long stems and are best for growing for market, as they bloom in this locality about May 30th, most years.
 Ariadna, Baronne de la Tonnaye, Bartigan, Clara Butt (salmon pink), Flamingo, Glow, Gretchen, Harry Veitch (dark red), La Tulippe Noire (black tulip), Loveliness, Mrs. Potter Palmer, Nauticus, Painted Lady, Phillip de Commine, Pride of Haarlem, Psyche, Rev. H. Ewbank (Heliotope), Sultan, Wm. Copeland, Yellow Darwin (yellow).
May or Cottage Tulips. Gesneriana Lutea, Gesneriana Spathulata, Inglescombe pink, Inglescombe yellow (yellow Darwin), La Merveille, Picotee.
Parrot Tulips. Constantinople, Glorissa, Lutea Major, Markgraaf of Baden, Perfecta. Price of above Tulips of all kinds, 1st size, 75c per 12; \$6.00 per 100. Medium size, 60c per 12; \$4.50 per 100. Mixed bulbs of assorted colors, 60c per 12; \$4.50 per 100, for first size bulbs. Write for prices by the 1,000 or more.

PLANTS ESPECIALLY ADAPTED FOR ROCK GARDENS

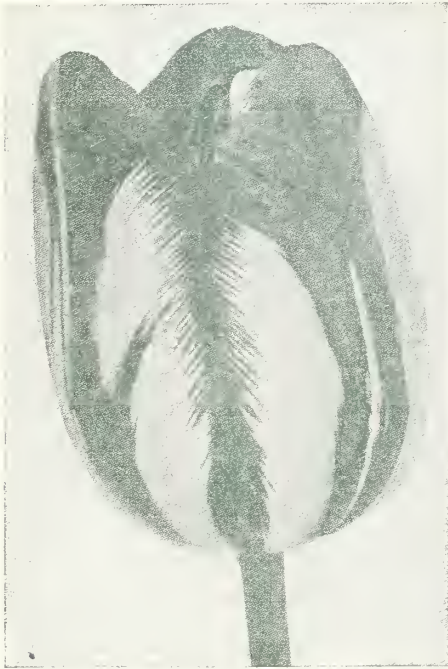
First Choice

	Height	Color	each	10
Alyssum Saxatile Compactum.....	6-12 in.	Yellow	\$.15	\$1.20
Anchusa Myosotidiflora.....	12 in.	Blue	.30	2.40
Arabis Alpina.....	2 in.	White	.18	1.40
Anemone Pulsatilla.....	12-18 in.	Purple	.22	1.80
Aquilegia Flabellata Nana Alba.....	8-10 in.	White	.30	2.40
Aubretia Eyri.....	Creeping	Purple	.35	3.00
Campanula Carpatica.....	12 in.	Blue	.22	1.80
Campanula Muralis.....	6 in.	Blue	.60	5.00
Carastium Tomestosum.....	6 in.	White	.22	1.80
Dianthus Plumarius Semperflorens fl. pl.....	1 ft.	Various	.18	1.40
Dianthus Deltoides.....	6 in.	Pink	.18	1.40
Gypsophilla Repens.....	3 in.	Pink	.18	1.20
Nepeta Mussini.....	18 in.	Blue	.20	1.60
Pentstemon Pubescens.....	24 in.	Violet-Pink	.20	1.60
Phlox Subulata Alba.....	Prostrate	White	.18	1.40
Phlox Subulata Rosea.....	Prostrate	Rose	.18	1.40
Primula Cashmeriana.....	Prostrate	Purplish-blue	.50	4.00
Saxifrage Megasea Hybrids.....	Prostrate	Pink shades	.25	2.20
Sempervivum Tectorum.....	2 in.		.18	1.20
Sedum Acre.....	2 in.	Yellow	.18	1.20
Sedum Sarmetosum.....	Prostrate		.18	1.40
Sedum Sieboldi.....	6 in.	Pink	.35	3.00
Tunica Saxifraga.....	Trailer	Pink	.18	1.20
Veronica Rupestris.....	Trailer	Purple	.22	1.80
Viola Floaire.....	6 in.	Purple	.20	1.60

PLANTS FOR ROCK GARDENS

Second Collection

	Height	Color	each	10
Achillea Tomentosa.....	6 in.	Yellow	.22	1.80
Aethionema Persicum.....	6 in.	Pink	.22	1.80
Alyssum Serpyllifolium.....	4 in.	Yellow	.22	1.60
Arenaria Montana.....	1 in.	White	.25	2.00
Armeria Laucheana.....	3-6 in.	Rosy-red	.22	1.80
Aster Alpinus Goliath.....	6-10 in.	Purple	.25	2.00
Campanula Carpatica Alba.....	12 in.	White	.22	1.80
Campanula Rotundifolia.....	12 in.	Blue	.22	1.60
Cheiranthus Allioni.....	12 in.	Orange	.18	1.20
Dianthus Alpinus Allwoodi.....	6 in.	Rose	.50	4.00
Euphorbia Myrsinites.....	6 in.	Yellow	.22	1.80
Heuchera Sanguinea.....	12-18 in.	Crimson	.50	4.00
Hypericum Reptans.....	Prostrate	Golden	.60	5.00
Iris Pumila Sambo.....	4 in.	Blue	.25	2.00
Linum Narbonnense.....		Blue	.22	1.60
Papaver Alpinum.....			.22	1.60
Plumbago Larpentae.....	6-8 in.	Blue	.22	1.80
Saxifraga Decipiens.....	3 in.	White	.30	2.60
Saxifraga McNabiana.....	3 in.	White	.30	2.60
Saponaria Ocyroides Splendens.....	6 in.	Rose	.18	1.20
Sedum Kamschaticum fol. var.....	4 in.	Orange	.22	1.80
Sedum Pruniatum Forsterianum.....		Yellow	.22	1.80
Thymus Serpyllifolium Splendens.....	3 in.	Crimson	.25	2.00
Viola G. Wermig.....	6 in.	Violet-Blue	.22	1.80
Viola Gracilis.....	6 in.	Purple	.30	2.40



Dutch Spring Flowering Bulbs

Plant in September, October and November
 Crocus, Hyacinths, Narcissus, Tulips and other bulbs that bloom in the spring must be planted in the fall for the best results, but we often fill orders for people who want to see the bulbs in full bloom, in the spring. We take them up carefully and if care is taken in planting, they will go on and bloom nicely the next year. The first to bloom is the Snowdrops, which often show before the snow is off. These are followed by the Crocus, Hyacinths, Narcissus and Tulips, the last of the Tulips lasting until about the middle of June. Plant from 3 to 6 inches deep, depending on the size of the bulbs. Use bone meal as fertilizer, never using fresh manure, as it tends to rot the bulbs. Well rotted manure such as comes from spent hot beds or that which has been exposed for a year to the weather is good and won't cause trouble. If snow drifts over the beds in cold climates, the results are better, so try to catch the snow with brush or snow fences, etc. The bulbs may be left in the beds for three or four years and then should be taken up and replanted, but it never as good to bloom as they are the first year after being imported from Holland, especially is this true of Hyacinths. Hyacinths

DAHLIAS

The Dahlia blooms in September and October and is very popular with many people. They are as easily grown as potatoes and require about the same culture. When blooming, they require plenty of moisture and this is why they always bloom so nicely when the fall season is wet. They should be dug and stored for the winter, much like potatoes. Before planting in the spring, the "clumps" should be divided, leaving a piece of the old flower stalk, which contains the "eye" on each tuber. Plant as early in spring as the ground can be worked readily, about the same time as Indian corn. This year, we list several varieties each of the different classes of Dahlias.

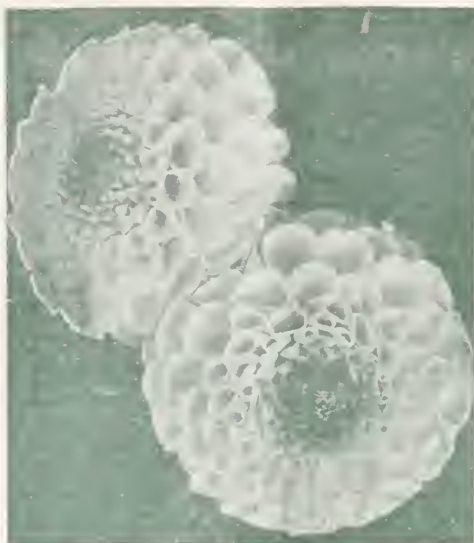
Strong Divisions, Write for prices by dozen or 100.

LIST OF DECORATIVE VARIETIES

- Allice Alexander. Rich brick red, veined orange. \$1.00.
- Alma Alexander. Deep orange and scarlet, 6-8 in. across, \$1.00.
- America's Glory. Bright scarlet, tipped white, 7-10 in., \$1.00.
- Amulet. Copper golden bronze, \$1.00.
- Avalon. Pure yellow, 50c.
- Bashful Giant. 50c.
- Betty Alexander. Persian lilac, veined yellow, 6 in., \$1.00.
- Bonnie Brae. Peach and cream color, 50c.
- Camden Currier. Bronze, \$1.00.
- Casper G. Ware. Violet-rose, 8-10 in., \$1.00.
- Catharine Alexander. Light rose, 6 in., \$1.00.
- Champagne. Warm autumn shade, 50c.
- Charlotte Alexander. White, slightly edged purple, \$1.00.

City of Trenton. (Decorative.) A wonderful new decorative that has all the qualifications of a first-class exhibition flower. An autumn colored dahlia with a wonderful sheen and luster. The face of the petals is a glowing tangerine, while the reverse is a crushed strawberry red, giving a two-toned effect. Flower held erect on fine, long stems it is a superb variety of great beauty. \$1.50.

- Dr. Tevis. Salmon-rose, 50c.
- Darlene. Shell pink, 25c.
- Eagle Rock Beauty. Pink and cream, \$1.50.
- Edith Beryl. Yellow, running in several tones, large, \$1.00.
- Edna Ferber. Coral, shading old gold, \$1.00.
- Eldorado. Vivid Gold, \$1.00.
- Eleanor Grant. Cameo pink, almost white, tinted yellow, 50c.
- Elinor Vanderveer. Rose-pink, 50c.
- Elite Glory. Brilliant rich red, immense, \$1.00.
- Elkridge. Hybrid cactus type, white, \$1.00.
- Eva Pelacano. White, large, 50c.
- Eventide. Flesh white, 25c.
- F. L. Millis. Yellow and orange, 50c.
- Fort Monmouth. (Kemp.) One of the giants of the Dahlia world. The predominating color is a rich crimson maroon, with shading of bluish violet at tips of petals, of immense size, frequently attaining to full 13 inches in diameter. Very prolific bloomer. \$2.00.
- Flying Ambassador. White, with touch of lavender, very large, \$1.00.
- Frank A. Walker. Deep lavender-pink, 25c.
- George H. Carr. Beautiful magenta, 50c.
- George Walters. Coppery old gold, 50c.
- Gilda Gray. (Decorative.) (F. & M.) This is a flower of pure lilac color shading to deep Tyrian rose towards the center of the flower, giving an effect of great depth. Slender but stiff stems. \$1.00.
- Gloriana. Pure gold, immense, 50c.
- Gov. Alvant Fuller. Rich Tyrian rose, \$2.00.
- Ida Perkins. (Decorative.) Beautiful white heavy blossom with cream colored center, excellent long stems. A very strong grower; blooms spread about 8 inches. Bushes from 5 feet high. \$1.00.
- Jack Rose. Dark red, 25c.
- Jacques Futrelle. \$1.00.
- Jane Cowl. Glistening bronzy buff and old gold, \$1.00.
- Jean Hare. Yellow and apricot, \$2.00.
- Jersey Beacon. Scarlet, 50c.
- Jersey Beauty. True pink, 50c.
- Jersey Ideal. Lavender pink, \$1.00.
- Jersey Sunshine. Buttercup yellow, \$1.00.
- Judge Marean. A blending of salmon-pink, red, orange, yellow and gold, large, \$1.00.
- Junior. Lavender, largest flower, 50c.
- Kathleen Norris. (F. & M.) A bloom of gigantic proportions. We believe we can conscientiously state it is the greatest pink Decorative Dahlia in commerce today. Color a true rose pink, later deepening to mallow pink, but paler in the young central petals. Broad, overlapping petals with twisted ends, filled to the center. Foliage dark green and leathery. Great bloomer and excellent keeper. \$3.00.
- King of the Garden. Pink and gold, 50c.
- La Paloma. Orange and yellow, 50c.
- Margaret K. Alexander. Antimony yellow, veined orange, \$1.50.
- Margaret Woodrow Wilson. Opalescent pink, \$1.00.
- Millionaire. Delicate lavender, 50c.
- Mina Burgle. Glowing scarlet, 25c.
- Mons le Normand. Rich yellow, penciled red, 50c.
- Mordella. Apricot-buff, \$1.00.
- Mrs. Carl Salbach. Mauve-pink, 50c.
- Mrs. Edith Hayward. Lemon yellow, 6-8 in., 50c.



WHITE DAHLIAS (SHOW)

- Mrs. Ida de Ver Warner. Mauve-pink, 50c.
- Nanaquaket. Delicate orchid pink, \$2.00.
- Polar Snow. Large, pure white, \$1.00.
- Pride of California. Huge, crimson red, 50c.
- Pride of Stratford. Orange, shading slightly to yellow, \$1.00.
- Ralph Blodgett. Red, yellow and white, 50c.
- Robert Scott. Yellow, suffused rose, \$1.00.
- Roman Eagle. Burnished copper, 10 in., 50c.
- Rosa Nell. Bright rose, 50c.
- Rosa Alexander. Chrome orange, tipped white, \$2.00.
- Rose Fallon. Old gold, giant, \$1.00.
- Salem Pride. Very large flower of most attractive color combination, front of petals rhodamine purple streaked with white and most clear white at tips. \$3.00.
- Sanican's Gem. Old gold, \$1.00.
- Sanican's King. Red, \$1.00.
- Sanican's Ruby. Light crimson, \$1.00.
- Santa Ana. Rose, suffused gold, \$1.00.
- Sagamore. Rose, shaded buff, 50c.
- Snowdrift. White, giant, 50c.
- Somerset. Salmon and old rose, \$1.00.
- Souv. de G. Doazon. Orange, red, 25c.
- The Lemonade. Lemon yellow, \$1.00.
- Tryphinea. Bright pink, 50c.
- Walkover Prince. Nopal red, tipped yellow, \$2.00.
- Wilhelm Miller. Purple, 25c.
- Wm. H. Slocombe. Largest pale yellow, 50c.
- W. J. Irwin. Lavender purple, \$1.50.
- Yankee King. Strawberry pink, center petals turn to red, \$1.00.

CACTUS DAHLIAS

- Andreas Hoffer. Pink and white, \$1.00.
- Golden Ace. \$2.00.
- Bride's Bouquet. White, 25c.
- Chemar's Masterpiece. Violet and purple, \$1.00.
- Elsa Bonnell. Deep velvety carmine, 50c.
- Etendard de Lyon. Carmine-rose, 50c.
- Gen. J. B. Seth. Scarlet, 50c.
- Jersey Mammoth. Golden mahogany, \$1.50.
- Libelle. Rose-purple, 25c.
- Mrs. C. B. Benedict. Clear yellow, 8-10 in., 50c.
- Mrs. Ethel E. T. Smith. White, shading to greenish lemon, 50c.
- Mr. Seagrave. Deep purple, 25c.
- Mt. Shasta. Orchid-pink, 50c.
- Nature's Jewell. Orchid-pink, 7-9 in., \$1.00.
- Roycroft. Golden bronze, 50c.
- Tusty. Velvety maroon, 50c.
- The Eagle. Pure yellow, 50c.
- W. B. Childs. Dark purple maroon, 25c.

Samuel T. Alexander. (Hybrid Cactus.) One of the finest of this type grown. With no special care the flowers will grow ten inches across, and the color is something new; technically it is a Japan rose which is a buff with a tinge of pink in it, and the reverse of the petals is Corinthian red. The stems grow eighteen inches to two feet long and the habit of the plant is perfect. \$3.00.

PEONY FLOWERED DAHLIAS

- Achievement. Rich velvety maroon, collarette, 25c.
- Bertha Paulding. Rose pink, 25c.
- Bessie Seabury. White and mallow pink, 25c.
- Chanson. Deep lilac, 25c.
- Cleopatra. Yellow, 25c.
- Ellen E. Kelley. Golden yellow, 25c.
- E. T. Titus. Yellow, 50c.
- Latona. Orange, buff and yellow, 25c.
- Mina Seabury. Sulphur-yellow, 25c.
- Mrs. Jacques Futrelle. Lemon yellow, 25c.
- Mrs. H. W. Crowell. Orange-yellow, 25c.

SHOW AND FANCY DAHLIAS

- A. D. Livonia. Soft pink, 25c.
- Arabella. Sulphur yellow, tipped pinkish white, 25c.
- D. M. Moore. Darker than deep maroon, 50c.
- Globe de Nantes. Bright scarlet, 25c.
- Glorie de Guiscard. Orange red, yellow, pink and white, 25c.
- Imperial. Purplish-maroon, 25c.
- James Vick. Purple crimson, 25c.
- Les Armours de Madame. Pale rose, striped scarlet, 25c.
- Lucy Faucett. Pale yellow, striped magenta, 25c.
- Maude Adams. Showy white, 50c.
- Mayor Dunn. Scarlet, 25c.
- Miss Helen Hollis. Deep scarlet, 50c.
- Polly Sandall. Bronze-yellow, 25c.
- Princess Victoria. Canary yellow, 25c.
- Robert Broomfield. Pink, white, 25c.
- Rose. Deep rose, 25c.
- Rosebud. White, edged pink, 25c.
- Storm King. Pure white, 25c.
- Stradella. Purple-crimson, 25c.
- Uncertainty. Shell-pink and scarlet, 25c.
- Vivian. White, edged violet, 25c.
- White Swan. Pearly white, 25c.

POMPON DAHLIAS

- Amber Queen. Amber, shaded apricot, 25c.
- Challenge. Red and white, 25c.
- Clara Harsch. Yellow, tipped carmine, 25c.
- Fashion. Orange, 25c.
- Golden Gem. Pure yellow, 50c.
- Golden Queen. Yellow, 25c.
- Lassie. Yellow, edged white, 25c.
- Little Marion. Soft salmon pink, veined crimson, 25c.
- Prince Charming. Cream, tipped purple, 25c.
- Raphael. Very dark maroon, 25c.
- San Toy. White, tipped crimson, 25c.

DAHLIAS TO COLOR

- Red and Red shades, \$1.00 per 10; \$7.50 per 100.
- Orange and Orange shades, \$1.00 per 10; \$7.50 per 100.
- Yellow and Yellow shades, \$1.00 per 10; \$7.50 per 100.
- White, \$1.00 per 10; \$7.50 per 100.
- Maroon and Dark shades, \$1.00 per 10; \$7.50 per 100.
- Purple and Purple shades, \$1.00 per 10; \$7.50 per 100.
- Pink and Pink shades, \$1.00 per 10; \$7.50 per 100.

Butler Co., Pa., May 20th, 1931.
I received the Dahlia bulbs in good condition.
Mrs. Howard McCoy.
Wayne Co., N. Y., May 8th, 1931.
Received the Dahlias and was delighted with them.
Mrs. Chas. Mintz.
Bellevue Co., N. J., May 16th, 1931.
Received my Dahlia roots and I was surprised to get such nice roots for so little money.
Mary R. Conrad.
Fairfield Co., Conn., Jan 12th, 1931.
I cannot speak too highly of your A-1 dust and your Pomodust.
Mrs. Edla Stahlin.
Cayuga Co., N. Y., Jan. 20th, 1931.
My Mastodon strawberries were very nice this fall.
I think that everything I bought of you in 1918 lived and did well.
Mrs. Kate R. Hall.

Outstanding Shrubs

There are a few shrubs that every house owner should have and there are others that it would be nice to have, if you feel that you can afford it. If I were to help select the most useful and satisfactory shrubs for a person of very little experience, I should select the following: - Spirae Van Houtte, Hydrangea, P. G., Virginal Mock Orange, French Budded Lilacs, Japanese Snowball, Japanese Quince, Flowering Almond, New Red Leaved Barberry, Weigelia Rosae, Butterfly Bush and Hills of Snow Hydrangea. If I could afford but one shrub, it would be Spirae Van Houtte, if another, it would be Hydrangea Paniculata Grandiflora.

L. J. FARMER.

PEONIES

The following list of Peonies will be found to be most satisfactory. They have been selected after consultation with the best authorities on peonies in the United States. If in want of other varieties of peonies, send for our most complete list of Up-to-Date Peonies; we have not room to list them all here. The figures after each name of variety, represent the rating given them by the American Peony Society, on a basis of 10 for perfect. Our peony roots are carefully dug and the roots carefully pruned and shortened, ready for planting. We offer only strong divisions with 3 to 5 eyes, cut from mature plants, the best to be had.

Note. We have put the price of our Peonies down to rock bottom this year. Order early, as they will go fast at these prices.



Sarah Bernhardt

Four Good Peonies

The following four make a worthy collection which should have a place in every garden. We recommend ordering them, if you can afford but 4 good peonies. At catalog prices they amount to \$2.80. We will supply them for \$2.50. **Festiva Maxima** (white), **Edulis Superba** (mauve-pink), **Monsieur Jules Elie** (rose-pink) and **Felix Crousse** (ruby-red).

Peonies According to Color

We will supply good strong divisions of desirable peonies not named, at following prices. **White** Varieties 35c each, 3 for \$1.00. **Pink** Varieties 30c each, 4 for \$1.00. **Red** Varieties 60c each, 3 for \$1.50. One each, white, pink and red \$1.20. Special prices on 100 and 1000 lots.

The 5 Outstanding Peonies

Regardless of price, the best five peonies are LeCygne, Solange, Therese, Kelway's Glorious and Richard Carvel. We will send one large division of each for \$14.00. Regular price, \$15.50.

White Varieties

Avalanche 8.7. Large, globular, snow-white, with collar of creamy-white. Center tinted lilac-white, with some petals edged carmine. Tall, strong, upright grower, free bloomer. Late midseason. 50c each.

Baroness Schroeder 9.0. Globular. Opens delicate flesh white, changing to creamy-white. Rose fragrance, Strong, upright grower. Late midseason. 90c.

Couronne D'Or 8.1. Pure white, with bright yellow stamens and carmine tips on a few of the center petals. Splendid grower, late midseason. Semi-rose form. 50c.

Duchesse D'Nemours 8.1. Crown type. Clear white with sulphur-white collar and greenish reflex at the center. Medium height, vigorous grower. Early. Fragrant. 50c.

Festiva Maxima 9.3. Most popular white variety. 50c.

Kelway's Glorious 9.8. Rose type. Opens white suffused delicate flesh pink, changing to purest white. Guard petals tinted pink and slightly streaked carmine. \$4.50 each.

Marie Jacquin 8.3. Delicate flesh tint, changing to lilac-white. Semi-double flower, but often single on young plants. Strong grower, free bloomer. Globular. Midseason, very interesting. 70c.

Marie Lemoine 8.5. Pure white, shading to creamy-white in the center, with slight carmine markings on some petals. Fragrant. Rose form. Dwarf plant with strong stems. Very late. 80c.

James Kelway 8.7. Opens dainty flesh-pink, changing to flesh-white. Flowers immense, semi-rose type. Plant vigorous, doing best on clay soils. \$1.20.

LeCygne 9.9. Perfect rose type. Color creamy-white with a greenish luminosity at the heart changing to pure white. Often called, "The Swan." Fragrant, midseason. Voted the nearest perfect peony by the American Peony Society. Each \$4.50.

Solange 9.7. Perfect rose type. Deep canary-white shaded orange-salmon at the heart and suffused with a hue of reddish-brown, suggesting the "Tea Shade" of the millinery trade. Vigorous, tall, strong, late. Rivals LeCygne for the first place. \$2.25.

PINK VARIETIES OF PEONIES

Edulis Superba 7.6. Mauve-pink; fragrant and early. 60c.

Albert Crousse 8.6. Soft shell-pink. Ball-shaped. large blooms. Tall, erect. Late. 60c.

Eugenie Verdier 8.6. Hydrangea-pink, outer petals lighter, with center deeper, lightly flecked crimson. Fragrant and fine for cut flowers. Crown type. 50c.

Livingstone 8.1. Imbricated petals, pale lilac-rose, silvery tipped; center petals flecked with carmine. Rose type, strong grower, late. 70c.

Marguerite Gerard 8.4. Semi-rose. Pale, Hydrangea pink changing to creamy-white; center petals minutely flecked dark carmine. Strong growers, free bloomer. Late midseason. 60c.

Mons. Jules Elie 9.2. Largest and most striking pink. \$1.00.

Sarah Bernhardt 9.0. Semi-rose type. Mauve-rose tipped silver; delightfully fragrant; strong, vigorous, late midseason. 75c.

Therese 9.8. Full rose type. Light violet-rose, shading to lilac-white at the center. Fragrant, midseason. One of the three greatest. \$2.25.

RED VARIETIES OF PEONIES

Benjamin Franklin 8.1. Semi-rose. Brilliant crimson, shaded darker at the base of petals. Tall, erect, early midseason. 70c.

Felix Crousse 8.4. The best red for cut flowers. 70c.

Karl Rosenfield 8.8. Best all-around red peony. Semi-rose type. Velvety crimson. Vigorous grower, midseason. 80c.

Longfellow 9.0. Semi-rose form. Brightest crimson, with cherry tone and without the violet hues which are so objectionable to many; the most brilliant red peony. Good grower; late midseason. \$2.00.

Richard Carvel 8.8. Bomb type. Earliest of the reds to bloom. Uniform bright crimson. Fragrant, good grower. \$2.00.

M. Martin Cahuzac 8.8. Semi-rose type. Dark purple-garnet, with a black reflex and golden stamens. Midseason, good grower. The darkest good peony. \$2.00.

PERENNIAL PHLOX

We have a fine supply of Hardy Phlox, at least 50,000 plants of the very best colors. Note our low prices. Special prices by the 100 and 1000.

Michael Buchner. Beautiful wisteria-lavender color, tall growing and vigorous. 1 yr. 15c each; \$1.20 per 10; \$10.00 per 100. 2 yr. 25c each; \$2.25 per 10; \$18.00 per 100.

Europa. White, with crimson eye or center, very vigorous and healthy. 1 yr., 15c each; \$1.20 per 10; \$10.00 per 100. 2 yr. clumps, 25c each; \$2.25 per 10; \$18.00 per 100.

Iris. Light purple or lavender. 1 yr., 15c each; \$1.20 per 10; \$10.00 per 100. 2 yr. clumps, 25c each; \$2.25 per 10; \$18.00 per 100.

F. G. Von Lassburg. Pure white, immense panicles, tall grower. 1 yr., 15c each; \$1.20 per 10; \$10.00 per 100. 2 yr. clumps, 25c each; \$2.25 per 10; \$18.00 per 100.

Mrs. Jenkins. The well-known medium, early white, very satisfactory. 1 yr., 15c each; \$1.20 per 10; \$10.00 per 100. 2 yr. clumps, 25c each; \$2.25 per 10; \$18.00 per 100.

Champ de Elysees. Bright, rosy magenta, with broad flower heads. One of the very prettiest. 1 yr., 20c each; \$1.80 per 10; \$15.00 per 100. 2 yr. clumps, 30c each; \$2.50 per 10; \$20.00 per 100.

R. P. Struthers. Cherry-red, suffused salmon. 1 yr., 20c each; \$1.80 per 10; \$15.00 per 100. 2 yr. clumps, 30c each; \$2.50 per 10; \$20.00 per 100.

Miss Lingard. Beautiful pure white. Blooms July 4th and lasts for weeks, the earliest of all phloxes and lasts the longest; fully a month earlier than others. Very unique. 1 yr., 20c each; \$1.80 per 10; \$15.00 per 100. 2 yr. clumps, 30c each; \$2.50 per 10; \$20.00 per 100.

H. O. Wigers. White, with crimson center; similar to Europa, but earlier and not so tall. 1 yr., 20c each; \$1.80 per 10; \$15.00 per 100. 2 yr. clumps, 30c each; \$2.50 per 10; \$20.00 per 100.

XXX Phlox. Beautiful shade of pink. 1 yr., 20c each; \$1.80 per 10; \$15.00 per 100. 2 yr. clumps, 30c each; \$2.50 per 10; \$20.00 per 100.

Lothair. Bright crimson. 1 yr., 20c each; \$1.80 per 10; \$15.00 per 100. 2 yr. clumps, 30c each; \$2.50 per 10; \$20.00 per 100.

Eclairer. Bright, rosy carmine. 1 yr., 20c each; \$1.80 per 10; \$15.00 per 100. 2 yr. clumps, 30c each; \$2.50 per 10; \$20.00 per 100.

Rijnstrom. Lively shade of rose-pink, very large. 1 yr., 20c each; \$1.80 per 10; \$15.00 per 100. 2 yr. clumps, 30c each; \$2.50 per 10; \$20.00 per 100.

Rhinlander. Beautiful salmon pink. 1 yr., 20c each; \$1.80 per 10; \$15.00 per 100. 2 yr. clumps, 30c each; \$2.50 per 10; \$20.00 per 100.

Sir Edward Landseer. 1 yr., 20c each; \$1.80 per 10; \$15.00 per 100. 2 yr. clumps, 30c each; \$2.50 per 10; \$20.00 per 100.

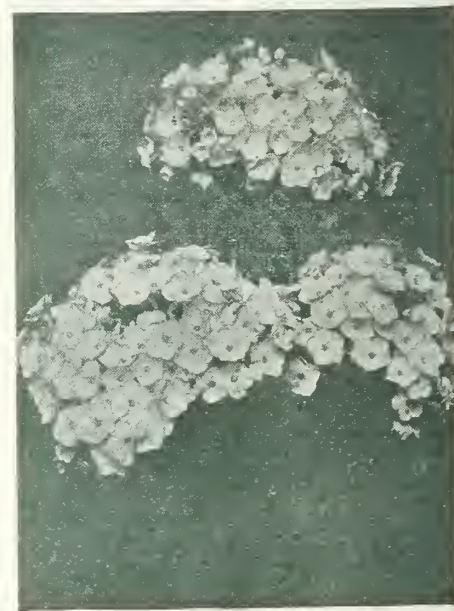
Commander. New. The most striking of all phloxes. The color is a brilliant deep crimson-red with slightly darker eye. Grows 24-30 inches with many spikes creating a wonderful display of color. The most beautiful and persistent blossoming red phlox I have ever seen. L.J.F. 1 yr., 40c each; \$3.50 per 10; \$30.00 per 100. 2 yr. clumps, 60c each; \$5.00 per 10; \$40.00 per 100.

Beacon. Brilliant cherry-red. Grows 36 in. high on strong stems. All excellent variety and one of the best of its color. 1 yr., 20c each; \$1.80 per 10; \$15.00 per 100. 2 yr. clumps, 30c each; \$2.50 per 10; \$20.00 per 100.

Bennington Co., Vt., May 31st, 1931.

Plants received in good order.

E. L. Wyman.



Hardy Phlox, Mrs. Jenkins

Yates Co., N. Y., Aug. 11th, 1931.

The Plum Farmer berry plants that I got of you this spring (16000), have made the largest growth of any I have ever planted. The state inspector said they were the best field he had seen this year.

H. A. Tuttle.

Oneida Co., N. Y., August 11th, 1931.

Let me know if you have any early bearing strawberry plants. I ordered some plants of you before and found them very satisfactory.

Adolf Kanwischer.

Warren Co., N. J., Aug. 17th, 1931.

Received strawberry plants O. K. They are very fine and are looking better every day.

Miss Zelda M. Walter.

St. Lawrence Co., N. Y., Nov. 10th, 1931.

The roses I bought of you last spring have grown about 3 feet high. How is the best way to take care of them?

Al Millard.

Cumberland Co., N. J., Oct. 22nd, 1931.

The raspberry plants I bought of you this spring are doing very fine. I have lost but few.

E. Locher.

Middlesex Co., Mass., Oct. 8th, 1931.

The plants arrived in good condition.

Elijah Davis.

GLADIOLUS

We consider the gladiolus the most popular flower of the day. As a cut-flower and for funeral work they are unsurpassed. If cut when the first flower on the spike opens, they will continue to bloom right out to the tip end and last a week or more, and he even more beautiful. If set early, some of the earliest kinds will bloom in a few weeks; and if set late, the last spikes of the late varieties will be hardly out of the way when hard freezes come. Beautify your home and plant at least a dozen gladiolus bulbs. Our bulbs are plump and healthy.



The Following List of Gladiolus Contains Varieties of Superior Merit, at a Moderate Price.

Aflame.....	\$.30	\$1.75	\$10.50
Anthony Zonker.....	.20	1.25	7.00
Aristocrat.....	.20	1.25	7.00
Betty Joy.....	.25	1.50	8.75
Carolus Clusina.....	.20	1.25	7.00
Catharine Coleman.....	.20	1.25	7.00
Emile Auhrun.....	.30	1.75	10.50
Emile Lemoine.....	.30	1.75	10.50
Eugene Le Fehvre.....	.30	1.75	10.50
Europa.....	.30	1.75	10.50
Exquisite.....	.30	1.75	10.50
Gloriana.....	.20	1.25	7.00
Gold Eagle.....	.20	1.25	7.00
Golden Dream.....	.20	1.25	7.00
Indian Summer.....	.20	1.25	7.00
Jap Lady.....	.40	2.50	14.00
Jean Du Tallies.....	.30	1.75	10.50
Kunderd's Yellow Wonder.....	.20	1.25	7.00
Longfellow.....	.20	1.25	7.00
Marmora.....	.50	3.00	17.50
Mrs. F. C. Hornberger.....	.20	1.25	7.00
Orange Smoke.....	.20	1.25	7.00
Pearl of California.....	.30	1.75	10.50
Pfitzer's Triumph.....	.30	1.75	10.50
Phenomen.....	.20	1.25	7.00
Mrs. Calvin Coolidge.....	.30	1.75	10.50

The Very Choicest of the New and Rare Varieties For Those Who Want the Very Best Gladiolus.

Variety	Single Bulb	Dozen
Angel's Dream.....	\$.75	\$ 6.50
Betty Nuthall.....	.35	2.75
Andy Gump.....	.70	5.50
Com. Koehl.....	1.50	13.00
Coronado.....	.50	4.25
Coryphee.....	.50	4.25
Damascus.....	.70	5.50
Gertrude Pfitzer.....	1.75	15.50
Heavenly Blue.....	.40	3.25
Hinemoa.....	1.25	10.50
Lavender Bride.....	.35	2.75
Littlejohn.....	.70	5.50
Mammoth White.....	.90	8.00

Margaret Stevens.....	.70	5.50
Mihloom.....	.35	2.75
Monarch of the Glen.....	1.75	15.50
Mother Machree.....	.70	5.50
Netherland Prince.....	2.50	21.00
Princess Pat.....	1.25	10.50
Queen Anne.....	1.25	10.50
Ramesses.....	7.00	65.00
Rippling Waters.....	.70	5.50

List of Well Known Gladiolus
 America, Avalon, Anthony Kunderd, Anthony Yonker, Buckeye, Bumhle Bee, Chris, Colleen, Capt. Boynton, Carmcn Sylvia, Challenger, Evelyn Kirtland, E. J. Shaylor, Flaming Vale, Fire King, Gloriana, Goshen, Georges White, Halley, J. H. Neely, Kasson, Kunderd Pink, Lilac Old Rose, Le Marachel Foch, Mary Jewel, Mrs. A. King, Marion, Mrs. A. Walker, Mrs. Dr. Norton, Mrs. Frank Pendleton, Miss Madison, Minuet, Mary Jewel, Mrs. Geo. Moulton, Newton W. Wentwood, Panama, Peace, Prince of Wales, Peep O Day, Purple Spot, Priority, Rosalind, Romance, Rose of 1910, Ruth Huntington, Rose Glow, Salmon Plume, Shell Pink, Snow Boy, Salmon Buff, Violet Beauty, Virginia, Virginia Hale, Willbrink, Bulbs 1 to 1 1/2 inches, 8c each; 60c per 10, \$4.00 per 100. Bulbs 1 1/2 to 2 1/2 inches, 10c each; 75c per 10; \$5.00 per 100.

PRICE LIST OF GLADIOLUS

Farmer's Standard Mixture. A good mixture of almost all the well known varieties. When we lose the labels of a variety, no matter how rare or expensive, these hulhs go into the standard mixture. 1 to 1 1/2 inch, 40c per 10; \$3.00 per 100. 1 1/2 to 2 1/2 inch 75c per 10; \$5.00 per 100. Bulblets, 20c per 100; \$1.00 per 1000.
Farmer's Famous Mixture. One hulh each of the choicest varieties. When orders are filled the person who fills the order goes from one container to another and picks out one hulh of each variety. 1 to 1 1/2 inch, 90c per 10; \$6.00 per 100. 1 1/2 to 2 1/2 inch, \$1.00 per 10; \$7.00 per 100. Bulblets, 50c per 100; \$1.50 per 1000.
Farmer's Superfine Mixture. This is gotten together for those who want the best of the rarer varieties and the best comparatively new varieties. 1 to 1 1/2 inch hulhs, \$2.00 per 10; \$10.00 per 100. 1 1/2 to 2 inch hulhs, \$2.50 per 10; \$15.00 per 100. Bulblets, \$1.00 per 100; \$3.00 per 1000.

Farmer's Superb Flower Seeds

- Aguilegia (Columbine). Pkt., 10c.
- ASTERS**
 Late Branching Asters. Colors: Purple, lavender, white, rose pink or mixed. 10c per pkt. or 4 for 30c.
- SWEET ALYSSUM**
 Martium. Pkt., 10c.
- SNAPORAGON OR ANTIRRHINUM**
 Giant Flowering. 10c per pkt.
- CANDYTUFT OR IBERIS**
 Finest Mixed. Pkt., 10c.
- CALENDULA OR POT MARIGOLD**
 Orange King. 10c per pkt.
 Lemon Queen. 10c per pkt.
 Finest Mixed. 10c per pkt.
- CANTERBURY BELLS (Campanula medium)**
 Single Mixed. 10c per pkt.
 Cup and Saucer Mixed. 10c per pkt.
- CENTAUREA (Bachelor Button or Cornflower)**
 Double Blue. Pkt., 10c.
 Mixed. Pkt., 10c.
- COCKSCOMB**
 True Cockscomb. Pkt., 10c.
- COREOPSIS**
 Lanceolata. Pkt., 10c.
- COSMOS**
 Giant Early Blooming. Pkt., 10c.
- DELPHINIUM (Larkspur)**
 Belladonna. Pkt., 10c.
 Bellamosum. Pkt., 10c.
 Gold Medal Hybrids. Pkt., 10c.
- OIANTHUS (China Pink)**
 Oouble Mixed. Pkt., 10c.
- DIGITALIS (Foxglove)**
 All Colors Mixed. Pkt., 10c.
- ESCHSCHOLTZIA (California Poppy)**
 Golden West. Pkt., 10c.
 Crimson King. Pkt., 10c.
 Finest Mixed. Pkt., 10c.
- FORGET-ME-NOT (Myosotis)**
 True Forget-Me-Not. Pkt., 10c.
- GAILLARDA (Blanket Flower)**
 Perennial. Pkt., 10c.
- GYPSOPHILA (Baby's Breath)**
 Perennial. Pkt., 10c.
- STRAW FLOWER (Helichrysum)**
 In Mixed Colors, yellow, orange, red, pink, white. Pkt., 10c.
- HOLLYHOCKS**
 Oouble, pink, white, rose, red, yellow. 10c per pkt.
 Single, mixed. 10c per pkt.
- ANNUAL LARKSPUR (Delphinium ajacis)**
 Tall Branching Mixed. Pkt., 10c.
- LUPINES**
 Tall Annual Mixed. Pkt., 10c.
 Perennial Lupine. Pkt., 10c.
- MARIGOLD**
 Tall African. Double mixed. Pkt., 10c.
 Dwarf French. Pkt., 10c.
- MIGNONETTE**
 Choice Mixed. Pkt., 10c.
- MORNING GLORY**
 Old Fashioned Tall Morning Glory. Pkt., 10c; 1/4 lb., 35c.
- NASTURTIUMS**
 Farmer's Giant Flowering Dwarf. Pkt., 15c; 1/4 lb., 40c; 1 lb., \$1.25.
 Farmer's Tall Climbing. Pkt., 10c; 1/4 lb., 40c; 1 lb., \$1.25.
- PANSIES**
 Farmer's Giant Mixture. Pkt., 10c; 1/2 oz., \$1.25.
- PETUNIA**
 Striped and Blotched Bedding Petunias. Pkt., 10c.
 Rosy Morn Petunias. Pkt., 10c.
- PHLOX DRUMMONDI or Annual Phlox**
 Large Flowering. Finest mixed. Pkt., 10c
- PORTULACA (Rose Moss)**
 Finest Double Mixed. Pkt., 10c; 1/2 oz., \$2.00.
- POPPIES**
 Shirley Poppies. Pkt., 10c; 1 oz., 35c.
 Oouble Carnation Flowered. Pkt., 10c; 1 oz., 35c.
- SALVIA**
 Splendens (Scarlet Sage). Pkt., 10c.
 Patens (Gentian Sage). Pkt., 10c.
- SWEET WILLIAM (Dianthus Barbatas)**
 Giant Flowering Oouble Mixed. Pkt., 10c.
- SWEET PEAS**
 Farmer's Gorgeous Rainbow Mixture. Large Flowering. Pkt., 10c; 1 oz., 15c; 1/4 lb., 30c; 1 lb., \$1.00.
 Giant Spencer Sweet Peas, in separate colors. White, frilled pink, lavender orchid, royal purple, giant red, primrose, orange orchid. Pkt., 10c; 1 oz., 25c; 1/4 lb., 75c. 1 pkt. of each of the seven colors, 50c.
 Farmer's Sunbeam Mixture of Giant Spencer Sweet Peas. A blend of the very best, including 75 varieties. Pkt., 10c; 1 oz., 25c; 1/4 lb., 70c; 1/2 lb., \$1.25; 1 lb., \$2.25.
- VERBENAS**
 Farmer's Mammoth Hybrids. Pkt., 10c.
- ZINNIAS**
 Farmer's Giant Flowering Tall Oouble Mixed. Pkt., 10c.
- MIXED FLOWER SEEDS**
 Farmer's Wonderful Mixture of Annual Flower Seeds for Wild Gardens. Pkt., 10c; 1 oz., 20c; 1/4 lb., 45c; 1 lb., \$1.25.

Well Known Gladiolus

An Up-to-Date List of Gladiolus for the Beginner.

Variety	Each	Dozen	100
Alice Tiplady.....	\$.10	\$.60	\$ 3.50
Black Joe.....	.15	.90	5.50
Cameo.....	.20	1.25	7.00
Carmen Sylvia.....	.15	.90	5.50
Crimson Glow.....	.15	.90	5.50
Cowee's Scarlet Wonder.....	.20	1.25	7.00
Duchesse of York.....	.20	1.25	7.00
Ethlyn.....	.10	.60	3.50
Pastidious.....	.10	.60	3.50
Fern Kyle.....	.15	.90	5.50
Giant Nymph.....	.15	.90	5.50
Jewell.....	.10	.60	3.50
Marietta.....	.20	1.25	7.00
Mary S. Burke.....	.10	.60	3.50
Miss T. Rose.....	.15	.90	5.50
Mrs. F. C. Peters.....	.15	.90	5.50
Mrs. J. K. Armsby.....	.15	.90	5.50
Mrs. Leon Douglas.....	.15	.90	5.50
Muriel.....	.20	1.25	7.00
Shelia.....	.15	.90	5.50
Souvenir.....	.10	.60	3.50
Sunnymede.....	.15	.90	5.50
Twin Fires.....	.20	1.25	7.00
Sweet Lavender.....	.10	.60	3.50
Vanity.....	.15	.90	5.50
W. H. Phipps.....	.20	1.25	7.00

The above are all first class, largest size, clean and healthy bulbs.

Warren Co., Pa., July 6th, 1931.
 Received the apple and pear trees this spring and am sure pleased with them.
 W. Boyd English.

Tompkins Co., N. Y., July 23rd, 1931.
 The strawberry and celery plants came promptly and are growing fine.
 Mary E. Colgrove.

PLANTS for the HOUSE and GARDEN

NOTE: All plants on this and following page will be sent separate from other orders, and postpaid if the order amounts to 50c or more.



Double Flowering Geranium Alphonse Ricard

DOUBLE FLOWERING GERANIUMS

Alphonse Ricard. Bright vermilion scarlet, giant florets and trusses, semi-double. Each 27c; 3 for 78c; 12 for \$2.70.

Beaute Poitevine. Double flowers, salmon-pink. Each 27c; 3 for 78c; 12 for \$2.70.

Duchess De Montmort. Color brilliant purple, nearest blue. Trusses enormous. Each 30c; 3 for 87c; 12 for \$3.00.

Jean Oberle. Semi-double. Peach-pink shading to almost pure white at outer edge. Each 27c; 3 for 78c; 12 for \$2.70.

Jean Viaud. Bright rosy pink distinctly blotched in center with white. Each 28c; 3 for 81c; 12 for \$2.80.

Buchner. A purest white, not a trace of coloring. Fine bedder. Each 26c; 3 for 75c; 12 for \$2.60.

Bougainvillea. Brilliant rosy-carmine blossoms. 25c each; 3 for 72c.



CHRISTMAS CACTUS

An early flowering crimson scarlet variety. Produces long drooping flowers in great profusion. Stems branching and banging in bunches. Grows and blooms with greatest ease. Requires absolutely no care, living for months without water. Value increases yearly. Each 39c; 3 for \$1.14.

SNAPDRAGONS

They are very free blooming and vigorous of growth and may be used in pots, beds or clusters. Gladiolus like spikes in red, bronze, white, pink and yellow. Each 20c; 3 for 58c.

ASPARAGUS PLUMOSUS

A tall, climbing, decorative plant of rare and delicate beauty. Its fine and plume-like foliage is a beautiful bright green. Fronds grow from six to eight inches in width and retain their color and shape for weeks when cut. Each 29c; 3 for 84c; Larger size, 45c. Extra large, 68c.

ST. BERNARD'S LILY

An excellent pot plant. Dark-green leaves beautifully marked with broad stripes and bands of cream-white. Bears large spikes of white flowers. 34c each; 3 for 97c.



Ostrich Plume Fern

Decorative Ferns

BOSTON FERN

The most popular house plant grown. It is of easy culture and a very rapid grower, producing fronds of unusual length. Its unusual freedom of growth without special care has made it popular. Considered most valuable house plant to be had. 24c each; 3 for 69c. Larger sizes 50c and 85c each.

Fluffy Ruffles. Dark feathery foliage. 40c each; 3 for \$1.16. Larger plants 75c each; 3 for \$2.17.

Roosevelt. Fronds broad and heavy. 30 each; 3 for 87c. Larger plants 60c each; 3 for \$1.74.

Whitmanii. Dense and compact. 30c each; 3 for 87c. Larger plants 60c each; 3 for \$1.74.

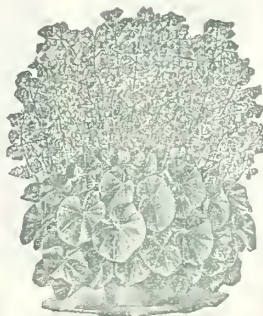
MOSS FERN

A new up-right-growing moss, with numerous feathery stems branching from the base and forming a dense tuft. 32c each; 3 for 92c; 12 for \$3.20.

MAIDEN HAIR FERN

The fronds of this wonderful variety are developed at the ends into bunching tasseled heads and are much used in cut-flower work. Each 25c; 3 for 75c. Larger size, 40c each.

Ostrich Plume Fern. One of the few feathery foliage Ferns which everyone can successfully grow. One of the best. 32c each; 3 for 92c. Larger sizes, 40c and 75c.



BEEFSTEAK BEGONIA

Can be grown as easy as a Geranium. Its circular leaves of heavy texture, red beneath, above a glossy olive-green oil-like cast make it an outstanding variety. Of spreading habit. Dainty flowers of an exquisite coral-red. Magnificent. 30c each; 3 for 87c. Larger plants, 50c.



WEeping LANTANA

A very striking plant of trailing habit. Grows very rapidly and blooms continually, producing clusters of rosy-pink flowers. Foliage a beautiful dark green. Each 24c; 3 for 69c.

TRAILING VINCA

The leaves of this beautiful plant are a glossy green, broadly margined, a creamy white; flowers, blue. This beautiful variegated trailing vine is admirably adapted for hanging baskets, and vases. Most popular vase plant grown. Each 19c; 3 for 55c. Larger size 35c each.

PINK FLOWERING WAX PLANT (Desert Plant)

Produces beautiful pink flowers at all times. Of frosted wax-like appearance. Suitable for rock work, hanging baskets; also for a pot plant. Is of bushy growth and free flowering. Excellent. Price each 26c; 3 for 75c.

WATER HYACINTH

A very attractive water plant. Color a magnificent lilac-rose. It forms a lovely rosette of its curious shining green leaves, and throws up spikes of the most exquisite flowers imaginable, resembling in form a spike of Hyacinth bloom. Equally as beautiful as Orchids. Each 28c; 3 for 81c.



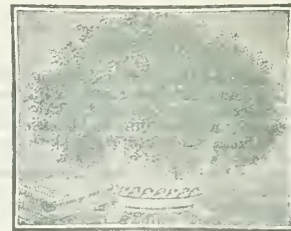
Fruiting Orange

DWARF ORANGE

Dwarf free flowering variety, suitable for pot culture. Fruits freely, easy to grow, beautiful blossoms, delightfully fragrant, of a waxy white. The fruit at its best is not more than half the size of ordinary oranges, very bright and beautiful in color. Notice. Orange Plants cannot be shipped into the following states: Ala., Ariz., Calif., Fla., Ga., Miss., S. C., and Texas. Each 28c; 3 for 81c. Larger plants 60c, \$1.20 and \$1.50.

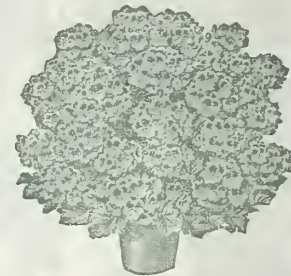
LOBELIA SAPPHERE

An excellent pot plant that is never out of flower. Produces an abundance of unusually large sapphire-blue flowers with white eye. Trailing habit. 26c each; 3 for 75c.



BABY TEARS

A compact, dense growing plant with miniature leaves. Of neat habit and while forming a rounded mass of moss-like foliage is of partially creeping or drooping tendency, which adds much to its attractiveness. Fine for shaded window boxes. Grows easily under living room conditions. Each 32c; 3 for 92c.



PELARGONIUM EASTER GREETING

Gorgeous in coloring. Plants in five inch pots have produced over a hundred trusses of blooms. Color fiery amarantb red, some describe it as a brilliant rose. 39c each; 3 for \$1.13; 12 for \$3.90.



STRAWBERRY GERANIUM (Saxifraga Sarmientosa)

Exceedingly rare and beautiful. Leaves striped freely with silver bands; blooms white and of great beauty. Adapted for hanging baskets, bases, etc. Each 26c; 3 for 75c; 12 for \$2.60.



Single Flowering Petunias

Unsurpassed for massing in beds and border plantings. Also fine for basket, vase and window boxes. Blooms early and continues until frost. Very popular on account of their richness of color, duration of bloom and ease of culture. Each 18c; 3 for 52c; 12 for \$1.80.



FRAGRANT OLEANDERS

Popular old-fashioned plant. Foliage dark green, somewhat willow-like, grows easily but should be rested in winter. Decorative and desirable, semi-double. Pink or white flowers. Pink each, 30c; 3 for 87c. White each, 28c; 3 for 81c.



LEMON (American Wonder)

A true everbearing lemon. Excels ordinary Lemons for making pies, fruit sometimes weighing over four pounds. Of easy culture, flowering and fruiting in ordinary soil. Flowers are fragrant as orange blossoms. The growth can be pruned to any size or shape. Notice. Lemon Plants cannot be shipped into the following states: Ala., Ariz., Calif., Fla., Ga., Miss., S. C., and Texas. Each 26c; 3 for 75c. Larger plants 60c. 2-yr. plants \$1.20.



Porch Hydrangea Bouquet Rose

NEW FRENCH HYDRANGEAS
Bouquet Rose. One of the best varieties. Of an exquisite deep rosy-amber turning to bright red, very attractive. Each 32c; 3 for 92c.

Gen. De Vibraye. Gigantic hight rose hooms. Vigorous. 36c each; 3 for \$1.04.

Blue Bell. Exquisite light blue. Very popular. 36c each; 3 for \$1.04.

Mme. Emile Moullere. One of the finest sorts. Produces very large flowers, frequently over two inches in diameter of the purest white, with rose-carmine eye. Each 35c; 3 for \$1.00.

Radiant. The darkest red variety of the Hydrangeas. A fine grower, great bloomer, unusually attractive. Each, 57c; 3 for \$1.66.

HIBISCUS PEACHBLOW

One of the finest plant novelties. The flowers are double, charming rich, clear pink, with a small deep crimson center. Each 29c; 3 for 84c. Larger plants 70c.



Free Blooming Fuchsia, Phenomenal

CONSTANT BLOOMING FUCHSIAS

Trailing Queen. Single, wine colored. A splendid vine of trailing habit. 34c each; 3 for 98c.

Black Prince. Single, blue changing carmine-lake as they unfold. 28c each; 3 for 81c.

Phenomenal. An immense ornamental variety with very double deep violet-purple flowers, darker even than the Midnight. Reflexed petals, crimson. 28c each; 3 for 81c.

Speciosa. An aristocrat. Deep scarlet, single flowers, borne at end of long, waxy, white tubes flushed salmon; reflexed petals salmon pink, tipped green. 26c. each; 3 for 75c.

Parrott's Feather. Light green feathery foliage of drooping habit. 32c each; 3 for 92c.



BEDDING COLEUS

The most extensively used bedding and border plant known. A splendid assortment of colors ranging from golden yellow to deepest crimson—spotted, edged, striped and frilled sorts. 14c each; 3 for 40c; \$1.40 per dozen.

Coleus Trailing Queen. Excellent variety for hanging baskets, vases and plant boxes, etc. on account of its trailing habit. Center of leaves fiery crimson surrounded with deep maroon; deeply serrated edges of bright olive-green. 22c each; 3 for 63c; 12 for \$2.10.



GIANT REX BEGONIA

No Begonia exceeds this variety in popularity. It produces elegant mammoth leaves of rich metallic luster, and colors blending from brightest green, glistening silver and orange to beautiful plum hues. One of the most attractive plants that can be grown. Each 38c; 3 for \$1.10.

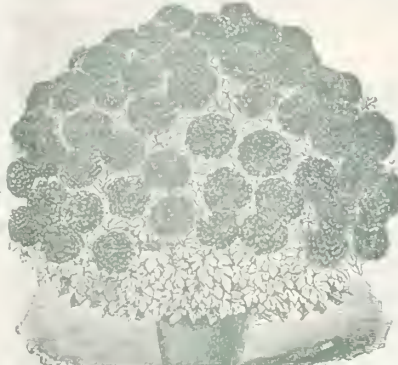
WATERMELON BEGONIA

Leaves variegated white and green, thick and waxy like frosted silver. Excellent for house, window or table. Each 28c; 3 for 81c.

Coraline Lucerne Begonia. Blooms in immense clusters, almost hiding the plant. Color bright coral-red, changing to a delicate pink. 38c each; 3 for \$1.10.

ASPARAGUS SPRENGERII

A valuable house plant being one of easy culture, the sprays growing four to five feet long and when the foliage is used for cut-flower it retains its freshness for an unusual length of time. Each 27c; 3 for 78c. Larger sizes 45c and 70c each.



GIANT FLOWERING CHRYSANTHEMUMS

GIANT FLOWERING CHRYSANTHEMUMS

Black Hawk. Dark velvety crimson flowers, Blooms of immense size. Late flowering. Each 30c; 3 for 87c; 12 for \$3.00.

Chrysolora. A new yellow variety. Large beautiful blooms. Excellent. Each 34c; 3 for 98c; 12 for \$3.40.

Harvard. Rich crimson. Large blooms. Very showy. Each 31c; 3 for 89c; 12 for \$3.10.

Oconto. A splendid white. Extra large in size with broad, incurved petals of snowball type. Growth robust, smooth heavy foliage. Each 22c; 3 for 63c; 12 for \$2.20.

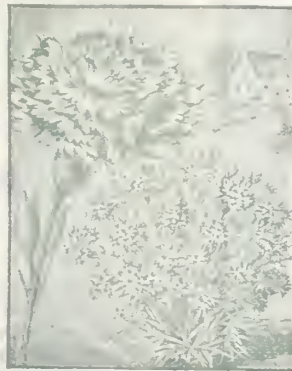
Pink Treasure. A prize winner at the shows. A large incurving variety of exquisite shade of pink. Each 26c; 3 for 75c; 12 for \$2.60.

Richmond. Bright golden-yellow. An exceptionally fine variety. Each 30c; 3 for 87c; 12 for \$3.00.



ROYAL PURPLE PLANT

(*Strobilanthes Dyeranus*). Of brilliant and exquisite coloring. An attractive pot plant grown for its beautiful glistening, reddish-purple iridescent leaves. 29c each; 3 for 84c.



HARDY GARDEN CARNATION

Crimson King. Everybody desires a Carnation that will live out in the garden during the winter. We have pleasure in offering this new plant, as it will fill the hill. Blooms all summer. The color is a rich crimson and it is deliciously fragrant. Price 39c each; 3 for \$1.14.



SNAKE PLANT

(*Sansevieria Zeylanica*). Decorative plant, handsome foliage with green variegations. No other plant stands as much downright neglect and hardship. Nothing hut frost or continued drenching with water has terrors for it. Will stand gas and dust and will go for months without a drop of water. Easily grown. 38c each; 3 for \$1.10; selected plants, 60c; 3 for \$1.74; larger plants, 85c; 3 for \$2.46.

Blackberry Lily

Unusual orange flowers spotted red; form black, roundish seeds which give it it's name. An interesting hardy perennial. 45c each; 3 for \$1.30.



EVERBLOOMING BEDDING LANTANAS

Very desirable for hedging or baskets. Verbena-like heads of orange, white, rose, and other colored flowers. Blooms until frost.

Alba Perfecta. Pure white, compact habit. Each 24c; 3 for 69c; 12 for \$2.40.

Michael Schmidt. Brilliant yellow passing to pure vermilion. 26c each; 3 for 75c; 12 for \$2.60.

Radiation. Crimson changing to yellow at center. Each 28c; 3 for 81c; 12 for \$2.80.

Tethys. New beautiful lemon yellow. Each 28c; 3 for 81c; 12 for \$2.80.

SALVIA

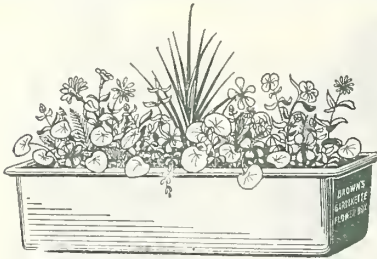
Of all red-flowering bedding plants, the Salvia is the most brilliant and showy; a mass of this popular annual when in full bloom is hard to describe. They grow in bush form, 2 to 2 1/2 feet high; the foliage is dense, forming a mound of vivid green, surmounted by spikes of blazing red flowers. 22c each; 3 for 63c; 12 for \$2.20.

LITTLE GEM CALLA

It grows very freely and produces pure white blossoms during the winter and spring; the resting period during June and July can be given by turning the pots on their sides, without watering, in a shady place. Each 29c; 3 for 84c.

UMBRELLA PLANT

(*Cyperus*). This handsome ornamental plant is indispensable for aquariums, fountains and pools. Grows equally well in soil or water. Palm like foliage. 24c each; 3 for 69c. Larger plants 45c each; 3 for \$1.30.



Brown's Gardenette Flower Box

The Gardenette Flower Box is a very sturdy, attractive box which will fit in very well with the scheme of any porch equipment. As it is equipped with self-watering feature, it is necessary to fill only once every week or two weeks. It can be set on the rail, on the window sill or suspended on Brown's Gardenette Universal Brackets, which are supplied at an additional charge. This box, when suspended on brackets, will easily bear the weight of the average sized man. Obtainable in following sizes:

24 in., \$1.60; 30 in., \$1.95; 36 in., \$2.70; 42 in., \$3.60. Brackets, 60c per pair.

CROTOX. The bird and rodent repellent. Protects corn and other seeds when sowed, from crows, doves, larks, starlings, blackbirds, pheasants and other seed-pulling birds and rodents, such as squirrels, woodchucks, moles, etc. Prices, ½ pint can (treats 1 bushel of seed), \$1.00. 1 pint treats 2 bushels of seed, \$1.50.

Stim-U-Seed. A Seed and Plant Elixir. For treating seeds, tubers, transplants. Destroys parasites and prevents "Damping Off" and stimulates growth. Send for descriptive circular. Prices, 8 oz., \$1.00; 1 lb., \$1.75; 5 lbs., \$7.50.

MUSHROOM SPAWN

American Spore Culture Spawn, produced from original spore cultures under the new French process which permits the indefinite reproduction of selected varieties without dilution of the strain. Positively the most vigorous and prolific spawn on the market. Each brick weighs from 1 1/4 to 1 1/3 lbs. and will spawn from 8 to 10 square feet of beds. We keep on hand the white variety, which is generally preferred in the markets, but can supply the cream or brown varieties, if desired. Per brick, 30c; 5 bricks, \$1.25; by express or freight, 10 bricks, \$2.00; 25 bricks, \$4.50; 100 bricks, \$17.00.

Essay on How to Grow Mushrooms. Price, 10c.

Allegany Co., Pa., July 8th, 1931.
Received dahlias and am well pleased with them. Every one came up a nice strong plant.

Mrs. Clyde McClain.
Onsida Co., N. Y., 4-23-31.
Everything came O. K. and roses and sweet peas are in the ground.

Miss D. D. Jenkins.
Orange Co., N. Y., April 21st, 1931.
Received catalogue and dahlias. Thank you.
Mrs. O. B. Wygant.

Dolge Weed Killer



Dolge Weed Killer effectively kills weeds and rank growth. For walks, drives and gutters, dilute in 40 parts of water. Sprinkle area to be treated thoroughly and in a few days your weeds are gone. For use against poison ivy, wild honeysuckle, crab grass and other types of tough, deep-rooted growth, dilute in 20 parts of water, thoroughly drench both leaves and roots of growth to be treated. Tennis courts, bunkers, etc., should also be treated with a solution of one part Dolge Weed Killer to 20 parts of water.

Dolge Weed Killer is safe to use on your garden walks, but should not be used between rows of flowers or vegetables.

Dolge Weed Killer is supplied in the following sized packages, at the following prices:

1 quart	.60 quart
1 gallon	\$1.75 gallon
5 gallons	1.70 gallon
10 gallons	1.50 gallon
30 gallons	1.25 gallon
55 gallons	1.05 gallon

GRANULATED PEAT MOSS

The most desirable material for mulching and improving the condition of the soil. It is a good summer mulch for conserving moisture, and a good winter mulch to prevent damage to plants from alternate freezing and thawing. It lightens heavy clay soil; holds moisture in light sandy soil, and contributes to the humus content of both. It is clean, odorless and free from weed seeds, making a fine topdressing for a lawn. It is an excellent medium for storing tubers, bulbs, roots and fruit through the winter, being a good insulator against temperature damage. Many poultrymen use Granulated Peat Moss as a litter in scratching pens, in brooders, and on dropping boards. The compressed bales about the size of a bale of hay contain 18-20 bushels of loose peat moss and will spread approximately 300 square feet, one inch deep. Prices per bale, \$3.75; 4 bales, \$14.00.

GREEN TOX—Non-Poisonous Insecticide

Kills both leaf eating and sucking insects. We unqualifiedly endorse it. ¼ pint packages makes 34 gallons of spray. Price, \$1.00.

SMALL HAND SPRAYER, Only 25c

For spraying a few rose bushes or other plants with Green Tox or other spray materials; or for spraying flies on your family cow, etc. Weight, packed, 1 lb. Price, 25c, postage extra.

Crow Fez insures seed corn from attacks of crows, blackbirds, etc. ½ pint package, 60c, postage extra. Weight, 1 lb.

Kill The Rats with TOPZOL

Topzol is a new rat exterminator that will kill rats and mice, but is harmless to humane, domestic animals, poultry, dogs or cats. A two ounce package is sufficient to kill 500 rats. Everybody understands the rat menace—fully \$200,000,000 worth of food and other stuff is destroyed by them every year. This squill preparation kills them without being dangerous to other animals. Price, 2 oz. package, 50c, plus postage.

SANASEED kills mice. It needs no preparation. Simply spread this seed where mice frequent. They eat it in preference to food stuffs and are killed. It is well to watch the seed supply and hlow away the hulls or chaff which are left, every day. Price, 25c per package, plus postage.

POPCORN

We make a specialty of popcorn. Our popcorn will pop. If planted it will grow. We have the following leading varieties.

Black Popcorn. This is the old favorite of our hobby days. Good yielder and pops out a large kernel, tender and delicious. Generous sample package only 10c. postpaid. 1 lb. 15c; 5 lbs. 60c; 10 lbs. \$1.00. Shelled or on the ear.

White Rice. Most largely grown and used of any popcorn. Great yielder and excellent popper. Price same as Black.

Japanese Hullless. Very similar to White Rice, but smaller ear and smaller kernel. Claimed by authorities to pop out more good eatable popcorn to the pound than any other popcorn grown. Very tender and delicious. Packet 12c; 1 lb. 18c; 5 lbs. 75c; 10 lbs. \$1.20.

Golden Queen. Or Queen's Golden. A golden yellow corn, which pops out a large tender delicious kernel. Stalks are very thrifty and require more space than any of the previous varieties. Very late in maturing.

South American. A golden yellow corn which has become extremely popular within the past few years. It is said to have been imported from South America, hence its name. Most all the popcorn stands in the United States now feature it. It pops out a delicious yellowish kernel, probably the largest kernel and most delicious popcorn grown. Late in maturing. Generous packet, 15c postpaid; 1 lb. 20c. 5 lbs. 90c; 10 lbs. \$1.50. None of the above varieties supplied on the ear, except the Black. Popcorn, except in packets, is not prepaid.

Litchfield Co., Conn., March 11th, 1931.
I want to thank you for the beautiful picture of strawberries framed. You are generous in sending such a beautiful premium.

Miss E. E. Caldwell.

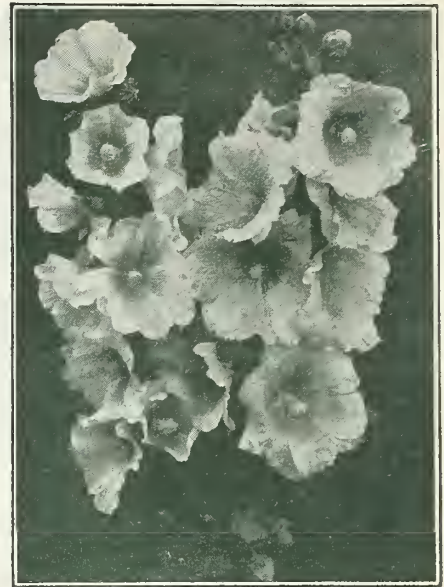
Lackawanna Co., Pa., April 8th, 1931.
We received the Redpath berry bushes the 6th. They are very fine plants. I thank you for your book on strawberries.
Clara Weber.

Garland Co., Ark., April 20th, 1931.
Everything came all right and doing fine. Thank you for so many extras.

Una Taylor.

Plymouth Co., Mass., Jan. 23rd, 1931.
My St. Regis raspberry plants which I bought of you four years ago are very fine.—large, luscious berries and plenty of them.

Miss L. Burnham.



HOLLYHOCKS

Allegheny Type. Very distinct, ruffled, satiny. 25c each; \$2.00 per 10.

Single Hollyhocks. Assorted colors, mixed. 10c each; 75c per 10; \$5.00 per 100. 2 year, transplanted plants, 15c each; \$1.25 per 10; \$10.00 per 100. We have a fine supply of Hollyhock plants.

Double Hollyhocks. Colors: Rose, White, Yellow, Scarlet, Salmon, Maroon, Carmine, and Crimson. Price: 25c each; \$2.00 per 10.

Cut Flowers

We supply roses and annual flowers throughout the growing season for funerals, weddings and other functions. Our roses and gladiolus sometimes last as late as November.

Strawberry Seeds

Saved from our own berries, during the season of 1931. Strawberry seeds are very fertile and nearly every one will grow if carefully planted. We have sent these seeds to nearly every civilized country in the world. We have reports of their producing everbearing varieties from our seeds in Korea, Japan, Australia, New Zealand and other countries. They can be sent anywhere with safety. 500 or more seeds to the packet, with complete instructions how to sow and care for. 5 packets \$1.00 postpaid. 100 packets \$15.00.

Seeds of Annuals and Perennials

We have the following seeds of our own growing. Special prices by the ounce, etc.

Annals. Asters, Petunias, Snap-Dragon. 10c per large packet.

Biennials. Digitalis (Foxglove), Sweet William (Dianthus Barbatas) 10c per packet.

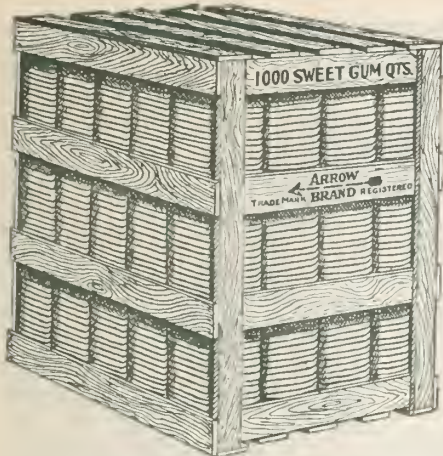
Perennials. Hollyhocks, single mixed. Allegheny, Double salmon, white, pink, yellow, maroon and carmine. Aquilegia, white and blue Lupine, Chinese Lantern Plant, Anchusa Dropmore, Belladonna, Bellamosa and Gold Medal Hybrid Delphiniums (Larkspur) 10c per packet. Johnson Rhuharb Seed, 10c per packet.

Wonderful New Type Potato

"PURPLE GLORY"

ABSOLUTELY GIVEN AWAY

We have eight bushels of this new potato, which we will give away to our customers, as long it lasts. None to sell, but every person who orders \$1.00 or more of goods from this catalog, can have a moderate sized tuber free, if he asks for it. None sent unless you ask for it, when you order. These potatoes grow medium size, the vines are very thrifty and productive, the tubers are a beautiful deep purple in color, which not only applies to the skin, but the flesh is deep purple, through and through. On account of its color and fine flavor, they are especially adapted for salads along with lettuce, eggs, etc. Everybody likes potato salad and the novelty of having real purple potatoes, not artificially colored, will appeal to everybody. One tuber can be cut to single eyes and make a dozen hills or so.



PRICES OF BERRY BASKETS, 1932
 Anchor Brand Quarts or Pints, \$1.00 per 100; 500, \$4.50; 1,000, \$8.00; 10,000, \$75.00.
 Light Weight Baskets, 90c per 100; 1,000, \$6.50; 10,000, \$60.00.
 Close Corner Quarts, (for huckleberries, etc.), 500, \$5.00; 1,000, \$9.50.

PRICES OF BERRY CRATES
 Standard 32 Quart or Bushel Crate, 60c each; \$5.50 per 10.
 Second Hand 32 Quart Crates, 40c each; \$3.50 per 10.
 Extra Separators or Partitions for berry crates, 5c each; \$3.00 per 100.
 Smaller Crates, Crates holding 8 quarts or 12 pints with separators, 35c each; \$3.00 per 10. Crates holding 16 quarts or 24 pints, 45c each; \$4.00 per 10.
 Picking Stands or Handies, 4 quart., 20c each; \$1.50 per 10.

HAND-MADE MARKET BASKETS
 We can supply hand-made market baskets, made by an old basket maker, at 70c for 1-peck size; 80c for 2-peck or half-bushel size; and \$1.00 for 3-peck size. These are made strong and durable, just as they used to make them years ago when our fathers and mothers were here. They are made up of white ash split splints, the old way, and are not to be compared with the cheap baskets usually offered in these days. They will last a lifetime and are very handy in sending eggs and other produce to market.



FARMER'S TALLY SYSTEM

For Keeping Tally with Berry Pickers, Hop Pickers
 This consists of printed tags marked off in squares or spaces. On one side of the tag are twenty "1-qt." spaces and on the other the same number of "4-qt." spaces. Near the eye hole is a place for the picker's name. The employer's name may be written on the back of the card. An up-to-date railroad conductor's punch and 100 tags are furnished with each outfit. Each tag represents 100 quarts when all the spaces are punched out. Price of complete system, \$2.50, Postpaid. Extra cards, 40c per 100.

LILIES

Auratum, 50c; Regale, 40c; Madonna, 30c each. Write for list and prices on 20 other varieties for fall planting.

ANNUAL FLOWERING PLANTS

Our bed of Annual Flowers, under mulch paper culture in 1930, was something worth going a long way to see. We make a specialty of supplying choice greenhouse grown, but hardened out-door plants of all the leading annuals. We find that Coleus, Salvia, Marigolds and Zinnias should have protection from slight frosts and do best when set on the south side of a building or tight fence or hedge. But, Petunias, Calendulas, Stocks, Snapdragons, Verbenas and Asters will stand more frost, with varying degrees of injury. The Calendula has proven about the most satisfactory annual we have.

Price of strong, transplanted, hardened, greenhouse grown plants:
 Asters, 35c per 12; \$2.50 per 100. Calendulas, Marigolds, Zinnias, Snapdragons, 10 weeks stocks, 50c per 12; \$3.50 per 100. Coleus, Petunias, Salvias, and Verbenas, 75c per 12; \$5.00 per 100. Field grown Aster plants, 25c per 12; \$1.00 per 100; \$6.00 per 1,000.

INSECTICIDES AND FUNGICIDES

A-I Dust. To control Aphids and Plant flies on roses, shrubs. Price, 40c per lb.
Pomodust. To control Mildew, Black Spot, Blight and other fungi. Price, 35c per lb.
Tobacco Dust. 1 lb., 15c; 5 lbs., 50c; 25 lbs., \$2.00.
Bordeaux Arsenate of Lead (Powder). For fungus and leaf-eating Insects. Can be used as a spray or dry for dusting. Fine for potatoes, celery, grapes, fruit trees, etc. 1 lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.00; 100 lbs., \$20.00.
Lime Sulphur Compound (Powder). 1 lb., 40c; 5 lbs., \$1.80; 10 lbs., \$2.50; 25 lbs., \$5.00; 50 lbs., \$8.50; 100 lbs., \$15.00.
Black Leaf 40 (Nicotene Sulphate). For killing lice and other sucking insects. 1 oz. bottle, 35c; 5 oz. bottle, \$1.00; 1 lb. bottle, \$2.50; 2 lb. tin, \$3.75; 5 lb. tin, \$7.00; 10 lb. tin, \$11.50.
Lime Sulphur Solution. 1 qt., 60c; 1 gal., \$1.10; 5 gals., \$4.50; 10 gals., \$7.00; 50 gals., \$15.00.
Kolodust. For Red Spider on evergreens. 35c per lb.; 10 lbs., \$2.50.
Viti Dust for potatoes, cucumbers, etc. 35c per lb.; 10 lbs., \$2.50.
Niagara Metal Duster. \$1.50, postpaid.

FERTILIZERS FOR ALL CROPS

	Analysis	125-lb. Bag	1 Ton
Super-Truck Garden.....	5-10-5	\$3.00	\$44.75
Market Garden.....	4-8-7	2.75	42.00
Iroquois Brand.....	4-12-4	2.60	42.20
Continental Brand.....	4-8-4	2.60	38.80
Potato Manure.....	3-10-6	2.70	39.35
Animal Brand.....	3-8-4	2.50	35.55
Syracus Brand.....	2-8-10	2.65	38.50
Seneca Brand.....	2-12-2	2.40	33.50
Indian Brand.....	2-8-5	2.40	33.35
Onondaga Brand.....	1-9-4	2.25	30.20
Gypsy Brand.....	0-10-10	2.45	33.65
Acid Phosphate.....	0-16-0	1.75	23.15

Stim-U-Plant. Best concentrated fertilizer for house plants and small plots. Price, 25 tablets, 25c; 100 tablets, 75c; 1,000 tablets (in pall), \$3.50.
Vigoro. A general purpose fertilizer for shrubbery, vines, lawns, gardens, etc. Circulars free. Price: 5 lbs., 40c; 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$5.00.
Pulverized Sheep Manure. The very highest grade. Price: 5 lbs., 40c; 10 lbs., 60c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$2.75; 500 lbs., \$12.00; 1,000 lbs., \$21.00; 1 ton, \$40.00.
Bone Meal. Highest grade, finely ground. 5 lbs., 40c; 10 lbs., 60c; 25 lbs., \$1.50; 50 lbs., \$2.25; 100 lbs., \$4.00; 500 lbs., \$17.50; 1,000 lbs., \$32.00; 1 ton, \$60.00.
Nitrate of Lime (Equal to Nitrate of Soda). 5 lbs., 40c; 25 lbs., \$1.50; 100 lbs., \$5.00.
Banghro. For gardens, lawns and general purpose fertilizer. 5 lbs., 40c; 25 lbs., \$1.35; 50 lbs., \$2.50; 100 lbs., \$4.75.

LANG'S HAND WEEDER

For close-up work. 25c each, 3 for 65c, postpaid.

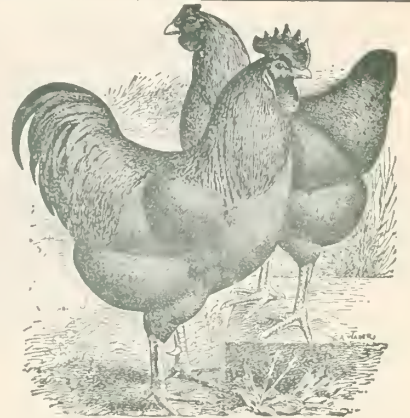


LENOX IMPROVED FLOWER SPRAYER

For spraying small plants, such as rose bushes, house plants, etc. Spraying under the leaves, kills the insects, removes the dust, keeps them healthy and doesn't let them get buggy. A cake of tobacco soap is sent with each outfit. Make a suds and spray. Your plants will surprise you. Makes house plants healthier, more vigorous, and forces them to earlier blooming. Invaluable to housewives. Show this to the wife or your mother. Highly recommended by seedsmen and users everywhere. Complete set (sprayer and cake of soap). Price, \$1.00, or with two extra bulbs, \$1.50.

AUTO SPRAY NO. 9

The Auto Spray No. 9 is a durable, well-built machine. This sprayer, due to its ease of operation, is one of the most popular large compressed air sprayers on the market. Corrugated tank is constructed of heavy sheet brass or strong copper bearing galvanized sheet steel. Pump cylinder is one piece seamless brass tube. The features of this sprayer are the corrugated tank, screw lock, drain dry, Non-Clog spray nozzle. This sprayer can be used for spraying trees, shrubs, gardens, chicken houses, etc. Capacity—four gallons. Auto-Spray No. 9-B Brass Tank, priced at.....\$9.50 Auto-Spray No. 9-D Galvanized Tank, priced at..... 6.50 Extra foot brass extension, 55c each.
Brown's Blue Ribbon Jr., general purpose sprayer, 2 gallons, galvanized tank. Price, \$4.15.



FARMER'S BABY CHICKS

Prices in the following table are for chicks shipped out in April, May and early June. If shipped in February or March, add 20% or 1/5, to these prices. If ordered for late June or July shipment, deduct 10% or 1/10, from these prices. We can supply baby chicks in any quantity and will be pleased to correspond with large prospective buyers. At these prices, chicks are sent postpaid to any part of the United States, when cash in full accompanies the order, or is sent before shipment is made. If we send C. O. D. for part of the cost of the chicks the postage is also included in the C. O. D.

	25	50	100
Single Comb White Leghorns.....	\$4.00	\$ 7.00	\$12.50
Single Comb Brown Leghorns.....	4.00	7.00	12.50
Single Comb Buff Leghorns.....	4.50	7.50	13.50
Single Comb Anconas.....	4.50	7.50	13.50
Barred Plymouth Rocks.....	4.50	7.50	13.50
Buff Plymouth Rocks.....	5.00	8.00	14.00
White Plymouth Rocks.....	5.00	8.00	14.00
Black Minorcas.....	5.00	8.00	14.00
White Minorcas.....	5.00	8.00	14.00
White Wyandottes.....	5.00	8.00	14.00
Silver Laced Wyandottes.....	5.00	8.00	14.00
S. C. Rhode Island Reds.....	4.50	7.50	13.50
Buff Orpingtons.....	5.00	8.00	14.00
White Orpingtons.....	5.00	8.00	14.00
Light Brahmas.....	6.00	10.00	16.00
Black Langshans.....	4.50	7.50	13.50
White Langshans.....	4.50	7.50	13.50
Left overs (heavy mixed kinds).....	3.50	6.00	11.00
Left overs (light mixed kinds).....	3.00	5.00	9.00
Pekin Ducks (each 30c).....	7.00	13.50	25.00
R. I. Red Eggs (good matings)—\$1.25 per 15; \$2.25 per 30; \$5.50 per 100			

FARMER'S HANDY STRAWBERRY SETTER

For Setting Strawberry, Raspberry, Tomato, Cabbage and Other Plants

This tool is so simple it requires no skill to operate it. Anyone can set strawberry or vegetable plants with Farmer's Strawberry Setter, as it has no complicated mechanism and sets plants more easily and in better shape than any other tool made. It consists of a blade about 3/16 inch thick, 3 to 4 inches wide and about 8 inches long, with a handle inserted at right angles with the blade, very similar in shape to an adz. These tools are hand forged, made of the very best material by a local blacksmith, and will last a lifetime if properly cared for. Not only is this tool the very best thing ever devised for setting strawberry plants, but it is also fine for working among the runners, and for beeling in, or rather tipping in black raspberry plants. Price, \$1.25 each; \$4.50 per 4. Your money back if not satisfied.



Copy of Certificate of Inspection, No. 380

STATE OF NEW YORK

DEPARTMENT OF AGRICULTURE AND
MARKETS

No. 380

BERNE E. PYRKE, Commissioner

CERTIFICATE OF INSPECTION
OF NURSERY STOCK

THIS IS TO CERTIFY, That the nursery stock of Fragaria Nurseries of Pulaski, County of Oswego, State of New York, has been duly examined in compliance with the Agriculture and Markets Law and has been found to be apparently free from all injurious insects and plant diseases. This certificate is valid until September 1, 1932. Dated, Albany, N. Y., September 1, 1931.

BERNE A. PYRKE, Commissioner
B. D. Van Buren, Director of Plant Industry.

Landscape Service

We are always ready to give the benefit of our experience to patrons in planning new grounds or re-arranging old plantings. As a rule, we do not advise our customers to attempt any extensive planting of choice trees and shrubs without first consulting an authority on the subject. During the late summer and fall months we are available for consultation and supervision of landscape developments anywhere within a reasonable distance from Pulaski. Our rates are reasonable but we do not offer the so-called Free Landscape Service so often used to promote the sale of ornamentals.

**Appreciative Letters
From Our Customers**

Dutchesse Co., N. Y., June 15th, 1931.

In 1930, I got 500 Mastodon plants of you. It was a very dry season and they made few runners, but gave a surprising amount of fruit, beginning Aug. 3rd and picking until ice stopped them.

Chas. E. Wickes.

Broome Co., N. Y., June 16th, 1931.

Received the Privet shrubs. You sent us more than we really called for. Please accept our thanks.

Ruhly L. Lamh.

Lebanon Co., Pa., May 27th, 1931.

I planted your plants five years ago and had a wonderful bed of berries.

Mrs. Mary Heisey.

Lake Co., Ill., June 9th, 1931.

The Aldrich strawberry plants arrived in good condition. They are doing nicely.

Mrs. Georgiana McKirdy.

Oswego, N. Y., April 29th, 1931.

I received my shrubbery all right.

Mrs. Ralph Briggs.

Franklin Co., N. Y., May 15th, 1931.

Plants arrived Thursday in good condition.

Mrs. H. W. Stoner.

Franklin Co., N. Y., May 28th, 1931.

The Beauty Bush arrived in good condition. Thank you for the extra bulbs.

Mrs. H. B. Smith.

Westchester Co., N. Y., April 29th, 1931.

Phlox and Japanese Iris received in fine shape.

Mrs. W. L. McLaughlin.

Madison Co., N. Y., May 19th, 1931.

Received strawberry plants yesterday. They were fine plants and in good condition.

C. W. Schleinitzauer.

Monroe Co., N. Y., May 21st, 1931.

The peonies and phlox are growing nicely. The strawberries I hought last spring are blossoming nicely.

Mrs. Alfred Remelt.

Oswego Co., N. Y., May 13th, 1931.

Received my order O. K. Thanks very much for extra bulbs.

Mrs. P. Wallace.

Lewis Co., N. Y., May 12th, 1931.

Your roses are an excellent assortment of good varieties.

Merritt T. Edwards.

Pittsburgh, Alleganey Co., Pa., May 12th, 1931.

Thank you for the Dahlias received a few days ago.

Mrs. N. H. Bigley.

Onondaga Co., N. Y., May 1st, 1931.

The plants arrived all O. K. Thanks for the bulbs.

Mrs. Albert A. Kenyon.

Dutchesse Co., N. Y., May 17th, 1931.

Asparagus roots arrived safely today. Planted this evening.

Mrs. Clinedinst.

Erie Co., N. Y., May 9th, 1931.

Bulbs arrived to-day. I do not need anything more now, but he assured that when I do buy anything, the order will go to you.

Bernard V. Bruns.

Newport Landing, Nova Scotia, May 30th, 1931.

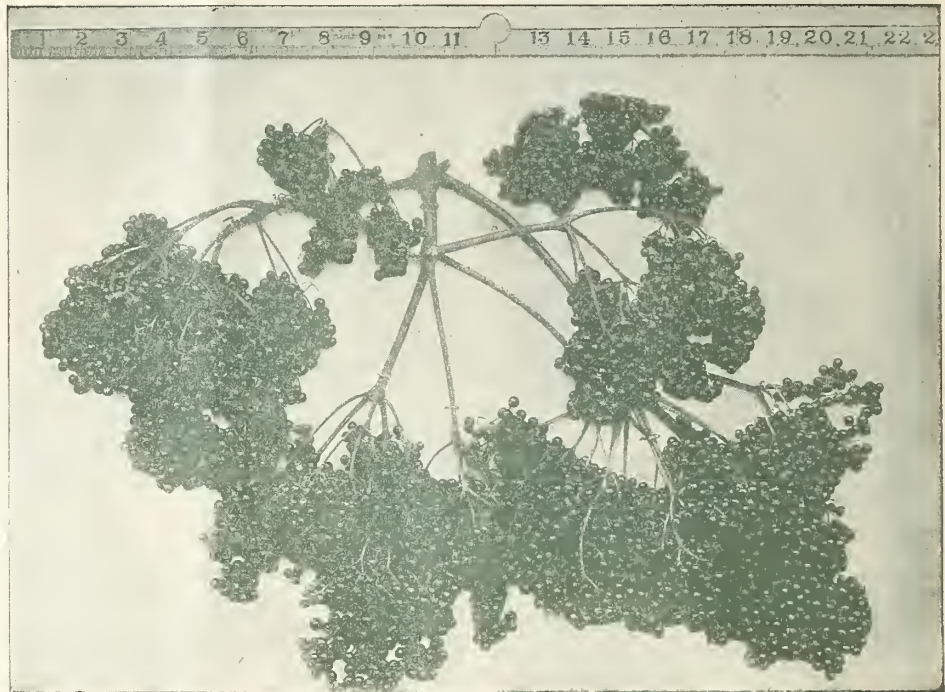
I received my nursery stock to-day.

Thomas A. Mounce.

Bradford Co., Pa., May 13th, 1931.

Received the trees, plants, etc., all in good condition.

Nellie C. M. Knapp.

**Adams Improved Elderberry**

A new fruit perfected from the common elderberry of the fields. Very suitable for pies, sauce and other purposes. Everyone likes elderberries in some form, but up to the advent of this improved variety, the only way to get them was out in the fields, by the sides of fences. Here is an improved variety, the berries of which sometimes measure nearly one-third of an inch

in diameter. A few bushes in the corner of your yard or garden will produce all the fruit you will need. The berries are not only larger, but finer in every way than the wild variety. Prices: Single plants 40c; \$3.50 per 10; \$30.00 per 100. (Grown from seeds.) Prices: Extra selected large strain, grown from cuttings, \$1.00 each; \$8.00 per 10.

**We have grades of Nursery Stock for Every Pocket Book
But You Get Just What You Pay For**

As a general thing, we advise buying the best grade of all kinds of Nursery Stock. If you have \$5, \$10, or whatever you wish to invest, we think it is best to get what you can for this money in the medium or best grades. We do not believe it pays the average grower to purchase cheap light grade stock, with the idea of growing it on. In most cases it is overlooked after it is planted out, animals or children break it down and the results are generally unsatisfactory. One good specimen

of a tree or hush, is worth more than a dozen of light grade, poorly rooted stock. The stock we offer in this catalog is the best to be had in the grades listed. It is bushy and heavily rooted and will please you. Don't be misled by cheap offers over the radio or by mail order houses or department stores, who are not in the business to stay, therefore have no reputation to keep up, but are in it for what they can make at the present moment. We will match prices, quality of stock considered, with any concern doing a legitimate business

Montgomery Co., Pa., April 30th, 1931.

I received the nursery stock all O. K. I am well pleased with the trees.

J. B. Clemens.

Taylors, Newfoundland, May 18th, 1931.

The goods arrived O. K. on the 13th. in very good condition.

W. H. Bennett.

Windsor Co., Vt., May 2nd, 1931.

Received the dwarf apple trees and strawberry plants yesterday and they were all right. Am more than pleased with them.

Mrs. Milo H. Scribner.

St. Lawrence Co., N. Y., May 28th, 1931.

Received the strawberry plants O. K.

Mrs. A. V. Corey.

Chenango Co., N. Y., May 3rd, 1931.

Strawberry and Columbian plants arrived all right.

F. W. Bartle.

Somerset Co., N. J., May 28th, 1931.

I received the Dahlias and they are coming up nicely.

Mrs. C. W. Van Buskirk.

Cumberland Co., N. J., June 1st, 1931.

The cherry and plum trees are doing just fine. I thank you for the bulbs.

S. Rolf.

Tioga Co., N. Y., May 25th, 1931.

Received the order of goods O. K. Will send in another order.

Clarence I. Crawford.

Sullivan Co., Pa., April 28th, 1931.

I am very much pleased with Dahlias received yesterday.

Mrs. Frank Hewes.

**"I Got It Of Farmer"**

As one goes through the gardens and plantings of people who love flowers, plants, vines, shrubs, trees, etc., we often hear some one say, "Where did you get that beautiful thing?" the answer, very frequently, in some places, almost invariably is, "I got it of L. J. Farmer." This is one of the most satisfying things about the nursery business, the fact that we handle things that make for beauty and so much pleasure everywhere. Very few nurserymen ever get very rich in earthly goods, the opportunities they have to show their generosity and public spirit are so many, that it takes away whatever small profits their business may show at the end of each year, but then, we cannot take material things with us when we go and what is the use?



Gator Hide Mulch Paper

How Gator Hide Mulch Paper Works—What It Does
 Gator Hide Mulch Paper is extremely tough, durable paper, impregnated by a special process with a particular grade of asphaltum which has no injurious effect on soil or plants.
 Enrolled over the proposed plant beds, and anchored by soil or other available material along the edges, Gator Hide Mulch Paper prevents evaporation of the soil's moisture. Its black surface catches and holds the sun's heat, raises the soil's temperature and checks cooling at night. This promotes continuous bacterial activity, producing bigger, better and earlier crops.
 Planting is done through holes in the paper or in the one or two-inch interval between two rows of paper. Thus, while plenty of space is provided for the plant, practically no space is left for weeds. Weeding and cultivating after planting are almost entirely eliminated.

Made in Two Types—Each Type in Two Sizes
Type A—For ANNUALS in field culture:
 18" width—300 linear yards to roll.....\$3.00
 36" width—300 linear yards to roll..... 6.00
Type B—For PERENNIALS in field culture and ALL garden work:
 18" width—150 linear yards to roll.....\$3.00
 36" width—150 linear yards to roll..... 6.00
 Garden Package, 65c.

ANCHORS FOR MULCH PAPER
 Made of heavy wire bent in such a shape, so that when point is pressed into the soil the curved upper end holds the mulch paper in place. Their use facilitates laying mulch paper, 100 in each carton. Price, \$1.00 per 100; \$8.00 per 1,000.

BIRD'S IMPROVED PERFORATED MULCH PAPER
 Four fundamental advantages are claimed by the inventor for this Improved Perforated type of Paper Mulch:
 1. Warms the ground.
 2. Traps and holds the moisture.
 3. Keeps the weeds down to the maximum practical extent while admitting water to the underlying soil.
 4. Protects the original tilth against the compacting action of rains.

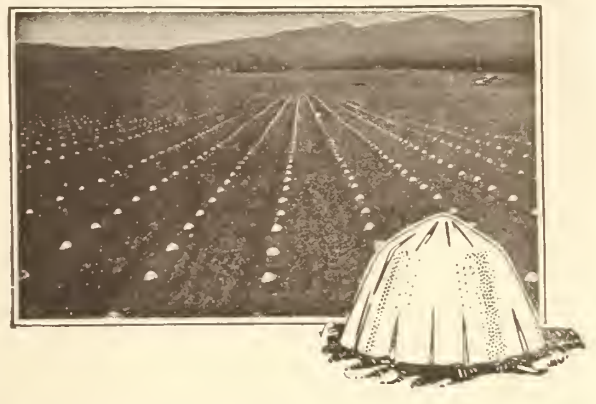
PRICES OF BIRD'S MULCH PAPERS
 Heavy, 18 in. width, containing 900 sq. ft., \$3.00 per roll.
 Heavy, 36 in. width, containing 900 sq. ft., \$3.00 per roll.

TREE PROTECTORS

For protecting trees, shrubs, etc., from rabbits, mice and other gnawing or girdling animals. Made of water-rock elm which becomes extremely hard and tough when exposed to the weather. The wood has a peculiar bitter taste which is obnoxious to all gnawing animals. The protectors are chemically treated on one end with a coal tar preparation to prevent decaying of the wood when it comes in contact with the soil.
 If set 2 inches in the soil, they protect trees or plants like tomatoes, etc., from cut worms, frosts, etc. When ready to use, soak protectors 15 minutes in water, wrap them around the trees as many times as possible with the black or treated end down. Tie with string or wire at top and bottom. Crowd the top of the protector a little tighter at the top, so the string or wire won't slip down. Protects from all gnawing insects and animals and prevents damage caused by tools in cultivation. Shipping weight, 30 lbs. per 100 protectors. Prices: 25 for \$1.00; 50 for \$1.25; 100 for \$2.25; 1,000 for \$18.00.



Tioga Co., N. Y., July 20th, 1931.
 We received the raspberry sets in perfect condition.
 Leon Phillips.
 Morris Co., N. J., 6-4-1931.
 Received the shrubs in good condition. Thanks for gladiolus bulbs.
 Miss Rena Angle.
 Herkimer Co., N. Y., June 2nd, 1931.
 The shrubs you sent me arrived in fine shape and all are growing nicely. The Blue Spruce is certainly a fine specimen.
 W. J. Jones.
 Genesee Co., N. Y., June 4th, 1931.
 The trees are doing just fine. Expect to have some peaches from the trees we got two years ago.
 Orofino Monachino.



HOTKAPS

The New Method of Plant Protection

Germacon HOTKAPS are patented wax paper cones that completely cover each plant—the only way to fully protect them from frost. They are an "individual hothouse for each plant," protecting them not only from frost, but from wind, rain, ground-crusting, and insects as well. This is your assurance of earlier, bigger crops, and early-to-market prices.
 HOTKAPS are quickly and easily "set." One man can set over 2,500 of them in a day. Thousands of progressive farmers in every state are now regular users of this modern crop necessity. They are getting bigger, EARLIER crops and greater profits than ever before.
 Write us today about this money-maker, or simply order your season's supply now.
 Prices: 1,000 lots, \$11.50; 5,000 lots, \$10.75 per M; 10,000 lots, \$10.50 per M; 250 Trial Package, including Garden Setter with Tamper, \$4.00; 100 Home Package, including Garden Setter with Tamper, \$2.50; Germacon Hotkap Steel Setter with Tamper, \$2.50; postage extra.

LITE-O-GLASS
 For covering hot beds and cold frames, and for use in place of window glass in chicken houses, etc. 36 inches wide. Price: 1 yd., 25c; 10 yds., \$3.20; 50 to 100 yd. roll, 20c per yd.

Simplicity Hedge Pruners and Trimmers. For light work \$4.00 each. For heavy work, \$6.00 each.

Adco. for making Manure of leaves and garden rubbish. 25 lb. bag (enough to reduce 12 wheelbarrows of garden waste, making 1/2 ton of manure), \$2.00; 100 lbs. \$7.75.

Clintark Plastic Tree Compound. For treating wounds of bark or limbs of fruit or ornamental trees. 2 lb. can, 75c; 5 lb. can, \$1.25; 10 lb. can, \$2.50, postage extra.

Plants for Porch Boxes. Vinca, German or Parlor Ivy, 15c each; \$1.25 per 10. S. A. Nutt (red), and Beute Poitevine (salmon-pink) geraniums, 20c each; \$1.50 per 10. Ageratum and Coleus (4 best colors), 12c each; \$1.00 per 10. Alternantheras, for border planting (4 best colors), 12c each; \$1.00 per 10; \$8.00 per 100.

Tuberose Bulbs. 10c each; 3 for 25c; 75c for 10.

Canna Bulbs. The President (red), King Humbert (orange-scarlet), 25c each; \$2.25 per 10; \$12.00 per 100.

In-A-Circle Fertilizer Placer. For applying concentrated fertilizer to small plants without burning the foliage. Price, \$5.00 each. Circular free.

Eazy Wear Garden Gloves. All leather, soft as kid, easy to wear. Four sizes—"small" and "medium" for women, and "medium" and "large" sizes for men. 1 pair, 75c; 2 pairs, \$1.40, postpaid.

Earthen Flower Pots. All sizes from 2 inch to 12 inch and larger. Correspond for prices, mentioning number wanted and size.

Red Cross Cider Mills, Fruit Presses, and Grape Crushers. All sizes from \$3.00 to \$50.00. Send for circulars and prices.

Garden and Farm Books. We have no space to list books here, but we can supply any book in circulation at publisher's lowest rates. Let us know what you are interested in and we will suggest the book for your purpose.

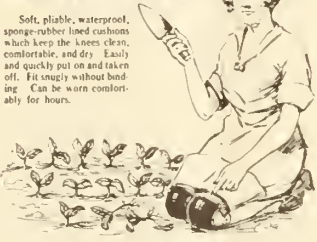
Dolge Weed Killer. Diluted with 40 parts of water, kills growth on walks, drives and gutters and all ordinary weed growth. Diluted with 20 parts of water, it kills effectually poison ivy, dandelions, crab grass and other deep rooted growths. Price, 1 qt., 60c; 1 gal., \$1.75; not prepaid.



BROWN'S CRYSTAL DUSTER

Brown's Crystal Duster is one of the newest type dusters on the market. We recommend this duster for use in dusting truck crops in the garden, roses, flower beds, roach powder, etc. This duster has the glass jar feature, which enables the operator to see the agitation of the dust and shows the amount of dust in the container. It is equipped with a long extension and adjustable nozzle which enables the operator to dust from underneath without bending. Capacity, 1 quart.
 Brown's Crystal Duster, metal cylinder, glass container, extension, \$1.25; postpaid, \$1.50.

KNEE-KUSHIONS



MRS. FLYNN'S KNEE CUSHIONS
 Soft, pliable, waterproof, sponge-rubber lined cushions which keep the knees clean, comfortable, and dry. Easily and quickly put on and taken off. Fits snugly without binding. Can be worn comfortably for hours.



IMPROVED BIRD NEPONSET

The improved Bird Neponset Waterproof Pot is lined with a water resisting substance which enables one to grow seedlings that require to be 6 to 8 months in the pots. These pots will last over twice as long as the old Neponset paper pot. The price has not been advanced.
 They take the place of Earthen Pots, at less than half price, and in most cases are just as good.

2 1/4 inch	.....100,	\$.60	1,000,	\$ 4.05
2 1/2 inch	.....100,	.70	1,000,	4.20
3 inch	.....100,	.80	1,000,	4.65
3 1/2 inch	.....100,	1.00	1,000,	5.95
4 inch	.....100,	1.10	1,000,	7.45
4 1/2 inch	.....100,	1.50	1,000,	9.20
5 inch	.....100,	2.00	1,000,	14.25
6 inch	.....100,	3.00	1,000,	19.10
7 inch	.....100,	3.50	1,000,	23.80

500 at one-half of 1,000, plus 25c for recrating.

Advantages of Neponset paper pots over earthen pots:
 1. They save all losses from breakage. 2. Weigh just one-tenth as much. Easier to handle. Reduce freight and express bills. 3. Hold moisture better. 4. Much less expensive. They are made of a tough, lasting and thoroughly waterproof paper. The pots may be used over and over again. Can be used in every way that earthen pots can be used. Ideal for transplanting and shipping potted plants and for rooting or shipping strawberry, tomato or cabbage plants. Sample mailed for 5 cents.

Neponset Black Flower Pots (New). These are made in the same form as the familiar Neponset Red Paper Pot, but the paper has been specially treated with a waterproofing saturation, followed by a waterproof coating on both sides of the paper. These pots are extremely desirable for growing young plants. There is no sign of retarding root growth, but on the contrary they seem to encourage healthy growth of young plants, we presume on the same principle as black mulch paper tends to accelerate the growth of plants outside.

Price of Neponset Black Pots

2 1/2 inch	.....100,	\$.90	1,000,	\$ 5.45
3 inch	.....100,	1.05	1,000,	7.15
4 inch	.....100,	1.75	1,000,	11.25

NEPONSET EARTH BANDS

For Growing Transplanted Plants of Tomato, Pepper, Etc.

Sizes	Quantity to Case	WT.	Price per 100
1 3/4 x 1 3/4 x 2 1/2	.....2,000	19 lbs.	\$2.72
2 x 2 x 2 1/2	.....2,000	21 lbs.	2.78
3 x 3 x 3	.....2,000	40 lbs.	3.95
4 x 4 x 4	.....2,000	51 lbs.	4.77

No order for less than case (2,000) accepted.

The Sabin Gumnfinger Lawn Rake. Made of rubber that resists wear, stays elastic, stands all kinds of distortion and comes back to shape, has no sharp points, won't perforate leaves, can't clog, can't break, can't rust. Can be stepped on and won't break. The teeth adjust themselves to every irregularity of the ground and sweep clean. They cannot tear or uproot the grass. Being springy, they tend to kick the leaves into the pile at every stroke. They are tough and wear resisting and can be used freely on gravel, brick, concrete or dirt walks. Made in 3 sizes,—16 inch, \$1.00; 20 inch, \$1.25; 24 inch, \$1.50.

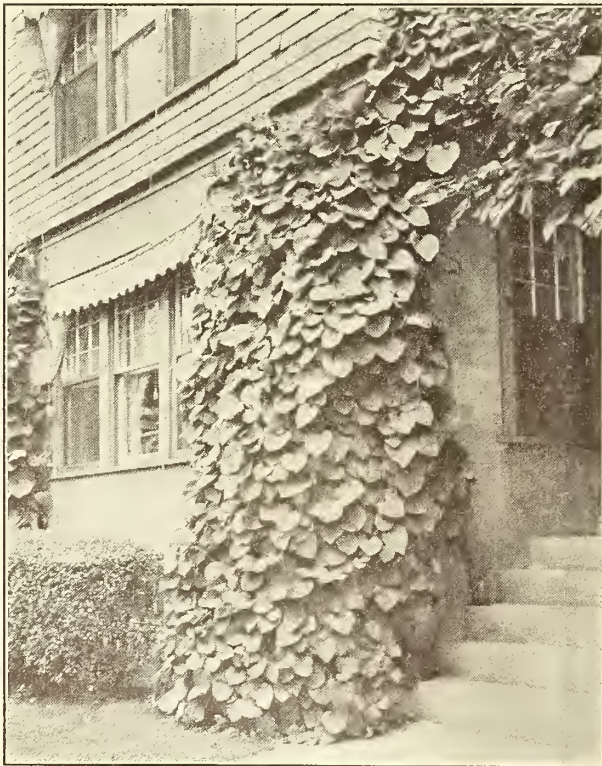
L. J. FARMER'S CATALOG 1932



TALISMAN ROSE
2-yr. \$1.00 ea., \$10 per 12. 3-yr., \$1.25 ea., \$12 per 12.
L. J. Farmer's Favorite Rose



CANTERBURY BELLS
(Campanula.) Colors: Blue, white, pink and mixed. 25c each, 3 for 70c,
10 for \$2.25, \$15 per 100.



DUTCHMAN'S PIPE
Favorite screen for porches. 12 - 18 inch, 60c; 1½ - 2 ft. 75c;
3 - 4 ft., \$1.00; 5 - 6 ft. \$1.50.



NORWAY MAPLE
Best Street Tree. 5 - 6 feet, \$1.50; 6 - 8 feet, \$2.00;
8 - 10 feet, \$2.50.

Fragaria Nurseries, Palaski, Oswego Co., New York