

## **Historic, Archive Document**

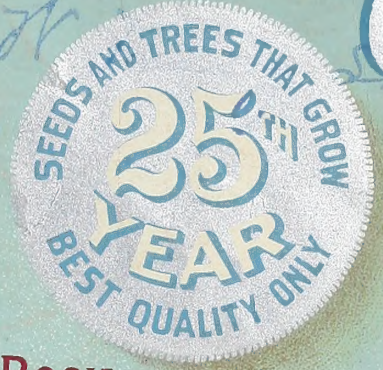
Do not assume content reflects current scientific knowledge, policies, or practices.





TWENTY-FIFTH ANNIVERSARY

*Price 25c*



MONTMORENCY CHERRY

GARDEN BOOK FOR 1911

# German Nurseries and Seed House

ESTABLISHED 1886



NAPOLÉON BIGARREAU CHERRY



MAYFLOWER PEACH

SEEDS, PLANTS AND TREES

CARL SONDEREGGER PROP.

BEATRICE, NEBRASKA.



Wenn ein Deutscher Katalog erwünscht ist, bitte schreiben Sie uns. If you prefer a German Catalog, please write us.

# PLEASE READ THIS.



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

The following certificate from our State Entomologist will be attached to all shipments of trees and plants, no matter what state they go to:

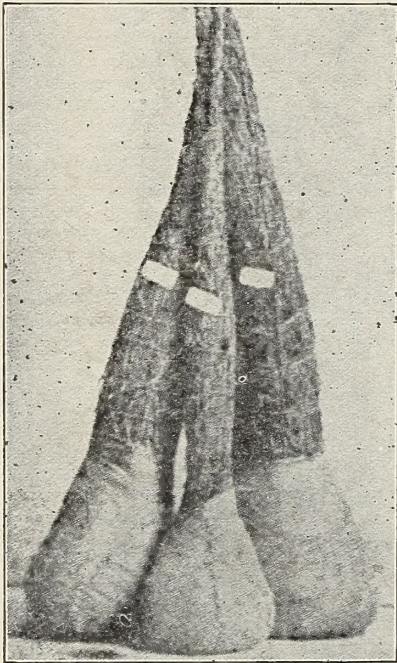
## ENTOMOLOGIST'S CERTIFICATE OF NURSERY INSPECTION.

The University of Nebraska.

This is to certify that on August 24th, 1910, I examined personally the nursery and premises of the German Nurseries, Carl Sonderegger, Proprietor, Beatrice, Nebraska, and find no San Jose Scale nor any indication that it had been present in the Nursery or its vicinity, and the stock is apparently in a healthy condition and free from all other insect pests.

This certificate is good for one year from date.

LAWRENCE BRUNER,  
State Entomologist.



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

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

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

**RAILROADS.** We can ship from Beatrice direct over the Burlington (C. B. & Q. and B. & M.), the Union Pacific and the Rock Island system

also have splendid connections over all other lines at nearby terminals and connecting points.

**PREPAID FREIGHT.** We prepay freight charges to any railroad station in the United States (excluding steamship and stage charges) on all orders for Trees and Plants amounting to \$10.00 net or over, when cash sent with order or remittance is in our hands before shipment is made.

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

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

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

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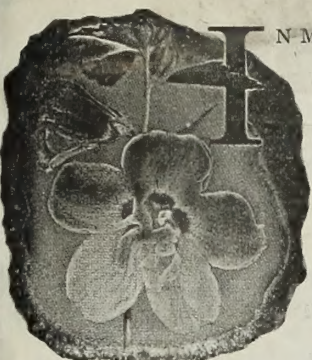
The trees and other things came in good shape and are dandies. If they don't grow, I shall know it to my fault. I am obliged and may have occasion to order again.

Dexter, N. M.  
R. H. MCKAY.



Will H. Tracy Sr.

## GENERAL DIRECTIONS.



**IN MAKING** up your order please use the order blank attached to this catalog. By so doing you will not only save yourself the trouble in writing out an order form, but will also greatly facilitate the handling of your order here. A printed return envelope for your order will also be found in every catalog. You may feel assured that all orders, large or small, will have our careful attention. You will receive first class stock only, and the order will be handled and packed in the best possible manner and delivered to you in good condition. Do not fail to look over our Novelty pages on pink paper in center of catalog, also our special 25th Anniversary Bargains offered on pages 64 and 74 before mailing your order.

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

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

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

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

**IN OUR SEED DEPARTMENT** we offer a full line of Garden, Flower and Field Seeds of the best quality. All seeds we send out are first tested as to their germinating qualities. They are well cleaned and fresh, and will grow if given a chance. You can order your wants of trees, plants and seeds of us, and need not send to two houses or buy two money orders. For further information about seeds see page 74.

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

**WE PAY ALL FREIGHT CHARGES** (not express charges) on orders for trees and plants of \$10 or more, no matter whether one person orders alone or a number order together. For parties that wish to get their trees by express instead of freight, we will pay as much towards the express charges as the freight would amount to, balance to be paid by purchaser. **This applies to trees and plants only, not to seeds.** With smaller orders we generally add a few plants to help pay the freight or express charges, and we shall be glad if customers will mention what they prefer. Packages of thirty pounds or less generally go just as cheap by express as by freight. It happens sometimes through ours or the railroad agent's mistake, that the freight on a box is not prepaid when it should be. In any such case please pay the freight, send us the agent's receipt, and we will remit you the amount.

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

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

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

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

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

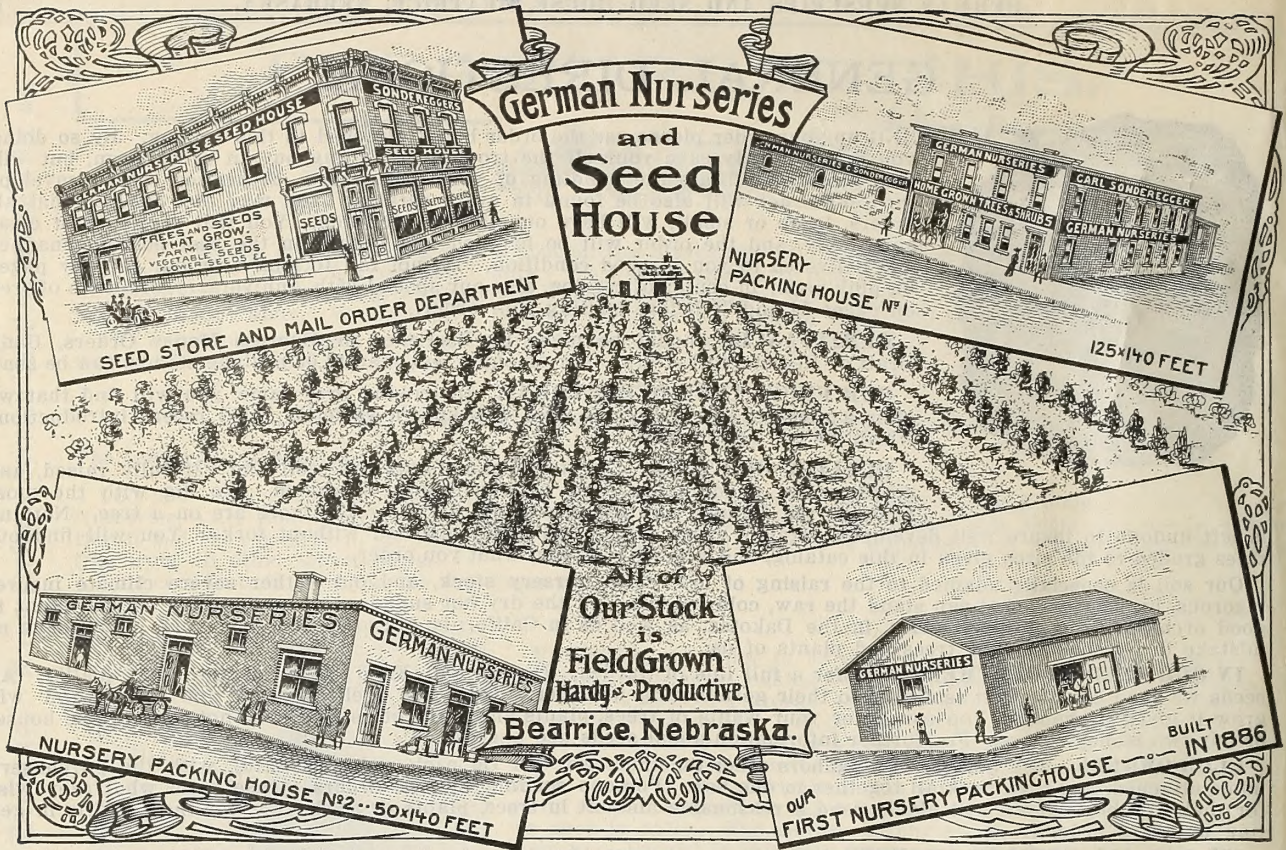
**OUR NURSERIES** have been thoroughly inspected by the State Entomologist. A certificate like the one on inside cover page will be attached to all shipments.

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

Address all orders to

**German Nurseries and Seed House,  
Beatrice, Nebraska.**





1886

OUR 25th ANNIVERSARY

1911

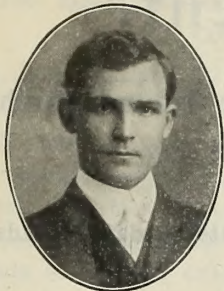
**To Our Friends and Patrons:**

**A** QUARTER of a Century has passed since the issuance of my first catalogue of four pages only, in the year 1886. With me, this is quite an occasion, making as it does, my 25th year of business as Nurseryman and Seedsman in Nebraska.

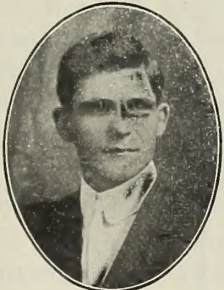
The many kindly and real friendly letters I receive from a good many customers every year, incline me to believe that a few words about my business will be of interest to many thousands of my patrons, many of whom have purchased trees or seeds of me every year since 1886. I started in the Nursery business 25 years ago on my farm 10 miles from Fairbury, Nebraska, and two miles from what was then called "Bower Post Office." My near neighbors were my first customers. A few small advertisements in agricultural papers and my little catalogue did not bring the expected results at first and my first years' sales were a good deal less than we sell now in one day in the busy season. By dealing square and honestly with my customers, strict personal attention to my business, and more advertising, my sales increased slowly, until in 1899 I found it almost impossible to haul by wagon all my orders to the railroad station 10 miles away. I then concluded to move my business to Beatrice, where I found excellent railroad facilities, having three of the principal systems of the West, and where I located my Nursery near the city, thus avoiding long hauls of trees and plants. Since then, I have built large storage cellars, packing houses, and a seed warehouse, as shown in the above cut. The latter is equipped with the best cleaning and sorting machinery that can be purchased and run by electric power.

During all the 25 years, I have personally looked after my business, and I shall do so in the future. Besides, I now have the help of four sons who have grown up in the Nursery and Seed business. Three of them have finished their education in Europe and have also worked in some of the best Seed Houses and Nurseries in Germany.

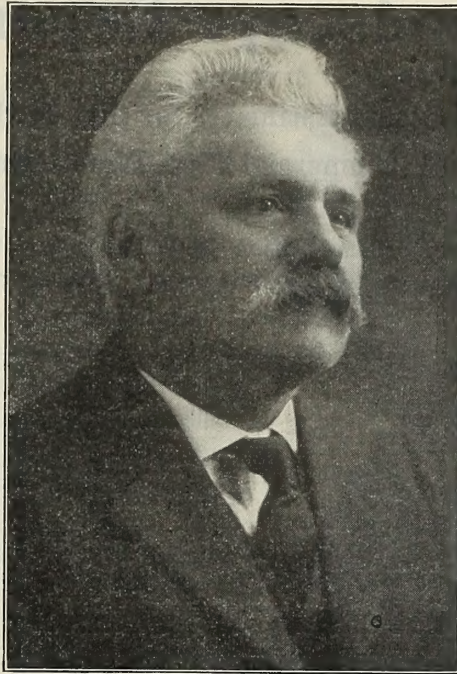




Chas. C. Sonderegger.



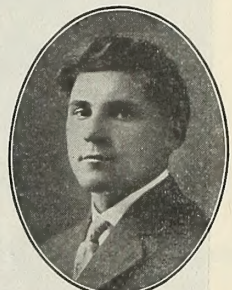
E. L. Sonderegger.



CARL SONDEREGGER.



Fred F. Sonderegger.



Arthur Sonderegger.

### Our 25th Anniversary—Continued.

It has ever been my constant aim to furnish only the best quality of seeds and trees; to treat my customers liberally, and I have always been ready to correct any mistakes made on our part, and shall persistently adhere to this motive in the future. It affords me great pleasure and no little pride in sending out this, my Twenty-Fifth Anniversary catalogue. I have endeavored to make it interesting as well as valuable to you. The descriptions are not burdened with bombastic statements and the illustrations are true to nature, having mostly been reproduced from photographs.

I take this opportunity to thank all our old friends and patrons for their loyalty and their kind words of recommendation to others, which in so large a measure contributed to my success. I wish them all prosperity and happiness for 1911.

Yours very truly,

*Carl Sonderegger.*

#### A few Letters from Some of Our Oldest Customers.

Let me congratulate you on the 25th Anniversary of your business. I bought trees of you 25 years ago and still buy all trees and seeds I need from your house. Have always been well satisfied and gladly recommend your firm to all my friends. Wishing you further success, I am,  
Your friend,  
Jansen, Nebr. JOHN NIDER.

Having heard that you will celebrate the 25th Anniversary of your Nursery and Seed business the next spring, I take great pleasure in telling you that I have purchased my supplies from your firm for that many years, whenever I needed trees or seeds.

I have always found your trees fully up to your claims and have had splendid success with all goods received from you. I am glad to speak a good word for you and your business. Wishing you a prosperous 25th season, I am,  
Yours very truly,  
Plymouth, Nebr. HENRY DICKMAN.

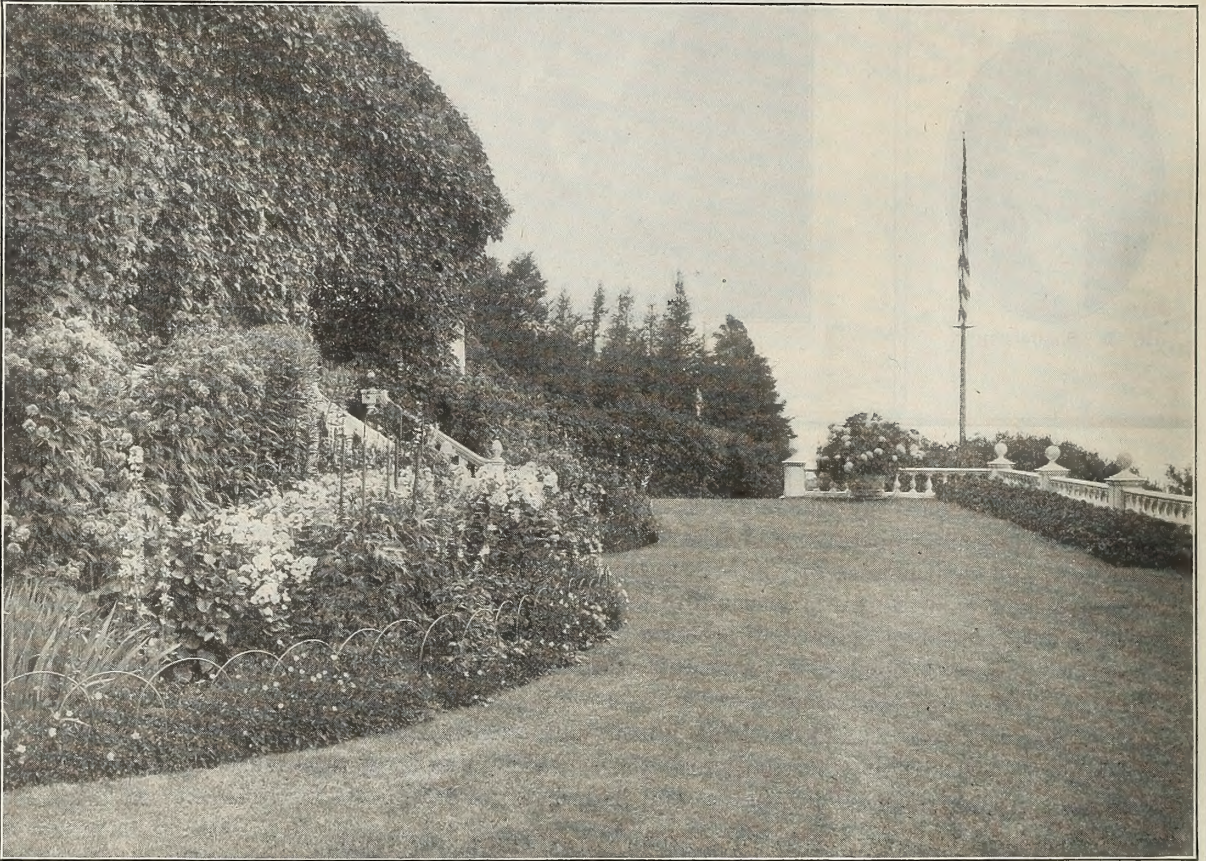
My best wishes for your 25th business Anniversary. Having bought and planted your trees and seeds for that many years, I believe I am in position to say that you will do a splendid business for 25 years more. Your goods are first class in every respect and give satisfaction. Your customers can ask no more of anybody than you do for them. With kindest regards,  
Yours truly,  
Plymouth, Nebr. HENRY HEILIGER.



# Our Landscape Department.

Landscape Engineering, Plans and Estimates for City Parks, Home Grounds, Orchards and Commercial Fruit Plantations.

Execution of Contracts Anywhere. Construction of Grottos, Fountains, Wintergardens, Roads and Driveways. We submit plans. Please write us.



The above illustration shows a well laid-out landscape, greatly enhanced in beauty by effective plantings of Perennials and Hardy Vines.

## To Our Patrons:—

It affords us great pleasure to herewith announce that we have added a Landscape Department to our business. Numerous inquiries from our old customers for a helping hand in giving advice for the laying out of their home grounds, as well as inquiries from large estates and public parks for plans and specifications, have urged us to take this step.

We have secured the services of the renowned Landscape Architect and Gardener, Mr. Edward J. Koenig, of Chicago, Ill., who has had many years experience in the art of fine Landscape Gardening.

We are able to offer every facility for the planning and execution of all landscape work connected with private estates, parks, cemeteries, and village sites, as well as for the home grounds.

Mr. Koenig has for many years been engaged in laying out and planting both large and small private estates, public parks, home grounds, orchards, and fruit plantations; in the construction of Win-



## OUR LANDSCAPE DEPARTMENT.

Continued.

tergardens, Grottos, Fountains, Pavillions, Lagoons, Rustic Bridges, etc.

We submit plans and estimates of cost for landscape work of any character or any extent. Where important work is contemplated upon large grounds, a personal visit to the property is necessary; for grounds of limited extent, we are usually able to make a plan, if but a rough outline, giving distances and location of buildings, is mailed to us.

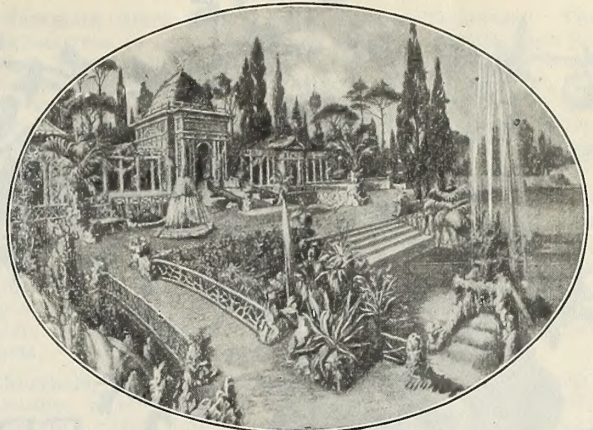
Mr. Koenig's experience in this line of work has been quite extensive in this country and in Europe and we certainly shall endeavor to surpass all his previous efforts to give the most perfect service at a nominal cost.

Our large assortment of well grown and suitable nursery stock, shrubs and plants, tends to make his work much easier and insures the success of such plantations.

We make a specialty in the construction of Grottos and tuffstone work, keeping in stock all necessary materials and having in our employ skilled laborers to do this work right.

Upon your contracts we depend to make this department a success. Your inquiries are solicited, write us freely for advice and we will give your communications our best attention.

We issue a special profusely illustrated catalogue, which will gladly be mailed to anyone interested.



Erected at the World Exposition—Paris. 1900.  
Awarded with the "Grand Prix."



"Grotto of Lourdes" erected for the Our Lady of Angels Seminary at Lyons, Iowa. (This illustration shows what beautiful effect can be had from Grotto work of the right kind.)





# FRUIT DEPARTMENT.

## APPLES.

This is the most important fruit we have. It is profitable to the producer, more so than any other crop of which we know. A good apple is relished by all and at all times. By planting the right varieties, you can have fresh apples almost during the whole year. The Early Harvest ripens by the Fourth of July, while such varieties as the Janet, Winesap, Ben Davis and Northwestern Greening will keep fresh till June 1st.

Apples should be planted about 25x25 feet; some plant 30x30 feet. In this case it is advisable to plant peach or cherry trees between the rows. Plant trees about one inch deeper than they stood in the nursery, keep the ground free from weeds and well cultivated.

We give below a list of the best varieties in cultivation for home use and market. Two years old first class apples are not as plenty as usual this year and prices therefore rule somewhat higher. In the two year old trees the caliper is about as follows: 5-7 feet  $\frac{3}{4}$  inch and up; 4-5 feet,  $\frac{5}{8}$  to  $\frac{3}{4}$  inch; 3-4 feet,  $\frac{1}{2}$  to  $\frac{3}{4}$  inch; 2-3 feet, less than  $\frac{1}{2}$  inch. All our Apples are grafted either on whole or piece roots.

We make the following low prices on 2-year old Apple trees, all varieties except where otherwise mentioned.

	Per 1	Per 10	Per 100	Per 1000
1½ to 2 feet, 1 year old, grafted.....	\$0.04	\$0.40	\$ 4.00	\$ 38.00
2 to 3 feet, 1 year old, grafted.....	0.09	0.80	7.50	70.00
2 to 3 feet, 2 year old, grafted.....	0.07	0.65	6.00	60.00
3 to 4 feet, 1 year old, grafted.....	0.13	1.20	11.00	100.00
3 to 4 feet, 2 year old, grafted.....	0.13	1.20	11.00	100.00
4 to 5 feet, 1 year old, grafted.....	0.20	1.90	18.00	175.00
4 to 5 feet, 2 year old, grafted.....	0.22	2.10	20.00	195.00
5 to 7 feet, 2 year old only, grafted.....	0.30	2.85	27.00	260.00
1½ feet to 2 feet, 1 year, postpaid by mail.....	0.10	0.85	8.00	

## WINTER VARIETIES.

**Arkansas Black.** Fruit is large, of roundish shape; color rich dark red; flesh orange yellow. A good market sort, very hardy and trees bear well, even when young. 1 and 2 year old trees.

**Baldwin.** A well known variety. Fruit large, round or somewhat flattened, smooth and of red color; flesh yellow, rich, crisp and juicy, of good quality. A fine keeper. Excellent for table use and cooking. In the eastern states this is regarded as one of the most popular and profitable market sorts. Tree is a strong, thrifty grower, and very productive. 2 year old trees only.

**Ben Davis.** Known also as Kentucky Red, and New York Pippin. This variety is still in good demand for commercial and family orchards. Fruit large, round, bright yellow, covered with red; flesh white, tender, juicy; flavor sub-acid. Fine keeper. The tree grows upright and very vigorous. Is heavily planted in Missouri and Arkansas. 1 and 2 year old trees.

**Gano.** A seedling of the Ben Davis, originated at Parkville, Mo. It very much resembles the Ben Davis in appearance. Claimed to be better flavored, more productive and profitable than its parent. Fruit of good size and smooth, deep red, very attractive. Flesh fine grained, tender, pleasant, mild sub-acid. A splendid keeper and shipper. Tree healthy, vigorous and hardy, an annual and prolific bearer. 1 and 2 year old trees.

**Grimes Golden-Pippin.** Fruit medium to large, of rich, golden yellow color, sprinkled with small gray and light dots; flesh yellow, crisp, tender, spicy, sub-acid, peculiar aroma. One of the finest flavored apples and should be largely planted in commercial orchards. A favorite market sort. Not hardy north of here. 1 and 2 year old trees.

**Janet or Jenaton.** Medium size; greenish yellow striped with red. Very juicy and a long keeper. Tree blooms ten days later than other apples, and often will bear a good crop when other sorts fail on account of late frosts. A popular well-known variety. Tree bears well when young. 2 year old trees only.



Grimes Golden Pippin.



## APPLES. WINTER VARIETIES.—Continued.



Jonathan. (Page 8.)

Tree spreading and a great bearer; keeps well. Not adapted for Nebraska. 2 year old trees only.

**Scott's Winter.** Tree very hardy and vigorous grower. Fruit bright red, crisp, spicy, and of a brisk acidity; long keeper. A well known old and very popular apple. 2 year old trees only.

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

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

**White Winter Pearmain.** Fruit medium large, pale yellow, smooth surface; flesh yellow, juicy, tender and rich, mild, sub-acid and pleasantly aromatic, very fine quality. Splendid for table, kitchen and market. Tree a moderate grower with spreading top. Valuable in the West, but not in the East on account of scale. 1 and 2 year old trees.

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

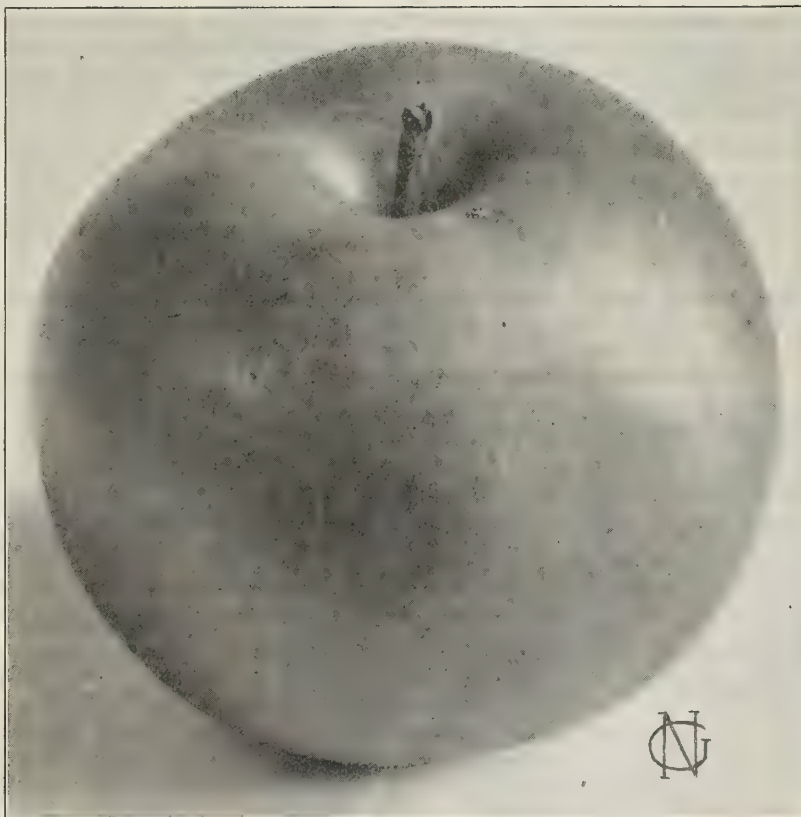
**Mammoth Black Twig.** Originated in Tennessee. The original tree is now fifty years old and is still vigorous and in bearing; fruit large to very large, roundish, somewhat flattened; dark red, slightly streaked; flesh firm, yellow, sub-acid and juicy and of excellent quality; a fine keeper. Its size,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

**Missouri Pippin.** Tree strong, upright grower and great and early bearer, the branches frequently breaking down under the burden of fruit. Fruit medium size, bright red, striped and splashed on yellow ground; shape lop-sided, flavor acid, quality good. Use: market, kitchen, cider. A better bearer and of better quality than the Ben Davis. Tree very hardy. 1 and 2 year old trees.

**Northern Spy.** Fruit large, bright red, splashed with carmine; rich, juicy and refreshing; very good quality. Tree very hardy, late bloomer. Largely grown in Michigan, Wisconsin and the eastern states. Not very successful in Nebraska. 2 year old trees only.

**Northwestern Greening.** Tree a splendid, vigorous grower, extremely hardy. Fruit large, green, becoming yellowish-green when ripe. Flesh yellow, fine grained and firm; flavor a good sub-acid. Very smooth and attractive, and taking place second only to the Wealthy as an all around late market apple. A productive and reliable cropper. One of the best apples for all Northern states. 1 and 2 year old trees.

**Roxbury Russet.** Fruit medium to large; surface rough, covered with russet. Crisp and juicy, good quality.

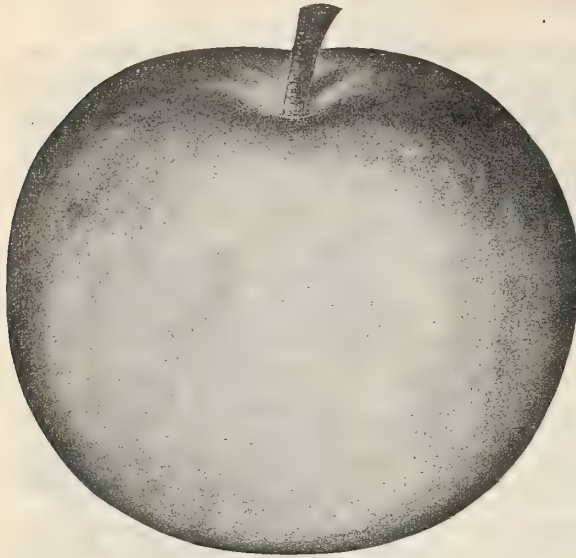


Northwestern Greening.



APPLES.

WINTER VARIETIES.—Continued.



Franz.

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

Price of Franz.

	Per 1	Per 10	Per 100
2 to 3 feet, 2 year root, 1 year top.....	\$0.12	\$1.10	\$10.00
3 to 4 feet, 2 year root, 1 year top.....	0.16	1.40	13.00

Price of Jonathan.

	Per 1	Per 10	Per 100	Per 1000
18 to 24 in., 1 year old, grafted..	\$0.07	\$0.65	\$6.00	\$55.00
2 to 3 ft., 1 year old, grafted.....	0.10	0.90	8.50	80.00
2 to 3 ft., 2 year old, grafted.....	0.08	0.75	7.00	65.00
3 to 4 ft., 1 year old, grafted.....	0.15	1.35	12.00	115.00
3 to 4 ft., 2 year old, grafted.....	0.15	1.35	12.00	115.00
4 to 5 ft., 1 year old, grafted.....	0.22	2.10	20.00	195.00
4 to 5 ft., 2 year old, grafted.....	0.25	2.30	22.00	215.00
5 to 7 ft., 2 year old, grafted.....	0.32	3.00	28.00	275.00
18 to 24 in., by mail postpaid.....	0.10	0.90	8.50	

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

**McIntosh Red.** Large, roundish, skin mostly covered with bright red or crimson, almost purplish in the sun. Flesh white, very tender, juicy, mild, sub-acid. Tree vigorous, extremely hardy and long lived. Good bearer. Best for market in Wyoming and Montana. 1 year old trees only. Price same as Rome Beauty and Spitzenburg, see below.

**Rome Beauty.** A very fine sort of which large orchards are planted in New Mexico, Colorado and Idaho. It is one of the best market apples. Fruit large, yellow with red; of good quality and a long keeper. Tree bears well. Not hardy in Nebraska. 1 year old trees only. Price same as Spitzenburg, see below.

**Spitzenburg.** Large, oblong, and smooth, nearly covered with rich lively red and dotted with yellowish russet dots, on shaded side yellowish with broken stripes of red; flesh firm, crisp, juicy, with a delicious crisp flavor. An old stand-by whose popularity has never waned. 1 year old trees only. Price, see below.

Price of McIntosh, Rome Beauty and Spitzenburg.

	Per 1	Per 10	Per 100	Per 1000
18 to 24 inch, 1 year old, grafted.....	\$0.07	\$0.65	\$6.00	\$55.00
2 to 3 feet, 1 year old, grafted.....	0.12	1.10	10.00	90.00
3 to 4 feet, 1 year old, grafted.....	0.16	1.40	13.00	120.00
4 to 5 feet, 1 year old, grafted.....	0.20	1.90	17.00	160.00
18 to 24 inch, by mail postpaid.....	0.10	0.90	8.00	

**Yellow Newton Pippin.** Large, skin smooth, golden yellow; flesh firm, crisp, juicy; one of the standard varieties in California and more extensively planted than any other apple. January to March. 1 year old trees only. Price see below.

Price of Yellow Newton Pippin.

	Per 1	Per 10	Per 100	Per 1000
18 to 24 inch, 1 year old, grafted.....	\$0.06	\$0.55	\$5.00	\$45.00
2 to 3 feet, 1 year old, grafted.....	0.12	1.00	9.00	85.00
3 to 4 feet, 1 year old, grafted.....	0.15	1.30	12.00	110.00
4 to 5 feet, 1 year old, grafted.....	0.20	1.80	16.00	155.00
18 to 24 inch, by mail postpaid.....	0.10	0.90	8.00	

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

Price of Winter Banana.

	Per 1	Per 10	Per 100	Per 1000
18 to 24 inch, 1 year old, grafted.....	\$0.10	\$0.90	\$8.00	\$75.00
2 to 3 feet, 1 year old, grafted.....	0.15	1.30	12.00	115.00
3 to 4 feet, 1 year old, grafted.....	0.20	1.70	16.00	155.00
4 to 5 feet, 1 year old, grafted.....	0.25	2.30	22.00	210.00
5 to 6 feet, 2 year old, grafted.....	0.35	3.25	30.00	
18 to 24 inch, 1 year old, by mail postpaid.....	0.15	1.35	12.00	



Winter Banana.



## APPLES.—Continued.

## FALL VARIETIES.

For Prices see Page 6.



Wealthy.

**Wealthy.** A variety highly valued for its extreme hardness at the far North. Tree is a thrifty grower and a good bearer. Fruit medium, roundish; skin smooth, mostly covered with dark red; flesh white, fine grained, juicy, sub-acid, good quality. Will keep till January. Extra good market sort and splendid dessert and cooking apple. This is one of the few most desirable varieties for Minnesota, Wisconsin, Iowa, Nebraska, as well as the Eastern and Middle States. In season it differs somewhat according to locality. A young bearer and can be profitably used as a filler in all regions. 1 and 2 year old trees.

**Autumn Strawberry.** Tree upright, thrifty grower, but not very hardy. Fruit medium, roundish; surface smooth, waxen, yellow, mixed and striped with scarlet. Flesh yellow, tender, fine grained, very juicy, slight strawberry flavor. Quality best. For dessert especially desirable. Season: August and September. 1 and 2 year old trees.

**Fameuse.** (Snow Apple.) Tree hardy, vigorous and productive. A fine apple of medium size, round, surface pale yellow, nearly covered with red, very beautiful. Flesh snowy white, tender, fine grained, juicy; flavor mild, sub-acid. Quality very good. Use: Dessert, kitchen, market. Season: November to January. 2 year old trees only.

**Maiden Blush.** An old widely known sort. Fruit medium to large, pale yellow with beautiful blush cheek on sunny side. Flesh snow white, juicy and of good quality. Succeeds well in the Eastern States. Tree not very productive here. The fruit is much used for drying, the product being noted and valued for its whiteness. Season: September to October. 2 year old trees only.

**Pumpkin Sweet.** Large, yellowish russet; flesh white, very sweet and of rich flavor. Tree is a free grower and very productive. Season: August to September. 2 year old trees only.

**Wolf River.** Originated in Wisconsin. Tree of vigorous growth and fairly productive. One of the largest apples, handsome light yellow, with stripes and splashes of bright red, very showy. Flesh white, juicy, pleasant flavor, quality fairly good. An excellent cooking apple. Profitable mainly as a show apple on account of its immense size and beauty. 1 and 2 year old trees.

## SUMMER VARIETIES.

For Prices See Page 6.

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

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

**Early Harvest.** (Yellow Harvest.) Very popular summer apple. Tree healthy, vigorous grower and good bearer. Fruit medium size, nearly round, surface smooth, clear waxy yellow, rarely blushed. Flesh tender, juicy, sub-acid; flavor good, quality best. A fine apple for either dessert or culinary purposes, but not a good keeper. Ripens in July. 1 and 2 year old trees.

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

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

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

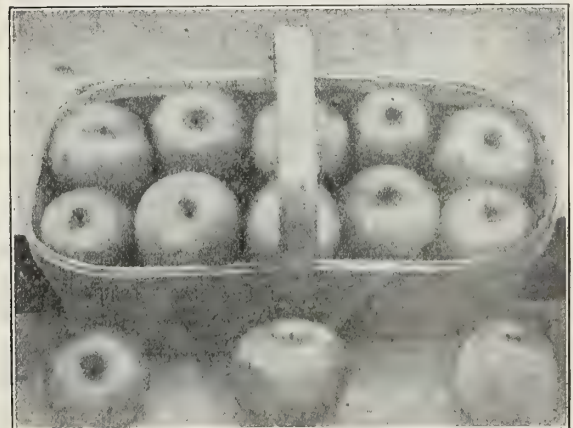
We pay freight charges on all orders for trees and plants (not seeds) amounting to \$10.00 or over.

:O:

Arkansas City, Kans., Aug. 20, 1910.

Please send me another catalog as one of my neighbors wants to send for articles in the tree line in the coming spring. And I will also want four or five thousand more trees next year. The trees I received from your nursery are the finest in this locality and the people are all praising them.

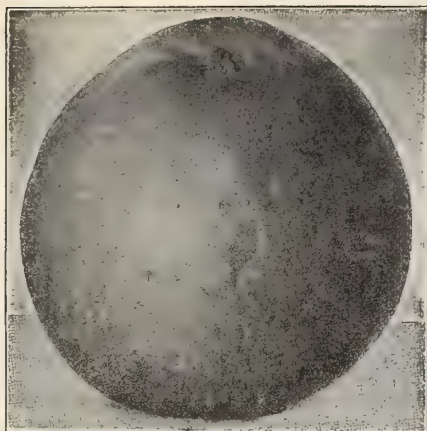
Yours truly,  
W. M. EASTERHELD.



Yellow Transparent.



### CRAB APPLES.



Martha Crabapple.

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

**Price of all varieties excepting Florence and Transcendent.**

	Per 1	Per 10	Per 100	Per 1000
2 to 3 feet, grafted, mostly 2 year old.....	\$0.07	\$0.65	\$6.00	\$60.00
3 to 4 feet, grafted, 2 year old.....	0.13	1.20	11.00	100.00
4 to 5 feet, grafted, 2 year old.....	0.22	2.10	20.00	195.00
5 to 6 feet, grafted, 2 year old.....	0.30	2.85	27.00	260.00
18 to 24 inch, grafted, by mail postpaid.....	0.10	0.85	8.00	

**General Grant.** Fruit large, round, cream yellow ground nearly covered with red stripes; flesh white, tender, mild, sub-acid. A good market sort and in great demand for culinary purposes. Tree a vigorous, upright grower and good bearer. Ripens in October. 2 year old trees only.

**Hyslop.** Fruit deep crimson, medium to large size, acid. Bears abundantly in clusters which makes the tree exceedingly ornamental. Its high color always commands a good market price for it. Good for cider and culinary purposes. One of the most beautiful crabs, and tree is very hardy. Very satisfactory in Colorado, throughout the West and in Michigan. Ripens late. 2 year old trees only.

**Martha.** A leading variety everywhere. Fruit large, yellow with red. Flesh fine grained and firm. Flavor mild, sub-acid. Very juicy and exceptionally fine for cooking. A good shipper, and as a jelly crab it has no superior. Tree is handsome, very hardy, a rapid grower and great bearer. Season: October and Nov. 2 year old trees only.

**Red Siberian.** Fruit small, round and grows in clusters. Very acid. Tree is a free grower and handsome, bears young and abundantly. Of extreme hardiness. 2 year old trees only.

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

**Florence.** Is considered the best and most valuable of all crabs. Fruit is large, striped and mottled crimson and yellow; unsurpassed for jellies, preserves, and cider. Tree very hardy, of dwarfish habit, therefore may be planted closely; bears young and very prolific. When in full fruit the tree is a beautiful ornament for any yard or garden. 1 and 2 year old trees. Price, same as Transcendent, see below.

**Transcendent.** Fruit medium to large, brownish red, showy and very handsome. Flesh firm and crisp, fine grained, juicy and acid. Excellent for making jelly, pickles and preserves, splendid for making cider. Does well in South Dakota and the North. A vigorous grower, about the hardiest of all. An immense bearer and often bears fruit three years after planting. Season: September. 1 and 2 year old trees. Price see below.

**Price of Florence and Transcendent.**

	Per 1	Per 10	Per 100	Per 1000
18 to 24 inch, 1 year old, grafted.....	\$0.05	\$0.50	\$5.00	\$48.00
2 to 3 feet, 1 year old, grafted.....	0.10	0.90	8.50	80.00
2 to 3 feet, 2 year old, grafted.....	0.08	0.75	7.00	65.00
3 to 4 feet, 1 year old, grafted.....	0.14	1.30	12.00	110.00
3 to 4 feet, 2 year old, grafted.....	0.14	1.30	12.00	110.00
4 to 5 feet, 2 year old, grafted.....	0.25	2.25	21.00	200.00
5 to 6 feet, 2 year old, grafted.....	0.35	3.10	30.00	280.00
18 to 24 inch, grafted, by mail postpaid.....	0.10	0.85	8.00	

### DWARF APPLES.

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

**Price of Dwarf Apples.**

	Per 1	Per 10	Per 100
2 to 3 feet, budded .....	\$0.20	\$1.75	\$15.00
3 to 4 feet, budded.....	0.30	2.75	24.00
Small trees, budded, by mail postpaid.....	0.25	2.25	19.00

**Bismarck.** Introduced from New Zealand. A tremendous bearer and one of the very best apples for hot climates. Fruit is of a beautiful golden-yellow color, of the largest size. Very highly flavored and a grand dessert apple; also suitable for cooking purposes. Ripens early and is a good keeper.

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

We also have the following varieties:  
For description of these varieties see page 6 to 10.

**GRIMES GOLDEN PIPPIN, RED JUNE, MAMMOTH BLACK TWIG, NORTHWESTERN GREENING, WHITNEY CRAB, FRANZ and JONATHAN.**



Dwarf Apple.



**PEARS.**

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

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

**Price of all varieties except Anjou, Bartlett and Rutter.**

	Per 1	Per 10	Per 100	Per 1000
2 to 3 ft., budded, whips....	\$0.12	\$1.10	\$10.00	\$95.00
3 to 4 ft., budded, branched, 0.18		1.70	16.00	150.00
4 to 5 ft., budded, branched 0.25		2.35	22.00	215.00
5 to 7 ft., budded, branched 0.35		3.25	30.00	
2 to 3 ft., budded, p'd mail 0.20		1.80	17.00	

**Bartlett-Seckel.** (Bartlett Hybrid.) This variety is a cross of the well known Bartlett and Seckel and combines the good qualities of both. In size it is much larger than the Seckel. The fruit is of the finest possible quality, with hardly any core; melting and juicy. Tree is a vigorous grower and early bearer. Should be planted largely in all pear growing sections. Ripens in September.

**Clapp's Favorite.** Fruit very large, long, pale yellow and dull red, with russet specks. Flesh juicy and delightful in flavor and quality. A fine looking pear, resembling the Bartlett and ripening a little earlier. It will always be a favorite with many orchardists on account of its hardiness.

**Duchess.** (Duchesse d'Angueleme.) Fruit very large, dull greenish yellow, spotted russet; flesh white, rich and juicy, good quality. Tree is hardy, a most dependable cropper and all around profitable market sort. Tree bears very young, often fruiting the first year after planting. One of the very best as a dwarf. Duchess pears are being planted extensively, and are succeeding splendidly in Michigan. Ripens end of Sept.

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

**Garber.** A large, juicy pear, beautiful bright yellow with red. Of fair quality, splendid sort for canning and highly profitable. Tree hardy, healthy, free from blight and bears young. One of the Japan Hybrids and a valuable market pear. For large yields and profits a dependable pear. Ripens early.

**Japan Golden Russet.** Large, handsome, flat shaped fruit of golden russet color. An enormous bearer. Quality about the same as the Kieffer. Fine for cooking and for canning. Largely planted in Oklahoma and Texas. Very profitable market sort; keeps well in winter. Tree is a strong grower, quite free from blight, a young and regular bearer, withstands heat and drought well. Every orchard should contain a few trees of this variety.

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

**Koonce.** Originated in Southern Illinois. Medium to large fruit of golden yellow color with bright blush; juicy, sweet and spicy, good quality. Tree very hardy, of vigorous, upright growth, resisting blight well. Koonce has been known to bear when all other varieties were destroyed by frost. The handsomest and best early pear. A sure cropper and sells well.

**Seckel.** This small but most delicious pear originated on the farm of Mr. Seckel, near Philadelphia. Without question the richest and most highly flavored variety known. Its highly concentrated, spicy, honeyed flavor is not equalled by any other variety. Skin brownish-green with a lively russet-brown cheek; flesh whitish, buttery, juicy and melting. Always in demand as a dessert and market pear. Tree hardy and blight resistant. A good pear for the West. Of the Seckel we have 2 to 3 feet and 3 to 4 feet trees only, no larger sizes. Ripens Sept. to October.

**Vermont Beauty.** A most desirable pear. The fruit is of medium size, very handsome, being yellow with a bright carmine cheek; the flesh is rich, juicy, aromatic, of the best quality and almost equal to the Seckel. Tree hardy and a vigorous grower. A splendid medium early variety and a beauty in appearance. Ripens immediately after the Seckel.

**Wilder.** Ripens extremely early. Fruit of medium size, greenish yellow with small core. Flesh yellow, fine grained, tender, sub-acid, melting and delightful in flavor. The tree bears good crops early. This splendid pear is being widely planted commercially and sells well in all markets at good prices. One of the best keeping of the early pears.



Duchess.



**PEARS.—STANDARD.—Continued.**

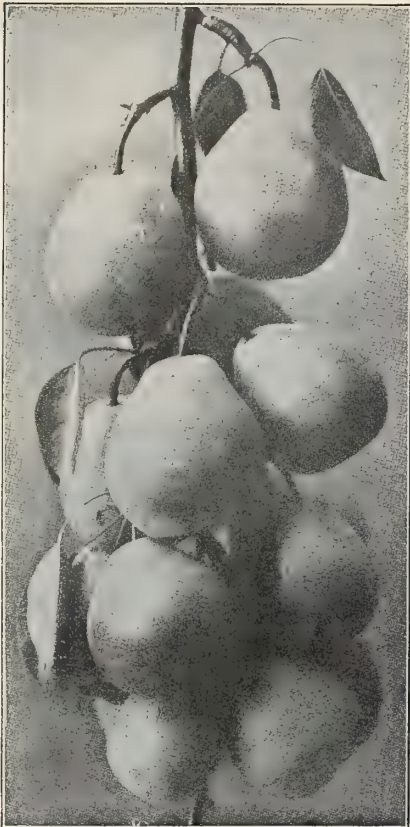
**Price of Anjou, Bartlett and Rutter.**

	Per 1	Per 10	Per 100	Per 1000
2 to 3 feet, one year from bud.....	\$0.15	\$1.40	\$13.50	\$125.00
3 to 4 feet, one or two year from bud.....	0.22	2.10	20.00	180.00
4 to 5 feet, two year from bud.....	0.30	2.75	25.00	230.00
5 to 7 feet, two year from bud.....	0.37	3.50	33.00	300.00

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

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

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



Kieffer. (See page 11.)

**DWARF PEARS.**

Dwarf pear trees are budded on quince stock. They never grow very large, therefore can be planted close together, about 12x12 feet is right. This makes them suitable for gardens and town lots. They will bear two or three years after being transplanted. If the ground is drawn up around the tree in the late fall to protect the roots, they are perfectly hardy in Nebraska. Spraying with Bordeaux Mixture will keep the blight away. Try a few trees and you will be surprised how soon you will raise a crop of pears. We have the following varieties in Dwarf Pears:

For description of varieties see list of Standard Pears.

Price of **Duchess, Seckel, Flemish Beauty and Clapp's Favorite** in all sizes except 2 to 3 feet. **Koonce, Kieffer and Rutter** in 2 to 3 feet and 3 to 4 feet sizes only.

	Per 1	Per 10	Per 100
2 to 3 ft, Koonce, Kieffer and Rutter only.....	\$0.12	\$1.10	\$10.00
3 to 4 ft., all above varieties.....	0.16	1.50	14.00
4 to 5 ft., all above varieties.....	0.20	1.75	17.00
5 to 6 ft., all above varieties.....	0.25	2.30	21.00
Small trees, by mail postpaid.....	0.20	1.80	

**Price of Anjou and Bartlett.**

	Per 1	Per 10	Per 100
3 to 4 feet, budded.....	\$0.18	\$1.70	\$16.00
4 to 5 feet, budded.....	0.22	2.10	18.00
5 to 6 feet, budded.....	0.30	2.50	23.00
Small trees postpaid by mail.....	0.25	2.40	

-----:o:-----

Olex, Oregon.

Enclosed find order for Nursery Stock and Seeds. I received all the goods you sent me last spring in fine condition. Out of the 100 Peach trees, I did not lose a single tree, in fact everything grew right from the start. I have been engaged in the fruit and vegetable business for over 40 years and have never received a shipment of trees that gave me as good satisfaction, both in quality and price, as those from your Nursery.

GEO. W. MARVEL.

-----:o:-----

We pay freight charges on all orders for trees and plants (not seeds) amounting to \$10.00 or over.



Dwarf Pear Tree.

San Jacinto, Cali.,

I wish to thank you for the fine lot of trees you sent my son at Willcox, Ariz. Nearly every one is growing nicely. Enclosed find seed order for \$10.50 to be sent to him.

E. VERTREES.



**PLUMS.**

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

**Price of all varieties.**

	Per 1	Per 10	Per 100
2 to 3 feet, 1 and 2 year, from bud.....	\$0.15	\$1.50	\$15.00
3 to 4 feet, 1 and 2 year, from bud.....	0.22	2.10	20.00
4 to 5 feet, 2 year, from bud.....	0.30	2.85	27.00
5 to 7 feet, 2 year, from bud.....	0.40	3.75	35.00
18 to 24 inch, by mail postpaid.....	0.25	2.25	

**NATIVE VARIETIES.**

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

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

**Milton.** Rather large, fruit of dark red color; skin thin; flesh firm, juicy, sweet and of good quality. Ripens earlier than Wild Goose. Its large size, good quality and extreme earliness makes it very valuable. A strong grower and very productive. One of the best.

**Surprise.** (Hortulana.) A variety introduced by Mr. Martin Penning of Sleepy Eye, Minn., and is said by many to be the finest in quality of any of the cultivated varieties in the native Miner group, also the hardiest of that type. Fruit large to very large; skin medium thick, tender, bright red; flesh pale



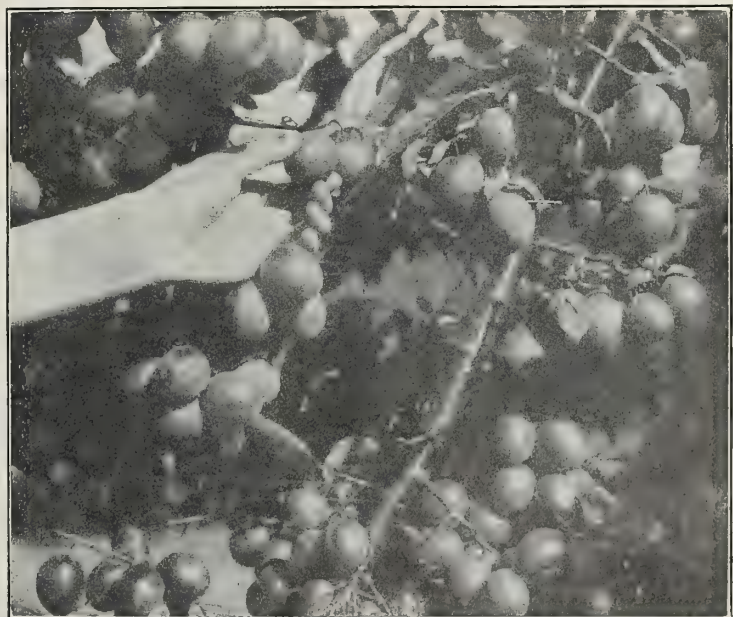
Forest Garden.

yellow, meaty and of fine flavor; quality extra good. Season medium. Tree an upright, vigorous, healthy grower and is everywhere reported very productive. A splendid variety for either home or commercial culture and should be found in every collection. The Surprise plum has given the very best satisfaction in the Western and North-western states. We can furnish this variety in 3 to 4 feet and 4 to 5 feet sizes only.

**Weaver.** One of the freestone plums that are hardy enough in the far north. Fruit large, oval, of rich purple color with blue bloom; flesh firm, clear golden, of rich quality. Tree very hardy and prolific, a good and regular bearer. A good market sort and unsurpassed for home use. Ripens medium late. A fine plum. Season: August.

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

**Wolf.** No western native plum has been more generally commended than this. It is very productive, regular in bearing from Kansas to Minnesota, being perfectly hardy and has given good satisfaction wherever planted. Fruit round, oval, large for native plum; color crimson over orange, prettily dotted with bluish bloom, flesh yellow, of good flavor and quality. Stone perfectly free. Season medium. Tree beautiful and symmetrical, inclined to over bear. Very popular in all markets. Season: August.



Surprise Plum.



Satsuma. (See page 14.)



**PLUMS.**—Continued.—**JAPANESE VARIETIES.**

**Abundance.** (Botan.) Fruit medium to large size, rich bright cherry-red, with distinct bloom, highly perfumed. Flesh light yellow, very juicy, tender and sweet, quality excellent. The tree is hardy, a very rapid grower, healthy in limb and foliage, comes into bearing remarkably young and yields abundantly. A profitable market sort and the most popular of all Japanese plums. Ripens last of July.



Abundance.

**Burbank.** A very valuable plum, of deeper color and ripening later in the season than the Abundance. Fruit is large and nearly globular; clear cherry red with thin lilac bloom. Flesh deep yellow, very sweet. Usually begins to bear second year after transplanting. Ripens in August.

**Climax.** This is one of Luther Burbank's plums. The largest of the Japanese type and one of the best. The tree is a strong grower, comes into bearing very young and is extremely productive. The fruit is of enormous size, heart shaped, and of dark red color. One of the earliest. This is a promising new variety. Ripens early.

**Red June.** One of the best of the Japanese Plums. Fruit large, deep red, very showy, flesh lemon yellow, slightly sub-acid, of fine quality. A good bearer and one of the most popular early market sorts. A fine canning variety. Tree healthy, hardy and a sure cropper. Succeeds everywhere; hardy far north, while in the south it is a dependable and profitable plum. Ripens in August.

**Satsuma.** A fine large plum, with solid flesh of purplish crimson color from pit to skin; juicy and of fine quality. Pit exceedingly small, very little larger than a cherry stone. Tree productive and a vigorous grower, but not very hardy. A popular variety in the far West, where it is grown commercially to the height of perfection. Ripens in September.

**Wickson.** The tree grows in vase form, sturdy and upright, is fairly hardy and productive almost to a fault. From the time the fruit is half grown until nearly ripe it is of a pearly white color, but all at once soft pink shadings creep over it and in a few days it has changed to a glowing crimson with a heavy white bloom; the stone is small and the flesh is of fine texture, firm, sugary and delicious. Will keep two weeks or more after ripening. One of the largest plums grown. A good shipper and keeper. Ripens in August.

**EUROPEAN VARIETIES.**

**Bradshaw.** Fruit very large, dark violet red, flesh yellowish-green, juicy and pleasant tasting, quality very good. Tree a vigorous and erect grower. Very productive and a valuable market sort. Ripens in August.

**Green Gage.** Fruit of medium size, round; color greenish-yellow with white bloom. Flesh white, juicy, very sweet and of extra good quality. Tree is small, very hardy and a good bearer. One of the most popular culinary plums. Ripens in August.

**Gueil.** A fine large plum of roundish-oval form and rich dark purple color. Flesh firm, a little coarse, sub-acid and good quality. Valuable sort for culinary purposes and market. Ripens in September.

**Lombard.** Fruit medium, large oval, violet red with blue bloom. Flesh yellow, firm, very sweet, juicy and of good quality; stone cling. Tree hardy, grows vigorously, and adapts itself readily to all soils and bears well. A leading market variety and peculiarly well adapted to light soils. Bears well in Nebraska. Ripens end of August.

**Reine Claude.** Fruit large, roundish oval. Skin greenish, marked with red in the sun. Flesh yellow, juicy, rich and excellent. Very productive and excellent for canning. Ripens in September.

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



Burbank.

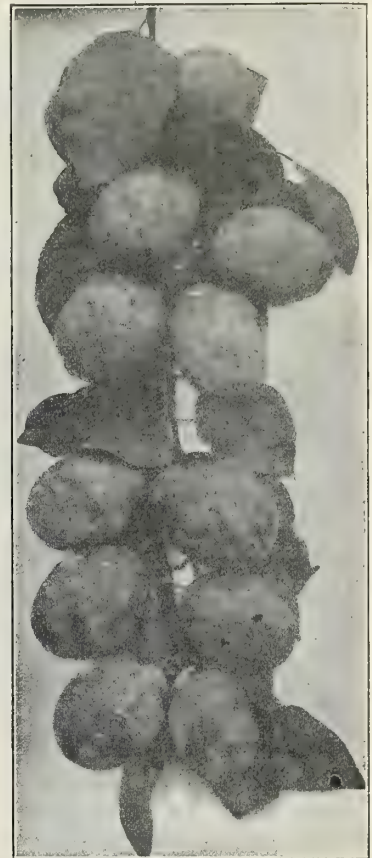


**PLUMS. EUROPEAN VARIETIES.—Continued.**

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

**German Prune.** Fruit long, oval, of medium size. Color dark purplish-blue with blue bloom. Flesh greenish, slightly yellow, firm and sweet, of good quality. Stone small and very free. It is a good dessert plum, but most esteemed for drying and preserving. Always sells at highest prices. Tree is a tall, vigorous grower, and exceptionally heavy bearer. Ripens in September.

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



Italian Prune.

**QUINCES.**

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

Quince trees are usually scarce. While we have a good stock to offer this year, nevertheless we would urge early ordering.

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

**Meech Prolific.** A quince of medium size and great beauty, color a rich orange, delightfully fragrant, fine for cooking. Tree is a young bearer and unailing cropper.

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

**Price of Quinces. All Varieties.**

	Per 1	Per 10	Per 100
2 to 3 feet trees.....	\$0.25	\$2.25	\$20.00
3 to 4 feet trees.....	0.30	2.75	25.00
Small trees, by mail postpaid.....	0.30	2.50	

**NECTARINES.**

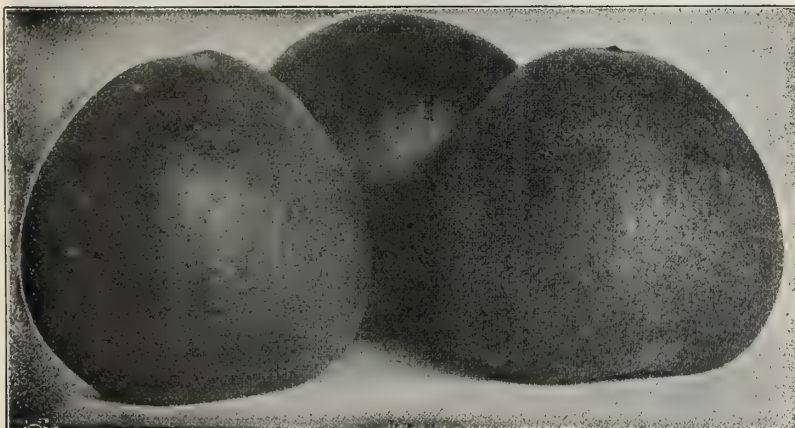
The nectarine is almost identical with the peach and most botanists consider them the same species, the principal difference between the two being in the skin, the nectarine having a smooth and the peach a downy surface. The fruit, however, is rather smaller and scarcely so rich in flavor as the best peaches; but they have a sprightly and delicious quality, and their exquisite, wax-like appearance makes them highly popular as a dessert fruit. The Nectarine requires the same culture and management as the peach.

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

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

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

Notice our Special 25th Anniversary Collections on page 64.



Nectarines.



Quince.



## CHERRIES.

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

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

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

Note our very low prices on Cherries this year.

Price of all varieties except Compass and Sand Cherry.

	Per 1	Per 10	Per 100	Per 1000
2 to 3 feet, 1 year old from bud.....	\$0.12	\$1.20	\$12.00	\$100.00
3 to 4 feet, 1 and 2 year, from bud....	0.20	1.80	17.00	160.00
4 to 5 feet, 2 year old, from bud.....	0.30	2.75	25.00	230.00
5 to 6 feet, 2 year old, from bud.....	0.35	3.25	30.00	275.00
18 to 24 inch trees, by mail postpaid	0.20	1.60	15.00	

### LEADING SOUR VARIETIES.

**Baldwin.** Fruit very large, round, dark red. While it is of sub-acid flavor, it is the sweetest and richest of the Morello type. Ripens just after Early Richmond, in June. Not a very good bearer here.

**Dyehouse.** Fruit of medium size, color red; of sprightly acid flavor. Fine for preserving and cooking purposes. Of good quality and very productive. Is largely planted for early market. Tree is hardy and upright grower and always productive. Compared with Early Richmond, it is larger, of better quality and a week earlier. Ripens early in June.

Lambert  
Cherry  
Page 17.

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

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

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

**Montmorency.** (Large Fruited.) See colored illustration on front cover. This is considered one of the best varieties, and one of the finest flavored cherries of this class. Fruit large, beautiful dark red, sub-acid and of very good quality. Finer and larger than Early Richmond, and fully ten days later. Valuable for canning and preserving. A fine shaped tree, hardy and productive. Being extraordinarily productive and very hardy and robust it can be recommended as a variety of great value.

**Ostheimer.** A perfectly hardy, very late blooming variety from Germany. Fruit very large, heart shaped, nearly black when ripe; flesh juicy and rich. Fine for dessert and cooking, also finds ready sale on all markets at highest price. Hardy both in tree and fruit buds and produces good crops every year.

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

Reno, Nev., May 3, 1910.

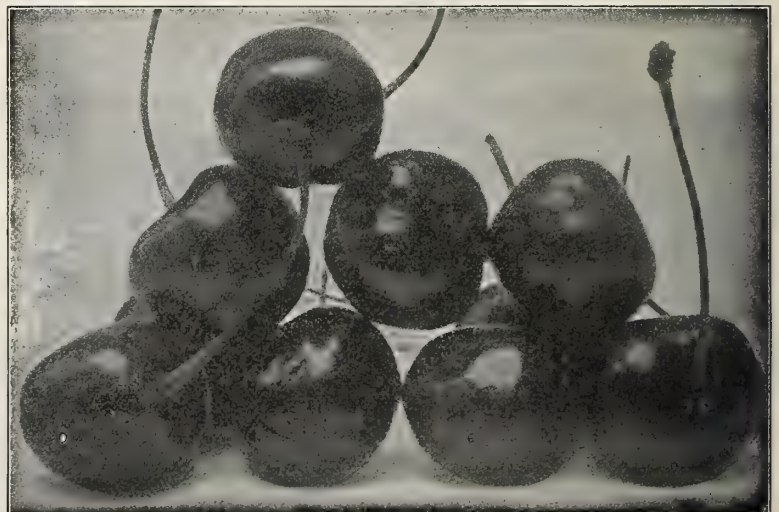
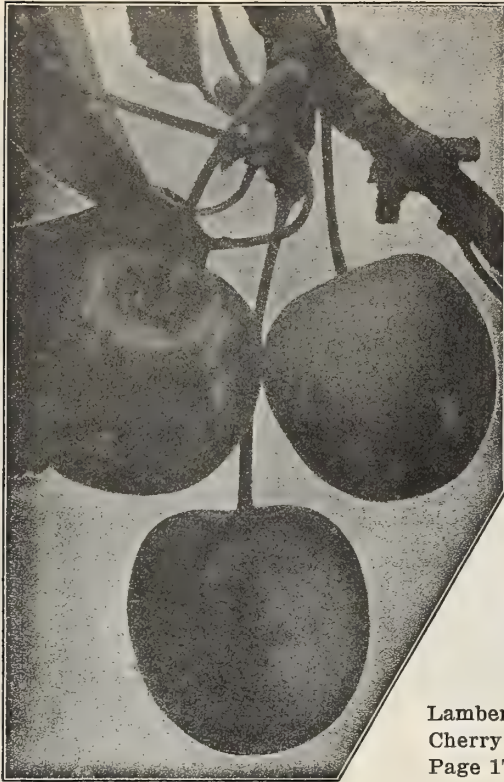
Received order by express yesterday and stock seems to be in good condition. In checking up, I find you sent me some extra trees, for which accept my thanks.

G. A. V. HUGHES.

Goodnight, Tex., 3-13-10.

Your shipment of trees came in good condition on the 8th and I put them out on the 9th. Am well pleased with them.

T. J. KESTERSON,



Montmorency.



**CHERRIES.**—Continued.

**HEART OR SWEET VARIETIES.**

For Price see preceding page.

**Bing.** This deservedly popular cherry originated by Seth Lewelling, of Milwaukee, Oregon, is one of the grandest black cherries in existence today. Its large size, firmness and delicious flavor have caused it to be in active demand by shippers and canners alike. Fruit large, dark brown or black, very fine sweet flavor. Tree is hardy, a remarkable thrifty, upright grower with heavy foliage, and a great bearer. Seems to succeed in the central and eastern states better than other sweet cherries. This excellent variety should be followed by Lambert, which ripens later. Both are giant cherries and, with Napoleon Bigarreau, deserve to be planted largely in commercial cherry orchards. Ripens end of June.

**Black Eagle.** Fruit large, of red-black color, with rich and juicy flesh of excellent flavor. Tree is a good grower and quite productive, very hardy. A popular and well known variety of its class. Ripens in July.

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

**Governor Wood.** Large, yellow with red, sweet and juicy, very tender and delicious. Hangs well on the tree. Tree is a good healthy grower and constant bearer. Probably the best and hardiest of the sweet cherries for the West. Ripens end of June.

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

**Napoleon Bigarreau.** (Royal Ann.) A magnificent cherry of the largest size, pale yellow, becoming amber in the shade, richly dotted and spotted with deep red, and with a bright red cheek; flesh very firm, juicy and sweet; tree a rapid grower and immense bearer. The most popular all around cherry for canning, preserving and shipping. The hardiest and best of the yellow sweet sorts. There is an immense market for the fresh fruit at top prices. Ripens end of June. (See colored illustration on front cover.)

**Yellow Spanish.** (Bigarreau.) Fruit very large, heart shaped, pale yellow with bright red cheek when exposed to the sun. Flesh firm, juicy and delicious. Very popular and good market cherry. Tree vigorous and productive. Ripens late in June. For prices on above cherries see page 16.



Compass Cherry.

**COMPASS CHERRY-PLUM.**

Absolutely hardy everywhere. This cherry was originated at Springfield, Minn. It is a cross between the Sand Cherry and the Miner Plum. Fruit nearly an inch in diameter, a bright red, sweet and juicy, and of very fine flavor. When young and green the fruits have more the appearance of undeveloped plums, but as they mature they become more round like a cherry. The pit is somewhat elongated. In color the fruit is bright red, when fully ripe a rich dark wine shade. For canning and culinary purposes this fruit is unsurpassed. The original tree bore fruit the third year from the seed and has borne a full crop every year since. The tree is a regular and heavy bearer, and produces fruit the next year after setting out. Its early bearing is truly wonderful. For exposed situations and for the North and West, it is the Cherry.

**Price of Compass Cherry.**

	Per 1	Per 10	Per 100
2 to 3 feet, budded.....	\$0.25	\$2.25	\$20.00
3 to 4 feet, budded.....	0.30	2.75	25.00
4 to 5 feet, budded.....	0.35	3.25	30.00
2 feet, budded, by mail postpaid.....	0.30	2.75	

**ROCKY MOUNTAIN CHERRY.**

**IMPROVED SAND CHERRY.**

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

Price of Rocky Mountain Cherry, 1½ to 3 feet high, 20c each; \$1.60 per 10; \$14.00 per 100. Small size by mail postpaid, each 25c; \$2.25 per 10.

—:o:—

Farmville, Va., April 5, 1910.

The trees came to hand in good shape. I wish to say that your trees are alright, and that I will most likely need a somewhat larger supply another season. F. K. Parkhurst.

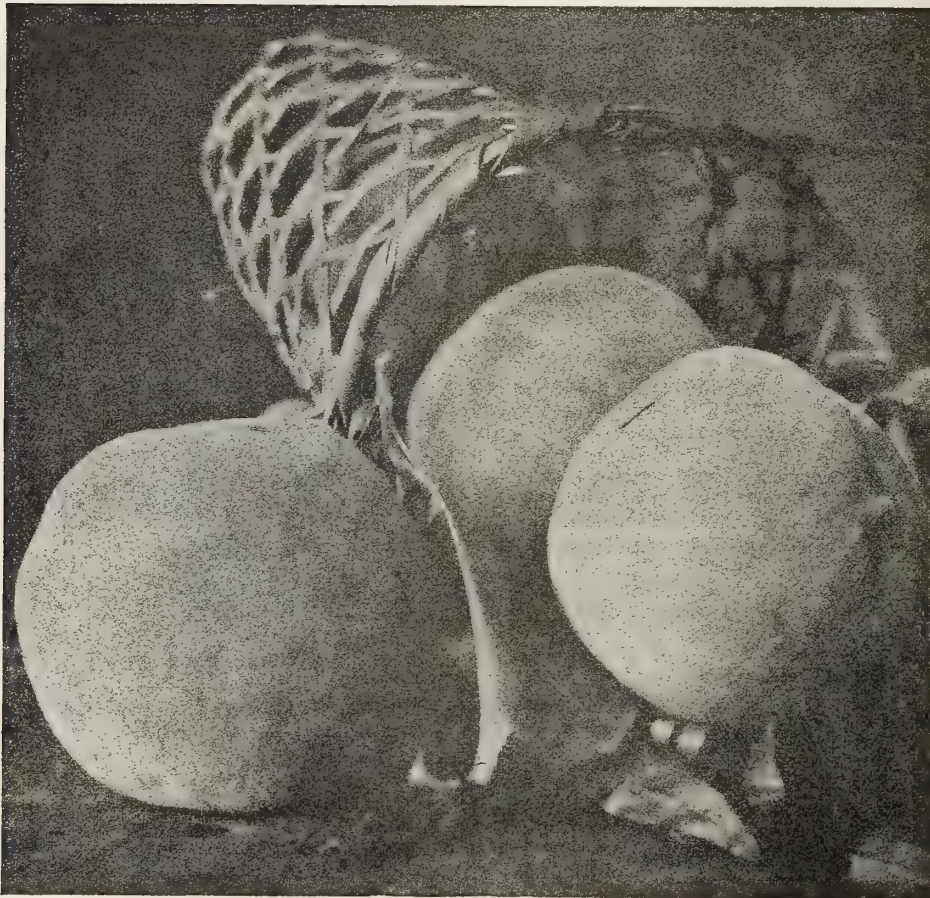


Rocky Mountain Cherry.



**BUDED PEACHES.**

Peach Trees are not in as plentiful supply with all nurseries this year as they were the past few years, on account of the unfavorable weather at the time of propagation. We therefore advise all our customers who wish to plant large orchards of the commercial varieties of peaches, to place their orders early. While we were obliged to advance the price a trifle, you will find our prices very much lower than the tree agents will make, and the quality of our peach trees is first class in every respect, the trees being especially well rooted this year.



Champion.

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

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

We give the time of ripening here in Nebraska; south of here they would ripen earlier.

The following table gives the prices of all varieties of peaches:

**Price of all varieties of Peaches.**

	Per 1	Per 10	Per 100	Per 1000
2 to 3 feet, 1 year from bud.....	\$0.07	\$0.70	\$7.00	\$70.00
3 to 4 feet, 1 year from bud.....	0.13	1.25	12.00	115.00
4 to 5 feet, 1 year from bud.....	0.17	1.60	15.50	150.00
5 to 7 feet, 1 year from bud.....	0.20	1.90	18.00	175.00
18 to 24 inch, budded, by mail postpaid.....	0.10	0.90	8.00	

The following varieties we can also furnish in small trees, 18 to 24 inches high. All are budded, well rooted little trees with well ripened wood, mostly June buds:

**Elberta, Crawford's Early, Salway, Yellow St John.**

	Per 1	Per 10	Per 100	Per 1000
Price, 18 to 24 inch, budded.....	\$0.06	\$0.60	\$5.50	\$50.00

**Mayflower.** The earliest peach in the market. See colored illustration on front cover, description and price on page 68.

**Alexander Early.** Large, well grown specimens, measuring 8 inches in circumference; handsome and regular in form, with deep maroon shade, covered with the richest tint of crimson; rich and good in quality, with a vinous flavor; adheres to the stone; should remain on the tree until fully ripe. Ripens about July 4th.

**Blood Cling.** A variety of the old Indian Peach. Fruit very large, form nearly round, skin dark purplish red; flesh red; juicy and good. Clingstone. September.

**Bokara No. 3.** Raised from seed received from Bokara, Asia. The hardiest peach known. Has been in bearing for several years in central Iowa, and produced fruit after 28 degrees below zero. Fruit measures over 7 inches in circumference. Yellow with red cheek; skin tough, flesh of good quality; perfect freestone. Prof. udd says: "They are 30 per cent hardier than the old strain of peaches." September 1st to 10th.

**Champion.** Fruit large, beautiful in appearance; flavor delicious, sweet, rich and juicy; skin creamy white, with red cheeks; freestone. The peculiarity of this great acquisition is its hardiness. It stood a temperature of 13 degrees below zero in the winter of 1887-8, and produced an abundant crop the following season, and again in 1890 produced a full crop when the peach crop was a universal failure. August.



**BUDDED PEACHES.**—Continued.

**Carman.** Large, resembles Elberta in shape; color creamy white or pale yellow with deep blush; skin very tough, flesh tender, fine flavor and quite juicy. Ripens with Early Rivers; one of the hardiest in bud; in shipping qualities and freedom from rot unsurpassed. Promises to stand at the head for a general, long distance, profitable market variety, in quality ranking superior to anything ripening at the same time. Freestone. August to September.

**Conkling.** This is one of the best peach trees introduced in late years. The fruit is very large, beautiful golden yellow, marbled with crimson. Very good quality and of fine flavor. The tree is very hardy, and the fruit buds stand severe cold weather well. Freestone. Ripens in September.

**Crosby.** Medium size, roundish, with distinct seam on blossom end; skin light greenish yellow and very downy; flesh bright yellow and rather firm, tree of rather dwarfish habit. Has won especial favor on account of great hardiness. A recent introduction that has attracted very wide attention on account of its disposition to produce good crops in "off years" when other crops usually fail. Freestone. Ripens in September.

**Crawford's Early.** This beautiful yellow peach is highly esteemed for market purposes. Fruit very large, oblong; skin yellow, with fine red cheek; flesh yellow, juicy, sweet and excellent, productive; freestone. August.

**Crawford's Late.** Fruit of the largest size; skin yellow or greenish yellow, with dull red cheek; flesh yellow; productive; one of the best; freestone. September.

**Early Rivers.** Large, light straw color, with delicate pink cheek; flesh juicy and melting, with very rich flavor. Freestone. Ripens early August.

**Elberta.** A leading market variety that thrives and produces well in all peach growing sections. The fruit is large, handsome, bright yellow overspread with crimson; juicy, good, and so firm as to ship well. Can be gathered while still hard and will ripen up without rotting. Tree is a uniform and regular bearer and strong grower. The great canning peach. Freestone. August and September.

**Fitzgerald.** An early improved Crawford, which it resembles in size, color and quality; bears young, is hardy and productive; fruit large, brilliant color, suffused with red; flesh deep yellow, fine flavor and quality. An excellent variety. Freestone. Season: August.

**Greensboro.** Ripens with Alexander but much larger, round; flesh white, very juicy, of good quality, bright red over yellow, highly colored in the sun. A promising variety. Clingstone. Ripens in July.

**Heath Cling.** Large, oblong, creamy white, slightly tinged with red in the sun; very tender, juicy, melting; very rich and luscious. Valuable canning peach. September to October.

**Lemon Free.** Almost lemon shape, pointed at the apex, color a pale yellow when ripe; it is of large size, the finest specimens measuring over 12 inches in circumference; of excellent quality; ripens after Late Crawford. Freestone. Season: October.



Elberta.



Crosby.

**Mountain Rose.** One of the very best and hardiest. White with red cheek, juicy and sweet. Freestone. August.

**Salway.** Fruit large, roundish, deep yellow, with deep marbled brownish-red cheek; flesh yellow, firm, juicy, rich and sugary. A new English variety. A late showy market sort. Freestone. Last of September.

**Triumph.** Earliest yellow flesh peach, with good eating and shipping qualities. Ripens with Alexander. Blooms late, sure and abundant bearer; strong, vigorous grower. Fruit good size, yellow, with red and crimson cheek. Clingstone. Ripens middle of July.

**Yellow St. John.** Nearly as large as Crawford, fully equal in color. Fruit round brilliant, showy; one of the earliest yellow peaches. Bears young and produces abundantly. Good market variety, and a fine dessert peach. Freestone. Ripens in August.

**Wonderful.** Large, almost globular, slightly pointed apex; uniform size and shape; rich golden yellow, overspread with carmine; flesh firm, yellow, delicious and highly flavored; a good keeper; one of the best for shipping. A splendid freestone peach. Ripens in September.

**PEACH SEEDLINGS.**

2 feet and over, 1 year, each 5c; 10 for 35c; 100 for \$2.50; 1000 for \$22.00.

Newcastle, Cali., April 22, 1910.

Enclosed find National Bank draft of \$400.00 for the amount of your bill for trees you shipped me recently. Trees arrived all O. K. and everything is satisfactory. Thanking you, I am,  
G. D. THRELKEL.



**APRICOTS.**

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



Royal Apricot.

**Catherine.** Fruit medium in size; color yellow; flesh mild, sub-acid, good quality. Ripens July 25th.

**Globe.** Medium size, yellow, sub-acid, rich, juicy. The best early sort, ripening with the strawberries. July 20.

**RUSSIAN VARIETIES.**

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

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

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

**AMERICAN VARIETIES.**

**Early Golden.** Fruit small, pale orange-yellow, juicy and sweet. Tree hardy and productive. The best of the small fruited sorts. Ripens about July 1st.

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

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

**Price of all varieties of Apricots.**

	Per 1	Per 10	Per 100	Per 1000
2 to 3 feet, budded.....	\$0.20	\$1.75	\$16.00	\$150.00
3 to 4 feet, budded.....	0.25	2.25	20.00	180.00
4 to 5 feet, budded.....	0.30	2.75	25.00	
5 to 6 feet, budded.....	0.35	3.25	30.00	
2 to 3 feet, budded, light, by mail postpaid.....	0.25	2.25	20.00	

**MESPIL OR MEDLAR.**

(*Mespilus Germanica.*)

A small tree or bush, bearing large white blossoms in May, which are quite ornamental. The fruit remains hard until mellowed by frosts. It then becomes brown and soft. It is agreeable for eating from the hand and also makes good preserves. It bears well and is very ornamental. Price, good strong plants 50c each; 10 for \$4.50.

**PERSIMMON.**

(*Diospyrus Virginica.*)

A native of the Southern States, but will thrive and ripen its fruit as far north as the Great Lakes. The tree reaches a height of 20 to 30 feet. The fruit is not large, 1/2 to 1 inch in diameter, and must be fully ripe to become edible. A valuable ornamental tree. Will thrive on the poorest soil.

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

**Price of Persimmons.**

	Per 1	Per 10	Per 100
4 to 5 feet, strong trees.....	\$0.30	\$2.75	\$25.00
5 to 6 feet, strong trees.....	0.40	3.75	35.00
12 to 18 inch, by mail postpaid.....	0.10	0.90	

Verona, Mo., January 31, 1910.

Enclosed find an order for seeds. The grapes and trees I got from you two years ago were fine and are doing well. Only one grape failed out of the 115, and the trees are all living. I am indeed very much pleased.

F. J. JIRIK.



Mespil.



**RUSSIAN MULBERRY.**

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



Russian Mulberry.

**Price of Russian Mulberry.**

	Per 1	Per 10	Per 100	Per 1000
4 to 6 inch, 1 year seedlings.....	\$	\$	\$0.25	\$1.75
6 to 12 inch, 1 year seedlings.....			0.35	3.00
12 to 18 inch, 1 year seedlings.....			0.50	4.50
18 to 24 inch, 1 year seedlings.....			0.75	6.50
2 to 2½ feet, 2 year seedlings.....		0.20	1.50	12.00
3 to 4 feet, transplanted, nice trees.....	0.08	0.70	6.00	
4 to 5 feet, transplanted, nice trees.....	0.15	1.30	12.00	
5 to 6 feet, transplanted, nice trees.....	0.20	1.75	16.00	
6 to 8 feet, transplanted, nice trees.....	0.35	3.00	28.00	
4 to 6 inch, 1 year, by mail postpaid.....			0.30	2.00
6 to 12 inch, 1 year, by mail postpaid.....			0.45	4.00

**AMERICAN MULBERRY.**

The native varieties are not quite as hardy as the Russian kinds, but the fruit is larger, very juicy, and of better quality.

**Downing's Everbearing.** One of the most prolific varieties. Fruit very large, black, rich and sweet in flavor. Its long bearing season has made it a universal favorite. Ripens fruit during 6 to 8 weeks.

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

**New American.** Tree very vigorous and productive, surpassed by none. Continues in bearing a long time. Fruit 1¼ inch long and nearly half an inch in diameter; color maroon or an intense blue-black at maturity; flesh juicy, rich and sugary. Ripens from the middle of June up to the middle of September.

**Price of American Mulberries.**

	Per 1	Per 10	Per 100
3 to 4 feet.....	\$0.25	\$2.25	\$20.00
4 to 5 feet.....	0.30	2.75	25.00
Small plants, by mail.....	0.25	2.00	

**JUNE BERRY.—(Service Tree.)**

**Improved Dwarf.** A good substitute for the large or Swamp Huckleberry or Whortleberry, which it resembles in appearance and quality. Fruit born in clusters, reddish purple in color, changing to bluish-black. Flavor a mild, rich sub-acid, excellent as a dessert fruit or canned. Is extremely hardy, enduring the cold of the far north and the heat of summer without injury. In habit it is similar to the currant, the bushes attaining the same size. The bushes have very pretty foliage and blossoms, and are desirable for ornamental purposes, as they are so hardy and stand drought extremely well. We offer transplanted plants only, as division plants are rather difficult to get started.

Price, strong, transplanted plants, 20c each; 10 for \$1.50; 100 for \$14.00. By mail postpaid 25c each.

**BUFFALO BERRY.**

The fruit of the Buffalo Berry resembles small currants, is round, smooth and glossy, of a beautiful red color. The berries ripen in July and literally cover the twigs and branches, and will hang on the bush until nearly spring. They make excellent preserves, jellies and butter, and are also much used for pies and tarts, and for making wine. The tree is hardy anywhere, and a constant and prolific bearer, and is well worth cultivating for ornamental purposes alone. Plant the Buffalo Berry for a winter berry, as they are a most delicious fruit from December to January.

Price, 1 Year Old, strong plants 25c each; 10 for \$2.00. Smaller plants, by mail postpaid, 25c ea.

**ELDER BERRY.**

These berries are highly esteemed for cooking and in the making of cordials. In many parts of Europe they are grown for the purpose of making wine, and are said to be of great value for medicinal purposes in case of stomach disorder. The bush is quite ornamental, and deserving of a place in every yard.

Price, 2 ft. high, ea. 15c; 10 for \$1.50. Smaller plants, postp'd by mail, ea. 15c; 10 for \$1.50.



June Berry



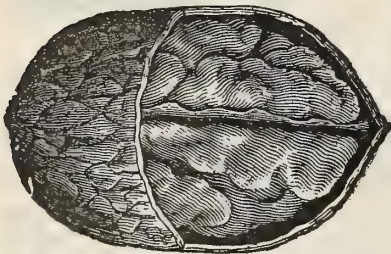
Buffalo Berry.



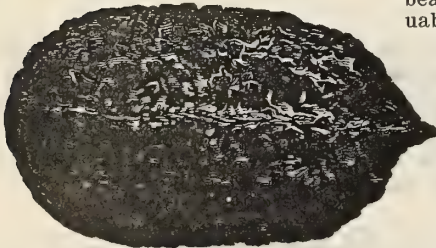
**NUT TREES.**



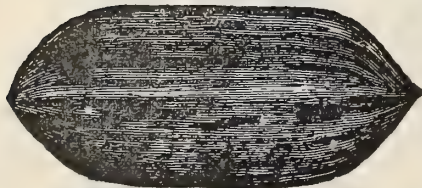
Japanese Walnut.



English Walnut.



Butternut.



Pecan Nut.



Am. Chestnut.



Hazel Nut.

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

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

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

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

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

**Japan Walnut.** (Sieboldi.) If it produced no nuts it would be well worth cultivating for an ornamental tree. Grows with great vigor, surpassing all other nut trees, assuming a handsome form, needs no pruning; leaves of large size and a charming shade of green. Nuts are borne in clusters of 12 or 15 each at tips of previous season's branches, they have a smooth shell; thicker than the English, but not so thick as the Black Walnuts. Meat is sweet, of good quality, flavor like butternut, but less oily. Tree commences bearing young; trees 3 to 4 years from nut in nursery rows frequently producing nuts. Perfectly hardy and worthy of extensive planting. One of the finest ornamental trees.

**Price,** 2 to 3 feet, 20c each; 10 for \$1.65; 100 for \$14.00. By mail postpaid 25c ea.

**Butternut or White Walnut.** The nuts are large, long, oily and nutritious. The lofty spreading tree is one of our finest natives, valued for its tropical appearance and beautiful wood, as well as for its nuts. Does well in Nebraska and as far north as Dakota.

**Price,** 12 to 18 inch, each 7c; 10 for 50c; 100 for \$4.00. By mail postpaid 8 cents each.

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

	Per 10	Per 100	Per 1000
8 to 12 inch, 1 year seedlings.....	\$0.15	\$1.20	\$10.00
12 to 18 inch, 1 year seedlings.....	0.20	1.80	15.00
Small seedlings by mail postpaid.....	0.15	1.20	

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

**Price,** 3 to 4 feet trees, each 25c; 10 for \$2.25; 4 to 5 feet trees, each 35c; 10 for \$3.25.

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

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

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

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

Portales, N. M., April 4, 1910.

The trees and plants ordered of you some time ago have arrived. Though 22 days on the road they came in fine condition, and a nicer lot of nursery stock I never saw from any nursery. I will remember you in the future, and will also speak a good word to my neighbors. **ROBERT HICKS.**



**GRAPE VINES.**

One of the best and healthiest fruits we have. Grows in most any kind of soil that is not wet, any side hill will do for a vineyard. Those who have only a lot or two or a small garden, can plant them alongside a building or a fence. They will take up very little room, and if properly taken care of will bear an abundance of fruit almost every year. They make a splendid screen for unsightly buildings, or can be trained over walls and fences, repaying many times over with healthful and refreshing fruit their small cost and care.

If the vines are put down on the ground in the fall and covered with a few shovelful of earth they will stand a severe climate, and some varieties can be successfully raised as far north as South Dakota. Any good, dry soil of sufficient fertility to produce good farm crops is suitable for vineyard planting, if climate and exposure are favorable. A location giving a free circulation of air is very desirable, as in such locations there is less liability to mildew. Care should be taken to prune thoroughly each year, no more bearing canes should be left than the roots can sustain in a vigorous growth of new shoots. In a commercial way no fruit crop shows greater returns on the investment. On all markets grapes are very popular and command good prices. They should be planted more generally everywhere. In the open ground plant in rows 8 feet apart and 6 feet in the rows. We give below the best and hardiest varieties for the West.

**At prices quoted per 1, we will send by mail postpaid.**

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

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

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

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

**Agawam.** Red. Bunch usually loose, shouldered; berries large, of rich red color; skin thick;

flesh pulpy, meaty, juicy, of a rich, peculiar aromatic flavor; ripens about with Concord; a good keeper. Vine a strong, rank grower, hardy and productive; should be pruned, leaving long canes. One of the best of the Red hybrids.

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

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

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

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

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

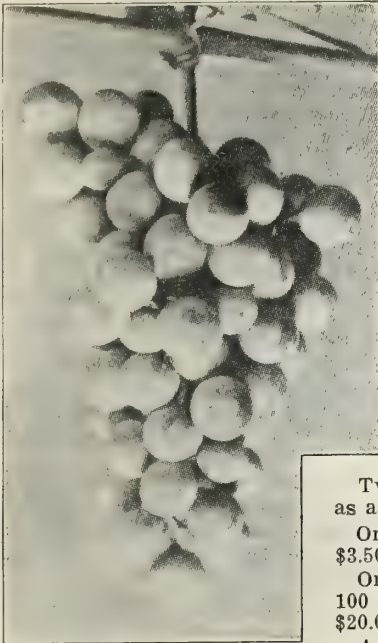
Two Year Old No. 1 Plants, each 25c; 10 for \$1.75; 100 for \$15.00.

One Year Old No. 1 Plants, each 20c; 10 for \$1.50; 100 for \$12.00.

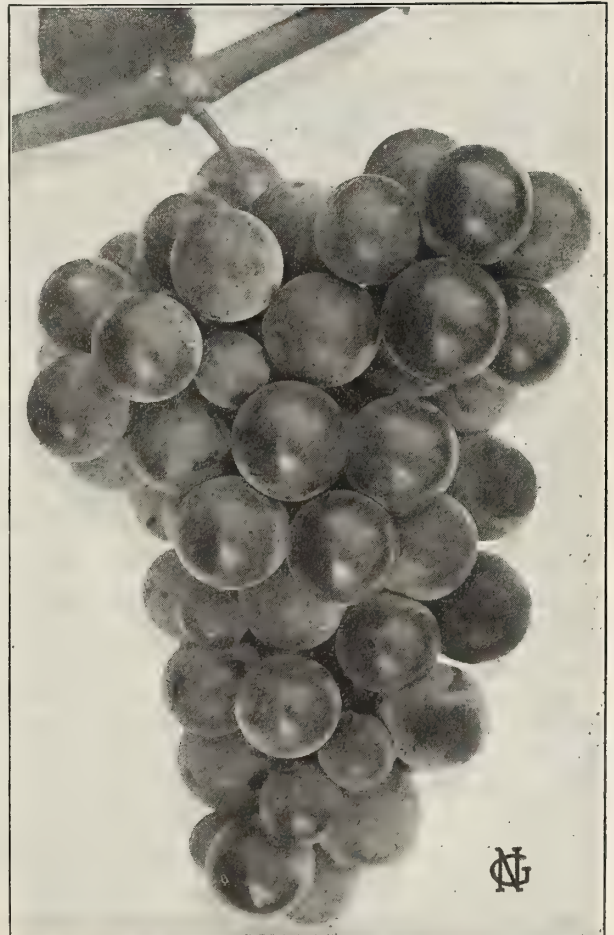
**Catawba.** Red. Well known as the great wine grape of Ohio and Kentucky. Bunches large and loose, berries large, of coppery red color, becoming purplish when well ripened. Flesh somewhat pulpy, with rich vinous flavor, of best quality for both table use and wine. The vine is a good grower, hardy, with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

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

One year No. 1 Plants, each 8c; 10 for 65c; 100 for \$5.



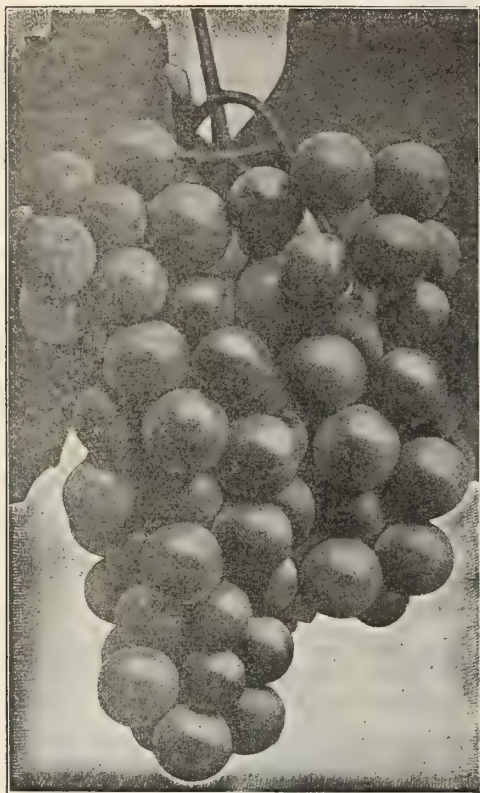
Agawam.



Moore's Early. (See p. 24.)



## GRAPES.—Continued.



Campbell's Early.

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

2 Year Old No. 1 Plants, each 10c; 10 for 90c; 100 for \$8.50.

**Clinton.** Black. Bunch small, very compact, long, usually not shouldered. Berries small with thin skin; flesh juicy, spicy, quite acid, of good quality. A first class wine grape. Vine of vigorous growth, healthy, and always productive. Requires plenty of room, and spur-pruning on all canes for best results. Is very hardy and will thrive and bear well in South Dakota. Very desirable as an arbor grape.

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

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

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

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

2 Year Old No. 1 Plants, each 10c; 10 for 90c; 100 for \$8.00.

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

2 Year Old No. 1 Plants, each 10c; 10 for 65c; 100 for \$5.00; 1000 for \$45.00.

1 Year Old No. 1 Plants, each 8c; 10 for 55c; 100 for \$4.50.

**Empire State.** White. Bunch long and large, berry medium, light green or white tinged with yellow and covered with a white bloom; flesh tender, sweet and sprightly; good keeper. Vine a strong grower, hardy, with large, healthy foliage and short pointed canes which ripen early.

2 Year Old No. 1 Plants, each 15c; 10 for \$1.25; 100 for \$10.00.

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

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

**Hartford.** Black. Bunch large, shouldered; berries large, inclined to drop from bunch if allowed to hang until fully ripe; flesh sweet, pulpy, somewhat foxy; vine hardy, vigorous, healthy, productive. Not of the best quality, but valuable on account of its hardiness. Ripens four to six days before Concord.

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

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

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

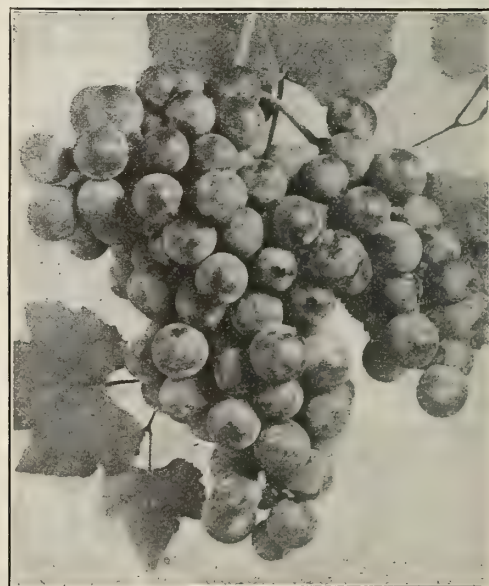
**Jefferson.** Bright Red. Bunch large, double shouldered; berry medium to large; skin thick; flesh tender, crisp, juicy, sweet, slightly aromatic, vinous. It is of very best quality, a fine keeper and good market grape. Ripens with Catawba or a little later.

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

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

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

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



Delaware.



**GRAPES.**—Continued.

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

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

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

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

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

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

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

**Salem.** Red. Bunch large, compact, shouldered; berries large, round, coppery-red; skin thick and firm; flesh very sweet, tender, with a rich aromatic flavor. Vine vigorous, hardy, healthy; ripens earlier than Concord when not permitted to overbear. Is a splendid keeper, good shipper and of best quality for both table and wine. One of the finest red grapes and very popular; is deserving of more general planting.

2 Year Old No. 1 Plants, each 10c; 10 for 85c; 100 for \$8.00.

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

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

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

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



Niagara.



Green Mountain. (See p. 24.)

**Woodruff Red.** A red grape that originated in Michigan. Bunch medium to large, short, compact; berry large, skin thick, of a beautiful bright red color, very handsome and attractive, making it a profitable market variety. Vine very vigorous, hardy, healthy and unusually productive. The fruit is of good quality, though somewhat foxy. Ripens about with Concord.

2 Year Old No. 1 Plants, each 15c; 10 for \$1.00; 100 for \$9.00.

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

2 Year Old No. 1 Plants, each 10c; 10 for 85c; 100 for \$8.00.

At prices quoted per 1 we will send by mail postpaid.

—:o:—

Coleman, Texas, March 31st, 1910.

I beg to acknowledge receipt of my order of trees, plants and seeds which was received while I was away from home. You can imagine my surprise to return and find every tree, plant and shrub, without a single exception, planted and living, and in as pretty a shape as I ever saw in my life. Allow me to thank you for the pains you have taken in sending me such a nice healthy bunch of trees. It is easy for me to see how you hold a customer when once he orders from you, because you see that he gets just what he orders both in quality and quantity, regardless of cost to yourself.

F. P. COOPER.

Dover, Colo., May 3rd, 1910.

I got by mail yesterday the excellent apple trees you sent me. They are the best I ever had, and more than I expected. Many thanks.

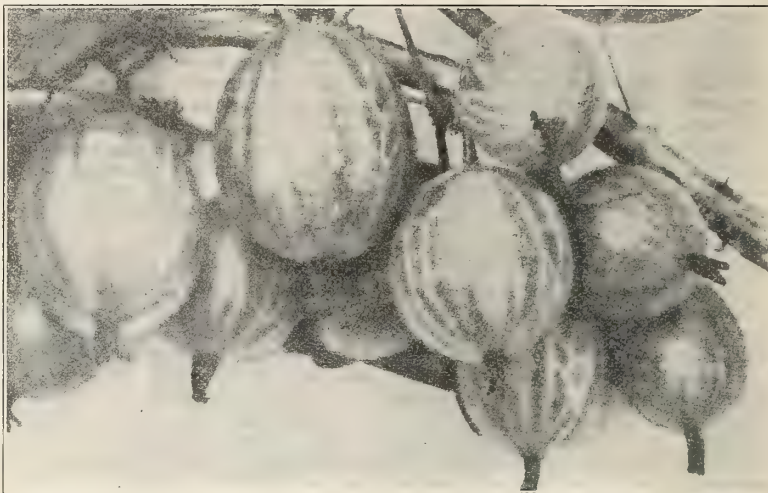
ELBRIDGE GREEN.



## GOOSEBERRIES.

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

**Carman.** Notice was first called to this variety by E. S. Carman, editor of the Rural New-Yorker, who regarded it as the best of all. It is a good grower, making fine large plants and producing in profusion extra large berries of the finest quality which are of a golden yellow when fully ripe. The berries are oval in shape. The following is taken from Mr. Carman's notices of the berry, published at different times, in the Rural New-Yorker: "Likely to revolutionize the gooseberry culture in this country; absolutely mildew proof, of great size and excellent quality. Sets the fruit so closely that two-thirds had to be removed and then every branch propped up. Will supply the long felt demand for a large berry, free of rot and mildew." July 6: Berries fully ripe, free from rot, scald and mildew."



Carman.

**Price,** strong 2 Year Old No. 1 Plants, 30c each; 10 for \$2.50; 100 for \$23.00. Postpaid 35c each.

**Chautauqua.** Combines size, beauty and quality with vigorous growth and productiveness, while the plant is hardy everywhere. It grows very erect. The foliage is large, glossy dark green and not subject to mildew. Fruit large, light yellow, free from spines and hairs; averaging 1 inch to 1½ inch in diameter. Thick skinned, sweet and of excellent flavor. A very dependable variety and just the berry for the West.

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

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

**Price,** 2 Year Old Plants, 15c each; 10 for \$1.25; 100 for \$11.00. Postpaid 20c each.

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

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

**Industry.** The most planted in this country of any English sort, and is less subject to mildew. The bush is strong, upright, and immensely productive. Berries are of largest size, dark red, and of excellent quality, rich and agreeable. When properly grown it produces large crops annually. This variety should be pruned less severe than the other sorts, to secure the best results.

**Price,** 2 Year Old Plants, 25c each; 10 for \$2.00; 100 for \$17.00. Postpaid 30c each.

**Pearl.** A very desirable American variety. Very hardy, entirely free from mildew, superior in size and quality, and more productive than Downing. We take pleasure in recommending it for small or extensive planting as one of the best berries of recent introduction. The large berries are pale green and of the finest quality, and valuable either for home use or market.

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

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

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

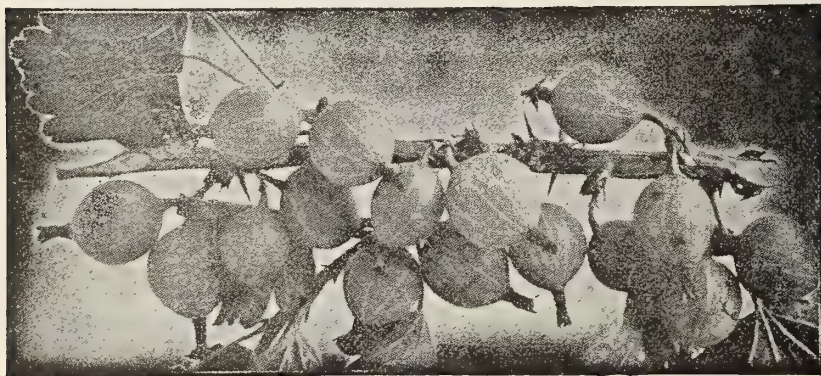
**We pay all freight charges on \$10.00 orders for trees and plants.**

— : o : —

Poway, Cali., March 25, 1910.

The trees you shipped to me on order No. 1420 arrived in good shape although they were a full month on the way. They are now planted and I am very much pleased with them. Thanking you for the trouble and care in attending so well to my wishes, I remain,

F. F. EBERT.



Downing.



**CURRANTS.**

Hardy, easily cultivated, standing neglect well, and liberally responding to cultivation and generous treatment; indispensable for table use, jellies, etc.; no garden is complete without them, and large quantities are required for market. Set four feet apart in rich ground; cultivate well or mulch heavily; prune out old wood so that each remaining shoot will have room to grow. If the currant worm appears dust with hellebore. All 2-year plants, well rooted and strong.

**Price of Currants, postpaid by mail: Perfection, 30c each; Pomona, 20c each; all other varieties, 15c each.**

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

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

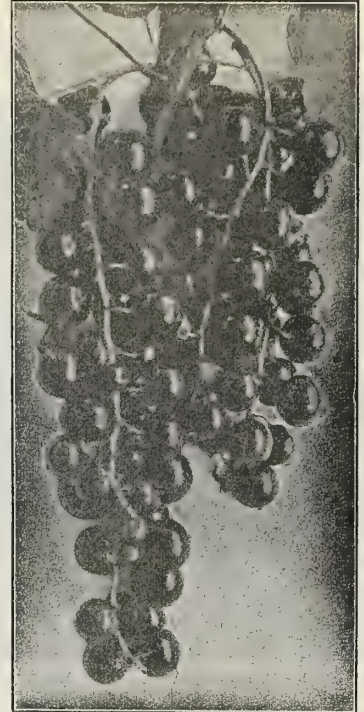
**Perfection.** This grand new fruit was originated by Chas. G. Hooker, of Rochester, by crossing the Fay's Prolific with the White Grape currant, with the view of combining the large size and color of the Fay with the good quality and productiveness of the White Grape. The color is a bright red; size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

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

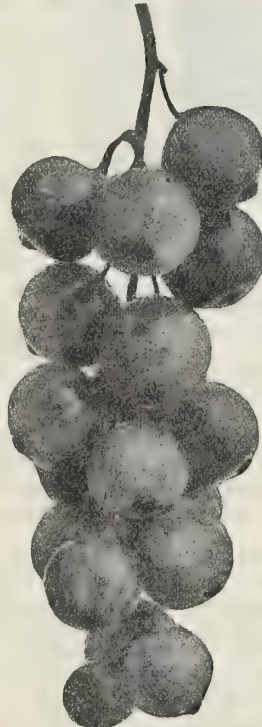
**Pomona.** (Knight's Improved.) Deserves prominence for its splendid market qualities. The fruit is of good size and flavor, bright red in color. Has long stems and hangs in fine condition long after ripening. Ships and markets well. The bushes bear early. This variety first attracted notice for its enormous productiveness and quality. Has the greatest acreage yield on record. In one year fruit from 6½ acres was sold for \$3,400 per acre.

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

**London Market.** Red. Very popular variety in the Michigan fruit sections. The fruit is of good size, dark red in color, with sprightly acid flavor. Bush is vigorous, upright, very strong grower. It begins ripening at an early age and is enormously productive. Valuable for the home garden and commercial purposes. **Price, 2 Year Old Plants, each 10c; 10 for 75c; 100 for \$6.00.**



Pomona.



Perfection.

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

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

**Price of the following varieties: 10c each; 10 for 75c; 100 for \$6.00.**

**Black Champion.** Very productive. large bunch and berry, excellent quality; strong grower. The leading well tested black currant.

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

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

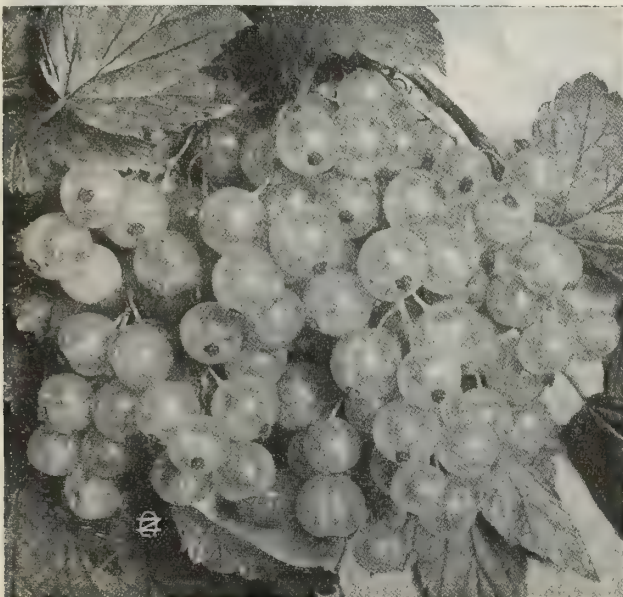
**Red Dutch.** An old, well known variety. Berries deep red, rich, acid flavor, excellent quality. Of vigorous, upright growth, very productive. A fine market sort.

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

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

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

**Price of Currants postpaid by mail: Perfection 30c each; Pomona 20c each. All other varieties 15c each.**



White Grape Currant.



## BLACKBERRIES.

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



Mersereau.

**Rathbun.** Vigorous, branching, making plenty of fruit wood. Has stood safely 20 degrees below zero and bore a full crop the next summer. Roots sucker very little and must be propagated by layering the tips of the shoots. Berries are very large, intensely black with a high polish. Are very firm, so they carry well to market and retain their form and handsome appearance.

**Price,** strong plants, each 10c; 10 for 65c; 100 for \$4.00; 1000 for \$35.00. By mail, each 12c; 10 for 80c.

**Snyder.** This is one of the best blackberries for market in the North, and very hardy. The canes are vigorous and annually productive. The berries are medium in size, very sweet, juicy and of fine flavor. It also lacks the hard core found in many of the other varieties.

**Price,** strong plants, each 5c; 10 for 30c; 100 for \$2.50; 1000 for \$16.00. By mail, each 8c; 10 for 50c.

**Stone's Hardy.** For the northern sections of Minnesota and similar latitudes this variety is particularly adapted. The canes are upright, very vigorous and exceptionally hardy. The berries are of medium size, juicy, sweet and of fine flavor and good quality. This variety should receive good cultivation or heavy mulch and be thoroughly pruned, as it sets more fruit than it can mature properly under ordinary cultivation.

**Price,** strong plants, each 5c; 10 for 30c; 100 for \$2.50; 1000 for \$15.00. By mail, each 8c; 10 for 50c.



Rathbun.

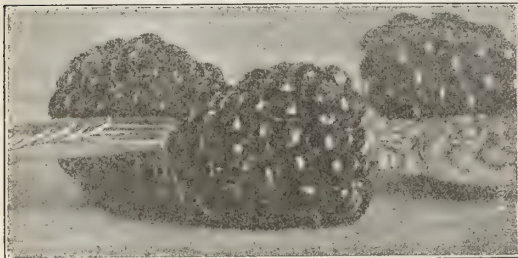
## DEWBERRIES.

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

**Lucretia.** One of the most widely planted of the dewberries. It is a strong grower and exceedingly productive. The fruit is large, luscious and handsome. Glossy, shining black, and ripens from the first to the middle of July, according to locality.

**Price,** strong plants, each 5c; 10 for 30c; 100 for \$2.00; 1000 for \$18.00. By mail, each 8c; 10 for 50c.

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



Premo Dewberry.

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

West Bend, Wis., April 26, 1910.

In response to those trees I wish to state that I received same, and all are in good condition. If these trees grow well you can expect further business with me. I also hope that you will receive orders from those parties that I handed your catalog to.

CARL KUESTER.



## RASPBERRIES.

Plant in rows 5 feet apart and 3 feet in the row. Will do well in any good soil. Cultivate thoroughly and keep free from weeds. Destroy all suckers, cut out all old wood. Our plants are strong and well rooted. There is big money in growing a good red variety for most any market. They have many advantages over the blackcap, as they can stand both cold and hot weather much better. They are easier cared for, selling for more money, and will produce as much fruit as the blacks. They become more popular each season for canning and jams, retaining their flavor for years after preserving.

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

### RED VARIETIES.

**Cardinal.** This is the most promising of all red raspberries. Its growth is the strongest, canes often growing 10 feet or more, and making from 10 to 15 canes from one hill. They are very hard wood, with red bark; almost thornless. It stood 30 degrees below zero without the least injury. Its productiveness is a marvel to fruit growers. The berries are large, dark red, firm to texture, with an agreeable pure, rich flavor. Their season is rather late and they hold on well.

Price, 10c each; 10 for 50c; 100 for \$4.00; 1000 for \$35.00. By mail, 15c each.

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

Price, 5c each; 10 for 30c; 100 for \$1.75; 1000 for \$14.00. By mail, 10c each.

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

Price, 5c each; 10 for 35c; 100 for \$2.50; 1000 for \$20.00. By mail, 8c each.

**Marlboro.** Large, very firm berries of fine quality and light crimson color. A fine early market variety; vigorous and productive. One of the best for the North.

Price, 5c each; 10 for 30c; 100 for \$1.75; 1000 for \$16.00. By mail, 8c each.

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

Price, 5c each; 10 for 30c; 100 for \$2.50; 1000 for \$20.00. By mail, 8c each.

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

Price, 5c each; 10 for 30c; 100 for \$1.75; 1000 for \$15.00. By mail 8c each.

**Red Merveille and White Merveille.** Novelties, see description and price on pink pages in center of catalogue.

**Golden Queen.** The fruit is large and of excellent quality; color pure golden yellow. Ripens with Cuthbert; is firm and a good market variety. Price, 6c each; 10 for 50c; 100 for \$4.00; 1000 for \$30.00. By mail, 10c each.

### BLACK VARIETIES.

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

Price, each 7c; 10 for 50c; 100 for \$3.50; 1000 for \$30.00. By mail 8c each. Transplanted plants only.

**Earhart Everbearing.** Novelty. See description and price on pink pages in center of catalogue.

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

Price, each 7c; 10 for 50c; 100 for \$3.50; 1000 for \$30.00. By mail 8c each. Transplanted plants only.



Cardinal.



Cumberland.



**RASPBERRIES.—Continued.**

**BLACK VARIETIES.—Continued.**



Kansas Black.

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

**Price,** each 15c; 10 for \$1.00; 100 for \$8.00; 1000 for \$75.00. By mail, each 15c. Transplanted plants only.

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

**Price,** each 7c; 10 for 50c; 100 for \$3.50; 1000 for \$30.00. By mail 8c each. Transplanted plants only.

**THE LOGAN BERRY.**

The Logan Berry is a hybrid between the Raspberry and Blackberry. The fruit is as large as the largest Blackberry, and is produced in immense clusters. The color is clear, dark red. It partakes of the flavor of both the Blackberry and the Raspberry—mild, pleasant, vinous flavor, delicious and peculiar to this berry alone. Seeds small, soft and few. Berries very firm and carry well. Strong grower; enormous bearer. Fruit ripens early, just after strawberries. Not hardy north of the 40th parallel.

**Price,** 20 cents each; \$2.00 per dozen, by mail postpaid.

**STRAWBERRIES.**

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

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

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

**Price of Strawberries.**

	Per 25	Per 100	Per 1000
Senator Dunlap, Clyde, Bederwood, Gandy, Splendid, Rough Rider and Warfield.....	\$0.25	\$0.75	\$5.00
By mail or express, prepaid.....	0.40	1.00	6.00
Climax, Dornan and Aroma.....	0.30	0.85	6.50
By mail or express, prepaid.....	0.45	1.20	8.00

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



Aroma.

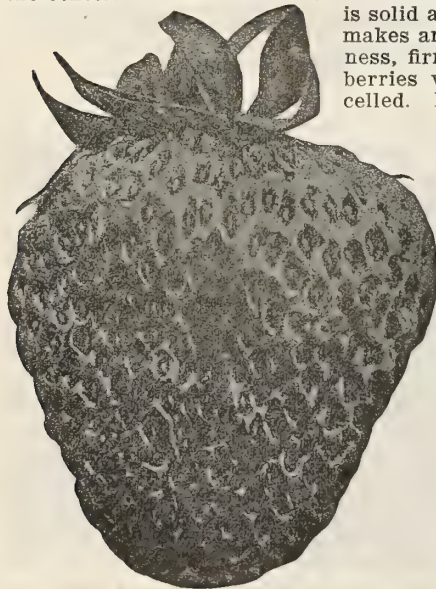
**Bederwood.** Early. We have fruited for many years and found it to be a very heavy bearer, of good sized roundish fruit, season early, a good staminate to fertilize early varieties. This berry, all things considered, is one of the best for general use. PERFECT.

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

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

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

**Gandy.** Late. Considered the best long keeping and one of the best shipping strawberries on the list. Fruit is large, handsome and uniform and makes an excellent showing on the market. On heavy, rich soil the plant is a marvel of vigor and productiveness. PERFECT.



Dornan.



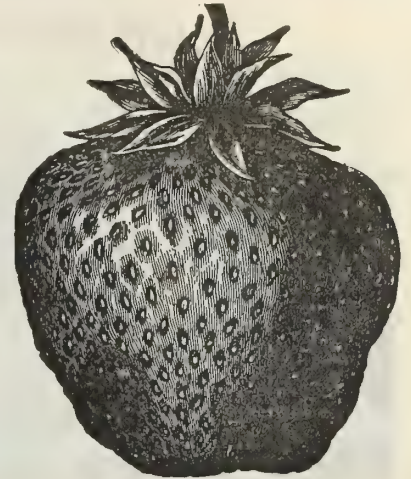
**STRAWBERRIES.**—Continued.

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

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

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

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



Senator Dunlap.



Rough Rider.

**ASPARAGUS.**

This earliest and finest of spring vegetables is among the earliest cultivated and most profitable. A bed once planted suffers no deterioration for many years if it is properly attended to and well manured. See that the ground is well drained; work it up fine and deep, and make it very rich with well-rotted barnyard manure. Place the plants 8 inches apart in rows 3 feet apart. Spread out the roots in a trench made deep enough to permit their crowns to be covered with 3 or 4 inches of mellow earth. Give the bed liberal dressings of manure at intervals.

**Conover's Colossal.** Produces large, tender shoots. Well known and largely planted.

**Columbian Mammoth.** A distinct variety of mammoth size and superior quality. Remarkable for the clear whiteness of its stalks.

**Price, both varieties, 3 year old, strong plants, 5c each; 10 for 15c; 100 for 90c; 1000 for \$6.50. By mail, 5c each; 10 for 35c; 100 for \$2.00.**

**2 year old plants, 10 for 10c; 100 for 70c; \$5.50 per 1000. By mail, postpaid, 10 for 25c; 100 for \$1.25.**  
**1 year old plants, 10 for 7c; 100 for 45c; \$4.00 per 1000. By mail, 10 for 15c; 100 for \$1.00.**

**HORSE RADISH.**

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

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

**RHUBARB OR PIE PLANT.**

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

**Linnaeus.** Medium size, early and tender.

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

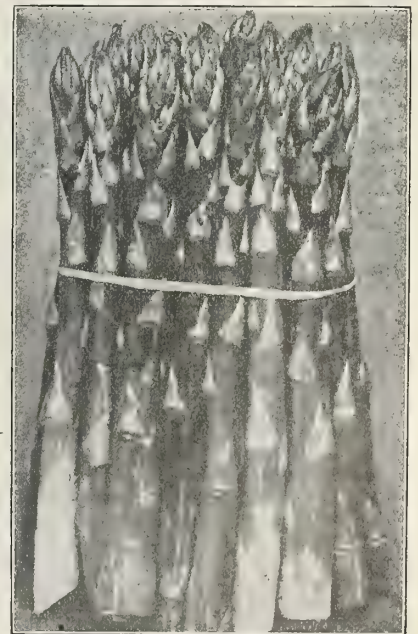
**Price, both varieties, nice strong roots, each 10c; 10 for 70c; \$5.00 per 100. By mail, 15c each.**

Longton, Kans., April 20, 1910.

The goods have been all received in good shape. I didn't expect such nice trees, they were way beyond my expectations. Thank you for the extras you so kindly sent us. E G. LEROW.

Chapin, Ill., April 16, 1910.

Received the trees yesterday. They were in fine condition and are good trees. Am well pleased with them, and thank you for your promptness. ROY VAN GUNDY.



Asparagus.



Asparagus Root.



# ORNAMENTAL AND SHADE TREES.

On this and several pages following we give a list of trees that are hardy and can endure the dry weather of the West. All these trees have been raised in the nursery, are well pruned and have good bodies and tops. All have been transplanted once and have therefore good roots. Our prices are so low that anyone can afford to beautify his home. For one year seedlings of these varieties see pages 37 and 38.



Catalpa Bungei.

habit, rapid growth, very hardy, desirable for street planting, and succeeds in many places where other varieties do not thrive.

### Price of Box Elder Trees.

	Per 1	Per 10	Per 100
3 to 4 feet, well pruned trees.....	\$0.08	\$0.70	\$ 7.00
4 to 5 feet, well pruned trees.....	0.12	1.00	9.00
5 to 6 feet, well pruned trees.....	0.20	1.75	14.00
6 to 8 feet, well pruned trees.....	0.30	2.75	22.00
8 to 10 feet, well pruned trees.....	0.55	4.75	45.00
10 to 12 feet, well pruned trees.....	1.25	10.00	

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

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

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

### Price of Catalpa Speciosa.

	Per 1	Per 10	Per 100
3 to 4 ft., nice trees	\$0.10	\$0.75	\$ 5.00
4 to 5 ft., "	0.12	1.00	9.00
5 to 6 ft., "	0.20	1.75	14.00
6 to 8 ft., "	0.30	2.75	25.00
8 to 10 ft., "	0.60	5.50	50.00
10 to 12 feet, 1½ inch caliper, each \$1;			
10 for \$9.00			
10 to 12 feet, caliper 2 inch and over,			
each \$1.50; 10 for \$13.00.			

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

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

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

### Price of White Ash Trees.

	Per 1	Per 10	Per 100
3 to 4 feet trees, nice, well pruned.....	\$0.10	\$0.75	\$ 6.50
4 to 5 feet trees, nice, well pruned.....	0.12	1.00	9.00
5 to 6 feet trees, nice, well pruned.....	0.20	1.75	14.00
6 to 8 feet trees, nice, well pruned.....	0.30	2.75	22.00
8 to 10 feet trees, nice, well pruned.....	0.55	4.50	40.00

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

Price, 4 to 5 feet trees, 50c each; \$4.00 per 10.

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



Catalpa Speciosa.



**ORNAMENTAL AND SHADE TREES.**—Continued.

**Judas Tree. Red Bud.** (*Cercis Canadensis*.) A very ornamental native tree, of medium size, irregular rounded form, with perfect heart-shaped leaves of a pure green color, glossy surface above, and grayish-green beneath. The tree derives the name of Red Bud from the profusion of delicate reddish-purple flowers with which it is covered before the foliage appears. Grown as single specimens they are also beautiful and attractive, and deserve to be classed among our finest ornamental trees.

Price, 4 to 5 feet, 25c each; 10 for \$2.00.

**Purple Beech, Rivers'.** (*Fagus Sylvatica Riversi*.) One of the most attractive ornamental trees for lawn or park plantings. Very hardy and rarely subjected to insect ravages. Thrives in almost any soil, preferring a sandy loam and a half-shady position. Leaves large, smooth, very dark purple. The best purple leaved lawn tree known, making fine large specimens.

Price, 4 to 5 feet, \$1.25 each.

**Honey Locust.** (*Gleditschia Triacanthos*.) This is an ornamental, native tree of more than ordinary value. Its branches are spreading, forming a broad, rather loose head. The branches and trunk are covered with strong thorns. Its foliage is finely compound, giving a soft and beautiful appearance, light green in the spring and summer, turning to a clear yellow in fall. Is of rapid growth, stands pruning well and is often used for a hedge, its thorns make it almost impenetrable. Price, 3 to 4 feet trees, 8c each; 10 for 75c; 100 for \$7.00. 4 to 5 feet, 15c each; 10 for \$1.25; 100 for \$11.00. 5 to 6 feet, 20c each; 10 for \$1.75; 100 for \$15.00.

**Thornless Honey Locust.** Same as above except that it is entirely free of thorns and is therefore much more suited for a lawn tree. Price, 5 to 6 feet trees, 30c each; 10 for \$2.75.

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



Purple Beech.

**Price of Black Locust, Well Pruned Trees.**

	Per 1	Per 10	Per 100
2 to 4 feet.....	\$0.05	\$0.40	\$3.50
4 to 5 feet.....	0.10	0.90	8.00
5 to 6 feet.....	0.18	1.50	12.00
6 to 8 feet.....	0.30	3.00	28.00
8 to 10 feet.....	0.50	4.00	

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

Price, 6 to 8 feet, each 65c; 10 for \$6.00. 5 to 6 feet, 45c each; 10 for \$4.00. 4 to 5 feet, 30c each; 10 for \$2.75.

**American Linden.** Basswood. (*Tilia Americana*.) A rapid growing, beautiful tree, with large broad leaves and fragrant flowers. A valuable lawn tree and should be more used for this purpose. It thrives best in moist, rich land, but does well in any good soil. Both Lindens make fine street or shade trees.

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

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

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

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

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



Horse Chestnut.



ORNAMENTAL AND SHADE TREES.—Continued.



Norway Maple.

**Russian Olive.** (*Elaeagnus*.) This makes a beautiful lawn tree, with its silvery foliage and nearly black, shining bark. The blossoms have a wonderful fragrance. The exquisite perfumes are carried long distances in the air. Is perfectly hardy even as far north as Canada. **Price,** 2 to 3 feet, 15c each; 10 for \$1.25. 3 to 4 feet, 25c each; 10 for \$2.00. 4 to 5 feet, 30c each; 10 for \$2.75. 5 to 6 feet, with very strong tops, 40c each; 10 for \$3.50. 6 to 8 feet, with very fine crowns, 60c each; 10 for \$5.00.

**Norway Maple.** (*Acer Platanoides*.) One of the most beautiful and desirable trees known. Of large size, perfect outline, with deep green foliage, which turns a pale yellow in autumn. One of the most desirable trees for street, park or garden. **Price,** 5 to 6 feet trees, 50c each; 10 for \$4.50. 6 to 8 feet trees, 75c each; 10 for \$6.50. 8 to 10 feet trees, \$1.00 each; 10 for \$9.50.

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

**Price of Soft or Silver Leaf Maple.**

	Per 1	Per 10	Per 100
3 to 4 feet, nice well pruned trees.....	\$0.10	\$0.60	\$5.00
4 to 5 feet, nice well pruned trees.....	0.12	0.90	8.00
5 to 6 feet, nice well pruned trees.....	0.15	1.35	12.00
6 to 8 feet, nice well pruned trees.....	0.30	2.75	25.00
8 to 10 feet, nice well pruned trees.....	0.60	5.00	45.00

**Sugar or Rock Maple.** (*Acer Saccharum*.) A popular American tree of pyram-

idal form. The foliage is large and handsome, and of a rich, pleasing green, turning to orange-yellow and red in autumn. Its upright habit of growth, dense shade and adaptability to different soils has rendered it one of the most extensively used. Valuable for sugar and timber as well as ornament and shade. **Price,** 5 to 6 feet trees, 45c each; 10 for \$4.00. 6 to 8 feet, 75c each; 10 for \$7.00. 8 to 10 feet, \$1.00 each.

**Wier's Cut-Leaved Silver Maple.** (*Acer Laciniatum*.) One of the most remarkable and beautiful trees, with cut or dissected foliage. Its growth is rapid, shoots slender and drooping, giving it a habit almost as graceful as the cut-leaved Birch. The foliage is abundant, silvery underneath. The leaf stalks are long and tinted with red on the upper surface. It ranks among the most interesting and attractive trees. **Price,** 5 to 6 feet trees, 35c each; 10 for \$3.00. 8 to 10 feet, \$1.00 each.

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

**Price of White Elm.**

	Per 1	Per 10	Per 100
3 to 4 ft., nice well pruned trees.....	\$0.08	\$0.65	\$5.50
4 to 5 ft., nice well pruned trees.....	0.15	1.20	9.00
5 to 6 ft., nice well pruned trees.....	0.20	1.75	14.00
6 to 8 ft., nice well pruned trees.....	0.30	2.75	22.00
8 to 10 ft., nice well pruned trees.....	0.55	4.75	42.00



Oriental Sycamore.

**Oriental Sycamore or Plane Tree.** (*Platanus Orientalis*.) This is a rapid grower, broad topped with large leaves producing the finest headed tree in our list. Is especially adapted for street planting in smoky cities.

Said to be the only tree that survives the atmosphere of London. A prettier and much healthier tree than the American Sycamore, entirely free from fungus diseases and is not attacked by worms and insects.

**Price,** well headed nice trees, 5 to 6 feet high, 40c each; 10 for \$3.50. 6 to 8 feet, 60c each; 10 for \$5.00.

**Sycamore.** (*Platanus*.) A noble tree with spacious head and large deep green foliage. A rapid, upright free grower, very desirable for shade. It is an excellent street and park tree. **Price,** 6 to 8 feet, each 40c; 10 for \$3.50. 5 to 6 feet, each 25c; 10 for \$2.00. 4 to 5 feet, each 20c; 10 for \$1.75. 3 to 4 feet, each 12c; 10 for \$1.00.

**Pin Oak.** (*Quercus Palustris*.) An upright, vigorous growing variety, forming a stately, round topped tree, with long, slightly pendulous branches. The dark green, deeply cut foliage turns to brilliant yellow and crimson shades in autumn, forming one of the best of our fall colored trees. Transplants the easiest of all oaks, and is one of our very finest lawn trees, and a desirable avenue tree. **Price,** 5 to 6 feet, 65c each; 10 for \$6.00. 6 to 8 feet, 90c each; 10 for \$8.00.



Pin Oak.



ORNAMENTAL AND SHADE TREES.—Continued.



Norway Poplar.

**Prunus Pissardi.** (Purple Leaved Plum.) A fine tree of medium size, wood and leaves dark purple; fruit is also purple until ripened; a native of Persia. Flowers single, pure white, covering the tree. One of the most conspicuous ornamental trees. Price, 4 to 5 feet trees, 30c each; 10 for \$2.50.

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

Price of Norway Poplar.

	Per 1	Per 10	Per 100
4 to 5 feet.....	\$0.15	\$1.30	\$12.00
5 to 6 feet.....	0.20	1.80	16.00
6 to 8 feet.....	0.25	2.25	20.00

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

Price of Carolina Poplar.

	Per 1	Per 10	Per 100	Per 1000
2 to 3 feet, whips.....	\$0.04	\$0.35	\$2.50	\$21.00
3 to 4 feet, whips.....	0.06	0.50	4.00	30.00
4 to 5 feet, whips.....	0.08	0.70	6.00	50.00
5 to 6 feet, branched.....	0.12	1.00	8.00	
6 to 8 feet, branched.....	0.20	1.75	15.00	
8 to 10 feet, branched.....	0.35	3.00	25.00	
Small plants, by mail.....	0.10	0.80		

**Golden Poplar.** (Populus Aurea.) Fine golden foliage retaining its brilliancy throughout the season. The foliage will stay a golden color, while the Golden Elm will turn green in a few years. To produce a fine color effect among a cluster of green leaved trees, the Golden Poplar is the best tree we know of. A vigorous grower and hardy everywhere. Price, 3 to 4 feet, 30c each; 10 for \$2.50; 100 for \$20.00.

**Silver Poplar.** (Populus Alba.) Quick growing tree with spreading outline, leaves dark, glossy green above and silver white below. Hardy everywhere. Of great value in farm and private forestry. Sometimes called Silver Maple.

Price, 3 to 4 feet, 10c each; 10 for 90c; 100 for \$8.00. 4 to 5 feet, 15c each; 10 for \$1.25. 5 to 6 feet, 20c each; 10 for \$1.75. 6 to 8 feet, 30c each. 10 to 12 feet, with 2-inch caliper, \$1.00 each.

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

Price, 3 to 5 ft. trees, 5c each; 10 for 45c; 100 for \$4.00. 5 to 6 ft. 7c each; 10 for 60c; 100 for \$5.50. 6 to 8 ft., 25c each; 10 for \$2.00. 8 to 10 ft., 50c each; 10 for \$4.50.

**Tulip tree.** (Liriodendron.) One of the largest and most rapid growing of our native forest trees. The branches are spreading, the curiously shaped leaves are very large, of a deep glossy green. The large tulip-shaped flowers, of a greenish-yellow, blotched with orange, appear early in June, followed by curiously shaped seed vessels in the autumn. An excellent and unique tree for street, lawn and park planting.

Price, 3 to 4 feet, 30c each; 10 for \$2.75. 6 to 8 feet, 50c each; 10 for \$4.50.



Golden Willow.



## ORNAMENTAL AND SHADE TREES.—Continued.



Bechtel's Double Flowering Crab.

A very desirable tree for street planting. Price, 4 to 5 feet, 15c each; 10 for \$1.25; 100 for \$16.00. 6 to 8 feet, 35c each; 10 for \$3.00; 100 for \$26.00.

**Mountain Ash.** European. (*Sorbus Aucuparia*.) A hardy tree of medium size, erect stem, smooth bark; head is very dense and regular; covered from July until winter with large clusters of scarlet berries. A fine lawn tree. Price, 5 to 6 feet, strong trees, each 50c; 10 for \$4.50. 4 to 5 ft., each 40c; 10 for \$3.50. 3 to 4 ft., ea. 30c; 10 for \$2.50.

**Large Fruited Edible Mountain Ash.** From Germany. A round headed, medium sized tree with erect stem and smooth bark. Foliage is soft and handsome in appearance. It is ornamental throughout the season. The brilliant scarlet fruits are borne in large clusters in great abundance. Fruit is sub-acid, of an agreeable aromatic flavor, and may be eaten raw; is of special value for preserves, jellies, sauce, etc. Can be used for every purpose that cranberries are suited for. The tree is extremely hardy anywhere, will grow in the poorest soil and most exposed situations, where no other fruit could be grown. Makes a beautiful ornamental tree for the lawn or yard, and is worthy of a place in every garden. Price, nice well grown trees, 4 to 6 feet, each 80c; 10 for \$7.00.

**Paul's Double Flowering Thorn.** (*Crataegus*.) A beautiful small tree with spreading spiny branches. Very hardy and will thrive everywhere, even in dry soil. The pretty flowers are bright scarlet, very showy and double. Should be planted freely. Price, 4 to 5 feet, each 40c; 10 for \$3.50.

**Double White Flowering Thorn.** (*Crataegus*.) The tree is similar to above, but flowers are snowy white. Price, 4 to 5 feet, each 40c; 10 for \$3.50.

**Siberian Pea Tree.** (*Caragana*.) An extremely hardy shrub or low tree, originally from Siberia. Is valuable for an ornamental tree, especially in the northern states. The branches have small sharp thorns. It bears beautiful yellow flowers; its seeds are said to be valuable for poultry and culinary uses. Its leaves furnish a blue dye, and they resemble the leaves of the Locust somewhat. Will grow anywhere and we especially recommend it for the North, as it is perfectly hardy, even in Canada. Price, 3 to 5 feet trees, 35c each; 10 for \$3.00; 100 for \$27.50.

**Bechtel's Double-Flowering Crab.** (*Pyrus Coronaria*.) One of the most beautiful of the many fine varieties of flowering crabs. Tree of medium size, covered in early spring with large, beautiful, double fragrant flowers of a delicate pink color. From a distance the flowers have the appearance of small roses. Tree blooms when quite young. Price, 4 feet, 60c each.

**Double Flowering Plum.** (*Prunus Triloba*.) A charming shrub or small tree, of spreading, vigorous growth. Very early in spring before its leaves appear the whole tree is decked in a fleecy cloud of very double, light pink blossoms. A beautiful lawn tree. Price, 3 to 5 feet, 75c each.

**Double Flowering Peach.** (*Persica Sanguinea plena*.) At their blooming time in May every twig and branch of the Double Flowering Peach is bright with beautifully formed flowers, rendering the trees showy and attractive even at a distance. Flowers are bright red. An exceedingly pretty lawn tree. Price, 3 to 4 feet, each 50c.

**Large Double White Flowering Cherry.** (*Cerasus avium plena*.) This makes a charming garden and lawn tree. At the period of flowering in May, a remarkably beautiful and attractive tree.

The flowers are so numerous as to conceal the branches, and present nothing but a mass of bloom, each flower resembling a small rose. A valuable variety. The foliage is very dense in late season; flowers very beautiful and more lasting than any single flowered variety, consequently of great service as cut flowers. Price, 5 to 6 feet, strong trees, \$1.00 each.

**Wild Black Cherry.** (*Cerasus Serotina*.) Valuable either as an ornamental or timber tree, and is one of the most beautiful natives. It is a strong, straight tree, with dark brown bark. Dark green foliage which retains its color and it is one of the last to lose its leaves. The flowers are borne in long loose racemes, and are followed by purple black fruit ripening in late summer. Is most used in forestry planting. Price, 5 to 6 feet trees, 30c each; 10 for \$2.50. 6 to 8 feet trees, 50c each; 10 for \$4.50.

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



Edible Mountain Ash.



# FOREST TREE SEEDLINGS.

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

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

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

	Per 1	10	100	1000	10,000
Ash, White. (Fraxinus.) 8 to 12 inch, 1 year seedlings.....			.25	2.00	
" " " 12 to 18 inch, 1 year seedlings.....			.35	3.00	
Box Elder. (Acer Negundo.) 4 to 8 inch, 1 year seedlings.....			.15	1.25	12.00
" " " 8 to 12 inch, 1 year seedlings.....			.20	1.75	16.00
" " " 12 to 18 inch, 1 year seedlings.....			.35	3.00	
" " " 18 to 24 inch, 1 year seedlings.....	.10	.65	6.00		
" " " 2 to 3 feet, 2 year seedlings.....	.15	1.00	9.00		
Black Locust. (Or Yellow Locust.) 4 to 8 inch, 1 year seedlings.....			.15	1.20	11.00
" " " 8 to 12 inch, 1 year seedlings.....			.25	1.60	15.00
" " " 12 to 18 inch, 1 year seedlings.....			.35	2.40	22.00
" " " 18 to 24 inch, 1 year seedlings.....			.50	3.75	35.00
" " " 2 to 3 feet, 1 year seedlings.....			1.25	10.00	
Honey Locust. (Gleditschia.) 4 to 8 inch, 1 year seedlings.....			.15	1.35	12.00
" " " 8 to 12 inch, 1 year seedlings.....			.20	1.65	15.00
" " " 12 to 18 inch, 1 year seedlings.....	.10	.30	2.75	25.00	
" " " 18 to 24 inch, 1 year seedlings.....	.15	.50	4.00		
" " " 2 to 3 feet, 2 year seedlings.....	.20	1.00	9.00		
Thornless Honey Locust. 8 to 12 inch, 1 year seedlings.....	.10	.50	4.00		
" " " 12 to 18 inch, 1 year seedlings.....	.20	.80	6.00		
" " " 18 to 24 inch, 1 year seedlings.....	.30	1.25	9.00		
" " " 2 to 3 feet, 2 year seedlings.....	.05	.40	2.00		
Sugar or Rock Maple. 12 to 18 inch, 1 year seedlings.....	.10	.90	7.00		
" " " 18 to 24 inch, 1 year seedlings.....	.14	1.20	10.00		
Norway Maple. 18 to 24 inch, 2 year seedlings.....	.05	.45	3.50	30.00	
Soft or Silver Maple. (Acer.) 4 to 8 inch, 1 year seedlings.....			.15	1.20	11.00
" " " 8 to 12 inch, 1 year seedlings.....			.20	1.75	16.00
" " " 12 to 18 inch, 1 year seedlings.....			.30	2.50	22.00
" " " 18 to 24 inch, 1 year seedlings.....			.40	3.50	
" " " 2 to 3 feet, 2 year seedlings.....			1.00	9.00	
White Elm. (Ulmus.) 4 to 8 inch, 1 year seedlings.....			.20	1.50	14.00
" " " 8 to 12 inch, 1 year seedlings.....			.25	2.00	19.00
" " " 12 to 18 inch, 1 year seedlings.....			.35	2.75	25.00
" " " 18 to 24 inch, 1 year seedlings.....			.50	4.25	
" " " 2 to 3 feet, 2 year seedlings.....	.15	1.00	9.00		
Catalpa Speciosa. (Hardy Catalpa.) From true seed, which was collected by our own men. All fine seedlings. We have 3 millions.					
" " " 4 to 8 inch, 1 year seedlings.....			.20	1.15	11.00
" " " 8 to 12 inch, 1 year seedlings.....			.30	1.90	17.00
" " " 12 to 18 inch, 1 year seedlings.....			.40	3.00	28.00
" " " 18 to 24 inch, 1 year seedlings.....			.60	5.00	
" " " 2 to 3 feet, 2 year seedlings.....	.05	.25	1.25	10.00	
Hackberry. (Celtis.) 12 to 18 inch, 1 year seedlings.....	.05	.25	.90	8.00	
" " " 18 to 24 inch, 2 year seedlings.....	.08	.35	1.75	12.00	
Osage Orange. (Bois d'Arc.) 4 to 8 inch, 1 year seedlings.....			.15	1.00	9.00
" " " 8 to 12 inch, 1 year seedlings.....			.20	1.25	12.00
" " " 12 to 18 inch, 1 year seedlings.....			.25	1.75	16.00
" " " 18 to 24 inch, 1 year seedlings.....	.10	.35	2.75		
Russian Mulberry. (Morus.) 4 to 6 inch, 1 year seedlings.....			.25	1.75	
" " " 6 to 12 inch, 1 year seedlings.....			.35	3.00	
" " " 12 to 18 inch, 1 year seedlings.....			.50	4.50	
" " " 18 to 24 inch, 1 year seedlings.....			.75	6.50	
" " " 2 to 2½ feet, 2 year seedlings.....	.20	1.50	12.00		
Cottonwood. (Populus Deltoidea.) 12 to 18 inch, 1 year seedlings.....			.25	1.90	
" " " 18 to 24 inch, 1 year seedlings.....			.30	2.50	23.00
" " " 2 to 3 feet, 1 year seedlings.....			.20	1.50	10.00
Beech, European. (Fagus.) 12 to 18 inch, 1 year seedlings.....			.30	2.75	20.00
Beech, Blood. (Fagus Purpurea.) 12 to 18 inch, 1 year seedlings.....	.15	1.25	12.00		
German Linden. (Tilia.) 18 to 24 inch, 1 year seedlings.....	.10	.50	4.00		
American Linden. (Basswood.) 12 to 18 inch, 1 year seedlings.....	.05	.30	2.00	15.00	
Mountain Ash, European. (Sorbus.) 18 to 24 inch, 1 year seedlings.....	.10	.50	4.00		
White Birch, European. (Betula.) 12 to 18 inch, 1 year seedlings.....	.10	.50	4.00		
Horse Chestnut. (Aesculus.) 12 to 18 inch, 1 year seedlings.....	.10	.50	4.00		
Alder, European. (Alnus.) 18 to 24 inch, 1 year seedlings.....	.05	.25	2.00	18.00	
Sycamore. (Platanus.) 12 to 18 inch, 1 year seedlings.....		.20	1.00	8.00	
Sycamore, European. (Oriental Plane.) 12 to 18 inch, 1 year seedlings.....	.05	.45	4.00	35.00	



**FOREST TREE SEEDLINGS.**—Continued.

	Per 1	10	100	1000	10,000
Black Walnut. 8 to 12 inch, 1 year seedlings.....	.....	.10	.90	8.00	.....
" 12 to 18 inch, 1 year seedlings.....	.....	.15	1.20	10.00	.....
Butternut. (White Walnut.) 12 to 18 inch, 1 year seedlings.....	.....	.05	.40	3.00	.....
" 18 to 24 inch, 1 year seedlings.....	.....	.07	.50	4.00	.....
Golden Willow. (Salix.) 2 to 3 feet, 2 year from cuttings.....	.....	.05	.30	2.75	25.00
Rose, Manetti; for budding, No. 1 stock.....	.....	.05	.50	3.00	25.00

**FRUIT TREE SEEDLINGS.**

	Per 1	10	100	1000	10,000
Apples. From French Crab Seed, 1 year No. 1.....	.....	.25	2.00	18.00	.....
Apples. From French Crab Seed, 1 year No. 2.....	.....	.20	1.50	13.00	.....
Pear. French. 1 year No. 1.....	.....	.25	2.00	18.00	.....
Pear. French. 1 year No. 2.....	.....	.20	1.75	15.00	.....
Myrabolan Plum. French. 1 year No. 1.....	.....	.30	2.50	20.00	.....
" 1 year No. 2.....	.....	.20	1.80	16.00	.....
Mahaleb Cherry. French. 1 year No. 1.....	.....	.25	2.30	20.00	.....
" 1 year No. 2.....	.....	.20	1.75	15.00	.....
Quince. For Dwarf Pear. 1 year No. 1.....	.....	.25	2.00	18.00	.....
Apple. Doucine. For Dwarf Apple. 1 year No. 1.....	.....	.30	2.50	22.00	.....

**CUTTINGS.**—(About 10 inches long.)

	Per 1	10	100	1000	10,000
Carolina Poplar. Cuttings.....	.....	.....	.25	2.00	.....
Silver Poplar. Cuttings.....	.....	.....	.25	2.00	.....
Yellow Willow. (Golden.) Cuttings. (Good for baskets.).....	.....	.....	.20	1.50	.....
Privet. Cuttings.....	.....	.....	.25	2.00	.....
Cuttings, postpaid by mail, any variety.....	.....	.....	.35	2.50	.....

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

	Per 1	10	100	1000
Ash. (White.) 6 to 12 inch, 1 year seedlings.....	.....	.....	.30	2.40
Box Elder. 4 to 8 inch, 1 year seedlings.....	.....	.....	.20	1.50
Black Locust. 4 to 8 inch, 1 year seedlings.....	.....	.....	.20	1.50
Honey Locust. 4 to 8 inch, 1 year seedlings.....	.....	.....	.20	1.50
Hardy Catalpa. 4 to 8 inch, 1 year seedlings.....	.....	.....	.25	1.75
White Elm. 4 to 8 inch, 1 year seedlings.....	.....	.....	.20	1.75
Osage Orange. 4 to 8 inch, 1 year seedlings.....	.....	.....	.20	1.50
German Linden. 1 year seedlings.....	.10	.60	5.00	.....
American Linden. 1 year seedlings.....	.10	.60	5.00	.....
Mountain Ash. 1 year seedlings.....	.10	.60	5.00	.....
Horse Chestnut. 1 year seedlings.....	.10	.60	5.00	.....
Oriental Plane. 12 to 15 inch, 1 year seedlings.....	.10	.60	5.00	.....
Alder. (Common.) 18 to 24 inch, seedlings.....	.06	.40	2.50	.....
Soft Maple. 4 to 8 inch, 1 year seedlings.....	.....	.....	.20	1.35
Soft Maple. 8 to 12 inch, 1 year seedlings.....	.....	.....	.30	2.25
Norway Maple. 12 to 24 inch, 2 yr. seedlings.....	.10	.75	5.00	.....
Sugar Maple. 12 to 18 inch, 1 year seedlings.....	.....	.05	1.00	7.00
Russian Mulberry. 4 to 6 inch, 1 yr. seedlings.....	.....	.....	.30	2.00
Russian Mulberry. 6 to 12 inch, 1 yr. seedlings.....	.....	.....	.45	4.00



Cut Leaf Weeping Birch. (Page 39.)

Edgar, Nebr., April 22, 1910.

I received the trees you sent me. They came in perfect condition and I am highly pleased with them. I had trees sent to me by other nurseries in the past, but none of them pleased me as much as your shipment did. Last year I got peach trees from three different nurseries, but they did not give me satisfaction. Hence, knowing you as I do now, I will dig those trees out in the fall and send you an order for some really nice peach trees. You seem to know just what your customers want, and exactly what to send. I will never fail to speak a good word for you. Thanking you most heartily for your honest and honorable treatment of me, and wishing you abundant success in your good work, I remain,

M. MESROPIAN, M. D.

San Diego, Cali., April 2, 1910.

I received the shipment of trees in fine condition January 14. I am well satisfied and so are my friends, Mr. Manceck and Mr. Brockmeier, and I assure you that we will remember the German Nurseries in the future. The trees are growing nicely, some of them having made shoots of 5 and 6 inches. Thanking you for prompt shipment and good treatment, I remain,

GEO. GEHRKENS,

Amedee, California.

The trees I bought of you a few years ago are bearing now; Peach, Apple, Pears and also Mulberry. If you don't think they are a fine lot of trees growing here on the desert, then come out and see for yourself. Everyone here enjoys the sight of them.

E. H. NEHLSSEN.



## WEEPING DECIDUOUS TREES.

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



Camperdown Weeping Elm.

spaces. Will form a fine arbor if a little care is used in trimming and training the branches. Very hardy everywhere, adapting itself readily to a great variety of soils, and is easily transplanted. One of the finest lawn trees, making a picturesque effect. Grafted 6 feet high. Price, each \$1.00.

**Cut Leaf Weeping Birch.** (*Betula.*) See illustration on page 38. This magnificent tree is, without question, the most popular and the most planted of all pendulous or so-called weeping trees. It is a tall, slender tree, yet with vigorous growth. It has an erect central trunk, somewhat pyramidal in shape, with graceful, drooping branches and glistening silvery-white bark. The foliage is fine, thin, deeply and delicately cut, and of a beautiful shade of green. The whole tree presents a soft and delightful effect not found in any other hardy ornamental tree. Price, 5 to 6 feet trees, 80c each. 6 to 8 feet trees, \$1.00 each.

**Camperdown Weeping Elm.** (*Ulmus.*) Its vigorous branches, which have a uniform habit, overlap so regularly that a compact, roof-like head is formed. Leaves are large, glossy dark green. A strong, vigorous grower. One of the best weeping trees. It can be trained to form an arbor if desired. The peculiar characteristics of this tree make it very popular and valuable for the lawn. Hardy everywhere and not particular as to soil. With age the weeping branches will eventually sweep the ground, and enclose a shady place as effectively as an arbor. This tree thrives splendidly in our state. Grafted 6 feet high. Price, \$1.00 each.

**American Purple Weeping Willow.** (*Salix.*) Also called Fountain Willow. An American species of dwarf habit with slender graceful branches. Forms a fine round head, sweeping outward in fountain shape. It makes one of the most ornamental of small weeping trees. Very hardy, of quick growth. Price, 5 to 6 feet trees, 75c each.

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

**Babylonian Weeping Willow.** Napoleon's Willow. (*Salix.*) A well known tree of pendulous or weeping habit, with long slender olive green branches. Forms a large tree of very graceful habit. Its fresh, bright green tint and long, wavy branches make it very attractive. Very hardy and of quick, robust growth, adapted to a great variety of soils, is easily transplanted and they can be used by planters to great advantage in all landscape effects. Excellent for parks, lawns, cemeteries, etc. The accompanying illustration shows what beautiful landscape effects may be obtained with this tree.

Price, 4 to 5 feet trees, 20c each; 10 for \$1.75. 5 to 6 feet trees, 25c each; 10 for \$2.25. 6 to 8 feet trees, 35c each; 10 for \$3.25.

—:o:—

St. Joseph, Mo., April 26, 1910.

My third and last order came to hand a few moments ago. I opened up same at once and found them the same as all previous shipments from you; in fine shape and entirely satisfactory. I want to thank you for the nice way you handled my order, and I'll say it was more than I expected to get for my money; each and every item sent was entirely satisfactory. Should I need anything in your line in the future, you'll hear from me, and I shall also remember you to my neighbors.

A. L. SCHROEDER.



Babylonian Weeping Willow.



## PLANTS FOR HEDGES AND SCREENS.

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



Hedge of Spirea Van Houttii.

**Amoor River Privet.** Hardy. Foliage glossy green and holds its color well almost the entire year. Will stand shearing to any extent. Where the California Privet is not hardy, the Amoor River should be planted. It stood the freezing of last winter without injury, in the vicinity of Chicago; in Minnesota it froze back only about three inches. This is the hardest Privet known. Price 18 to 24 inch, well branched plants, 10c each; 10 for 90c; 100 for \$8.00; 1000 for \$70.00.

**Russian Mulberry.** Is well adapted for hedges or screens. Must be pruned often. See full description and price list on page 21.

**Lilacs.** These make a very attractive hedge. See description on page 47. We have small plants, suitable for hedges, at \$10 per 100.

**Spirea Van Houttii.** This is the best plant for an ornamental hedge that we know. See description on page 47. Plants for hedges should be set 18 inches apart. 12 inch plants suitable for hedges, \$12.00 per 100.

**Spirea Thunbergii.** Makes a very dense and pretty hedge-fence, not over 3 feet high. See description on page 47. Price, 12 to 18 inches, \$5.00 per 100.

**California Privet.** (Ligustrum.) No plant has come more rapidly and deservedly into public favor. Is of vigorous growth, has glossy dark green foliage, keeping its color until after Christmas. Almost evergreen. Price, for 18 to 24 inch plants, 5c each; 40c per 10; \$3.00 per 100. 2 to 3 feet, 10c each; 80c per 10; \$5.00 per 100.

**Barberry.** (Purple Leaved.) Used as hedge plants extensively. Foliage and fruit of a violet purple color. Price, 12 to 18 inch plants, 5c each; 45c per 10; \$3.50 per 100. 18 to 24 inch, transplanted, 10c each; 85c per 10; \$6 per 100.

**Barberry Thunbergii.** Of dwarf, graceful habit; foliage small, changing to beautiful red early in fall; very showy. Full description see page 43. Price, 18 to 24 inch plants, 10c each; 75c per 10; \$6.00 per 100.

**Scotch Sweet Briar Roses.** (Rosa Rubiginosa.) Flowers pink, single, very sweet scented. Especially well adapted for a hedge. Price, 1 year old, extra nice plants, 10c each; 75c per 10; \$6.00 per 100.

**Arbor Vitae.** One of the finest evergreens for hedges. Not hardy north of Nebraska. Price, 6 to 10 inch plants, 5c each; 40c per 10; \$3.00 per 100. Price for larger sizes see page 41.



Hedge of Barberry Thunbergii.

### THORNY VARIETIES.

**Osage Orange.** (Bois d'Arc.) A valuable tree for its timber, posts of this wood being almost indestructible. It should be planted exclusively south of here. It is not hardy north of Nebraska. Stands pruning well and makes a beautiful and effective hedge. 4 to 8 inches, 15c per 100; \$1.00 per 1000. 8 to 12 inches, 20c per 100; \$1.25 per 1000. 12 to 18 inches, 25c per 100; \$1.75 per 1000. 18 to 24 inches, 35c per 100; \$3.00 per 1000.

**Honey Locust.** See description on page 33. Has very long thorns and turns cattle and hogs well. 4 to 8 inches, 15c per 100; \$1.25 per 1000. 8 to 12 inches, 20c per 100; \$1.60 per 1000. 12 to 18 inches, 40c per 100; \$3.25 per 1000.

**Common Buckthorn.** (Crataegus Oxyacantha.) A hardy shrub extensively used in England and the Continent for live hedges. Is covered with pretty white blossoms in the spring and nice red berries in the fall. Price for 12 to 18 inch plants, 5c each; 40c per 10; \$3.00 per 100; \$25.00 per 1000. 18 to 24 inch, 60c per 10; \$4.50 per 100.

### ORNAMENTAL VARIETIES.



California Privet Hedge.

Route 3, Quincy, Ill., April 11, 1910.

I received the grape vines and Peach and Cherry trees in due time. They are planted, and I must say they are a fine lot of plants, and I am well pleased with them. You can expect another order from me and very probably from some of my neighbors next fall. Thanks for extras.

FRANK J. PETERSCHMIDT.

Cliffs, Wash., March 27, 1910.

The trees arrived at last all O. K. They are as fine a lot as I ever got. Am well pleased. There were thirty of the Pie Plants alive and they are fine. Thanking you for past favors, I am,

J. W. BLANCHARD.

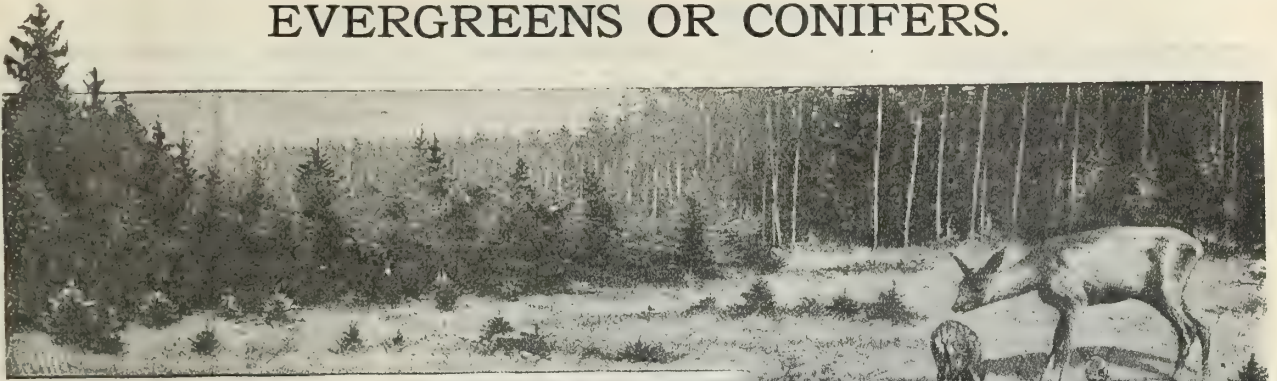
Dulzura, Cali., March 4, 1910.

We received the trees and I am busy planting them. I am well pleased with them as they are in good shape.

B. R. SHECKLER.



# EVERGREENS OR CONIFERS.



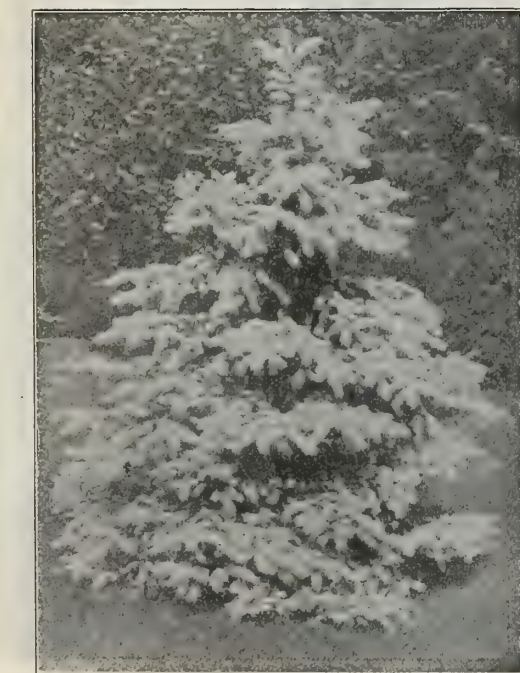
The hardy coniferous evergreens are particularly valuable for use in all classes of ornamental planting inasmuch as they preserve their graceful foliage and rich coloring throughout the summer and winter, adding much to the charm of the landscape during that period when deciduous trees and shrubs are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



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

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

**Balsam Fir. (Abies Balsamea.)** Forms a slender, spiral and very symmetrical pyramidal tree. It is one of the most rapid growing trees in the conifer group, and is extremely hardy. Foliage very dark green, needles soft, short, and have a pleasant, aromatic fragrance. For lawn planting, either in groups, or as a specimen, it lends itself to a variety of uses. Price, 8 to 10 inch, transplanted 10c each; 10 for 80c; 100 for \$6.50. 10 to 15 inch, transplanted, 15c each; 10 for \$1.35; 100 for \$12.50. 2 to 3 feet, transplanted, 50c each; 10 for \$4.50; 100 for \$40.00.



Blue Spruce.

Price of Arbor Vitae.		Per 1	10	100	1000
7 to 10 in. seedlings.....		\$0.05	\$0.40	\$3.00	\$25.00
10 to 15 in., transplanted.....		0.10	0.70	7.00	
18 to 24 in., transplanted.....		0.20	1.75	15.00	
2 to 3 ft., transplanted.....		0.35	3.00		

Price of Red Cedars.		Per 1	10	100	1000
4 to 8 in. seedlings.....		\$0.05	\$0.40	\$3.50	\$30.00
8 to 10 in., 2 yr., transpl.....		0.15	1.20	10.00	
10 to 15 in., 2 yr., transpl.....		0.20	1.75	16.00	
18 to 24 in., 3 yr., transpl.....		0.35	3.00	23.00	
2 to 3 ft., well shaped trees		0.40	3.50	32.00	
3 to 4 ft., well shaped trees		1.00	8.00		

**European Larch. (Larix Europea.)** An excellent, upright, rapid growing pyramidal-shaped tree, with drooping, slender branches; foliage light green, soft and graceful in the spring, turning to a golden yellow in the autumn before falling. Unlike most conifers, it is deciduous after the first year; perfectly hardy and thrives in nearly all situations. Makes a very handsome specimen for ornamental planting and very valuable for timber. The cones are small and grow upright on the branches. Price, 12 to 18 inch seedlings, 10c each; 10 for 75c; 100 for \$6.00. 2 to 3 feet, transplanted, 30c each; 10 for \$2.50. 3 to 3½ feet, 50c each; 10 for \$4.50.

**Blue Spruce. (Picea Pungens.)** The Blue Spruce is the most beautiful of all conifers. Its silver foliage, glistening in the sunlight, makes it surpass in beauty any other evergreen. It is very hardy; a good grower, will withstand severe winters and excessive moisture, and is very easily transplanted. The Blue Spruce has no equal for lawn and cemetery use. The "selected blue" trees, in sizes 15 to 18 inch and 1½ to 2½ feet will be shipped in buckets or tubs. You will experience no trouble whatever to make them grow. Only about one-third of the Blue Spruce come real blue from seed, the other two-thirds run from greenish-blue to almost green in color.

Price of Blue Spruce.		Per 1	10	100
6 to 10 in. seedlings, as they run.....		\$0.15	\$1.25	\$12.00
10 to 15 in., transpl., as they run.....		0.30	2.50	22.00
10 to 15 in., transpl., select blue.....		0.75	6.50	
15 to 18 in., transpl., as they run.....		1.25	11.00	
15 to 18 in., transpl., select blue.....		2.50		
1½ to 2½ ft., transpl., as they run.....		2.50		
1½ to 2½ ft., transpl., select blue.....		4.00		



EVERGREENS OR CONIFERS.—Continued.



Austrian Pine.

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

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

Price of White Pine.	Per 1	10	100	1000
6 to 8 in., seedlings..	\$0.06	\$0.50	\$4.00	\$30.00
8 to 12 in., seedlings..	0.10	0.80	7.00	55.00
12 to 18 in., transpl....	0.25	2.25	20.00	
2 to 3 ft., transpl....	0.60	5.50		

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

Price of Jack Pine.	Per 1	10	100	1000
6 to 10 in., seedlings....	\$0.05	\$0.40	\$3.00	\$20.00
10 to 15 in., seedlings	0.10	0.80	6.00	40.00
15 to 20 in., transpl..	0.20	1.75		

**Ponderosa Pine.** (Yellow or Bull Pine.) One of our native Pines growing throughout the western states and in the Black Hills of South Dakota. Long, stiff, heavy needles. Very fast grower and recommended for all wind-break and shelter planting.

Price of Ponderosa Pine.	1	10	100	1000
4 to 6 in., seedlings	\$0.05	\$0.25	\$2.00	\$15.00
6 to 10 in., seedlings	0.06	0.35	2.50	20.00
12 to 18 in., seedlings	0.10	0.75	5.00	45.00

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

Price of Irish Juniper.	Per 1	10	100
6 to 10 in., seedlings.....	\$0.10	\$1.00	\$8.00
12 to 15 in., transplanted.....	0.40	3.50	
2 to 3 ft., transplanted.....	0.75		

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

Price,	Per 1	10	100
6 to 10 in., seedlings.....	\$0.15	\$1.00	\$ 8.00
10 to 15 in., transplanted.....	0.20	1.50	12.00
2 to 3 feet, transplanted.....	1.25		

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

Price of Norway Spruce.	Per 1	10	100	1000
6 to 10 in., seedlings.....	\$0.07	\$0.40	\$3.50	\$20.00
10 to 15 in., 2 yr. transpl.....	0.15	1.00	9.00	
18 to 24 in., 2 yr. transpl.....	0.25	2.25	20.00	
2 to 3 ft., 3 yr. transpl.....	0.35	3.00		
3 to 4 ft., 4 yr. transpl.....	0.55	5.00		

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

Price,	Per 1	10	100	1000
6 to 10 in., seedlings.....	\$0.05	\$0.40	\$3.00	\$25.00
10 to 15 in., seedlings.....	0.10	0.80	6.00	45.00
18 to 24 in., transplanted.....	0.25	2.00	18.00	
2 to 3 feet, transplanted.....	0.35	3.00		
3 to 4 feet, transplanted.....	0.75			
4 to 5 feet, transplanted.....	1.25			

Price of Austrian Pine.	Per 1	10	100	1000
6 to 10 inch, seedlings.....	\$0.05	\$0.40	\$3.00	\$20.00
10 to 15 inch, seedlings.....	0.10	0.80	6.00	40.00
18 to 24 inch, transplanted.....	0.25	2.00	18.00	
2 to 3 feet, transplanted.....	0.35	3.00		
3 to 4 feet, transplanted.....	0.75			
4 to 5 feet, transplanted.....	1.25			



Balsam Fir. (Page 41.)



## ORNAMENTAL SHRUBS.

There is nothing which so quickly, and for so little cost, adds so much to the beauty, cheerfulness and home-like appearance of a place as an assortment of hardy shrubs. They are permanent improvements which increases in size, value and beauty, year after year. Our price is for strong healthy, field grown plants, 2 year old and 2 to 3 feet high. If ordered together with trees and other plants, to the amount of \$10.00, we prepay all freight charges.

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

**BOULE DE FEU**, very double, deep red.  
**ARDENS**, the familiar double purplish-blue.

**JEANNE DE ARC**, double pure white.

**SPECIOSA**, double rosy pink.

**DUC DE BRABANT**, dark rose. large double flowers.

Price, each 20c; 10 for \$1.75.

**Tree Altheas.** We can furnish the above varieties in tree form. Nice, stocky specimen. 3 feet high.

Price, 35c each; 10 for \$3.00.

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

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

**Barberry, Thunbergi.** **JAPANESE BARBERRY.** (Berberis.) See illustration on page 44. An invaluable little shrub that fits in with almost every planting. Will grow just about anywhere, and has handsome foliage of bright green oval leaves, that turn the most brilliant shades of orange and red in the fall. The slender, graceful branches which are protected by small thorns, are lined with little scarlet berries of great attractiveness from early autumn well into winter. One of the most beautiful shrubs in cultivation and justly popular as an ornamental hedge plant, forming without trimming, a low dense hedge of surpassing grace and beauty, or by the free use of the shears, a formal hedge of great density and durability.

Price, 30c each; 10 for \$2.50. Postpaid 35c each.

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

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



Althea.



Azalea Mollis.

**Calycanthus.** **SWEET SCENTED SHRUB OR STRAWBERRY SHRUB.** Also called Chocolate Shrub and Carolina Allspice. Flowers very double, brownish-purple in color and deliciously fragrant. Blooms nearly all summer and is one of the most desirable shrubs. Hardy and of easy culture, deserving of a prominent place in every garden. Grows 4 feet high.

Price, each 25c. Postpaid 30c each.

**Clethra.** **PEPPER BUSH OR WHITE ALDER.** A desirable native shrub of dense growth, producing abundant slender spikes of very fragrant white flowers in mid-summer. The leaves are dark green and lustrous, fading with yellow tones in the fall. Valuable for shaded places, and thriving well in most any soil. One of the best plants for shrubbery borders, as it flowers so abundantly at a time when little else is in bloom. Include it in all such plantings. Grows 4 to 5 feet high and blooms in August. (See illustration on page 44.)

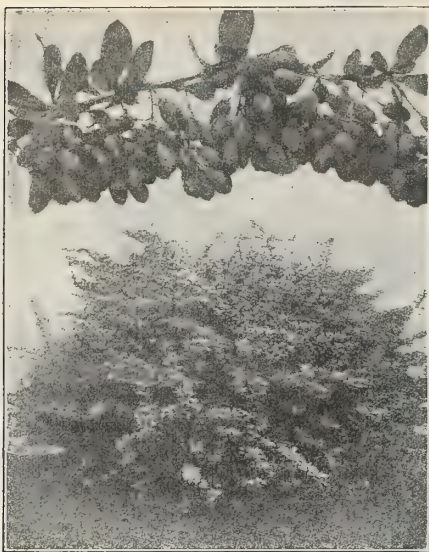
Price, each 35c. Postpaid 40c each.

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

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



## ORNAMENTAL SHRUBS.—Continued.



Barberry Thunbergii. (Page 43.)

Price, each 25c; 10 for \$2.25. Postpaid 30c each.

**Deutzia, Pride of Rochester.** The large Flowered Deutzia. A vigorous grower, profuse bloomer, and one of the earliest to come into bloom. Flowers large double white, slightly tinged with rose. The plant grows 3 to 4 feet tall. Desirable for groups and as a specimen plant on the lawn. Price, each 35c; 10 for \$3.00. Postpaid 40c each.

**Flowering Almond, Pink.** (Prunus.) The Flowering Almonds are pretty dwarf bushes that bloom quite early and are very showy in spring. Their slender, leafless upright branches are entirely hidden by stemless, very double flowers of pink color, resembling small roses. Grows to a height of 4 to 5 feet and blooms in May. One of the best flowering shrubs and can be highly recommended for the western states. Price, each 25c. Postpaid 30c each.

**Flowering Almond, White.** Shrub is very similar to the above, with handsome, double white flowers in great profusion, completely covering the branches. Price, each 25c. Postpaid 30c each.

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

placed where it may show its spring-time beauty with full effect. Planted in the corner by the hedge, or in front of evergreens, it has advantage of contrast to bring out its brilliancy, and on account of its early blooming quality it is really a very desirable shrub. Price, 25c each. Postpaid 30c each.



Deutzia.

**European Red Dogwood.** (Cornus Sanguinea.) A spreading shrub with deep red or purplish branches. Flowers greenish-white, in dense flat-topped clusters, followed by black berries. Grows 8 to 10 feet tall. A valuable shrub for grouping and massing; very ornamental in winter when bark is blood red; foliage variegated in summer. Price, each 25c; 10 for \$2.00. Postpaid 30c each.

**Daphne.** GARLAND FLOWER. One of the earliest shrubs to bloom and very valuable on that account alone. Of upright growth, 2 to 3 feet high, blooming in April to May. Showy red flowers succeeded by pretty crimson colored fruits. A very handsome shrub that is rarely seen. If you want something odd and unusual, plant one or more of them in your yard. Price, each 25c. Postpaid 30c each.

**Deutzia Fortunei.** A very desirable shrub of strong, hardy growth, with nice luxuriant foliage and bearing an abundance of beautiful racemes of double, white flowers. Must be seen to be appreciated. There is nothing in the list of hardy shrubs that gives better results for planting masses or groups on the lawn. Extremely hardy, of easy culture, thriving in almost any well-drained soil. Blooms in June. Sometimes called Snow-flower. See illustration on this page. Price, each 25c; 10 for \$2.25. Postpaid 30c each.

**Deutzia Lemoinei.** This variety forms a small dwarf shrub with spreading branches, usually growing about 3 feet tall. Leaves bright green, 2 to 3 inches long; flowers pure white, in large clusters or panicles. Of vigorous growth, very free flowering and of easy culture.



Clethra.

**Forsythia.** GOLDEN BELL. See illustration on page 48. Few, if any, of the spring flowering hardy shrubs can surpass the splendor and brilliancy of the Forsythia. Both the grace and beauty give them a prominent place in all shrub plantations. Of upright, vigorous growth; foliage rich dark green and lustrous. Flowers brilliant golden yellow, borne in great profusion early in April, before the leaves appear. The beauty and easy culture recommend this fine shrub for general culture. Price, 25c each. Postpaid 30c each.

**Weeping Forsythia.** DROOPING GOLDEN BELL. (Forsythia Suspensa.) See illustration on page 45. A graceful shrub with long and slender drooping branches. Leaves dark green and lustrous, persisting until heavy frost. The beautiful flowers come in great profusion are golden yellow and very showy. Grows about 8 to 10 feet tall. Very odd and interesting and one of the showiest shrubs in cultivation. Price, each 25c. Postpaid 30c each.



**ORNAMENTAL SHRUBS.** —Continued.

**Fringe Tree, Purple.** (*Rhus Cotinus*.) This is the beautiful Mist or Smoke Tree. One of our handsomest shrubs, growing to treelike proportions in favorable locations. Its loose, graceful drooping panicles of purple flowers are quite fragrant, and borne in fringing clusters above very large, deep green leaves of thick, leathery texture, giving the bush an appearance of purplish smoke; hence the name "Smoke Tree." In autumn the foliage turns to shades of reddish brown. Blooms in June. A very pretty and useful shrub. Price, each 25c. Postpaid 30c each.

**Fringe Tree, White.** (*Chionanthus*.) A very desirable tall growing shrub. Foliage dark green, turning yellow in autumn. Flowers pure white, in loose drooping panicles, appearing in May and June, followed by small, plum-like berries of bluish color. When in blossom, the tree appears as if it were festooned with the most delicate white lace. There is no other hardy shrub resembling it and yet it harmonizes well with other planting. It is free from insects or fungus attacks and its luxuriant, dark and handsome foliage gives it a touch of elegance not contributed by the ordinary shrub. It should be used extensively in border plantings as well as for single specimens on the lawn. A handsome free-flowering tree that thrives best in moist loamy soil. Price, 12 to 18 inches high, each 20c; 10 for \$1.75. Postpaid 25c each.

**Globe Flower, Double.** (*Kerria*.) A graceful shrub from Japan, with long, slender branches clothed with peculiarly rough, sharply cut foliage, bright green in summer and fading yellow in autumn. The double, brilliant golden flowers are born in profusion throughout the summer. A handsome shrub, growing 4 to 5 feet tall, of spreading habit with drooping branches. Of strong, vigorous growth, making it valuable for producing immediate effect in the shrubby border. A charming plant, worthy of a place in any garden. Hardy, but benefitted by protection from cold winds in severe climates. Each 30c. Postpaid 35c each.

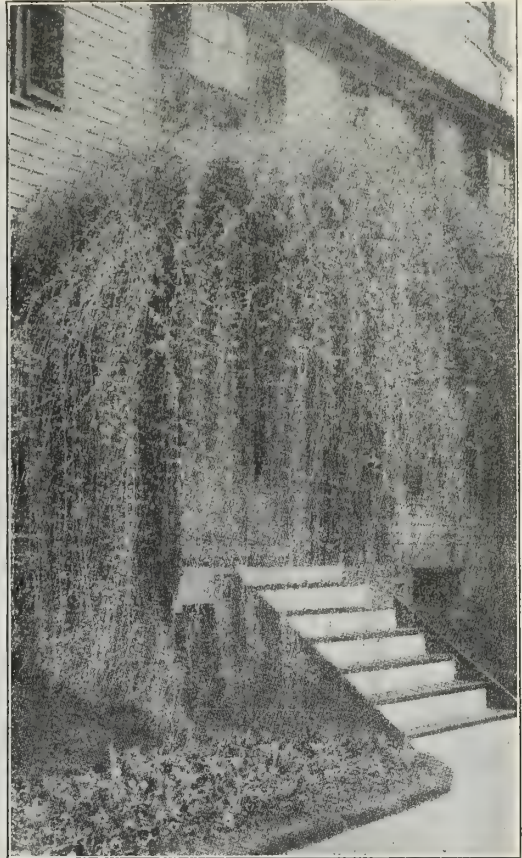
**Globe Flower, Single.** Also called Japanese Rose. The plant is of same habit of growth and otherwise identical with the double flowering variety described above, but the flowers are single, bright yellow and very showy. They appear in great abundance in April, and at intervals during the entire summer. A decidedly pretty shrub growing 4 to 7 feet tall, with bright green, finely toothed foliage. Very effective and used extensively for cut flowers. Each 35c for 3 to 4 feet plants. We have no small plants to go by mail.

**Golden Elder.** (*Sambucus Aurea*.) A variety with golden yellow foliage. A valuable plant for producing contrast when planted with other shrubs. Grows to a height of about 6 feet, and is of vigorous, spreading habit. In early summer it bears large, flat clusters of small fragrant white flowers, followed by heavy clusters of black, edible berries, borne in profusion and bearing the branches down. Should have full sun to give best effect. Grows well on all soils and can be pruned into a neat compact little bush. One of the best golden foliage shrubs. Each 25c. Postpaid 30c each.

**Variiegated Leaved Elder.** This variety is similar in growth to the golden Elder described above. The foliage is mottled with yellow and white; one of the best variegated leaved shrubs. In flower and fruit it is also similar to the above. Each 25c. Postpaid 30c.

**American Elder.** (*Sambucus Canadensis*.) The Common Elder Berry. A tall shrub with stout stems filled with white pith. The small white flowers come in large flat-topped cymes, fragrant, opening in early summer. Fruit black, very profuse, ripening in August and September. Very showy and deserving of more extended cultivation. Grows 6 to 8 feet tall. The berries are highly esteemed for cooking and in the making of cordials. In many parts of Europe they are grown for the purpose of making wine, and are said to be of great value for medicinal purposes in cases of stomach disorder. Each 15c; 10 for \$1.35. Postpaid 20c each.

**Highbush Cranberry.** (*Viburnum Opulus*.) A magnificent large shrub, with upright and spreading form. The leaves are broad-oval, three-lobed and bright green. The small white flowers, which appear in early summer, are borne in broad, flat clusters surrounded by a ring of large, sterile flowers. These are followed by very showy scarlet berries, which cling to the bush all winter, as they are not disturbed by the birds. It will thrive and grow to perfection in the coldest climates or where the extremes of heat and cold are the greatest. It requires no protection in winter, and in May or June it bears its glorious large, showy flower-clusters in such profusion that it commands the attention of every one. In winter it is almost as effective, with its great masses of brilliant fruit. Each 25c; 10 for \$2.25. Postpaid 30c each.



Weeping Forsythia. (Page 44.)



Purple Fringe.



## ORNAMENTAL SHRUBS. —Con.

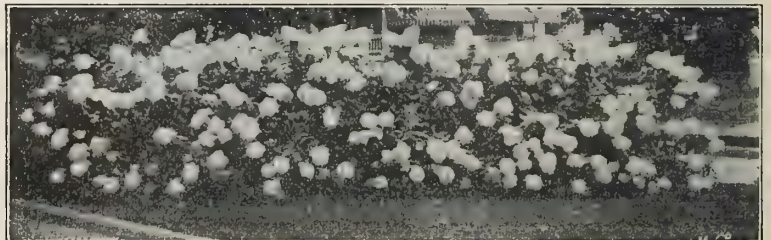


Tree Hydrangea.

well known Snowball shrub. Its hardiness and vigor have been well tested in all parts of the country, and it has been found well adapted to this part of the country and all western states. Each 40c; 10 for \$3.50. Postpaid 45c each.

**Mahonia.** (*Mahonia Aquifolium*.) THE HOLLY-LEAVED BARBERRY OR ASHBERRY. A very handsome ornamental evergreen shrub of medium height, with shining, prickly leaves and showy, bright yellow flowers in May, succeeded by bluish berries. Its handsome, deep green, glossy foliage and neat habit render it very popular for decorative planting. Very effective for planting in hedge form around the house or in groups as well as single specimen. Late in fall the foliage assumes a bronze or coppery hue. Thrives well in partial shade. Hardy, but benefitted by protection in severe climates. 2 year old plants, 15 to 18 inches high, each 25c. Postpaid 30c.

**Japanese Quince.** (*Cydonia*.) Also called Firebush. (See illustration on page 47.) Very showy and one of the earliest shrubs to bloom, the flowers appearing before the leaves are fully developed. The brilliant scarlet flowers gleaming like red-hot coals. Fruits about two inches in diameter, yellowish-green, and of aromatic fragrance. Invaluable for border or garden planting, and make beautiful informal or clipped hedges. As a harbinger of spring the Japan Quince deserves a prominent place on the lawn, where its bright red flowers can be seen to advantage. Sometimes, when snow may be seen in sheltered corners, this shrub will put forth its brilliant flowers, glowing like living coals of fire. Very hardy, easily transplanted, and will thrive in almost any well-drained soil. Each 25c; 10 for \$2.25. Postpaid 30c each.



Hydrangea Paniculata Grandiflora.

**Honeysuckle, Upright Red Tartarian.** (*Lonicera Tatarica*.) The best known of all the Bush Honeysuckles and in our estimation the finest variety of all. Grows to a height of 8 to 10 feet with upright somewhat spreading branches and bright green foliage. The flowers are borne freely in May and June, are of bright pink color, followed by showy red berries, which ripen in midsummer, and cling to the bush for several weeks. This fine shrub is of great value planted as a background for smaller shrubs or in a commanding position where their size will make them conspicuous. It is one of the best shrubs for northern latitudes, as it withstands successfully the severest winters. Each 25c; 10 for \$2.25. Postpaid 30c.

**Hydrangea Paniculata Grandiflora.** The large flowering Hydrangea. Without question, the most popular of the Hydrangeas, as well as one of the showiest of all shrubs. The flowers are borne in immense pointed clusters, nearly a foot in length, creamy white when fully expanded, and continuing in bloom for a long time. Later the huge flower-heads change to tones of rose and bronze where exposed to the sun. The bush grows 4 to 6 feet tall. Unsurpassed for the lawn, for hedges, parks or cemetery planting, either in groups or as single specimen plants. Wherever large masses of white flowers are desired in landscape planting the best shrubs for the purpose is the Large-flowered Hydrangea. Each 25c; 10 for \$2.25. Postpaid 30c each.

**Hydrangea Paniculata Grandiflora in Tree Form.** These are 4 to 5 feet trees with good stems and splendid crowns. They are very effective for the lawn or park; or planted along the sidewalk or driveway, about 10 feet apart, they make a most beautiful sight when in full bloom. Just as free flowering and showy as the bush form and fully as hardy. The accompanying illustration shows one of our trees in full bloom. Plant one or more of these beautiful trees and you can show your neighbors and friends something extra nice and not commonly seen. Price for 4 to 5 feet trees 75c each; 10 for \$6.50. These trees cannot be sent by mail.

**Hydrangea, American Everblooming. THE SNOWBALL HYDRANGEA.** This new Hydrangea is the most beautiful hardy shrub introduced in the last twenty years. The plant, which attains a height of 5 or 6 feet, with nearly the same breadth, is of far more graceful habit than the old form; with large trusses of beautifully formed flowers of dazzling whiteness, rendering this a plant of peerless beauty. The flowers are very full and round as a ball, resembling the flowers of the



## ORNAMENTAL SHRUBS. —Continued.

**Lilac, Persian Purple.** The old-fashioned Lilac, which grows into a very high bush with bright green, heart-shaped leaves. In May the plant is crowned with its wondrous wealth of light purple flowers in clusters. It is, without doubt, the best known and most popular shrub grown, and notwithstanding the introduction of so many new flowering shrubs of late years, the Lilac holds its own. A fine tall shrub for the lawn and one of the best for a fancy hedge. Can be used to good advantage in making effective backgrounds for smaller shrubs. Hardy everywhere. Each 25c; 10 for \$2.25. Postpaid 30c each.

**Lilac, Persian White.** This is substantially the same as the Persian Purple, save in the color of its flowers, which are pure white. In May it forms one of the most charming sights the garden affords, with its handsome clusters of exquisitely fragrant flowers, shining out in contrast with the bright green, heart-shaped leaves. Each 25c; 10 for \$2.25. Postpaid 30c each.

**Lilacs in Tree Form.** We can furnish the above two varieties in Tree-form, grafted 3 to 4 feet high. Very fine for the lawn or park, or may be planted along the sidewalk or driveway. Showy and something not usually seen. Price for 3 to 4 feet trees 50c each; 10 for \$4.50. Can not be sent by mail.

**Mock Orange or Syringa.** (Philadelphus.) A hardy, upright growing shrub with arching branches, attaining a height of 8 to 10 feet. Flowers are large, creamy-white, deliciously fragrant, and appear in greatest profusion in May and June; splendid for cut-flowers. Hardy everywhere and valuable for the production of immediate effect in landscape planting. Fine for hedges. The Mock Orange is one of the old-fashioned shrubs that add beauty, grace and perfume to our gardens. Each 25c; 10 for \$2.25. Postpaid 30c each.

**Oleaster.** (Elaeagnus Longipes.) An oriental shrub with handsome foliage and numerous yellowish white, fragrant flowers. The fruit is red, borne on slender stalks and ripening in midsummer. When small, the berries are handsomely dotted with brown. Fruit is of a decidedly acid flavor and is prized by many for making jelly, jam, etc. It is a wonderfully strong and thrifty bush and of great value for producing immediate effect. Grows to a height of 6 to 8 feet. Each 25c. Postpaid 30c each.

**Privet or Prim.** (California Ligustrum.) A well known shrub of rapid growth, with bright green shining leaves, almost evergreen foliage. Used extensively for hedges, as it is compact in form and can be trimmed to any desired shape. Flowers are inconspicuous, appearing during June and July. See also under hedge plants on page 40. Large plants, each 25c. Postpaid 30c each.

**Prunus Triloba.** DOUBLE FLOWERING PLUM. A very hardy small tree of the Plum family, one of the finest, hardy, spring-blooming shrubs in cultivation. Early in the spring before its leaves appear the whole tree is decked in a fleecy cloud of very double, light pink blossoms. Can be grown in bush form if desired. As a single plant for the lawn it is very effective, and also a good shrub to plant in groups with other shrubs. Each 35c. Postpaid 40c.

**Spirea.** MEADOW SWEET. All varieties bloom with the greatest freedom, making them indispensable for ornamental purposes. A good collection of them will give flowers all through the season. All the species are very hardy, easy to grow in many soils and situations, and will be found useful for specimens, groups, screens, borders, ornamental hedges, etc. We grow the following 4 varieties, which comprise the best of all Spireas.



Japanese Quince. (Page 46.)



Spirea Van Houtti.

**Spirea Van Houtti.** (Bridal Wreath.) The grandest of all spireas. Very beautiful for the lawn. When in bloom it is a perfect fountain of white blossoms, the foliage hardly showing. Perfectly hardy and vigorous grower. A very good plant for a fancy hedge. Grows 4 to 5 feet high, and blooms in early June. Each 20c. Postpaid 25c.

**Spirea Billardi.** Rose-colored flowers in large spikes, blooms nearly all summer. Very pretty and showy and splendid for cut-flowers. Grows 4 feet high. Each 25c. Postpaid 30c each.

**Spirea Thunbergii.** (Snow Garland.) A Japanese variety of medium size, with narrow delicate leaves and a profusion of small white flowers in early summer. One of the best. Leaves narrow, bright green, turning in autumn to brilliant shades of orange and scarlet. Grows to a height of 3 to 4 feet. Each 25c. Postpaid 30c each.

**Spirea Anthony Waterer.** This beautiful variety produces flowers of a bright crimson and blooms so freely that it may be kept flowering throughout the summer till late fall by trimming away the dead blooms. The foliage also is very handsome being variegated with creamy white or yellow. Each 25c. Postpaid 30c.



## ORNAMENTAL SHRUBS.—Continued.



Waxberry.

**Trailing Periwinkle.** (*Vinca Minor.*) A hardy evergreen shrub or more properly called a vine, trailing close to the surface, forming a dense mat, thriving under trees, where grass will not grow; useful for binding the soil in slopes, to prevent washing, for covering graves, where the blue flowers contrast finely with the glossy green foliage. Perfectly hardy. Each 15c; 10 for \$1.25. Postpaid 20c each.

**Weigelia or Diervilla.** No shrub in our collection has attracted more attention. It is of robust but graceful growth, 5 to 7 feet high and produces immense numbers of superb, trumpet shaped flowers, from June until fall. Plants frequently have more flowers than leaves. We list the following four varieties:

**Weigelia, Eva Rathke.** A new variety from Germany and probably the best and finest of all Weigelias. Flowers are of brilliant crimson color, a beautiful and distinct shade. Blooms nearly all summer and when in full bloom the whole plant fairly glows with color. On September 27th our Eva Rathke Weigelias were still in full bloom and the plants literally covered with their beautiful, intensely rich flowers. Grows 2 to 3 feet tall. 35c each. Postpaid 40c each.

**Weigelia Rosea.** An elegant shrub with beautiful rose colored flowers. Blooms from June until fall. It is erect in habit, with good foliage. Height 4 feet. Very hardy. Each 25c. Postpaid 30c each.

**Weigelia Variegata.** Leaves bordered with yellowish white, making the bush very conspicuous the entire season. Pink flowers. Each 25c. Postpaid 30c each.

**Weigelia Candida.** A very strong growing shrub, bearing in great profusion its pretty flowers of clear white. Each 25c. Postpaid 30c.

Sandy, Oregon, April 10, 1910.

My brother ordered a number of trees from you this spring and we were surprised and delighted with them. They were in fine condition, and the wonder of all who saw them. The P. M. and neighbors said it beat anything that ever came through the mail. They speak well for you, and prove that you make good.

MISS BERTHA EVANS.



Forsythia. (Page 44.)

**Snowball. GUELDER ROSE.** (*Viburnum.*) One of the favorites of old-time gardens and among the best known of all the flowering shrubs. It grows into a magnificent high bush with upright branches and handsomely lobed foliage. It forms one of the most impressive sights of early summer when its pure white, four-petaled flowers, borne in showy balls, are in bloom. We have a snowball bush on our farm, on which we counted over 800 blossoms at one time. Hardy everywhere, growing vigorously in almost any soil. Each 25c. Postpaid 30c each.

**Japanese Snowball.** (*Viburnum Plicatum.*) This is a very choice and most popular shrub, with much to recommend it and no objectionable features. The foliage is abundant and fine in summer and autumn, and its balls of pure white double flowers are borne in great profusion. Admirable as single specimens in limited areas, or in masses in the finest plantings. Very hardy. Each 35c. Postpaid 40c each.

**Snowberry or Waxberry.** (*Symphoricarpus.*) A desirable shrub with small pink flowers, followed by large white, wax-like berries, which hang on the plant through most of the winter. Grows to a height of 2 to 4 feet. Very showy and succeeds everywhere, of special value for planting in densely shaded places, where few other shrubs will grow. Each 25c. Postpaid 30c each.

**Sumac, Fern-Leaved.** (*Rhus Typhina.*) This remarkable variety of our native stag-horn sumac was found on the hills of Vermont. It is of rapid robust growth, producing showy cones of bright red fruit, the leaves are so beautifully formed that they rival the most delicate fern in their intricacy. For massing with other foliage shrubs the effect is very striking. It can also be cut to the ground each season if desired and a mass of the most beautiful foliage will result. This shrub will thrive on the poorest of soils with a surprising luxuriance. 2 to 3 feet plants, each 25c; 10 for \$2.00. Postpaid 30c each.

**Tamarix.** Very strong growing shrub with brown bark and slender, spreading branches. The foliage is as light and feathery as asparagus; flowers delicate and fringing, of bright pink color. Blooms in May or June and sometimes again in fall. Valuable for planting near the seashore or on the edge of sandy banks near fresh water. Will grow 6 to 8 feet high. Each 25c. Postpaid 30c each.

**Weigelia.** Very strong growing shrub with brown bark and slender, spreading branches. The foliage is as light and feathery as asparagus; flowers delicate and fringing, of bright pink color. Blooms in May or June and sometimes again in fall. Valuable for planting near the seashore or on the edge of sandy banks near fresh water. Will grow 6 to 8 feet high. Each 25c. Postpaid 30c each.



Weigelia.



## HARDY ORNAMENTAL CLIMBING SHRUBS.

Your home, out-buildings, fences and trunks of old trees can be made very attractive by the use of hardy vines. Such permanent improvements add greatly to the value of your property, and the value increases from year to year. We furnish nice, strong, field grown plants at prices given below.



Trumpet Vine.

A very pretty and odd climber. Blooms in June. Each 65c. Postpaid 75c.

**Boston Ivy.** (*Ampelopsis Veitchii*.) One of the finest climbers for covering walls, as it clings firmly to the smoothest surface, covering it evenly with overlapping leaves, which form a perfect mass of foliage. The color is fresh, deep green in summer, changing to bright shades of crimson and yellow in autumn. The handsomest vine possible for growing on house walls, especially the foundation and the first story, around the doors and windows. When once established it is quite hardy. Each 30c. Postpaid 35c.

**Chinese Matrimony Vine.** (*Lycium*.) A vigorous growing, hardy climbing vine that may be used anywhere that a vine is needed for training to trellis, fence or wall. The foliage is of a grayish green. The flowers which appear from June to September vary through shades of pink to purple. The fruit which follows is of a deep crimson and very showy. It is borne abundantly along the entire length of the branchlets. It is especially attractive in the fall when it is thus loaded with its bright fruits which contrast well amid the green foliage. The foliage remains fresh until severe frosts. Will grow in nearly all soils and in all climates. Each 25c. Postpaid 30c.

**Honeysuckle, Hall's Evergreen Japan.** (*Lonicera*.) See illustration on page 50. One of the best of the climbing Honeysuckles, and a free bloomer. Has oval, semi-evergreen foliage and fragrant yellow and cream colored flowers in constant succession. Grows to height of 12 to 15 feet. Excellent for covering trellises, rocks, dry banks, etc. Each 25c. Postpaid 30c.

**Honeysuckle, Red Coral.** A shrubby climber and one of the most satisfactory of all plants. The odd shaped foliage is showy and attractive and it produces its bright red, fragrant, trumpet-shaped flowers almost continuously. A splendid vine for porches. Grand for trellises and ground cover. Will thrive in almost any kind of soil, growing to a height of 10 to 15 feet. Each 20c. Postpaid 25c.

**Honeysuckle, Aurea.** A variety with beautifully variegated foliage. Flowers very fragrant, of creamy white color. In bloom from June till August. Each 25c. Postpaid 30c.

**Japanese Kudzu Vine.** JACK-AND-THE-BEAN-STALK VINE. (*Pueraria*.) The most remarkable rapid growing hardy perennial extant. In rich soil the plant will grow 70 feet in one season. Starts into growth slowly, but after three or four weeks grows almost beyond belief. Leaves in shape like Lima Beans dark green, soft and wooly. For porches, arbors, old trees, etc., we know of nothing its equal. The accompanying illustration gives some idea of the beautiful effect obtained by planting this climber. Strong field grown roots, 25c each. Postpaid 30c.

**Trumpet Vine.** (*Bignonia*.) A robust, woody vine, climbing high and twining tightly with numerous roots along its stems. Great leathery, trumpet-shaped flowers of orange-scarlet, clustering all the tips of the branches, bending them gracefully with their weight. In bloom nearly all summer. Extremely valuable for covering old stumps or walls; wherever a showy flowering vine is desired it will be found most useful and pretty. Each 25c. Postpaid 30c.

**Akebia.** A beautiful, hardy Japanese vine with unique, dainty foliage and chocolate-purple flowers of delightful fragrance in large clusters. The foliage is never attacked by insects and is nearly evergreen. Blooms in May. Its rapid growth makes it highly suitable for porches, trellises or running over walls and banks. Does best in a sunny location and well drained soil.

Price, each 35c. Postpaid 40c each.

**Ampelopsis Engelmannii.** A new variety of Woodbine which has long been desired. It has shorter joints and very much smaller and thicker foliage. It also is better equipped with tendrils by which it will climb walls of stone or brick as closely as the Boston Ivy. This variety has proved itself perfectly hardy in Minnesota, and we have no doubt but that it will occupy the same place in the North and West that the Boston Ivy does in the East. Will grow in almost any soil and withstands drought and heat well. Each 25c. Postpaid 30c.

**Aristolochia.** (*Dutchman's Pipe*.) Derives its name from the peculiar shape of its flowers, which resemble the old fashioned Dutch pipes. It is one of the most rapid climbers in use. Does best on the north side of houses where the full force of the noonday sun does not strike it. This is an extremely desirable feature, however, as it fills locations where most other vines are not a success.



Japanese Kudzu Vine.



**HARDY ORNAMENTAL CLIMBING SHRUBS.—Continued.****CLEMATIS.**

Beautiful free flowering vines with showy flowers. They are well adapted for training on porches, balconies and trellises, or for covering walls, fences and arbors. A loamy, fertile soil suits them best and to secure the best results the ground should be enriched frequently. We can furnish the following best varieties, all 2 year old, strong field grown plants:

**LARGE FLOWERING CLEMATIS.**

**Jackmanni.** The well known large flowering blue clematis. The beautiful flowers, when fully expanded, measure 4 to 6 inches in diameter, intense violet-purple with a rich velvety appearance, distinctly veined. It blooms continually from July until cut off by frosts. Plant is hardy, abundant and successful bloomer. Each 50c. Postp'd 60c.

**Henryi.** This is the finest of all large flowering white clematis, and should find a place in every collection. It is not only a vigorous grower, but a remarkably free and continuous bloomer, beginning with the earliest and holding on with the latest. Flowers large, of a beautiful creamy-white, with reddish-chocolate anthers. A very desirable variety. Each 50c. Postpaid 60c.

**Madame Edouard Andre.** Has been called the crimson Jackmanni. The plant is a strong vigorous grower, and very free in bloom. The lovely flowers are large and of distinct crimson red color. Distinct from all other varieties. Each 50c. Postpaid 60c.

**Ramona.** One of the most desirable of the large flowering clematis. The large, beautifully formed flowers are of a deep rich lavender, a very pleasing and unusual color. The plant is a vigorous grower and perpetual bloomer. A decided acquisition to this class of Clematis and a plant that everyone will want. Each 50c. Postpaid 60c.

**SMALL FLOWERING CLEMATIS.**

**Coccinea.** Scarlet Bell-flower Clematis. A beautiful and graceful climber, with broad, green leaflets and very pretty flowers of intense scarlet color. Blooms freely in June and throughout the summer. The plants are healthy and will stand drought quite well. Each 35c. Postpaid 45c.

**Paniculata.** The small flowering, sweet scented Japan clematis. One of the most vigorous and beautiful of all climbers. It is a rapid grower, and desirable wherever a quick growing vine is needed, on walls, verandas, fences, etc. In late summer it produces dense sheets of medium sized, pure white flowers, of the most pleasing fragrance. Will grow in almost any soil, and is entirely free from blight and insects. Each 30c. Postpaid 40c.



Japan Honeysuckle. (p 49.)

**Maderia Vine.** Also called Migonette Vine and Mexican Vine. A beautiful, tuberous rooted climber, with glossy green leaves and handsome racemes of fragrant white flowers. The vines make a rapid growth, and a few plants will cover a trellis or cottage wall in a single season. Will grow anywhere without care. Strong roots, each 5c; 12 for 50c. Postpaid, each 10c; 12 for 75c.

**Cinnamon Vine.** (Dioscorea.) This beautiful climber possesses the rare quality of emitting from its flowers the delightful odor of cinnamon. Perfectly hardy, the stem dying down every autumn, but growing again so rapidly as to completely cover any trellis or arbor very early in the season. With its beautiful heart shaped leaves and clusters of delicate white flowers it is a most desirable climber. Strong roots, 10c each; 10 for 75c. Postpaid 15c each.

**Virginia Creeper.** WOODBINE. (Ampelopsis Quinquefolia.) A strong, rapid grower; foliage large, dark green; in autumn bronze and crimson. This is an old favorite and valuable for covering back porches, out-buildings, arbors, etc. Perfectly hardy everywhere and will grow in any soil and situation. Each 15c. Postpaid 20c.

**Wistaria, Chinese Purple.** This variety bears in great profusion large drooping clusters of purple pea-shaped flowers, somewhat resembling a bunch of grapes in size and form. Blooms in May and June and sometimes again in the fall. Foliage is very pretty, of pale green color. An exceedingly beautiful and useful climbing plant that may also be trained to tree form. Each 25c. Postpaid 30c.

**Wistaria Alba.** A form of the above, but flowers are pure white, in large drooping racemes. Each 40c. Postpaid 45c.

**DO NOT OVERLOOK OUR SPECIAL 25th ANNIVERSARY OFFER OF FINE NURSERY STOCK ON PAGE 64.**



Clematis Jackmanni.



Wistaria.





## ROSES.

The Rose, the Queen of the Flowers, is justly one of the most popular. Few plants give better satisfaction to the lover of beautiful flowers, when properly treated. To obtain the most satisfactory results, roses should be planted in well drained, rich, deep loamy soil, and given a location where they will have sunlight and a circulation of air. For winter protection an application of compost or rotten manure should be given them in the late autumn, and spaded into the ground the following spring. All our roses are 2 year old, field grown plants, about 2 to 3 feet high and well rooted. We have no small greenhouse grown stock.

### HARDY EVERBLOOMING HYBRID TEA ROSES.

The varieties we give below are all free bloomers and excellent for cutting purposes. While they are hardy and will withstand ordinary freezing weather, we advise a protection of straw or litter of any light character during the winter. These roses are suitable for garden or house culture. In our nursery, in the open field, the Kaiserin, Gruss an Teplitz and Maman Cochet withstood our hot dry summer extremely well and bloomed profusely all through the summer and fall.

**Duchess of Albany.** Exceedingly free blooming. The well shaped flowers are of a rosy pink color and of sweet fragrance. A rapid, healthy grower and hardy. Each 25c; 10 for \$2.25. Postpaid 30c each.

**Etoile de Lyon.** A very free blooming and excellent bedding rose. Flowers large and full, of golden yellow color, and fragrant. Each 30c; 10 for \$2.75. Postpaid 35c each.

**Gruss an Teplitz.** One of the brightest colored roses grown. When first opened it is a dark, rich crimson, quickly changing to a bright scarlet. Blooms continually; flowers good size and delightfully fragrant. It is the rose for everybody, succeeding everywhere. Each 35c; 10 for \$3.25. Postpaid 40c each.

**Kaiserin Augusta Victoria.** The finest white everblooming hardy garden rose. Soft pearly white, lightly tinted with lemon in the center, just enough to relieve the white. Remarkably fragrant, buds and open flowers of elegant form. The plant is a strong grower, blooms freely, and the flowers are carried on long stiff stems. Best roses for garden and house. Each 30c; 10 for \$2.75. Postpaid 35c each.

**Killarney.** See illustration on page 52. This beautiful new rose is unquestionably the finest pink, hardy ever-blooming tea rose introduced. Blooms large, full and of exquisite shade of bright shell pink. Fragrant and handsome. The bush is strong and upright, with beautiful deep bronze-green foliage; very free blooming. Each 35c; 10 for \$3.25. Postpaid 40c each.

**La France.** Beautiful form in bud and in full bloom. Very large, full and globular; a constant bloomer. Color pink or silvery-rose. Very fragrant, hardy. Each 30c; 10 for \$2.75. Postpaid 35c each.

**White La France.** Identical with La France except color. It is pearly white, with sometimes tinted fawn. The plant is a strong grower and free bloomer. Each 30c; 10 for \$2.75. Postpaid 35c.

**Maman Cochet.** See illustration at top of this page. The best pink garden rose. In the open ground it quickly makes a strong bush, producing on long stiff stems, in wonderful profusion, flowers that are perfect. The buds are beautiful, large, full and firm, elegantly pointed, while the open flowers are extra large, and perfectly double. The color is clear rich pink, changing to silvery rose. Blooms all the time. Each 30c; 10 for \$2.75. Postpaid 35c each.

**Wm. R. Smith.** Whether you live East, West, North or South, whether you wish one rose or 1000, here is a rose which has our unqualified endorsement. It will thrive abundantly in almost any reasonable location. The flowers are large, full and double and most exquisitely formed. The petals are so firm they look like wax, softly curled, colored cream with flesh tint tips, and the center a heart of pink. Perfect buds. The flowers are borne on long, strong stems, just right for making bouquets. Fragrance is delightful. Very hardy. Each 30c; 10 for \$2.50. Postpaid 35c each.

**Mlle. Franciska Kruger.** A favorite rose for the garden and the most satisfactory variety in its color. The coloring is strikingly handsome, a blending of deep yellow with coppery-yellow and buff shadings. Fine buds and splendid flowers which remain in condition a long time. Each 35c; 10 for \$3.00. Postpaid 40c each.



Kaiserin Augusta Victoria.



## HARDY HYBRID PERPETUAL ROSES.

These hardy roses combine hardiness, vigor of growth and size of flower with great variety. They are very popular and the most useful of all roses. While called "Perpetuals," they are not such constant bloomers as the Everblooming Tea Roses. Particularly valuable for beds or borders in the northern or middle states. If you like roses set out a row or two of these and you will be well repaid. Plants should be set 15 to 20 inches apart. We furnish field grown, 2 year old, well rooted plants.

**Snow Queen.** (Frau Karl Druschki.) The finest snow white hardy hybrid perpetual rose. Pure white, large, long pointed buds of first class form. The open flowers are very large, perfectly double and delightfully fragrant, petals shell-shaped. A continuous free bloomer. At last we have in this class a rose of purest snow white, whose desirability and value we could not possibly overstate. This is, in our opinion, the greatest new rose that has been introduced in many a year, if it is not today the greatest of all roses. Certainly no other white rose can begin to compare with it. An exceedingly strong grower and very hardy. Extra nice 2 year old plants, each 30c; 10 for \$2.75. Postpaid 35c each.

**Soleil d'Or.** (Golden Sun.) Yellow is the one desirable color that has been lacking in hardy roses. This new rose is the result of a cross between Persian Yellow and Antoine Ducher. It is a fine strong grower, producing superb, conical shaped buds varying from gold and orange-yellow to reddish gold, shaded with nasturtium red. The flower is very full, large and globular, the petals in the center being well incurved. It is a robust, vigorous grower, with brownish wood and beautiful bright green foliage. Should have a place in every garden. This rose must be trimmed less severely than other varieties of this class. Each 35c; 10 for \$3.00. Postpaid 40c each.

**American Beauty.** This rose has become as famous as the Marechal Niel. It is a hardy rose of the largest size, having the everblooming qualities of the tea rose, with the delicious odor of the damask or moss rose. It is the sweetest of all roses. In color it is a deep brilliant red, shading to a rich carmine-crimson. It is entirely hardy, and is a valuable rose for the garden or indoor culture, flowering freely during the winter. Each 35c; 10 for \$3.00. Postpaid 40c each.

**Clio.** A rose of perfect form, with broad, thick petals, high, full center; beautiful from pointed bud to fully opened flower. The color is a delicate satiny blush, with slightly deeper center. The plant is strong and blooms freely, displaying its great flowers boldly on good stems against large, rich leaves. Each 25c; 10 for \$2.25. Postpaid 30c each.

**General Jacqueminot.** A rich, velvety-crimson, changing to scarlet-crimson. This is the best known of all hybrid perpetuals, and is without a rival in fragrance and richness of color. As easy of cultivation as many of the more common varieties and perfectly hardy. Does well anywhere and blooms freely. Also adapted for growing in the house. Each 25c; 10 for \$2.25. Postpaid 30c each.

**Paul Neyron.** The largest rose in cultivation, sometimes called the Paeony Rose. Color bright, fresh cerise-red. Flowers are very double and full, delightfully fragrant. The plant makes a strong, healthy growth, and has clear, glossy foliage. Blooms almost without intermission from June until late October. Each 25c; 10 for \$2.25. Postpaid 30c each.

**Prince Camille de Rohan.** Deep velvety crimson-maroon, large, moderately full. One of the darkest in cultivation, and a splendid rose. A good bloomer and very hardy. At a distance the beautiful, fragrant large, deep, double flowers appear black. A wonderful rose. Each 25c; 10 for \$2.25. Postpaid 30c each.

**Rhea Reid.** A free-flowering variety, with brilliant crimson scarlet, full, double flowers of good form. It is of American origin, and was exhibited in the Bagatelle Gardens, Paris, during the season of 1908, where, in competition with eighty four varieties submitted by growers from all parts of the world, it was awarded the grand prize, a gold medal. The finest real dark red, hardy hybrid perpetual rose. Each 40c. Postpaid 45c each.

**Souvenir Du President Carnot.** Unquestionably the finest rose of its color introduced in a decade. The growth is vigorous, the foliage dark green and very handsome, but the glory of the variety is in its flower. It is very large, both in the bud and in the expanded flower, double to the center, and opens beautifully. The coloring is a rosy-flesh, very soft in the center, and shaded lighter at the end of the petals. A splendid hardy garden rose. Each 30c; 10 for \$2.50. Postpaid 35c each.

**Ulrich Brunner.** A superb rose; a seedling from Paul Neyron. Extra large, bold flowers; full and globular; petals large and of good substance. Color rich, glowing cherry, elegantly lightened with scarlet. Very fragrant. The plant is of vigorous, healthy growth and blooms freely. One of the best and finest hardy roses for the garden. Very effective when planted in masses. Each 25c; 10 for \$2.25. Postpaid 30c each.



Killarney.  
(Page 51.)



General Jacqueminot.

DO NOT OVERLOOK OUR SPECIAL 25th ANNIVERSARY  
OFFER OF FINE NURSERY STOCK ON PAGE 64.



## SUMMER ROSES.

Also called Austrian Roses.

The roses of this specie are summer or spring bloomers, but they flower so profusely and their rich coloring is so intense that they deserve a place in all collections. These roses bear on the terminals of a preceding year's growth, and pruning must be done just after blossoming.

**Madame Plantier.** Flowers pure white, large, full and double; produced in great abundance early in the season, hardy. Suitable for cemetery planting. Each 20c; 10 for \$1.75. Postpaid 25c each.

**Persian Yellow.** The hardy yellow rose of our mother's garden. Perfectly hardy. Flowers semi-double, golden yellow color. Each 25c; 10 for \$2.25. Postpaid 30c each.

## MOSS ROSES.

Admired for the beautiful moss covering of the buds. The moss rose is strong and vigorous, perfectly hardy and very desirable for outdoor culture. Most varieties bloom but once in the season, but the flowers and buds are very large and handsome, remain in bloom a long time and are highly prized.

**Glory of Mosses.** Large flowers, of a pleasing rosy-red color. Each 25c; 10 for \$2.25. Postpaid 30c each.

**Henry Martin.** Flowers bright red. Fragrant and very mossy. Each 25c; 10 for \$2.25. Postpaid 30c each.

**White Moss.** Pure white, beautifully formed flowers. Each 25c; 10 for \$2.25. Postpaid 30c each.



Soleil d'Or. (Golden Sun.) Page 52.

## TREE ROSES.

These are grafted on hardy rose stalks 4 to 5 feet high, are tree shaped, and when in full bloom are fine objects of beauty, making handsome plants for the lawn, or as border plants along the sidewalk or driveway. They are coming into popular favor and at the low price we are offering them this year everyone can set out a few of these pretty tree roses in his yard or on the lawn. **TREE ROSES CANNOT BE SENT BY MAIL.**

**Crimson Rambler Tree Roses.** No other rose is so well adapted for growing in tree form. The branches droop gracefully and reach nearly down to the ground, thus forming a regular weeping tree. Each 80c; 10 for \$7.50.

**Hybrid Perpetual Tree Roses.** These hardy and free blooming roses we have in the following colors:

RED, PINK and WHITE. Price, 80c each; 10 for \$7.50.

**Yellow Hybrid Perpetual Tree Roses.** We offer a limited quantity of these beautiful roses, true to color. Each \$1.00; 10 for \$9.00.

**Baby Rambler Tree Roses.** A most attractive novelty in hardy roses. Budded on strong, straight stems four feet high; the round bushy Baby Rambler is at all times a perfect mass of crimson bloom. The most florescent of all tree roses, blooming continually until late in the fall. Price, 80c each; 10 for \$7.50.

**Everblooming Monthly Tree Roses.** We can furnish the following colors: RED, PINK and WHITE. Price, each \$1.00; 10 for \$9.00.

## BABY RAMBLER ROSES.

**Red Baby Rambler.** (Madame M. Levavasseur.) One of the best hardy bedding roses in existence. The plants are very vigorous and grow 18 to 24 inches high. The foliage is dark, glossy green and remarkably free from insects and fungus. The flowers are borne in clusters of 20, 30 or more to the cluster, in every way resembling the blossoms of the Climbing Crimson Rambler. It is perfectly hardy and blooms all the time indoors, and from May to November outdoors. Splendid for making a border. Each 30c; 10 for \$2.75. Postpaid 35c each.

**Pink Baby Rambler.** (Baby Dorothy.) In size, habit and growth and abundance of bloom just like the Red Baby Rambler except that the blossoms are beautiful bright pink of the Dorothy Perkins shade; grows about 20 inches high, with healthy foliage and blooms incessantly the whole Summer, frequently having 100 to 120 blossoms on a single bush. Each 35c; 10 for \$3.25. Postpaid 40c each.

**White Baby Rambler.** (Schneewittchen.) A beautiful little bedding rose, especially desirable for a border around beds of dark red or pink colored roses. Blooms all summer through with amazing freedom and fullness. Bushes candelabra shaped and each branch bearing from 15 to 50 little flowers, creamy white passing to snow white. Each 35c; 10 for \$3.25. Postpaid 40c each.

**Special Collection.** We will furnish one of each of the above three beautiful Baby Rambler Roses for only \$1.00 postpaid.



Tree Rose.



Baby Rambler.





Dorothy Perkins.

## HARDY CLIMBING ROSES.

As an ornamental plant for covering porches, side walls, pillars, fences, etc., they are unequaled, calling forth more admiration than anything else that can be similarly used. They require but little care and are very hardy. Our plants are all field grown, hardy, 2 year old stock, 2½ to 3 feet high.

**Baltimore Belle.** Flowers pale blush, nearly white, double, in large clusters. Blooms very freely. Plant is a strong grower and hardy. Each 20c; 10 for \$1.75. Postpaid 25c each.

**Empress of China.** This splendid rose will continue in bloom longer than any other climbing rose. When it first opens the flowers are a beautiful red, but soon turn to a lovely light pink, and it blooms so profusely as to almost hide the plant. Each 20c; 10 for \$1.75. Postpaid 25c each.

**Marechal Niel.** Flowers deep golden-yellow, extra large, of fine form and delightful fragrance. Is considered to be the finest yellow rose. Vigorous grower and free bloomer, often making shoots 20 to 30 feet high in a single season. The flowers remain in good condition for a long time after cutting. Not hardy in the North. Each 30c; 10 for \$2.75. Postpaid 35c each.

**Prairie Queen.** An old standby variety and very popular. Flowers bright red, globular, large and compact. Very strong grower. 25c each; 10 for \$2.25. Postpaid 30c each.

**Seven Sisters.** (Grevillea.) White and crimson, making it unique, as both white and crimson flowers may be seen on the plant at the same time. Blooms in large clusters. Each 25c; 10 for \$2.25. Postpaid 30c each.

## RAMBLER ROSES.

No class of roses has come into popular favor so rapidly as these. Of hardy, sturdy nature, a vigorous and quick grower, producing the lovely flowers in truly wonderful profusion. The flowers are borne in immense clusters, each one forming a nice bouquet in itself. Hardy everywhere.

**Crimson Rambler.** It is a vigorous grower, making shoots 10 to 20 feet high in a single season. Flowers glowing crimson and produced in immense panicles, covering the plant from top to bottom. Each 25c; 10 for \$2.25. Postpaid 30c each.

**Yellow Rambler.** (Aglaiia.) It is related to the crimson Rambler and, like it, blooms in large trusses. Flowers perfectly double, very fragrant and of light yellow color. Each 25c; 10 for \$2.25. Postpaid 30c each.

**White Rambler.** (Thalia.) Closely resembling the Crimson Rambler in vine and foliage. The flowers are pure white, fragrant, and remains on the plant a long time. Each 25c; 10 for \$2.25. Postpaid 30c each.

**Dorothy Perkins.** In general habit closely resembling Crimson Rambler, but of a beautiful shell-pink, full and double, of an unusually large size for a Cluster Rose. The trusses are made up of from twenty to forty flowers. We consider this to be the finest of all climbing roses. Each 25c; 10 for \$2.25. Postpaid 30c each.

## EVERGREEN MEMORIAL ROSES.

The Memorial Roses are of the most charming and unique beauty, very valuable wherever an absolutely hardy Climbing Rose is required, forming lovely objects in the garden while in bloom, and splendid for covering unsightly objects, for rock work, edging and screens.

**Wichuriana.** (White Memorial.) The plant clings closely to the ground, rapidly branching and covering any surface. The flowers appear in July and continue through the season, forming showy clusters of pure white blossoms. Single and of sweet fragrance. Entirely hardy everywhere. Used extensively in cemeteries, rock work, etc. Each 20c; 10 for \$1.75. Postpaid 25c each.

## RUGOSA OR JAPANESE ROSES.

A comparatively new class of Roses of great hardiness and beauty. They are vigorous growing shrubs, usually 4 to 5 feet tall, with deep green, more or less rugose foliage. They require very little pruning and thrive in almost any soil.

**Rugosa Rubra.** Plant grows 4 to 5 feet high and is very ornamental with its beautiful, large, glossy foliage, distinctly wrinkled. Blooms all season. Flowers single, very large, of a most beautiful bright rosy crimson, succeeded by large berries of a rich red color. Makes a beautiful low hedge. Price, 20c each; 10 for \$1.75. Postpaid 25c each.

## ENGLISH SWEET BRIAR ROSES.

**Eglantine Rose.** A stout, dense growing bush with glossy foliage which is very fragrant. The flowers are rather small, of lovely pink color, and exceedingly fragrant. Showy orange colored fruits in the fall. Hardy everywhere and excellent for hedges. Price for 2 year old plants, 20c each; 10 for \$1.75. Postpaid 25c each.

Price for 1 year old, strong plants, suitable for hedge, 10 for \$1.00; 100 for \$8.00. Postpaid 15c each.



Crimson Rambler.



## HERBACEOUS PERENNIAL PLANTS.

Perennials have never been so popular as they are at the present time. Their permanency appeals to all. They are planted once and are always there; living through the winter with little or no protection, the flowers become better as the plants grow older. Will grow well in any good soil, which may be enriched with decomposed manure or bone meal. The varieties we list are all perfectly hardy, the tops dying down in winter, but coming up again early in the spring. Our prices are for field grown plants.

### ACHILLEA. "THE PEARL."

The finest of all plants for cemetery planting. The plants grow about 15 to 20 inches high and are completely covered with double pure white flowers from July until frost. A fine cut flower. Its daintily formed, quite double flowers are borne in long stemmed, branching sprays so profusely as to give a refreshingly cool, airy effect through summer heat and late into fall.

Price, each 15c; 10 for \$1.25 postpaid.

### ACONITUM. AUTUMN ACONITE.

From September until pitiless cold the showy blue flowers of this species cluster on branching pyramidal spikes from 2 to 3 feet tall. One of our richest and freest blooming autumn plants. A valuable characteristic of these plants is that they grow well in shade, and thus may be planted under tall trees which protect them from frost, so that bright, perfect flower-spikes can frequently be gathered in November. Each 20c; 10 for \$1.75 postpaid.

### ANEMONE JAPONICA. JAPANESE WIND FLOWER.

These beautiful hardy plants are not appreciated as they should be. They make a magnificent garden show and furnish abundant cut flowers. They commence blooming in August and increase in beauty till heavy frost. We grow the following varieties:

**Whirlwind.** Flowers semi-double, pure white.

**Brilliant.** Beautiful dark red.

**Queen Charlotte.** Flowers very large, semi-double, color a soft pink.

Price, each 15c; 10 for \$1.25 postpaid.



Achillea, The Pearl.

### AQUILEGIA. COLUMBINE.

The Columbines have an established place in all old-fashioned gardens. Their curious forms and many pleasing shades of color, and the readiness with which they adapt themselves to all localities, have made them prime favorites. See illustration on page 56.

**Chrysantha.** The Golden Columbine. Flowers very numerous, 2 to 3 inches across, bright yellow. In bloom all summer. Height 3 to 4 feet. Easily grown in any good garden soil.

**Coerulea.** The true Rocky Mountain Columbine. An exquisite flower, with pale blue sepals and white petals. Grows about 1½ feet high and blooms from May to July.

**Vulgaris.** The well known garden columbine, in all shades of blue and purple. Very free blooming. Height 2 feet.

Price, each 15c; 10 for \$1.25 postpaid.

### ARTEMESIA PONTICA.

Beautiful plant for border or for filling in within the shrubbery. The foliage is silvery, deeply cut, and very ornamental. Splendid for a hedge, as the plants will stand trimming well. Grows readily in all soils. Height 15 to 18 inches. Each 15c; 10 for \$1.25.

### ASTERS. MICHAELMAS DAISIES.

These are among the showiest of our late flowering hardy plants, giving a wealth of bloom at a season when most other hardy flowers are past, and for best effect should be planted in masses of one color. They grow freely in any soil. See illustration on page 56.

**Multiflorum.** The plants form bushes 2 to 3 feet tall, literally covered with pretty little white flowers. Blooms September and October.

**Novae-Angliae.** NEW ENGLAND ASTER. This, the richest and gayest of our native Asters, has the largest flowers and is usually conceded to be the finest. It ranks "among the best of all hardy border plants." Its stout, leafy stems vary from 3 to 5 feet in height, and its beautiful violet-purple flowers appear from Sept. to Oct.

**Tartarica.** 2 to 3 feet high, free flowering. Blossoms large, of a lovely bluish color. Blooms in October.

Price, 12c each; 10 for \$1.00 postpaid.

### BOLTONIA ASTEROIDES. STARWORT.

Tall, bushy plants, producing an abundance of aster-like white flowers from August till September. Excellent for cut flowers and produces grand effects when planted in masses. The plants grow 3 to 4 feet high. This plant will grow readily in any garden soil and bloom very profusely. It is one of the good things in Perennial plants that is commonly overlooked.

Price, 15c each; 10 for \$1.25 postpaid.



Japanese Anemone,



## PERENNIAL PLANTS.—Continued.

## COREOPSIS.

One of the most popular hardy plants. The flowers are a rich golden-yellow, of graceful form and invaluable for cutting, in bloom from June until autumn; it succeeds everywhere. Height 1½ to 2 feet. A group of these plants furnishes an unending mass of rich glowing color for the garden and sheaves of long-stemmed flowers for the decoration of the home. The plants grow vigorously in any sunny situation.

Price, each 10c; 10 for 90c postpaid.

## CANTERBURY BELLS. (Campanula.)

An old time favorite, growing 2 to 3 feet high and bearing in great profusion very pretty bell-shaped flowers. The Campanulas give to our gardens exceedingly pretty flowers for almost every situation, moist or dry, sunny or shaded, and the flowers are produced even in summer drought. Valued for cut flowers. See illustration on page 58. Shades, blue, white and rose mixed.

Price, each 15c; 10 for \$1.25 postpaid.

## CHRYSANTHEMUMS.

We offer an assortment of hardy varieties. They flower profusely in October, after everything else in the garden has been killed.

They are excellent for cut-flowers and bouquets. Sure bloomers and satisfactory growers that should be included in all orders. They are the best autumnal flowers



New England Aster. (Page 55.)



Aquilegia. (Page 55.)

handed down to us from the old-time gardens, and the most resistant to frost and chilling winds. Even after several light falls of snow, in sheltered positions it is sometimes possible to cut uninjured clusters of beautiful flowers. The fine thick foliage makes a good screen or background, and their own blossoms spring into fullest beauty when the earlier flowers are gone. See illustration on page 58.

**Large Flowering Yellow.** Height 2½ feet. Very fine double flowers.

**Dwarf White.** Height 2 feet. Flowers medium size, very pretty.

**Tall White.** Height 2½ to 3 feet. Fine double.

**Large Flowering Pink.** Height 2½ feet. A splendid variety.

Price, each 12c; 10 for \$1.00 postpaid.

## DIANTHUS. SWEET WILLIAM.

These charming old-fashioned hardy plants are great favorites in every garden. Stems grow 12 to 18 inches high. Flowers are borne in greatest profusion, in large round-topped clusters. The Sweet William gives to flowery May masses of color as brilliant as any of our perennials. For 5 weeks or more their splendor lasts, then if the fading flowers are persistently cut away, fairly good fresh ones appear at intervals all summer. We offer both double and single flowered forms in a grand mixture. Price, each 15c; 10 for \$1.25 postpaid.

## DIGITALIS or FOX GLOVE.

An old-fashioned flower that should be planted in quantity. Succeeds under all conditions and furnishes a grand display during July and August. The flowers are very showy, thimble-shaped and borne close together on stalks from 3 to 4 feet high. For backgrounds and contrast among shrubbery it is a very fine plant. Grows well in a half shady position.

**Gloxiniaeflora Alba.** White. Fine for cutting.

**Gloxiniaeflora Rosea.** Rose colored, bright and showy.

Price, each 15c; 10 for \$1.25 postpaid.

## YUCCA FILAMENTOSA. ADAMS NEEDLE.

Tropical looking plant with long narrow leaves; remains green the entire year. Grows in clumps and throws up a flower stalk from 3 to 4 feet high, from which hang from 100 to 300 creamy white bell-shaped flowers. It blooms a long time. A fine plant for the lawn or cemetery.

Price, each 12c; 10 for \$1.00 postpaid.



Coreopsis.



**PERENNIAL PLANTS.—Continued.**

Bleeding Heart.



**DICENTRA.**

**BLEEDING HEART.**

Bleeding Heart, the popular name of the Dicentra is derived from the curious heart shaped blossoms, with the drop of blood below. These fine hardy perennials were great favorites in the old gardens. Fine for the border or margins of shrubbery. In the early

spring the plants bear beautiful heart shaped flowers of light red color. The stems grow 12 to 18 inches high, with abundant deeply cut leaves of light green color.

Price, each 15c; 10 for \$1.25 postpaid.

**DELPHINIUM. LARKSPUR.**

One of the finest sights of modern gardens is a good collection of blooming Larkspurs. They give us the greatest abundance of flowers and the utmost variety in tints and shades of blue during

June and July. The Delphiniums make good border backgrounds. Although the plants thrive in any good garden soil, a deep, rich loamy one, with sunny exposure, is best suited.

**Formosum.** Showy plants, growing 2 to 3 feet tall. Flowers deep blue with violet spurs. The stout stems are clothed with fine delicately cut leaves. Blooms persistently through the summer.

**Chinensis.** THE CHINESE LARKSPUR. A fine and sturdy old type, fascinating because of its many variations as well as for its beauty. The leaves are finely cut and fern-like, the flowers single or double and colors ranging from clear deep blue to creamy white. For about 10 weeks of midsummer it makes a grand display of bloom.

Price of above varieties, each 15c; 10 for \$1.25 postpaid.

**EULALIA. (Miscanthus.)**

Beautiful hardy ornamental grasses with handsome foliage and numerous feathery panicles 4 to 6 inches long. Will thrive in almost any kind of soil. The plants grow 3 to 5 feet tall and are among the best and most popular grasses for groups, bedding purposes or hedges. Splendid in corners of the house. See illustration on page 58.

**Lineatum.** The Striped Eulalia. The leaves are longitudinally striped with green and white. Very ornamental.

**Zebrina.** The Zebra Grass. Leaves are banded crosswise with green and light yellow. Remarkably brilliant and effective for hedges.

Price, each 15c; 10 for \$1.25 postpaid.

**FUNKIA. DAY LILY.**

**Lancifolia.** Narrow Leaved Day Lily. Hardy plant with lily-like flowers, forming dense clumps of foliage. The leaf-blades are 4 to 6 inches long. Flowers pale lilac, nodding, borne in long loose racemes. Height 18 inches. Blooms in August. They thrive well in deep soil in a half-shady position.

Price, each 15c; 10 for \$1.25 postpaid.

**HIBISCUS. ROSE MALLOW.**

Tall free-flowering hardy plants with remarkably large and showy flowers. Thrive in most loamy soils, producing throughout a long period numerous mammoth flowers, sometimes 6 to 8 inches across. Plants grow 3 to 5 feet tall. See illustration on page 59.

**Crimson Eye.** Flowers very large, creamy white with crimson center.

**Moscheutos.** Extra large flowers, light rose with purple eye.

Price, each 20c; 10 for \$1.75 postpaid.

**HOLLYHOCKS. (Althaea.)**

Among the very finest of old hardy garden plants the Hollyhock still holds a proud place and may be termed one of the great powers of July. It has the largest flowers and widest range of colors among tall garden plants. Flowers are very showy, produced in great abundance on long towering spikes. Height 6 to 8 feet. Blooming period June to August.

We have the DOUBLE WHITE, DOUBLE DARK RED, DOUBLE PINK, DOUBLE MAROON, DOUBLE YELLOW.

Price, each 15c; 10 for \$1.25 postpaid.

**STOKESIA. STOKES'S ASTER.**

This beautiful plant grows 1 to 2 feet high, and produces in great profusion showy Aster-like flowers from 4 to 5 inches across; it is of easiest culture, succeeding in any open position, used as a cut flower and for planting in masses in the hardy border. Each 15c; 10 for \$1.25 postpaid.



Stokesia.





Canterbury Bells. (Page 56.)

choicest and most beautiful of spring flowering plants. For vases and table decoration they are of the greatest value, lasting in water longer than any other flower we know. They are perfectly hardy but in dry seasons should be well watered. Price, each 20c; 10 for \$1.75 postpaid.

**RUDBECKIA "GOLDEN GLOW."**

A fine hardy plant that should find a place in every garden. It will be found excellent for cut flower purposes. The plant attains a height of 4 to 6 feet and will produce hundreds of large blossoms of brilliant, golden yellow color during August and September. Each 12c; 10 for \$1 postpaid.



Eulalia. (Page 57.)

**PERENNIAL PLANTS.—Continued.**

**LEMON LILY.** (Hemerocallis Flava.)

These are among the oldest and best loved of garden plants. Very hardy and persistent, they need no winter protection and thrive in any good soil, preferring however, a rich moist loam. For garden borders and waterside planting few perennials are more satisfactory. A good clump of this fine old lily, when blooming in June and July, lights up the border superbly with many tall stems of fragrant, waxen, clear yellow blooms. Grows about 2 feet tall.

Price, each 15c; 10 for \$1.25 postpaid.

**LYCHNIS. LAMP FLOWER, RAGGED ROBIN.**

**Chalcedonica. MALTESE CROSS.** A charming old-fashioned flower with the petals arranged in form of a Maltese Cross. Stems tufted, 2 to 3 feet tall, producing compact heads of brilliant scarlet flowers throughout the summer. Very free flowering and desirable.

Price, each 15c; 10 for \$1.25 postpaid.

**PHALARIS. RIBBON GRASS.**

A tall hardy Grass with variegated foliage and a common plant in old-fashioned gardens. It thrives in almost any kind of soil or exposure. Stems 3 to 5 feet tall, with graceful drooping foliage.

Price, each 15c; 10 for \$1.25 postpaid.

**PLATYCODON.**

**CHINESE BELLFLOWER.**

An extra good, very hardy and free flowering plant, growing 1½ to 2 feet tall. Flowers a lovely shade of blue. In bloom from June until October. Price, each 15c; 10 for \$1.25 postpaid.

**PYRETHRUM.**

**FEVERFEW.**

The plants form broad clumps, with handsome, fern-like foliage. Flowers daisy-like, a pretty shade of bright pink. They are not as well known in this country as they should be, for they are one of the



Chrysanthemum. (Page 56.)

**RUDBECKIA. "GIANT PURPLE CONE-FLOWER."**

Flowers about 4 inches across, of a peculiar reddish-purple; with a remarkably large, cone-shaped centre of brown; forms bushy plants, 3 feet high; and blooms from July to October. Price, each 10c; 10 for 90c postpaid.

**SALVIA. BLUE SAGE.**

A rocky mountain species that grows 3 feet tall and produces pretty sky-blue flowers in August and September. Exquisite for cutting; one of the finest plants for the border. Very hardy. Each 10c; 10 for 90c postpaid.

**SHASTA DAISY.**

Remarkably large, semi-double daisies, 3 to 4 inches across and pure white, with petals in two or more rows about a golden center. The plant is extra vigorous and maintains a fine show of great flowers throughout the summer and autumn. A splendid border plant and of great value for cutting. Each 15c; 10 for \$1.25 postpaid.

**TRITOMA. FLAMING TORCH.**

Plant grows from 3 to 4 feet high, the flower stalk measuring 12 to 15 inches long. They are a dazzling scarlet, lower half of flower tinged with rich orange. In northern states, roots should be taken up in the fall. In bloom August to October. Each 20c; 3 for 50c postpaid.



PERENNIAL PLANTS.—Continued.

PAEONIES.

Few hardy perennials are so suited to any position in the garden or lawn as the Paeony. The gorgeous display of flowers is very effective, rivaling the rose in beauty. They are also well suited for massing in beds by themselves. A good, rich, deep soil and sunny position suits them best, but they will thrive in almost any soil. Our plants are all field grown, strong and well rooted, with 3 to 5 good eyes, much heavier than usually offered. They will satisfy the most critical buyer. We offer the following selected varieties which we consider the very best for general planting:

**Clarissa.** The flowers are a lovely shade of rosy-pink, the inner petals sulphur yellow. A splendid paeony at a low price. Each 25c; 10 for \$2.00. Postpaid 30c each.

**Comte de Nanteuil.** Flowers very large and full, of dark rose color. A robust grower and good bloomer. One of the finest sorts. Each 30c; 10 for \$2.50. Postpaid 35c each.

**Coronne d'Or.** Immense ball-shaped flowers of great fragrance. Flowers are very full, finely imbricated, snow white, with yellowish stamens. Perfect as a cut flower, lasting a long time. Blooms late in season, coming in after all other long stemmed white sorts are gone. One of the most beautiful paeonies in cultivation. Each 65c; 10 for \$6.00. Postpaid 70c each.

**Delachei.** Of rich, deep crimson purple color. One of the best real dark varieties. A tall grower with very large globular flowers. Blooms late mid-season. Each 35c; 10 for \$3.00. Postpaid 40c each.

**Festiva Maxima.** About the largest and undoubtedly the most popular Paeony of them all. High built flowers borne on long, stiff stems; the purest white, the inner petals slightly tipped carmine. Very handsome foliage, enormous full double flowers, with very broad petals. A vigorous grower and early bloomer. Each 45c; 10 for \$4.00. Postpaid 50c each.

**Golden Harvest.** Very large blooms, blush guard petals, creamy-white center. A very beautiful and rare paeony, a splendid bloomer, and fragrant. Fine for all purposes. Blooms medium early. Each 45c; 10 for \$4.00. Postpaid 50c each.



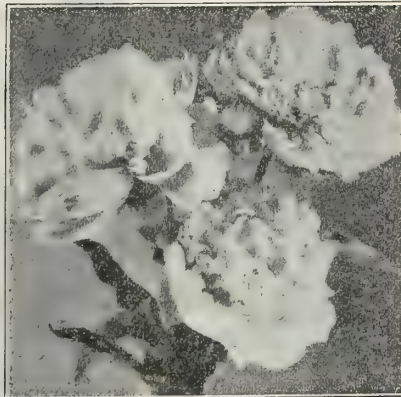
Hibiscus, Crimson Eye. (p. 57.)

**Grandiflora Rosea.** Flowers a very pleasing light rose color, large, very full and well shaped. Outer petals very large, the inner ones smaller and bunched. Each 25c; 10 for \$2.25. Postpaid 30c each.

**Papaviflora.** The large flowers have guard petals of pure white, center of flower yellowish, sometimes with a few carmine splashes. Extraordinary beautiful and rarely seen. Each 45c; 10 for \$3.50. Postpaid 50c each.

**Prince Imperial.** Brilliant purplish-scarlet, with large, double flowers of delightful fragrance. A free bloomer and extra fine for massing in landscape work. Each 30c; 10 for \$2.75. Postpaid 35c each.

**Double Mixed Varieties.** Large assortment. Each 15c; 10 for \$1.40. Postpaid 20c each; 6 for \$1.00.



Paeony Festiva Maxima.

HARDY PHLOXES.

The ease with which they are cultivated; their entire hardiness, and the extended season of blooming, combined with the varied and beautiful coloring, make them particularly valuable for garden planting. In bloom from June till late autumn. Phloxes are very effective either as single specimens, in small groups, or large beds on the lawn. They produce a beautiful and harmonious contrast when massed against a background of shrubbery. We offer a carefully selected collection, all field grown plants.

**Coquelicot.** A glowing orange red, with violet eye. Each 20c; 10 for \$1.75 postpaid.

**Fraulein von Lassburg.** The purest snow white. Flowers larger than any other white sort. Tall, extra fine. Each 25c; 10 for \$2.00 postpaid.

**Jeanne d'Arc.** A good white sort with large flowers. Late. Each 15c; 10 for \$1.30 postpaid.

**Lothair.** Flesh color, with deep red eye; very pretty. Each 15c; 10 for \$1.30 postpaid.

**Lumineux.** Carmine red, with blush center. Each 20c; 10 for \$1.75 postpaid.

**Richard Wallace.** Pure white with maroon center. A tall grower and a variety not usually seen. Each 20c; 10 for \$1.75 postpaid.

**Sir Edwin Landseer.** Bright glowing crimson. The best red. Of robust, tall growth and a free bloomer. Each 20c; 10 for \$1.75 postpaid.



Hardy Phlox.



**PERENNIAL PLANTS.**—Continued.**GERMAN IRIS.** (Iris Germanica.)

The true "Fleur-de-Lis," the national flower of France. They are perfectly hardy, thrive anywhere, grow and bloom luxuriantly, particularly if plentifully supplied with water. Plants well established produce from 50 to 100 spikes of bloom. In beauty the flowers rival the finest orchids. The plant grows 18 to 24 inches high. We offer the following selected varieties:

**Celeste.** A soft shade of light blue, changing into lavender. Very fine.

**Florentina Alba.** Extremely free flowering, and very beautiful white sweet scented blossoms. One of the best.

**Honorabilis.** Fine yellow with lower petals of maroon. An odd, but very pretty Iris.

**Plicata.** Dark purple, lower petals lilac. The best dark colored Iris.

The above four varieties, each 12c; 10 for \$1.00 postpaid.

**Choice Mixed Varieties.** Each 10c; 10 for 75c postpaid.

**JAPANESE IRIS.** (Iris Kaempferi.)

Finest of all the Iris family. The flowers are of immense size, from six to eight inches in diameter, and of the most beautiful and delicate shades. They are perfectly hardy, and will flower in profusion during June and July.

A well established plant gives a dozen or more flower stalks two to three feet high, each stalk producing two to four enormous blooms. These plants prefer a cool moist situation; but do well in most any good position. We offer some of the very finest varieties in cultivation:

**Gekka-no-nami.** Beautiful clear white flowers with three petals. The plant grows robust and tall; blooms early.

**Gold Bound.** The finest double flowering pure white variety. Very tall.

**Komachi-guma.** Rich, deep violet, double flowers, and blooming in fine large clusters. An extra fine and rare iris.

**Shuchu-no-hana.** Flowers are exquisite, a rich, reddish claret, broadly veined with white.

**Victor.** Porcelain blue flowers, prettily veined. An extra fine free blooming variety which is sure to please.

Above 5 Varieties, each 25c; 10 for \$2.25 postpaid.



German Iris.



Longiflorum Lily.

**SIBERIAN IRIS.**

(Iris Sibirica.)

Tall and slender growing, with flowers like those of the German Iris in structure, but smaller and much more numerous. The plant forms large, strong, compact clumps and blooms so freely that its deep blue blossoms give solid color effects. Hardy, thrives in almost any soil. Each 15c; 10 for \$1.25 postpaid.

**HARDY GARDEN LILIES.**

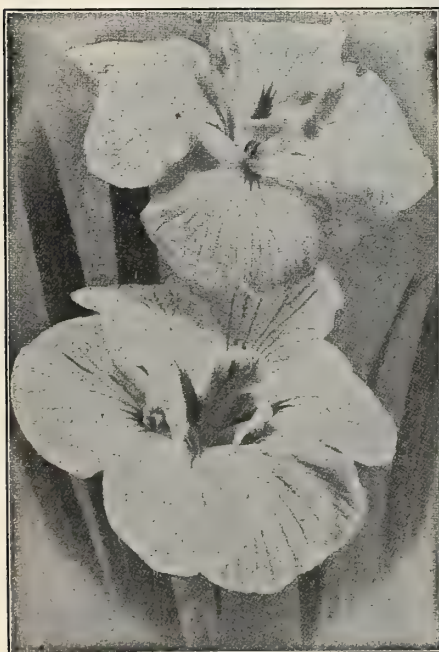
**Auratum.** (Gold-banded Japan Lily.) Flowers very large, made up of broad white petals, thickly studded crimson maroon and a bright golden band through the center of each petal. The stalks frequently have from 12 to 15 flowers of immense size. Large bulbs, each 25c; 10 for \$2.25.

**Longiflorum.** A well known beautiful variety, with snow-white trumpet shaped flowers that are very fragrant. Quite hardy and blooms freely in the open ground in June and July. Each 25c; 10 for \$2.25 postpaid.

**Speciosum Rubrum.** Flowers are white, with crimson band on each petal. Large and very fragrant. Perfectly hardy. Grows 2 to 3 feet high. Blooms in August. Large bulbs, each 25c; doz. \$2.50 postpaid.

**Single Tiger Lily.** Perfectly hardy, easily grown Lily with very large flowers of rich orange color spotted with black. Each 12c; 10 for \$1 post'd.

**Double Tiger Lily.** Double flowering form of above. Exceedingly pretty. Each 15c; 10 for \$1.25 postpaid.



Japanese Iris,



## SUMMER BLOOMING BULBS.

Bulbs for spring planting require scarcely any care, and quickly make a gorgeous display while the bulbs can be kept over winter and year after year will return a hundred fold in beauty and satisfaction the trifling expense of the original cost.

### DAHLIAS.

These showy and pretty flowers are becoming very popular and justly so. The Dahlia is one of the showiest of all Fall flowers, commencing to bloom in July and continuing until frost. Price named is for large roots.

**Catherine Duer.** Decorative Dahlia. Large double flowers of fiery-red color. Each 20c; 3 for 50c postpaid.

**Mrs. Winters.** Decorative Dahlia. Large, elegant shaped flowers of snow white color. Each 20c; 3 for 50c postpaid.

**Arabella.** Show Dahlia. Lovely, ball-shaped flowers; a very pleasing, light shade of sulphur yellow, pink edges. Each 15c; 3 for 40c postpaid.

**A. D. Livoni.** Show Dahlia. Flowers medium large, of a delicate rose color, soft and clear. Very pretty. Each 15c; 3 for 40c postpaid.

**Grand Duke Alexis.** Quilled Dahlia. Flowers are extra large. Color pure ivory white, tinged with delicate pink. Each 25c; 3 for 65c postpaid.

### CACTUS DAHLIAS.

Undoubtedly the finest of all Dahlias. The large flowers are of beautiful cactus form with twisted petals, giving great depth to the flowers.

**Kriemhilde.** The finest of all Dahlias. Flowers extra large, outer edge brilliant pink, shading to white. Each 25c; 3 for 65c postpaid.

**General Buller.** Velvety, cardinal red with crimson shadings. Very pretty. Each 20c; 3 for 50c postpaid.

**Gotlinda.** A grand flower of deep golden yellow, produced on long wirelike stems. Each 20c; 3 for 50c postpaid.

**Hohenzollern.** Beautifully formed, large flowers of rich orange-red, with golden sheen. Each 25c; 3 for 65c postpaid.

**J. H. Jackson.** Large flowers of brilliant crimson-maroon, almost like black velvet. Very free flowering. Each 25c; 3 for 65c postpaid.

**Winsome.** Lovely, large, creamy-white flowers. Each 20c; 3 for 50c postpaid.

### DOUBLE POMPON DAHLIAS.

These are the small Bouquet Dahlias that are so popular as cut flowers. They make nice plants and bloom freely.

**Little Herman.** Beautiful little flowers of deep red with white tips. Each 15c; 3 for 40c postpaid.

**Snow Clad.** Finest white dwarf; an early bloomer. Each 15c; 3 for 40c postpaid.

### SINGLE FLOWERED DAHLIAS.

**Twentieth Century.** One of the most beautiful orchid flowering single varieties. Flowers of immense size, color intense crimson, with white disk around center, white tips. Each 25c; 3 for 65c.

### CANNAS.

The grandest of all bedding plants. Of quick growth and tropical appearance. Throughout the summer they present a mass of gorgeous colors until withered by frost in the fall.

**Allemania.** Height 5 feet. Orchid flowered; pleasing dark red with golden yellow border; foliage green. Each 10c; 10 for 90c.

**Buttercup.** Height 3 feet. Deep yellow, very clear; beautifully effective; foliage green. Each 12c; 10 for \$1.00 postpaid.

**Charles Henderson.** Height 4 feet. Flowers rich crimson; foliage green. Blooms freely. Each 12c; 10 for \$1.00 postpaid.

**David Harum.** Height 3½ feet. Dark red; foliage dark bronze. Very fine. Each 15c; 10 for \$1.25 postpaid.

**King Humbert.** Height 5 feet. Orchid flowered. Its flowers measure 6 inches in diameter, produced in gigantic trusses, a brilliant orange-scarlet with bright red markings; foliage broad and massive, of a rich coppery-bronze. Each 20c; 10 for \$1.75 p'd.

**Mile. Berat.** Height 4 feet. Color of flowers a lovely pink; foliage green. Each 15c; 10 for \$1.25 postpaid.

**Papa Nardy.** Height 4½ feet. Very large flowers, rich purple crimson; foliage green. Each 15c; 10 for \$1.25 postpaid.

**No. 1 Collection for Canna Bed.** Round, 7 feet in diameter. 3 Allemania (center); 6 Chas. Henderson (next row); 12 Buttercup (outer row). These 21 plants will make a splendid bed. All properly labeled. Price \$1.80; postpaid \$2.00.

**No. 2 Collection for Canna Bed.** Round, 7 feet diameter. 3 King Humbert (center); 6 Papa Nardy (next row); 12 Buttercup (outer row). Will make an extra fine showing. Price \$2.00; postpaid \$2.25.

**No. 3 Collection for Canna Bed.** Round, 10 feet diameter. 5 Allemania (center). 13 Chas. Henderson (next row); 19 Buttercup (outer row). These 37 plants will make a bed anyone will be proud of. Price \$3.00; postpaid \$3.40.



Dahlia "Catherine Duer."



Canna.



**SUMMER BLOOMING BULBS.—Continued.****AMARYLLIS FORMOSISSIMA.**

**Jacobean Lily.** Splendid showy plants, suitable for garden and house culture. The large, lily-like flowers are of a rich deep velvety, crimson color. It is a free bloomer and of easiest culture. For pot culture they should be well drained and potted in soil composed of leaf mold and light loam, but grow well in any rich soil. Each 12c; 10 for \$1.00 postpaid.

**CALADIUM.**

**Elephant's Ear.** A splendid, tropical appearing plant, usually growing 4 to 5 feet high. Very showy leaves, often growing three feet long. Of easy culture. They are used to a great extent for large beds, together with Cannas; also as single specimens or as groups on the lawn. For obtaining tropical effects in lawn and garden this beautiful plant takes a prominent place. Will grow in any good garden soil, but to get the best results they should have plenty of water and good rich soil. When at its best, stands six to seven feet high, with bright green leaves three to four feet long and two and one-half feet wide.

**Extra Large Size Bulbs.** Each 20c; 3 for 50c. Postpaid 30c each.

**Large Size Bulbs.** Each 12c; 3 for 30c; 10 for 95c. Post'd 20c ea.

**Medium Size Bulbs.** Each 8c; 3 for 20c; 10 for 50c. Post'd 13c ea.

**CALLA, SPOTTED LEAF.**

One of the most satisfactory summer flowering bulbs; should be more extensively grown. The flowers are pure white, shaded violet inside. The leaves are beautifully spotted, yellow and creamy white, making a handsome plant. Should be kept dry in winter and started in April. 10c each; 10 for 75c postpaid.

**CALLA, CANARY BIRD.**

A new hybrid Calla Lily with beautiful flowers of light yellow color; foliage green, spotted white. A free grower and an abundant bloomer. Fine for bedding and house culture. Try this lovely new Calla and have something different from your neighbors. Each 20c; 3 for 50c postpaid.



Calla, Spotted Leaf.

**MEXICAN STAR FLOWER.**

(Milla Biflora.)

Very effective summer flowering bulb; can be grown in garden or pots. Height 12 to 18 inches. Flowers clear waxy white, star shaped, about 2 inches across, and borne in pairs. Very fine as a cut flower. Will keep for days. Plant in sunny location, about 6 inches apart. A fair sized bed of these in the garden will make a beautiful showing and furnish great quantities of lovely flowers for decorating and for bouquets. Each 5c; doz. 50c; 100 for \$4.50 postpaid.

**MONTBRETIA.**

One of the brightest and best of Summer flowering bulbs. Plant in clumps of six to twelve bulbs in May or June. In larger beds they will also make a splendid showing. They greatly resemble the Gladioli in growth and produce beautiful spikes of star-shaped flowers in various shades of orange, yellow and red. Hardy with slight covering over winter, and they will improve in size of flowers when left in the ground undisturbed year after year. Mixed varieties, 3 for 10c; per doz. 30c; 100 for \$2.25 postpaid.



Montbretia.



Caladium.

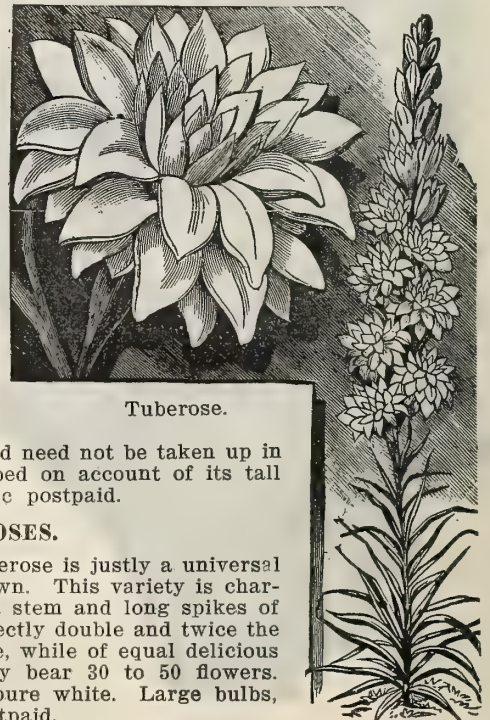
**SUMMER HYACINTH.**

(Hyacinthus Candicans.)

See illustration on page 63. The flower stems grow 3 to 4 feet high and are loaded with pretty drooping, bell-shaped flowers of ivory white. Will grow well in dry soils. A splendid bulb to plant in the perennial border as it is hardy and need not be taken up in the fall. Plant in rear of bed on account of its tall growth. Each 5c; dozen 50c postpaid.

**TUBEROSES.**

**Excelsior Pearl.** The Tuberose is justly a universal favorite and very easily grown. This variety is characterized by its short robust stem and long spikes of large flowers which are perfectly double and twice the size of the common Tuberose, while of equal delicious fragrance. Spikes frequently bear 30 to 50 flowers. They are always wax-like, pure white. Large bulbs, each 5c; per dozen 40c postpaid.



Tuberose.



**SUMMER BLOOMING BULBS.—Continued.**

**GLADIOLUS.**

The Gladiolus is the most attractive of all summer-flowering bulbs and deserves a place in every garden, as it is sure to flower and do well with little care. Flowers are of almost every desirable color. By cutting the spikes when two or three of the lower flowers are open and placing them in water, the entire spike will open beautifully. For best results they should have a sunny position. A light, sandy loam suits them best, but they do equally as well in heavy soil, provided there is drainage. A succession of bloom may be had from July to October by making plantings two weeks apart up to the end of June.

**America.** Conceded to be one of the finest varieties for cutting or bedding ever sent out; flowers very large, color a beautiful soft flesh-pink; orchid-like in its coloring and texture; growth and habit perfect. Flower spikes two and three feet long, very large spreading blooms, and luxuriant dark green foliage. 12c each; 10 for \$1.00 postpaid.

**Princeps.** The \$1,000 Gladioli. Its wonderful size of flower, perfect shape, brilliant coloring, and artistic form of flower spike are each so notably an improvement over all other varieties, that all place it in the front rank. The flowers are 5 to 6 inches broad, the petals are very wide and rounded, forming an almost circular flower. The color is brilliant crimson carrying mostly three broad, white blotches on the lower petals. Spikes 4 feet in height produce 12 to 15 flowers. Each 20c; 10 for \$1.85 postpaid.

**Augusta.** A lovely white variety. Good bloomer. Each 5c; 10 for 45c postpaid.

**La Pactot.** Large, pale yellow with brown center. Each 8c; 10 for 75c postpaid.

**Orflame.** Deep maroon-red. The darkest Gladiolus. Each 8c; 10 for 75c postpaid.

**GROFF'S GOLD MEDAL GLADIOLUS.**

This magnificent strain has a world-wide reputation. Strong, vigorous growers, perfect in form, with mammoth flowers. The size and coloring of many of the sorts included in our mixture are truly marvelous. **Finest Mixture** of first size bulbs, each 10c. 10 for 50c. 100 for \$4.50 postpaid.

**Child's Giant Flowered Gladiolus:** One of the finest strains ever introduced. Flowers extra large and unsurpassed in beauty and large range of colors. We offer only first size flowering bulbs. **Fancy Mixture**, each 5c; 10 for 40c; 100 for \$3.50 postpaid.

**Our Superb General Mixture.** Composed of fine sorts in all colors, in first size bulbs only. We have tested many brands of mixtures, some of them costing twice as much as this, but have never seen any which surpassed it in variety of coloring or general excellence. 10 for 25c; 50 for \$1.25; 100 for \$2.00 postpaid.

**Mixture of No. 2 Gladiolus Bulbs.** Contains a good assortment of varieties and colors. All the bulbs are of blooming size but smaller than the above mixtures. 10 for 20c; 50 for 75c; 100 for \$1.25 postpaid.



Gladiolus.

**TIGRIDIA.**

Peacock or Shell Flower.

These gorgeous flowers look well associated with Gladioli, Lilies and kindred stock; grow about 1½ feet high, and flower freely throughout the summer. Flowers come in shades of red, yellow, white and are spotted. They require the same treatment as Gladioli. **Splendid Mixture**, each 5c; per dozen 50c postpaid.

**ZEPHYRANTHES.**

Fairy Lily or Zephyr Flower.

One of the prettiest and most easily grown bulbs; very effective for masses or borders, flowering profusely all summer. Also suitable for pot culture. Put 6 bulbs in a 6 inch pot in fall and you can have a fine display during the winter.

The plants grow about 8 inches high. One of the good things in bulbous flowers that is so often overlooked, but deserves to be planted in every garden. Once planted it will always be planted again the next season. Each 5c; 10 for 45c postpaid.



Tigridia.



Zephyranthes or Fairy Lily.

**WINTER BLOOMING BULBS.**

For fall planting, either for house culture or early spring blooming in the garden, we offer a large assortment of choice **Holland Bulbs**, our own direct importation, such as **Hyacinths, Tulips, Narcissus, Crocus, Snowdrops, Scillas, Jonquils**, etc. Also have choice stock of **Roman Hyacinths, Japanese Lilies, Freesias, Star of Bethlehem, Chinese Sacred Lilies**, etc.

Write for illustrated price list, ready September 1st.



## 25th ANNIVERSARY BARGAINS

SPLENDID HIGH CLASS NURSERY STOCK AT A GREAT SAVING IN PRICE.

We offer the following collections of Trees and Plants at very low prices. The numbers and varieties in each collection cannot be changed. Please order by Numbers.

### COLLECTION NO. 1.

20 Early Richmond Cherries, 5-6 feet, 2 years old, fine trees .....	\$6.50
10 Montmorency Cherries, 5-6 feet, 2 years old fine trees .....	3.25
4 Wragg Cherries, 5-6 feet, 2 years old, fine trees .....	1.40
3 Compass Cherry Plum, 4-5 feet, 2 years old, fine trees .....	1.05
Regular Price .....	\$12.20

We will deliver the 37 Cherries to any railroad station in the U. S. for \$10.00, freight charges paid by us.

### COLLECTION NO. 2.

10 Early Richmond Cherries, 5-6 feet, 2 years old, fine trees .....	\$3.25
5 Montmorency Cherries, 5-6 feet, 2 years old fine trees .....	1.63
2 Wragg Cherries, 5-6 feet, 2 years old, fine trees .....	.70
2 Compass Cherry Plum, 4-5 feet, 2 years old, fine trees .....	.70
Regular Price .....	\$6.28

We will furnish the 19 Cherry trees for \$5.00, well packed, but freight or express charges must be paid by purchaser, unless some other trees or plants are ordered with this collection to make altogether \$10.00.

### COLLECTION NO. 3.

100 Concord Grapes, 2 year, No. 1 (black) .....	\$5.00
100 Worden Grapes, 2 year, No. 1 (black) .....	8.00
100 Niagara Grapes, 2 year No. 1 (white) .....	7.00
100 Wyoming Red Grapes, 2 year, No. 1 .....	8.00
Regular Price .....	\$28.00

We will deliver the 400 Grapes, freight paid by us, to any railroad station in the United States for \$23.00.

### COLLECTION NO. 4.

10 Concord Grapes, 1 year, No. 1 .....	\$ .60
10 Niagara Grapes, 1 year, No. 1 .....	.80
10 Worden Grapes, 1 year, No. 1 .....	1.00
Catalogue Mail Price .....	\$2.40

We will send the 30 Grapes by mail postpaid for \$2.00.

### COLLECTION NO. 5.

3 Green Mountain Grapes, 2 year No. 1 .....	\$ .90
3 Campbell's Early Grapes, 2 year No. 1 .....	.75
4 Delaware Grapes, 2 year No. 1 .....	.60
Catalogue Mail Price .....	\$2.25

A splendid collection of fine grapes for the home garden. Everyone will be highly pleased with these splendid varieties.

We will send above 10 best table Grapes by mail postpaid for \$1.90.

### COLLECTION NO. 6.

1 Agawam Grape, 2 year, No. 1 .....	\$ .10
1 Campbell's Early Grape, 2 year, No. 1 .....	.25
1 Catawba Grape, 2 year, No. 1 .....	.10
1 Delaware Grape, 2 year, No. 1 .....	.15
1 Diana Grape, 2 year, No. 1 .....	.10
1 Hartford Grape, 2 year, No. 1 .....	.15
1 Green Mountain Grape, 2 year, No. 1 .....	.30
1 Golden Pocklington Grape, 2 year, No. 1 .....	.10
Catalogue Mail Price .....	\$1.25

We will send the 8 fine 2 year old Grapes by mail postpaid for \$1.00.

### COLLECTION NO. 7.

1 Carman Gooseberry .....	\$ .35
1 Downing Gooseberry .....	.20
1 Industry Gooseberry .....	.30
1 Houghton Gooseberry .....	.15
1 Red Jacket Gooseberry .....	.25
Catalogue Mail Price .....	\$1.25

We will send the 5 best Gooseberries, by mail postpaid for \$1.00.

### COLLECTION NO. 8.

5 Perfection Currants .....	\$1.50
5 Fays Prolific Currants .....	.75
5 Pomona Currants .....	1.00
5 White Dutch Currants .....	.75
5 London Market Currants .....	.75
Catalogue Mail Price .....	\$4.75

We will furnish the 25 Currants postpaid for \$3.50.

### COLLECTION NO. 9.

1000 Catalpa Speciosa, 12-18 inch .....	\$ 3.00
2500 Black Locust, 12-18 inch .....	6.00
2000 Osage Orange, 12-18 inch .....	3.50
Catalogue Price .....	\$12.50

We will furnish the 5500 best seedlings for post timber, for \$10.00, all freight charges paid by us to any railroad station in the United States.

### COLLECTION NO. 10.

100 Catalpa Speciosa, 8-12 inch .....	\$ .45
100 Black Locust, 8-12 inch .....	.40
100 Osage Orange, 8-12 inch .....	.35
Mailing Price .....	\$1.20

This collection of trees for post timber will give anyone a chance to try these varieties at a low price.

Three hundred trees, by mail postpaid for 90c.



## NOVELTIES AND SPECIALTIES.

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

### THE "YAHNKEE" APPLE.

Originated with Frank Yahnke of Winona, Minn., in the Spring of 1874. The tree is very hardy, a rapid spreading grower, free from blight, annual and heavy bearer, making one of the most perfect orchard trees ever produced. The original tree at the age of thirty three years is in perfect condition and younger trees at the age of twenty two are the most magnificent apple trees to be seen here, the circumference of the trunks measuring between 42 and 44 inches and are without spot or blemish. The fruit is large and exceedingly handsome, glossy bright red, slightly streaked with light red and yellow. The flesh is fine grained, crisp, juicy and melting, of excellent quality. As a dessert apple it is unsurpassed and when canned has the flavor of Pears. The YAHNKE is one of the most profitable market Apples, never selling for less than \$1.50 per bushel. It will keep until May and is a candidate for the \$1000.00 Winter Seedling Apple which prize is offered by the Minnesota State Horticultural Society. It is conceded that the Yahnke Apple stands at the head of its class. The old tree has borne for twenty two years and last season produced seven bushels of fruit, and the younger trees have averaged fifteen bushels in one year. It is as hardy as Hibernial and in vigor is in the same class and the equal to those well known varieties, Duchess, Fameuse and Minnesota. A comparison of the growth of these four varieties (all of the trees having been planted on the same day and all of the same age) will naturally interest the purchaser; the Duchess is now twenty-three inches in circumference, the Fameuse twenty six inches, the Minnesota twenty eight inches and the YAHNKE forty two inches, all measured one foot above the ground. In quality it was scored two years ago at 100 by such well known and eminent judges as Professors Green and Wyman Elliott. It is very fine for eating or cooking and will prove a profitable investment to the grower. Tree is exceedingly hardy.

We have no larger Yahnke Apple than the sizes given herewith.

Price of Yahnke Apple.		Per 1	10	100
1½ to 2 ft., nice well grown trees.	\$0.15	\$1.00	\$ 8.00	
2 to 3 feet, nice, well grown trees.	0.20	1.50	12.50	
3 to 4 feet, nice, well grown trees.	0.30	2.50	20.00	
1½ to 2 feet, by mail, postpaid.....	0.20	1.60	12.00	

### THE MAYFLOWER PEACH.

(See Illustration on front cover page.)

The Mayflower is the earliest Peach in the market. A week earlier than Alexander or Sneed. It is of good size and fine color, being absolutely red all over even before it is ripe enough to ship, thus making a very handsome, attractive peach. The earliness and rich color of the Mayflower, makes it so valuable for the market. In quality it is fully as good as Sneed or Alexander. The tree is a strong, thrifty grower, has large blossoms, that come out after all other Peaches have bloomed. Thus the tree often escapes a late frost and bears well, while the fruits of other varieties are killed. It is a young bearer, often bringing a few fruits the first

year after transplanting. It is apt to set too many fruits and should be thinned out for best results. The fruit keeps well for an early peach, is a good shipper and always brings the highest price in the market. We advise all our customers in Peach growing sections to try the Mayflower, being sure, that it will pay better than any other Peach for early market.

Price of Mayflower Peach.		Per 1	10	100
2 to 3 ft., splendid good trees.....	\$0.20	\$1.75	\$15.00	
3 to 4 ft., splendid good trees.....	0.25	2.25	20.00	
4 to 5 ft., splendid good trees.....	0.30	2.75	25.00	
Small trees postpaid by mail.....	0.20	1.75	16.00	



The Yahnke Apple, showing the original thirty-three year old tree.





Earhart Raspberry.

## EARHART EVERBEARING RASPBERRY.

Actually bears continuously from June 1st until killed by frost in Fall. The canes are literally loaded with fruit in all stages from bloom to ripe fruit. The berries are black in color, of good size and of very fine flavor. As hardy as any of the black raspberries. Creates the greatest surprise when shown at fairs and horticultural societies. Has no equal as an ever-bearing variety. A great novelty and a very valuable one as well. Price, 20c each; 10 for \$1.75 postpaid.

## TREE CURRANT AND TREE GOOSEBERRY.

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

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

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

Chicago, Ill.

The Tree Currant received from you done very well, it is a great ornament and something quite out of the ordinary. Will want six more of them. Jean Riffenack.

## NEW EVERBEARING STRAWBERRY.

### WITHOUT RUNNERS.

This fine new variety we procured from Germany, and after testing it well in our nursery, we now offer large field grown plants to our customers, knowing that everyone will be as well pleased with this splendid berry as we are. It is a wonderfully profuse and continuous bearer, yielding ripe berries during the entire summer and until late fall, at the same time producing new blossoms right along. We picked the last few quarts of luscious ripe berries the latter part of October and at that time the plants were still bringing forth new blossoms. The fruit is not large, rather long in shape, of real aromatic strawberry flavor, much more so than the larger commercial varieties. The quality is excellent, rich and melting to the taste. This Everbearing Strawberry will prove a profitable berry in any garden, besides being a novelty to every one. Especially do we recommend them to owners of small gardens where the space is limited. We can furnish this variety in large bushy field grown plants only. Price, each 25c; 10 for \$2.00 postpaid. By express, not prepaid, 100 for \$12.00.



Tree Currant.

## WEIGELIA, EVA RATHKE.

A new shrub from Germany and undoubtedly the best and finest of all Weigelias. Flowers are of brilliant crimson color, a beautiful and distinct shade. Blooms nearly all summer and when in full bloom the whole plant fairly glows with color. On September 27th our Eva Rathke Weigelias were still in full bloom and the plants literally covered with their beautiful, intensely rich flowers. The plant grows 2 to 3 feet tall, forms a well branched bush with deep green, clean and healthy foliage. Unsurpassed for planting in masses where a bright color effect is desired, also splendidly suited for specimen plants or groups on the lawn. One of the finest hardy shrubs ever introduced. Price, each 35c; 10 for \$3.00. Postpaid 40c each.



New Everbearing Strawberry, Without Runners.



**RED MERVEILLE RASPBERRY.**

This fine Raspberry we imported from Germany. It is a decided acquisition to our native varieties. The fruit is large to very large, round, of a deep red color, not purple. Very juicy and of excellent quality. Exceptionally firm, making it a splendid shipping berry. Ripens its fine fruits in June and will bear a second crop in September. Luscious ripe Raspberries in the Fall are certainly a novelty and will sell at high prices anywhere. This new berry is highly esteemed in the old country and we predict that it will quickly come into popular favor here. The plant is as hardy as our native varieties and will bear abundantly twice a year although the second crop will be smaller than the first. Price, 25c each; 10 for \$2.00; 100 for \$15.00. Postpaid 30c each.

**WHITE MERVEILLE RASPBERRY.**

Will also bear in June and again in September, just the same as the Red Merveille, but in color the fruits are yellowish white. A fine berry for the home garden, it being the only white berry of good quality ever introduced. Price, each 20c; 10 for \$1.75; 100 for \$14.00. Postpaid 25c each.

**THE GARFIELD GRAPE.**

Bunches very large. Berries round, of greenish color, turning to a golden yellow when fully ripe; very sweet. Is of fine appearance and flavor. It comes nearer to the Malaga grape than any of the American types of grapes we know of. For a table grape it has no equal. Ripens just before Catawba. A fine wine grape; when pressed out leaving no pulp like other grapes, but only a thin skin and very few small seeds. No sugar is needed in making wine. The Garfield can be trained very high and will bear just as well as if pruned, and therefore is the very best grape for arbors or trellises. Price, 60c each; postpaid 65c each.

**THE FOSTER GRAPE.**

Bunches large and well shouldered, berries oblong, very sweet and sugary; green, but when fully ripe a golden yellow. Seeds small and few, with no pulp; skin very thin. A very good grape for table use and not excelled by any for wine. Ripens about the end of August. Can be left on the vines a long time after ripening, as the berries do not shrink. The vine grows exceedingly strong, is hardy and ripens its wood well. The superior points of this grape are its sweetness, thin skin, freeness from pulp and profuse bearing. Price, 60c each. Postpaid, 65c each.



Red Merveille Raspberry.

**ROSE ACACIA.****IN TREE FORM.**

Also called Rose Locust or Moss Locust. (Robinia Hispida.)

A beautiful and rare native tree with spreading, somewhat weeping branches. The pretty foliage is quite dense, light green in color and similar to the common locust. The branches appear covered with a hair-like growth, resembling the so-called "moss" of the Moss Roses. In May and June, and at intervals through the summer, the branches are covered with long clusters of pea-shaped, bright rose colored flowers, which look like mammoth sweet peas. A very attractive small lawn tree and an ornament in any yard. May also be planted in groups along the driveway or the walk, where it will make a very beautiful effect. Not hardy north of Nebraska. Price, 5 to 6 feet trees with fine, very heavy crowns, each \$1.20. 4 to 5 feet trees, each 75c.



Rose Acacia.



## NEW EVERBLOOMING CRIMSON RAMBLER ROSE.



Everblooming Crimson Rambler.

them. As regards their hardiness, we can only say that in the coldest regions of Canada they have withstood a temperature many degrees below zero, without any protection, other than an ordinary mulch. In round or oval beds they make a beautiful display, not only during the period when they are in flower, but while perfecting their growth in late spring and early summer. Their foliage, unlike the coarse leaves of the more common kinds, is more finely divided and of a richer green shade. In the rear of shrubbery or perennial beds they are decidedly ornamental, and also where a good specimen plant is desired.

You can't make a mistake in getting these gorgeous Mallow Marvels. They are sure to please you, as they have thousands of others. Perfectly hardy, easy to grow, and sure to bloom. We can supply CRIMSON MALLOW MARVELS, RED MALLOW MARVELS and PINK MALLOW MARVELS. Price, for extra heavy two year old roots, each 60c; 10 for \$5.00. Postpaid 70c each.

## VOLGA POPLAR.

A new hardy Poplar from Russia. The tree is an upright grower, similar to the Lombard Poplar. The branches are much stronger however, and the leaves are larger, of better form and a deeper green. Perfectly hardy, of strong vigorous growth. A tree of this variety transplanted on my home grounds last spring made new shoots five feet in length. We advise our customers to plant the Volga Poplar where the Carolina Poplar does not succeed well. Price, 5 to 6 feet trees, each 25c; 10 for \$2.25.

A sport of the well known and famous Crimson Rambler climbing rose. This new rose produces its lovely flowers until killing frosts stops further growth of the plant. The flowers are produced in great trusses, each carrying from thirty to forty blooms of the brightest crimson, which remains undimmed to the end. Combined with the waxy, pale green, red veined foliage, the glowing crimson mass of bloom makes an irresistible effect. The new Everblooming Crimson Rambler produces its flowers on the ends of new shoots, and if cut off as soon as faded, many new side branches will form which soon are covered again with a great mass of blossoms. By blooming so constantly, the new shoots are not as large as with the old Crimson Rambler, but the wood is more firm and less subject to mildew, another point in its favor. The plant is exceedingly hardy, having successfully withstood the test in exposed situations of very severe winters. A magnificent everblooming rose for covering trellises, walls, porches, etc., as they succeed under any circumstances, and bloom wonderfully profuse throughout the summer. It is one of the finest and best novelties of recent introduction and will be very popular. Price, two year old field grown plants, each 55c; 10 for \$5.00. Postpaid 60c each.

## MALLOW MARVELS.

The Most Gorgeous Perennial Creation of the Twentieth Century.

The plants are perfectly hardy, and grow from strong, fleshy roots to a height of 6 to 8 feet in one season. They seem to thrive in almost any soil, having a preference, however, for a moist rather than a dry situation. In the last days of July the blooms appear and continue until late fall. The huge flowers, some of them measuring over ten inches in diameter, come in the most gorgeous and brilliant shades of crimson, red and pink.

They seem to be immune from the attacks of insects or scale, and we have yet to find anyone who cannot be successful with them. This

last fact is a most valuable consideration for anyone contemplating the planting of



Mallow Marvels.



# VEGETABLE SEEDS.

NOVELTIES AND VARIETIES OF SPECIAL MERIT.

## NEW EXTRA EARLY PEA "SAXONIA."

This new Pea is as early as the well known First and Best, but nearly doubly as productive and the pods are fully one-third to one-half larger. The plants grow two feet high and are healthy, vigorous and hardy. The pods are 3½ to 4 inches long, ready for market with the extra early sorts, they appear in great quantities, mostly in pairs, and are of the same shape and about as full of large peas as the main crop varieties. Will yield big crops of splendid quality peas for all purposes. Highly to be recommended for the market as well as the home garden. It is without doubt the best of all extra early peas. Pkt. 10c; ½ pt. 25c; qt. 75c postpaid.

## SELECT, RUST-RESISTANT ROCKYFORD CANTALOUPE.

This is the highest development yet attained in the Rocky Ford Cantaloupe both in netting and rust resistant qualities. The melons appear as shown in cut, the heavy gray netting being closely laced and interlaced over the entire surface of the melon from the stem to the well developed blossom button. The meat is light green and very deep; its flavor is not excelled by any of the green meat sorts and none of them are better, if as good, shippers. It is highly rust-resistant. Under unfavorable conditions when other strains rust badly the vines of this strain remain green and thrifty, continuing to blossom and set on fruits. The value owing to this quality is very great as in many localities rust often destroys the crop. It is a heavy yielder, continues long in bearing and cannot fail to please. By all odds the best melon to plant for the market. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.35 postpaid.



Saxonía Pea.

## POLE BEANS, YARD LONG.

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



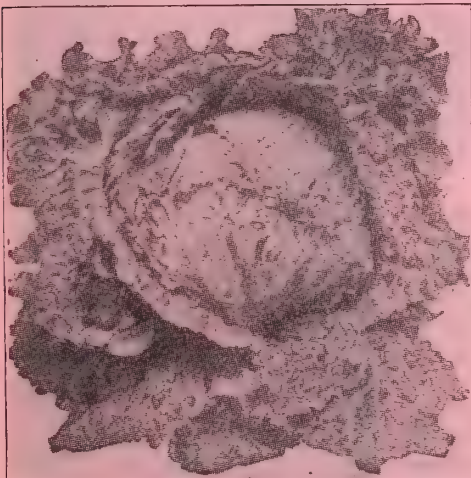
Rust Resistant Rocky Ford Cantaloupe.

## LETTUCE, LAIBACH GIANT ICE-HEAD.

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

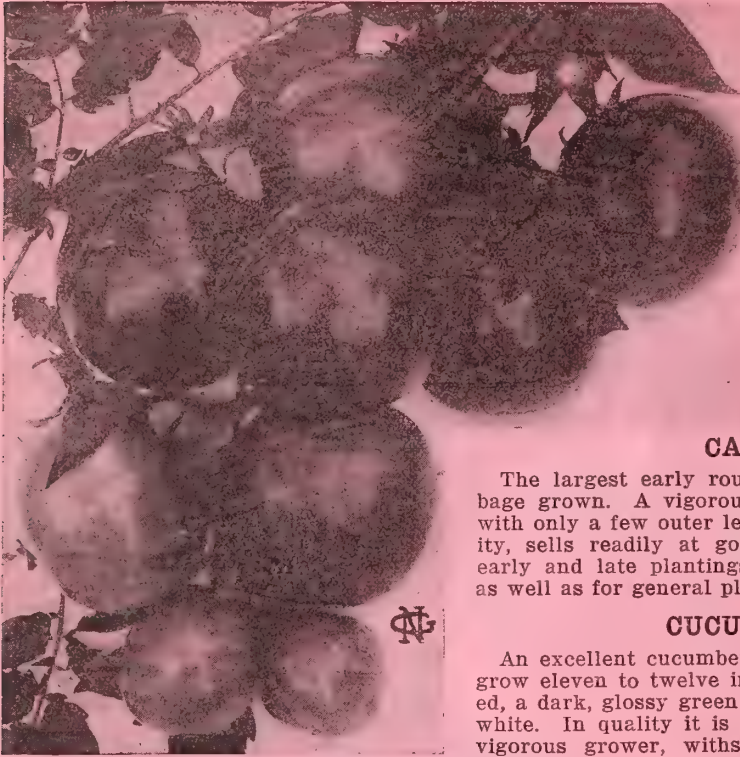
## SAVOY CABBAGE, KING OF EARLIEST.

The earliest of all the Savoy Cabbages. Forms medium sized, very solid heads of conical shape, with blunt point; leaves finely crimped. Superior in flavor to the smooth leaved cabbages, its delicious flavor is like that of Brussels Sprouts. Without question the earliest and finest Savoy for field culture; of equal value to the market gardener and private garden. Pkt. 10c; oz. 25c; ¼ lb. 75c.



Giant Ice-Head Lettuce.





Early June Tomato.

### CAULIFLOWER, FIRST OF ALL.

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

### LEEK, GIANT PRIZETAKER.

On account of its large size and attractive appearance, this variety is ideal for growing to show at exhibitions and market. Produces its extra large, thick shoots very quickly. In quality it is better than any other variety, the white stems being of mild flavor. A profitable sort for the market gardener and excellent for the kitchen garden. Packet 10c; oz. 20c; ¼ lb. 75c.

### MUSKMELON, HUNGARIAN PINEAPPLE.

A decided acquisition and the finest flavored, sweetest and most aromatic of all musk melons. Ripens medium early, very prolific and a good shipper. Exterior very interesting, warty, when ripe of brilliant golden yellow. Flesh deep red, very rich and juicy, resembling the pineapple in its aromatic flavor. For the home garden you cannot possibly find a finer quality melon. Our customers were very enthusiastic over this melon last season, when we offered the seed for the first time. Packet 15c; oz. 35c.

### PARSLEY, DWARF PERFECTION.

Of highly decorative appearance and of fine delicate flavor. The plant is of dwarf, symmetrical form, 6 to 8 inches high and about 10 inches across. Leaves finely curled, light green. For market and home use a splendid sort. May be used as a border around flower beds, and for pot planting indoors. The flavor of this parsley is very superior. Pkt. 10c; oz. 25c; ¼ lb. 75c postpaid.

### EARLY JUNE TOMATO.

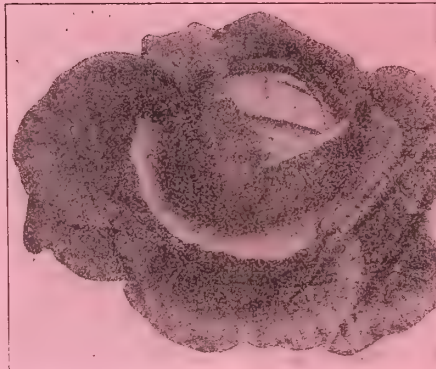
This splendid new Tomato ripens earlier than "Earliana," the fruit is as smooth and high colored as "Stone," and as meaty and solid as "Ponderosa." The plants are very vigorous and of extremely quick growth, yielding large, well shaped fruits in greatest abundance. A gardener in Illinois raised 53 large fruits on one vine. In color this Tomato is crimson red and very attractive. It is almost seedless, the flesh thick and firm, and the flavor delicious. Its main points are earliness, large size and fine flavor. A valuable new variety that will please everybody and will prove highly profitable as a market sort. Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.40 postpaid.

### CABBAGE, NEW IDEAL.

The largest early round headed variety, and most solid early Cabbage grown. A vigorous grower, forming large, compact, hard heads with only a few outer leaves. Unexcelled in flavor, unequalled in quality, sells readily at good prices in any market. Excellent for first early and late plantings. We recommend it to all market gardeners as well as for general planting. Pkt. 10c; oz. 30c; ¼ lb. \$1.00 postpaid.

### CUCUMBER, DAVIS PERFECT.

An excellent cucumber for both outdoor use and forcing. The fruits grow eleven to twelve inches long on an average; slim, slightly pointed, a dark, glossy green color, which they keep until ripe, then turning white. In quality it is very tender, brittle and of fine flavor. A very vigorous grower, withstanding blight better than other long sorts. Grown in the field the color resembles hot-house grown stock and it sells in competition with same. Packet 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.



Ideal Cabbage.



Giant Prizetaker Leek.



## FLOWER SEED NOVELTIES.

### DELPHINIUM OR LARKSPUR.

#### Chinese Tom Thumb "Ultramarine."

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

### PETUNIA HYBRIDA "NORMA."

#### Blue with White Star.

The plants of this beautiful new variety are of compact habit and produce their lovely velvety blue and white starred flowers in greatest profusion throughout the summer. While the flowers are not as large as those of the Large Flowering types, they will produce four times as many and are better adapted for bedding. In bloom all the time. Ev-



Delphinium, Chinese Tom Thumb.

erywhere, in the small gardens; for large beds and groups, in window boxes, for borders or as a pot plant of value. Pkt. 15c.

### LOBELIA "SNOWBALL."

This beautiful new Lobelia is a decided acquisition and will be welcome to every flower lover. The plant forms compact, globular bushes, is of quick, robust growth, producing a great profusion of lovely snow white flowers, completely covering the plant. For large beds, as a border plant or for porch boxes and pot culture it can be highly recommended. Combined with blue Lobelias a grand display may be obtained in the garden. Pkt. 15c.

### BUSH ESCHOLTZIA.

#### Hunnemania.

Grows into a bush 2 feet high, with the beautiful foliage of the Escholtzia enlarged. Large cup-shaped flowers, 3 inches across,



Lobelia, Snowball.

on stems 12 inches long; the color is a clear bright yellow, and contrasts brilliantly with the bunch of golden stamens in the center; the petals are broad, overlapping and crinkled like crushed yellow satin. Plants, from seed sown early, commence to bloom in July and continue to flower for months. Cut flowers keep in water two weeks. Pkt. 10c.

### MAMMOTH BLUE DAISY OR MARGUERITE.

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



Mammoth Blue Daisy.

### AUSTRALIAN GOLDEN DAISY. Dimorphoteca.

A rare and extremely showy annual from South Africa, soon to become a great favorite on account of its easy culture and beautifully colored flowers. The plants grow 12 to 15 inches high and are very profuse in flowering. Its Marguerite like blossoms, 2½ to 2¾ in. in diameter, show a unique glossy rich orange gold, which brilliant coloring is rendered the more conspicuous by the dark disc surrounded by a black zone. Well adapted for groups or borders, it produces its pretty flowers very early after being planted out in the open ground in sunny situations and will continue to flower during the summer months. Pkt. 15c.



Australian Golden Daisy.





Christmas Tree Comet Aster.

**CHRISTMAS TREE COMET ASTER.****"ROYAL ROSE."**

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

**CHRISTMAS TREE COMET ASTER.**  
**"BRILLIANT CARMINE."**

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

**NEW ANNUAL SWEET WILLIAM.**

One of the finest novelties of the season. The old favorite Sweet William, as all know, does not flower until the second year from seed, but this new type commences blooming in early summer from spring-sown seed and continues in flower several weeks. The plants produce fine heads of bloom of various colors and are fragrant. Pkt. 10c.

**TO OUR ILLUSTRATIONS ON BACK COVER.****OUR TWENTY-FIFTH ANNIVERSARY COLLECTION OF BEST VEGETABLES.****BEAN, MICHIGAN WHITE WAX.**

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

**CABBAGE, NEW CENTURY.**

The very best late Cabbage for general use, being very hardy and sure to head when most sorts fail. It seems to suffer less from the Cabbage worm than any other sort. Plant is very compact, with short, thick leaves. The heads are regular, very hard, and keep well both summer and winter. Pkt. 10c; oz. 25c; ¼ lb. 80c; lb. \$2.75 postpaid.

**MUSK MELON, HYBRID CASABA.**

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

**LETTUCE, INCOMPARABLE.**

Unsurpassed as a head lettuce for market and general home use. Forms large, handsome heads that are very solid, with heavy, thick leaves. In quality it ranks very high, being tender, crisp and buttery, and of finest flavor. The outer leaves are of light green color, inner leaves a rich golden yellow. An excellent lettuce for midsummer planting, as it withstands the heat well, but equally desirable for early or late planting. We consider it one of the very best lettuces and one that is especially well adapted for our western climate. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50 postpaid.

**RADISH, WHITE DELICIOUS.**

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

**TOMATO, GIANT DWARF.**

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

**THIS COLLECTION OF SIX SPLENDID VEGETABLES, ONE PACKET OF EACH, FOR ONLY 40c POSTPAID.**



## SEED DEPARTMENT.

On the following pages we list the standard varieties and newer sorts of merit in **Vegetable, Flower and Farm Seeds**. Every variety listed is reliable and has our recommendation.

This department is under the personal management of our Mr. Arthur H. Luck, who is well known as one of the leading seed experts of the West, having had twenty years experience in the seed business. All orders entrusted to us will be conscientiously and promptly filled and dispatched.

**Our Seeds are not grown on a basis of cheapness, but of quality**, yet we aim to quote every item at reasonable prices, being satisfied with a small percentage of profit. It takes great care, costs much time and money to produce our **Selected Stock of Seeds** and such seeds cannot be sold cheaply. We do not handle cheap seeds.

This catalogue is intended to appeal to those seed buyers who want first class stock at the lowest prices consistent with such stock, buyers who can appreciate honest descriptions and illustrations, and who expect to receive seeds just as represented.

Owing to the unfavorable growing season the past year, there are decided shortages in crops, and therefore prices rule somewhat higher. We advise our customers to order early, as some items will not be procurable at any price later in the season.

**Market Gardeners** trade is especially invited; we can please you and all we ask is to give us a trial. Special Wholesale Price List for Market Gardeners is sent free to all who buy bulk seeds in large quantities.

**When to Order.** We will be prepared to fill seed orders when this catalogue reaches you, and we will be greatly obliged to our customers if they would order early, to avoid the rush which always comes late in the spring. Send in your combined orders of trees, seeds and plants, and we will send seeds at once and trees and plants when time for planting comes in your locality. You will find two places on the order sheet in our catalogue, one for trees and plants, and one for seeds. You will help us very much and there will be less delay in filling orders, if you will use the spaces as indicated.

**Remittances** can be made by P. O. Money Order, Express Money Order, or Bank Draft, and full amount should be sent with each order to avoid delays in shipping.

**Our Responsibilities.** All those who have never dealt with us we refer to "Union State Bank" or the "Beatrice National Bank." We have been in business for the past 25 years and fulfill all our promises.

**Postpaid by Mail.** We deliver postpaid by mail or express any seeds offered in this catalog "By Mail Postpaid."

**Seeds by Express or Freight** means that we deliver them to Express or Railroads here, and the purchaser pays all transportation charges on receipt of goods. We send \$10.00 orders of trees and plants freight prepaid, but cannot do so on seeds, except in packets, ounces and pounds, at mailing price.

**Special Discount on Seeds in Packets.** For every \$1.00 remitted for seeds in packets and ounces, you can order 25c worth of packets extra, thus: For \$1.00 sent order \$1.25 worth. For \$2.00 sent order \$2.50 worth, and so on. Remember this applies to seeds in packets and ounces only. All collections are excluded from this special discount. On orders for less than \$1.00 we give six 5c packets for 25c, or twelve 5c packets for 50c. This offer does not apply when discount is taken as per first offer in this paragraph.

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

**Foreign Orders.** To our customers in Australia, New Zealand, Mexico and other countries, we will ship Vegetable and Flower Seeds in packets, ounces and pounds, at mailing prices, provided the order amounts to \$1.00 or more.

**NOVELTIES AND SPECIALTIES ARE LISTED ON PINK PAGES IN CENTER OF CATALOGUE.**

San Jacinto, Cali., Aug. 15, 1910.

Your New Coreless Tomato beats anything I have ever seen in the tomato line; they have given us a wonderful yield.  
W. B. ROBBINS.

Remsen, Iowa, July 25, 1910.

The seeds purchased from your house have given the very best satisfaction. We have the finest Lettuce, Radish, Cabbage and Beans. Our Cabbage has very large, solid heads even at this early date, and the Savoy Cabbage is wonderfully fine. You will certainly receive more orders from us and neighbors.  
FR. SCHMIDT.

Table Grove, Ill., May 9, 1910.

The seed corn bought of you is indeed very fine corn. Many times have I bought seed corn, but have never received such fine corn as you sent. Upon testing I find it germinates 98 per cent.  
C. GRANDT.

Berlin, Maryland, Mar. 25, 1910.

Seeds received, and found them to be just as ordered, and everything reached me in fine condition. Your strains of seeds and seed corn are very fine.  
E. H. LEWIS.

Manchester, Okla., February 18, 1910.

Enclosed you will find order for \$18.00. Seeds received from you in the past have been of best quality. You certainly have the finest seeds I ever received. That is why I order again.  
ANDREW ZIEGLER.

Scottsbluff, Nebr., February 14, 1910.

I planted seeds from your house two years ago and they were all perfectly satisfactory. Last year I did not farm, so did not need any seeds. This year my order goes to you again.  
J. A. JOHNSON.

Georgetown, Mo., Jan. 20, 1910.

Enclosed find \$8.00 order for seeds. Your seeds last year were very good.  
H. H. MEIER.

Williamsville, N. Y., Jan. 23, 1910.

Your seeds have given the very best of satisfaction. I raised better vegetables on ground that had not been enriched for the past twenty years than my neighbor raised on ground that has been enriched every year. From your Onion seed I raised larger onions than my neighbors were able to raise from sets.  
WM. SCHUBERT.

Townsend, Mont., Jan. 17, 1910.

I received first premium on Cabbage and the same on Red Cabbage at the County Fair in Townsend; also received first premium at the Fair in Helena. The heads weighed 23 to 28 lbs. each. Your seeds certainly are O. K.  
OTTO HEINK.

Shive, Texas, Jan. 18, 1910.

Never have I had better seeds than yours. Your Vegetable Seeds have always been the very best and have given splendid results.  
R. NAUNDORF.



## OUR 25th ANNIVERSARY SPECIAL COLLECTIONS OF SEEDS.

For the benefit of our old patrons, as well as the new customers, we are offering these splendid collections of **Vegetable and Flower Seeds** on this page. The liberal patronage of our customers has in so large a measure contributed to our success that we feel we should reciprocate not only in furnishing the best quality in everything we sell, but also offer some special inducements to show our appreciation of your and your friends many favors.

**Notice.**—These collections will not be changed and our other discount offers do not apply to orders for these collections.

**\$1.00**

### COLLECTION OF BEST VEGETABLES.

**\$1.00**

**36 Varieties, all Good Reliable Sorts.**

This collection consists of one full sized package each of the following kinds:

Early Yellow 6 Weeks Bean.	Early Curled Lettuce.	Early Scarlet Turnip Radish.
Kentucky Wonder Pole Bean.	Hanson Head Lettuce.	Cincinnati Market Radish.
Blood Turnip Beet.	Emerald Gem Musk Melon.	Long Standing Spinach.
Snowball Cauliflower.	Cole's Early Watermelon.	Summer Squash.
Early Winningstadt Cabbage.	Kolbs Gem Watermelon.	Mammoth Salsify.
Premium Flat Dutch Cabbage.	Prizetaker Onion.	Early Beauty Tomato.
Half Long Danvers Carrot.	Red Wethersfield Onion.	New Globe Tomato.
Golden Dwarf Celery.	Moss Curled Parsley.	White Flat Dutch Turnip.
Early Minnesota Sweet Corn.	First and Best Peas.	Yellow Rutabaga.
Boston Pickle Cucumber.	Guernsey Parsnip.	Dwarf German Kale.
Green Curled Endive.	Ruby King Pepper.	Garden Cress.
Large London Leek.	Large Cheese Pumpkin.	Mixed Herbs.

These 36 Packages will be sent by mail to any address in the U. S  
for only \$1.00. Regular price would be \$1.90.

**\$1.50**

### LARGE VEGETABLE GARDEN COLLECTION.

**\$1.50**

Will be sent by mail postpaid for only \$1.50. Regular Price \$2.45.

½ Pt. Beans, Early Valentine.	Oxheart Carrot.	Guernsey Parsnip.
½ Pt. Peas, Early Dwarf.	Golden Dwarf Celery.	Ruby King Pepper.
½ Pt. Sweet Corn, Large Sugar.	Everbearing Cucumber.	Large Cheese Pumpkin.
1 Oz. Beets, Blood Turnip.	Green Curled Endive.	Long Standing Spinach.
1 Oz. Water Melon, Dixie.	Large London Leek.	Summer Squash.
1 Oz. Onion, Red Wethersfield.	Early Curled Lettuce.	Mammoth Salsify.
1 Oz. Radish, Early Scarlet Globe.	Big Boston Head Lettuce.	Early Beauty Tomato.
	Burrell Gem Musk Melon.	New Globe Tomato.
1 Packet each of the following:	Ice Cream Water Melon.	White Flat Dutch Turnip.
White Wax Beans.	Prizetaker Onion.	Yellow Rutabaga.
Kentucky Wonder Pole Beans.	Moss Curled Parsley.	Dwarf German Kale.
Snowball Cauliflower.	Champion of England Peas.	Curled Garden Cress.
Early Spring Cabbage.	Iceicle Radish.	Mixed Herbs.
Large Brunswick Cabbage.	Long Red Radish.	

**50c**

### SMALL KITCHEN GARDEN COLLECTION.

**50c**

15 Packages for only 50c. Regular Price 80c.

1 Packet each of the following:	Burrell Gem Musk Melon.	Early Scarlet Globe Radish.
Best of All Beans.	Ice Cream Water Melon.	Long Standing Spinach.
All Seasons Cabba e.	Yellow Globe Onion.	Summer Squash.
White Spi Cucumber.	Gradus Peas.	Early Acme Tomato.
Early Curled Lettuce.	Ruby King Pepper.	Early White Turnip.
		Mixed Herbs.

## FLOWER SEED COLLECTIONS.

**50c**

### LARGE FLOWER GARDEN COLLECTION.

**50c**

Twenty-five regular size packets of choice Flower Seeds for 50c postpaid.  
Contains one packet each of the following varieties of easily grown Annuals:

Alyssum.	Calliopsis.	Dianthus.	Petunia.	Sweet Peas.
Amaranthus.	Calendula.	Escholtzia.	Pansy.	Verbena.
Anthirrhinum.	Candituft.	Dwarf Morning Glory.	Poppy.	Wallflower.
Asters.	Chrysanthemum.	Marigold.	Portulacca.	Zinnia.
Balsams.	Centaurea.	Nasturtium.	Scabiosa.	Cypress Vine.

**25c**

### POPULAR COLLECTION.

**25c**

Twelve regular size packets of nice varieties, all Annuals.

Asters.	Dianthus.	Pansy.	Sweet Peas.
Calliopsis.	Escholtzia.	Petunia.	Verbena.
Campanula.	Mignonette.	Poppy.	Zinnia.





## VEGETABLE SEEDS.

Every effort possible is used in the selection of our seeds, and we feel justified in saying that all our seeds are the purest and best to be had. The packages are, we believe, better filled than most seedsmen send out, while our prices are as low as those of any other reliable firm.

Novelties and Specialties are Described on Colored Sheets, in center of catalog.

### ARTICHOKE.

Seeds may be sown indoors and plants potted same as the Tomato and set out in May, or can be sown in hills outside, and thinned out to one plant in a hill. The plants thrive best in deep, rich soil, where the water will not lodge about them in winter. Plants are set in rows 3 feet apart and 2 to 3 feet apart in the row.

**Large Green Globe.** The well known French vegetable. The undeveloped flowerheads when properly prepared make a most delicious dish. Packet 5c; ounce 30c; ¼ lb. \$1.00 postpaid.

### ASPARAGUS.

In early spring sow the seed, after soaking it 24 hours in warm water, in drills one foot apart, and one inch deep. During the summer keep the soil mellow and free from weeds, thinning the plants to four inches apart. The following spring transplant them into permanent beds that have been deeply dug and highly manured. 1 ounce of seed to 50 feet drill; 5 pounds to the acre.

**Early Giant Argenteuil.** The earliest large green sort. Best for gardeners. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.00 postpaid.

**Conover's Colossal.** A mammoth green sort of the best quality. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 50c postpaid.

**Palmetto.** An early green sort, prolific and very desirable. Is fast becoming the favorite everywhere. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 60c postpaid.

**Columbian Mammoth White.** This variety is in great demand because it furnishes white shoots. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c postpaid.

**Bonvallet's Giant.** The most vigorous and healthy of all varieties of Asparagus and the best for both home and market use. In those localities where once tried, this sort soon displaces all others. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.20 postpaid.

Asparagus Roots. See page 31.



Brussels Sprouts.

**Dwarf Green German.** Hardier than Cabbage, leaves very tender, finest flavor. Immense quantities are grown in the South and shipped to northern markets. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c postpaid.

**Dwarf Purple German.** A variety of the preceding, and identical with it, except in color, which is a beautiful deep purple. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00 postpaid.

**Tall Green Curled Scotch.** This is one of the most popular varieties. It is very hardy, and is much improved by frost. Grows 2 feet high. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 85c.

### BROCCOLI.

Sow seed in central West early in May, transplant in June. Growth and habit like Cauliflower, but far more hardy. Of special value in the North. One ounce will produce 2500 plants.

**Large White.** Produces large, white heads. Pkt. 5c; oz. 30c; ¼ lb. \$1.00 postpaid.

### BRUSSELS SPROUTS.

This one of the best vegetables for winter use, producing an abundance of sprouts, resembling small cabbages; of excellent, mild flavor. By sowing in April and planting out in July, it may be had in fine condition until December, and in the southern states may be had from November to March.

**Improved Dwarf.** Of dwarf habit, a healthy grower, finest quality. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.50 postpaid.

### BORECOLE OR KALE.

The best plant for furnishing "greens." The greens are for fall, winter and spring use. Sow seed about the middle of June and later transplant to rows 2½ to 3 feet apart. The dwarf sorts may be sown later. Frost improves the quality. 1 ounce will produce 2500 plants.



Borecole, Dwarf German.





Corn Salad.



Curled Cress.



White Vienna Kohlrabi.



Leek.

## CHICORY.

The leaves are used as salad; roots are used to mix with or be substituted for coffee. Cultivate same as Parsnips. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 60c postpaid.

## COLLARDS.

**Georgia Mammoth.** A form of Cabbage extensively grown in the South for greens. They form large, open heads. Slightly freezing improves the quality. Give the same cultivation as Cabbage. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00 postpaid.

## CORN SALAD OR FETTICUS.

This small salad is used during the winter and spring months as a substitute for lettuce and is cooked and used like spinach. Sow seed in shallow drills one foot apart, during August or September or early in the spring. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c postpaid.

## CRESS OR PEPPER GRASS.

Cress should be sown in a sheltered spot in shallow drills. Sow seed thickly. In a month the plants will be ready to use. For continued use sow every few weeks.

**Curled Garden.** Much used with lettuce to the flavor of which its warm pungent taste makes a most agreeable addition. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 50c postpaid.

**Upland.** Has the highly prized flavor of water cress. It is so hardy as to be green nearly the whole year and is ready for use before any other salad in the spring. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 45c.

**Erfurt Water Cress.** The pleasant and peculiar flavor of the water cress causes it to be highly esteemed for table use. Will grow along margins of streams, creeks and ponds. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

## EGG PLANT.

Sow early in hotbed or house, plant out in June; is a very tender plant. One ounce will produce 1000 plants.

**New York Improved Large Purple.** This variety has about superceded all others both for market and home gardens. It is practically spineless, which is a great advantage. Pkt. 5c;  $\frac{1}{2}$  oz. 20c; oz. 35c;  $\frac{1}{4}$  lb. \$1.20.

**Black Giant Spineless.** Fruit large, jet black, of attractive appearance and entirely spineless. To be recommended for market and home use. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. \$1.00.

**White Pearl.** Best white variety. Fruit round, very tender and of excellent quality. Ripens early and is very productive. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 90c.

## KOHLRABI.

Cultivate like Cabbage and cook like turnips. In quality and taste far superior to turnips. If you have never grown this excellent vegetable, try some this year; you will be pleased. One ounce will produce 3000 plants and cover 200 feet drill.

**Sach's White Delicious.** Undoubtedly the finest market sort. Flesh white, tender and of delicate flavor. Ripens very early; foliage erect, short leaves. Hardier than any other variety. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 90c; lb. \$3.00 postpaid.

**Early White Vienna.** The finest market sort. Flesh white, tender and of delicate flavor. It is a much better tasting vegetable than turnips. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.85 postpaid.

**Early Purple Vienna.** Bluish purple; similar to the above except in color. Flesh white. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 55c; lb. \$1.85 postpaid.

## GERMAN CELERY OR CELERiac.

This popular German vegetable is worthy of more extended use. Keeps well all winter. It is much used in salads, and boiled like parsnips or turnips, it is a great favorite with lovers of celery.

**Celeriac or Turnip Rooted Celery.** Grown exclusively for its very tender marrow-like roots. The roots are cooked and sliced, used with vinegar they make an excellent salad. They are also used for seasoning meats and to flavor soups. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75 postpaid.

**Apple Shaped Celeriac.** Roots smooth, apple shaped; very tender and of finest flavor. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 70c.

## LEEK.

A species of onion highly esteemed for flavoring soups, being of more delicate flavor than the onion. Sow in seed bed middle of spring; when the plants are three or four inches high, transplant them into rows wide enough apart to admit the hoe between them.

**Large London.** The variety most generally grown and the best market sort. A large, strong plant with broad leaves of mild and pleasant flavor. Hardy. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25 postpaid.

**Giant Prizetaker.** On account of its size and attractive appearance, this variety is ideal for growing to show at exhibitions and market. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 75c.



**BEANS.**

**DWARF OR BUSH VARIETIES.**

Plant in drills 1½ inches deep and drop the beans 3 inches apart in the drills. The rows should be 2 to 3 feet apart. Beans are sensitive to both cold and wet, and cannot be planted until danger of frost is past and the ground has become dry and warm. A sandy loam soil is best. Up to the time of blossoming the plants should have frequent shallow cultivation. For succession plant every two weeks. 1 quart will plant 100 feet of drill; 1½ bushels per acre.

Deduct 15c from quart price if to be sent with other goods at your expense.

**DWARF WAX POD VARIETIES.**

**Hodson Wax.** A new and entirely distinct type of wax bean. Produces a healthy growth of foliage, resists rust and blight, and is remarkably prolific, with long, straight, handsome, light yellow, oval shaped pods. The pods are brittle and tender, and of fine texture, if picked when young are entirely stringless. Its good qualities and remarkable productiveness make it one of the best late or main crop wax beans for home garden or market. Pkt. 5c; ½ pint 15c; quart 40c postpaid. ½ peck 80c; peck \$1.50; bu. \$5.25 not prepaid.

**Michigan White Wax.** A white seeded Golden Wax Bean. The plant grows larger than Golden Wax, and produces an abundant crop of large, meaty pods, which are of a bright golden-yellow color and of superior quality. It is also a fine Bean when dried and used for soup and baking. Pkt. 10c; ½ pint 15c; quart 50c postpaid. ½ peck \$1.00; peck \$1.90; bu. \$6.00 not prepaid.

**German Black Wax.** Well known in many localities as Butter Beans. A very superior snap bean, ripening among the first earliest and almost as well suited for late planting. It is a sturdy grower and yields well. Pods are round, yellowish-white, tender and of fine flavor. Continues in bearing a long time. Seeds are glossy black. Pkt. 5c; ½ pint 15c; qt. 40c postpaid. ½ peck 85c; peck \$1.50; bu. \$5.00 not prepaid.

**Improved Golden Wax.** The standard variety of wax beans, well known and largely planted by market gardeners everywhere. Pods are large, long, brittle, entirely stringless, and of a beautiful rich golden wax color. As a snap bean it excels most other varieties in tenderness and rich buttery flavor, while as a shell bean for winter use, it has few or no superiors. It is a very prolific yielder. Seeds are white, mottled brown and purple. Pkt. 5c; ½ pint 15c; quart 40c postpaid. ½ peck 85c; peck \$1.60; bu. \$5.25 not prepaid.

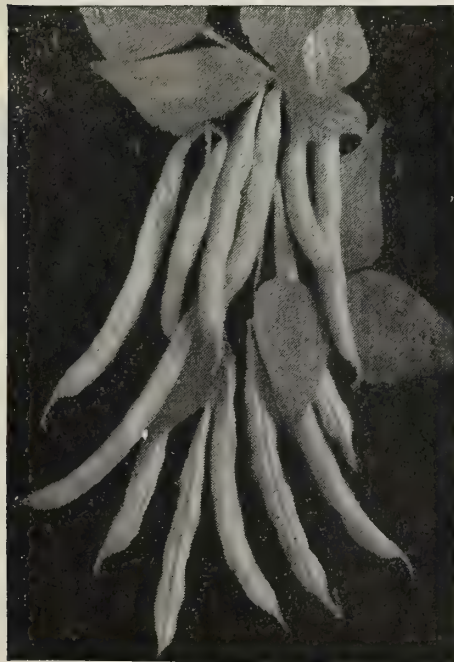


Golden Wax.



Wardwell's Kidney Wax.

**Continuity Brittle Wax.** An early prolific



New Royal Wax.

Wax Bean that continues in bearing longer than other kinds. Pods long, round, of beautiful yellow color; very brittle and tender, of extra fine quality. We recommend this variety very highly for market or home use. Pkt. 10c; ½ pint 20c; pt. 30c; qt. 50c postpaid. ½ peck \$1.00; peck \$1.75; bu. \$6.50 not prepaid.

**Wardwell's Kidney Wax.** An extra early prolific wax bean. Hardy and productive. Pods flat, of a delicate waxy yellow and very brittle. Seed white, mottled brown around the eye. A favorite with market gardeners and one of the best kinds for a main crop and field planting. Pkt. 5c; ½ pint 15c; qt. 40c postpaid. ½ pk. 85c; peck \$1.60; bu. \$5.00 not prepaid.

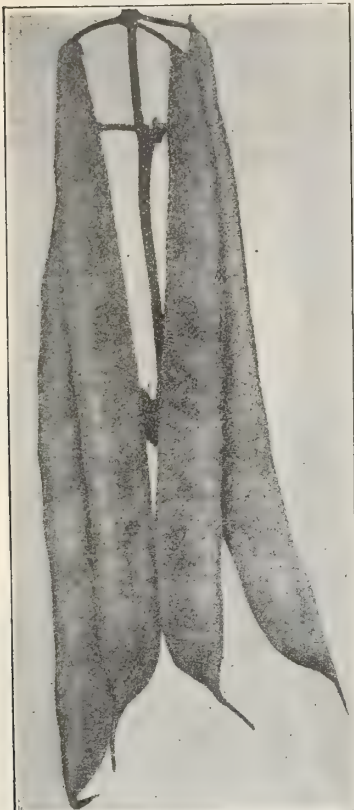
**Davis White Kidney Wax.** One of the leading wax Beans and immensely productive, bearing many clusters of handsome pods. The pods are straight and clear waxy-white, 5 to 6 inches long. In quality they are tender, crisp and of good flavor. One of the best wax beans for canning purposes as it does not discolor, and of the greatest value for market or the home garden. Pkt. 5c; ½ pt. 15c; qt. 40c postpaid. ½ pk. 80c; pk. \$1.50; bu. \$5.00 not prepaid.

**Yosemite Mammoth Wax.** A giant among beans. The pods, frequently reaching a length of from 8 to 10 inches, are of great thickness, rich golden yellow. Of most delicious quality. A fine bean for exhibition purposes and for home use. Ripens late. Pkt. 10c; ½ pint 20c; quart 50c postpaid. ½ peck \$1.15; peck \$2.00 not prepaid.

**New Royal Wax.** A novelty of great merit. The plant is vigorous, large, without runners, spreading, with large leaves. The pods are about 5 inches long, round, of a waxy yellow color; very brittle, entirely stringless, without fibre and unsurpassed in quality. Very early in season, ripening with the German Black Wax Bean, as prolific and as tender as the Crystal Wax. It will be much in demand by market gardeners and for home garden. The past season the Royal Wax Bean withstood the extremely dry weather splendidly, yielding well all through the season. A fine bean for our section. Pkt. 5c; ½ pint 15c; quart 45c postpaid. ½ peck 90c; peck \$1.75; bushel \$6.00 not prepaid.



## GREEN PODDED BUSH BEANS.



Burpee's New Stringless.

**Early Erfurt Broad Bean.** An improvement of the old English Broad or Windsor Bean. The plant is of robust and upright growth, entirely different from any other bean. Pods very long, broad and filled with 5 to 9 beans of extra large size and of most delicate flavor. The beans are used shelled and are superior in quality to Lima Beans. Can be planted early as they are quite hardy. Pkt. 10c; ½ pt. 20c; pt. 35c; qt. 60c postpaid. ½ pk. \$1.15; pk. \$2.00 not prepaid.

**Boston Pea Bean.** An improvement over the old Navy bean. A very prolific field bean, and largely grown in all sections where field beans are grown in a commercial way. Pkt. 5c; ½ pt. 12c; quart 35c postpaid. ½ pk. 70c; pk. \$1.20; bu. \$4.25 not prepaid.

**White Wonder.** The finest white field bean, a heavy yielder in all sections of the country. Pkt. 5c; ½ pt. 15c; qt. 40c postpaid. ½ peck 75c; peck \$1.35; bu. \$4.75 not prepaid.

## BUSH LIMA BEANS. GREEN POD.

Select land that is especially warm, rich, and well supplied with vegetable fibre or humus. Plant as soon as the soil has become warm in the spring. Make the rows 2 feet apart and give to each plant 10 inches space in the row.

**Henderson's Bush Lima.** This is a dwarf form and the earliest of the Limas. It grows about 18 inches high and produces immense crops of delicious beans. Does well in Nebraska. Pkt. 5c; ½ pt. 15c; qt. 40c postpaid. ½ peck 80c; peck \$1.50 not prepaid.

**Burpee's Bush Lima.** This is the true bush form of the Lima Pole Beans. It grows vigorously to a height of 18 to 20 inches, yielding from 50 to 100 pods, similar to those grown on the large Lima Pole Bean. Pkt. 5c; ½ pt. 15c; qt. 45c postpaid. ½ peck \$1.00; peck \$1.85 not prepaid.

**Dreer's Bush Lima.** Very prolific, single plants often producing from 150 to 200 pods, each pod holding 3 to 5 beans of excellent flavor. Does well even in a dry season and is well adapted to our western climate. Pkt. 5c; ½ pt. 15c; qt. 50c postpaid. ½ peck \$1.25; peck \$2.35 not prepaid.

**Burpee's New Stringless.** Considered the best green podded bush bean for general planting and for the market. The finely shaped pods are long, full and straight, entirely stringless and unsurpassed in crisp, tender flavor. For the market gardener this is a very profitable sort on account of its earliness and good quality. Pkt. 5c; ½ pt. 15c; qt. 50c postpaid. ½ pk. \$1.00; pk. \$1.75 not prepaid.

**Black Valentine.** This excellent variety is a great improvement over the popular standard sort Early Red Valentine, being one-third longer than that variety, pods perfectly round and straight, although not quite so early. It has the additional advantage of being suitable both for early and late planting, being extremely hardy. A most desirable sort for the market gardener, owing to its enormous yielding qualities, large and handsome appearance. Pkt. 5c; ½ pint 15c; quart 50c postpaid. ½ peck \$1.00; peck \$1.75; bu. \$6.50 not prepaid.

**Best of All.** A popular and very prolific sort. Pods nearly twice as long as those of the Valentine, very fleshy, tender, stringless and of excellent flavor. Pkt. 5c; ½ pt. 12c; qt. 35c postpaid. ½ pk. 70c; pk. \$1.25; bu. \$4.50 not prepaid.

**Improved Red Valentine.** Grows robust and vigorous, producing the round, curved pods very abundantly. The pods are remarkably fleshy and very tender, and remain on the plant a long time without becoming hard. Excellent in quality and uniformity of ripening; nearly the whole crop can be taken at one picking. Pkt. 5c; ½ pt. 12c; qt. 35c postpaid. ½ pk. 70c; pk. \$1.25; bu. \$4.50 not prepaid.

**Early Refugee or Thousand to One.** Very hardy, suitable for early and late planting. Pods are perfectly round, of pale green color, thick and fleshy, straight and with but very few strings. Especially desirable for pickling. Pkt. 5c; ½ pt. 12c; qt. 35c postpaid. ½ pk. 65c; pk. \$1.20; bu. \$4.35 not prepaid.

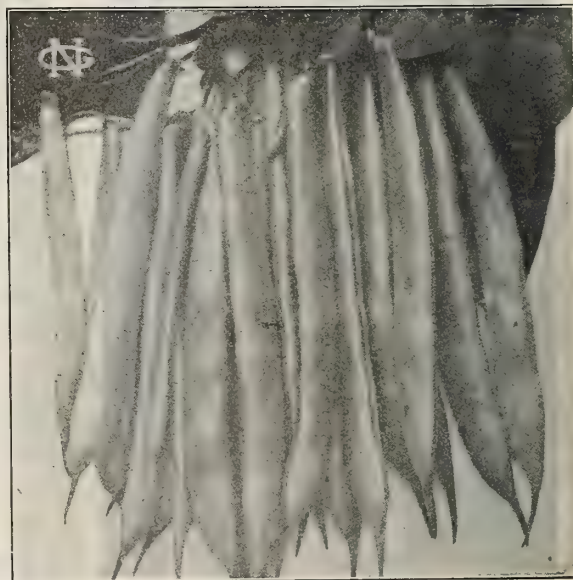
**Early Yellow Six Weeks.** Very early and a good yielder. Grows erect and bushy producing edible pods 30 days after germination. The pods are long, flat and straight. A standard sort and excellent snap bean. Very popular among market gardeners. Pkt. 5c; ½ pt. 12c; qt. 35c postpaid. ½ pk. 65c; pk. \$1.20; bu. \$4.35 not prepaid.



Henderson's Bush Lima

**Longfellow Stringless.** The vines are of very robust growth, and produce the pods in truly wonderful profusion. Pods are extra long, round and fleshy, very tender and absolutely stringless. As an early snap bean and for canning purposes unexcelled. Pkt. 5c; ½ pt. 15c; qt. 35c postpaid. ½ pk. 70c; pk. \$1.25; bu. \$4.75 not prepaid.

**Large White Marrow.** Excellent as a shelled bean for home use and market, the best cooking bean of all. The beans are ivory white and twice as large as the Navy. Pkt. 5c; ½ pt. 10c; qt. 30c postpaid. ½ peck 70c; peck \$1.20; bu. \$4.50 not prepaid.



Early Yellow Six Weeks.



## POLE OR RUNNER BEANS.

The Beans should be planted the middle of May if the season is suitable. Set poles 4 feet apart each way, and plant 4 to 6 beans, about 1 inch deep, around each pole. Thin out to 3 plants to a pole, if the soil is rich; pinch off the ends of plants when they overrun the top of the poles, to effect more perfect growth below. They succeed best in sandy loam. 1 quart will plant about 100 hills.

**Golden Cluster Wax.** It bears profusely its long golden pods in clusters of three to six, and continues in bearing from the middle of July until the vines are cut by frost. Pods are 7 to 8 inches long and about an inch in width. They are fleshy, absolutely stringless and very brittle, while their flavor is delicious. Pkt. 10c; ½ pt. 20c; qt. 60c postpaid. By express ½ peck \$1.35; peck \$2.50 not prepaid.

**Prosperity Golden Wax.** The finest wax pole bean. Very early and a great and continuous bearer. Pods golden yellow, long and fleshy, entirely free from strings, very tender, brittle and of exceptionally fine flavor. Pkt. 10c; ½ pt. 20c; qt. 60c postpaid. ½ peck \$1.50; peck \$2.75 not prepaid.

**Lazy Wife.** This sort is popular in many localities. As its name indicates, a hand full of choice stringless pods at a single grab. The pods are broad, thick, very fleshy and entirely stringless and possesses a rich buttery flavor when cooked. The beans are white and make a good dry bean for winter use. Pkt. 5c; ½ pt. 15c; qt. 45c postpaid. ½ peck 95c; peck \$1.75 not prepaid.

**Cut Short or Corn Hill.** An old variety popular for planting with corn. Pods short, round and tender; beans nearly round, white with reddish brown spots. Pkt. 5c; ½ pint 15c; qt. 40c postpaid. ½ peck 80c; peck \$1.50 not prepaid.

**Kentucky Wonder or Old Homestead.** Vine vigorous, climbing well and very productive, bearing its pods in clusters; pods green, very long, often reaching nine or ten inches, nearly round and very crisp. Ten days earlier than any other green podding pole bean. A good market sort. Pkt. 5c; ½ pt. 15c; qt. 40c postpaid. ½ peck 80c; peck \$1.50 not prepaid.

**Extra Early Jersey Lima.** This variety matures earlier than the Large White Lima. Pods contain three and four large beans each. Splendid quality. Good market sort. Pkt. 5c; ½ pt. 15c; quart 45c postpaid. ½ peck \$1.00; peck \$1.75 not prepaid.

**Large White Lima or Butter.** Productive, large flat pods; rich and of finest flavor. The dry beans are white. Pkt. 5c; ½ pt. 15c; qt. 40c postpaid. ½ peck 75c; peck \$1.40 not prepaid.

**Yard Long.** A great curiosity, and withal a bean of excellent quality. Pods usually 18 to 24 inches but frequently 30 inches and sometimes 36 inches in length. An excellent table vegetable. The pods being tender and of a rich asparagus flavor. Per pkt. 10c; 3 pkts. for 25c.

**Scarlet Runner.** Grown extensively for ornamental purposes, as flowers are a most brilliant scarlet and borne profusely. Beans are broad and flat, and of a fine flavor when cooked. A hardy, vigorous grower. Pkt. 10c; ½ pt. 20c; quart 60c postpaid.



Golden Cluster.

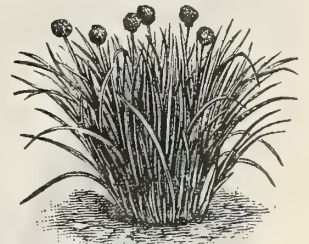
## MISCELLANEOUS VEGETABLES.

### ALPINE EVERBEARING STRAWBERRIES.

These grow freely from seed and fruit the first summer. In March or April sow seed under glass, and in May transplant to the open ground. By the first of July they commence blooming, and the first fruit ripens about the 15th of that month. From that time there is ripe fruit continually until late in October. The berries, while not so large as the garden varieties, are much higher flavored. A few of them will perfume a whole room, so great is their delicious aroma. Perfectly hardy. Can be grown in pots in the house very easily. Pkt. 10c; 3 pkts. for 25c.

### CHIVES.

Perfectly hardy little perennial members of the onion tribe, and are grown exclusively for their tops, which are used wherever the flavor of onions is required. The tops appear early in spring, and can be shorn throughout the season as needed. Pkt. 5c; ½ oz. 30c; oz. 50c; roots per bunch 15c; 10 for \$1.25 postpaid.



Chives.

### CHUFAS.

**Earth Almond.** A nice small ground nut which is greatly liked by the children. In sweetness and flavor they resemble the cocoanut or almond and are considered very nice to put on the table in a fruit dish with candies, and as an after dinner relish. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 45c postpaid.

### MUSTARD.

**White.** The best for salad or culinary purposes. Oz. 5c; ¼ lb. 15c; lb. 40c postpaid.

**Southern Giant Curled.** This mustard is very highly esteemed in the South, where the seed is sown in the fall and the plants used very early in the spring as a salad. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c postpaid.

### POMEGRANATE.

An ornamental little fruit which a century ago was commonly grown in the gardens, but is now rarely seen. Grows on a pretty vine. Fruit is round, of a bright yellow, irregularly striped with orange red or mahogany; very fragrant; a single specimen will sweetly perfume a room for many days. The fruit, served with sugar, makes a dainty dessert. Pkt. 5c; oz. 25c.



Southern Giant Mustard.



## BEETS.

The soil for Beets should be rather light and well enriched. Sow in drills one foot apart and one inch deep, as early as the ground can be worked, continue for a succession as late as the middle of July; when the plants are large enough thin out to stand six inches apart in rows. One ounce to 50 feet of drill; 5 to 6 pounds to the acre in drills.



**Crimson Globe.**

fectly smooth and round; skin and flesh intense red; very fine grained. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 65c postpaid.

**Dewing's Early Blood Turnip.** Excellent for late planting, a favorite with market gardeners. Is of globe shape, deep blood-red flesh, very tender and juicy and a good keeper. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 75c postpaid.

**Half Long Blood.** An entirely distinct variety, and the best for winter use. The roots are thick and smooth; flesh a rich dark red, crisp, tender, and very sweet, never becoming woody and retaining the excellent quality longer than other sorts. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 65c postpaid.

**Long Blood Red.** An old standard variety. Matures rather late, but is of fine quality and an excellent keeper. Resists drought better than any other variety, and is considered one of the best beets for the home garden. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 15c; lb. 45c postpaid.

**Swiss Chard or Silver Beet.** A distinct vegetable and much superior to the common beets for greens. If sown at the same time, it will be fit to be used before them. Later the plants form broad, flat, beautiful white and wax-like stems to the leaves, which are cooked the same as asparagus. Swiss Chard is of superior quality to spinach and ordinary beet greens. Try this splendid vegetable once and you will always plant it again. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c postpaid.



**Giant Half Sugar.**

**Crosby's Egyptian.** An improved strain of the Early Egyptian. The roots are of perfect shape when small, making a good beet for bunching. Uniform in size and shape, with small tops and tap root. A most desirable sort for the market as well as for home use. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 65c postpaid.

**Crimson Globe.** An extra early variety of medium size and globe shape. Entirely free from rootlets, very smooth and of a rich, deep red color. Flesh is of the finest quality, always sweet and tender. Foliage is small and of a bronze purple color. A money maker for the gardener and unequalled for the home garden. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00 postp'd.

**Early Model.** Extremely early, of perfect globe shape and finest quality. The foliage is very small. The beets are always smooth and of the deepest red color, while they quickly attain a good size. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00 postpaid.

**Early Blood Turnip.** This is an old standard variety, well known in all localities and largely planted for family use. The roots are of a deep red color, tender and delicious, and of good keeping qualities. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 70c postpaid.

**Early Eclipse.** Remarkable for rapid growth. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 65c postpaid.



**Crosby's Egyptian.**

## MANGEL WURZELS.

Extensively grown for feeding stock. No crop pays the farmer and stock raiser better than mangels. Easily grown and they keep your stock in good condition and free from disease. The mangel is a surer crop than any other root, withstands drought better and is more fattening than the turnip. Sow in April or May in drills three feet apart, and thin out to 10 inches in the row. 5 to 6 lbs. of seed per acre.

**Giant Half Sugar Mangel.** The roots of this new Mangel are more valuable, pound for pound, than those of the best strains of Sugar Beets, supplying food and very much higher nutritive value, and not only are they of better quality, but they yield more than twice as much. The roots grow partly out of the ground which renders the harvesting very easy. Oz. 5c;  $\frac{1}{4}$  lb. 15c; lb. 40c postpaid. 5 lbs. by express not prepaid \$1.25.

**Mammoth Long Red.** This is an enormously productive variety, a single root often weighing from 20 to 30 pounds. It is the best long Mangel, and of great value for stock feeding. Oz. 5c;  $\frac{1}{4}$  lb. 15c; lb. 35c postpaid. 5 lbs. by express not prepaid \$1.25.

**Golden Tankard.** The best Yellow Mangel in cultivation. A distinct and valuable yellow-fleshed variety which contains a large percentage of sugar. It is more relished by milch cows and sheep than any other. Oz. 5c;  $\frac{1}{4}$  lb. 15c; lb. 40c postpaid. 5 lbs. by express not prepaid \$1.25.

**Red Globe.** An excellent variety for shallow soils. Yields well and is of high feeding value. Oz. 5c;  $\frac{1}{4}$  lb. 15c; lb. 35c postpaid. 5 lbs. by express not prepaid \$1.25.

—:o:—

Rutherford, Ariz.,

Seeds ordered from you arrived here in fine shape today. The packages came in the very best condition. Have never received such well packed packages through the mail from any other house. You may expect my patronage in the future for seeds and trees.

J. J. SULLIVAN.



**SUGAR BEETS.**

Sugar Beets are grown on a large scale throughout the West. In Colorado large tracts are devoted to the culture of Sugar Beets annually and the crop is sold to the Beet Sugar Factories at a handsome profit for the planter. When planted for this purpose 12 to 20 pounds of seed per acre is the usual quantity. For stock feeding the sugar beets are superior to mangels. Our seed is grown by foremost growers in Europe, who have made the growing of sugar beets their speciality for many years. Write us for prices on large orders.

**Klein Wanzleben.** Selected Stock. This variety has proved to be a very valuable sort, not only in foreign countries, but as well in Colorado and other sections of this country. It has a rather long, slender root, very rich in sugar, and is claimed to yield under average conditions about sixteen tons to the acre, containing 12 to 13 per cent of Sugar. Oz. 5c; ¼ lb. 15c; lb. 35c postpaid. 10 lbs. \$2.25 not prepaid.

**French Red Top.** It unites capacity for a large yield with an exceedingly rich flesh, making it the best kind for cattle feeding. Roots above medium size, long, top-shaped, flesh fine grained and very sweet. Of much value for feeding to milch cows and will add greatly to the milk production as well as to its richness. Oz. 5c; ¼ lb. 15c; lb. 35c postpaid. 10 lbs. \$2.00 not prepaid.

**Lane's Imperial.** Grows to a large size, will yield almost as much in bulk as the best Mangels, and contains a large per cent of sugar. The roots are smooth, broad at the shoulder and gradually taper to the base. Oz. 5c; ¼ lb. 15c; lb. 35c postpaid. 10 lbs. \$2.00 not prepaid.



Klein Wanzleben Sugar Beet.

**CAULIFLOWER.**

Sow the seed in a hot-bed in January or February, and when the plants are large enough transplant three inches apart in boxes until time to plant out. If hardened off they are seldom injured by planting out as early as the ground can be properly prepared, 2½ feet apart each way. Keep well hoed, watering freely in dry weather, and especially when they begin to head. The late varieties mature in the autumn, and are sown and managed similar to winter cabbage. Any soil that will grow cabbage will grow cauliflower, but rich, moist soil is preferred. Cauliflower is one of the most delicious vegetables.

**Earliest Dwarf Erfurt.** The best variety for forcing and earliest in open ground. Our strain of Erfurt Cauliflower has given the best satisfaction and can be relied upon to produce true to name, and will be found unsurpassed in earliness, purity of color, dwarf habit, fine grain and solid heads. It produces smoothly rounded heads which are of uniformly even size, fine grained, compact and pure white. Plants are of very dwarf growth and remarkable for their reliability in heading and fine quality. If planted in rich soil at proper season, heads 8 to 10 inches in diameter can be marketed in July. Pkt. 10c; ½ oz. \$1.35; oz. \$2.50; ¼ lb. \$9.00.

**Early Snowball.** A well known variety producing very early, fine grained, smooth heads, which are compact and even in size. The plants are of dwarf habit. On account of the short outer leaves the plant can be set out as close as 18 to 20 inches apart each way, a point of great value to market gardeners. Equally good for forcing or planting in open ground for main

crop. We obtain our seed from the most reliable growers in Denmark. Pkt. 10c; ½ oz. \$1.25; oz. \$2.25; ¼ lb. \$8.50.

**New Danish Giant.** The dry weather Cauliflower. This new and desirable Cauliflower originated in the same locality in Denmark which produced the Snowball. The heads are of large size, pure white and very solid. It also has large leaves which help to protect the head. It is later than the Snowball and has proven much more desirable for growing in the open ground and does well in dry seasons when other varieties show failure. We can highly recommend this sort. Pkt. 15c; ¼ oz. 75c; ½ oz. \$1.40; oz. \$2.60.

**First of All.** The Cauliflower for all northern countries. Extra early, maturing its large, very solid heads in an extremely short time. Heads pure white, hard as stone. In quality unexcelled. Leaves dark green and curled. Pkt. 10c; ½ oz. \$1.00; oz. \$1.75; ¼ lb. \$5.00.

**Early Favorite.** Very early and a sure header. Of dwarf growth, with short leaves. Can be planted early or late for forcing or growing in open ground. Will stand heat and drought well. Packet 5c; ½ oz. 45c; oz. 75c; ¼ lb. \$2.50.

**Early Paris.** Very popular early sort, forming medium sized, compact heads of excellent quality and flavor. The leaves are large, stalk short. For the home garden a very satisfactory variety. Packet 5c; ½ oz. 45c; oz. 75c; ¼ lb. \$2.15.

We wish to thank you for the nice seeds and extra packets received from you. Everything was received in the very best condition.

Okawville, Ill.

HENRY OBERMEIER.



Earliest Dwarf Erfurt.



Early Paris.



## CABBAGE.

For early summer use sow in hotbed in February or March. Before transplanting to open ground the plants should be hardened off by exposing them gradually to the night air. For winter use sow in the open ground in May or June. When five or six inches high, transplant in rows two feet apart one way, and 12 to 18 inches the other, according to variety, burying to the first leaf, whatever the stem length. Hoe frequently, drawing the earth up about the plants until they begin to head. Requires a deep, rich soil. One ounce will produce 3000 plants. Use "Slug Shot" to kill worms and insects. Dusting with tobacco dust, insect powder, etc., or splashing with hot soapsuds, especially Whale-Oil Soap solution, are good remedies for some of the insect pests attacking the plants.

**Cabbage Seed is a very short crop this year.**

**Please order early.**

**True Early Jersey Wakefield.** Selected Long Island Grown Stock. Considered the very best first early variety, suited for market and family use. The heads begin to mature the latter part of June and may be cut in succession for several weeks. Heads are solid and conical in shape, with blunt point, and have but few outside leaves. Most gardeners depend on this cabbage for the bulk of their extra early crop. Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.50 postpaid.

**Early Spring.** This famous extra early cabbage has in a very short time reached the greatest popularity. It is of the type of the Early All-Head, but with a smaller head, maturing about the same time as the Wakefield. One of its claims to superiority is the remarkable uniformity of the heads. It is round in shape, slightly flattened, very solid, even when young. Has very small outside leaves, allowing close planting. In productiveness it is second to none of all early varieties. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00 postpaid.

**All Seasons.** (Or Vander-gaw.) One of the best sorts for market gardeners, as it forms large, solid heads, much larger than the Early summer and about as early; when planted later, it makes a first class Fall and Winter sort. One of its main qualities is its almost absolute certainty to head. A most excellent variety either for early, or for fall or spring market. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.85 postpaid.



Early Jersey Wakefield.

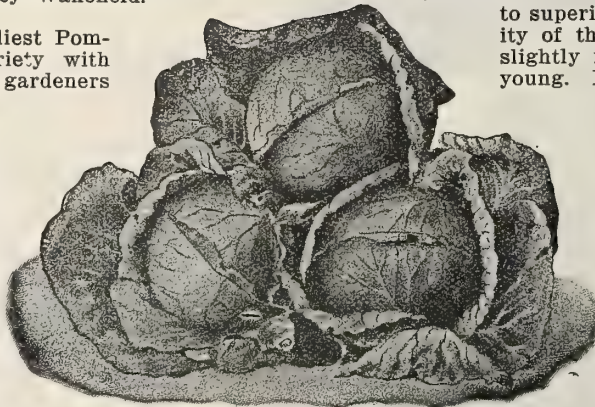
**Early Filderkraut.** (Or Earliest Pommerian.) An extra early variety with pointed, solid heads. Many gardeners consider this the earliest variety and surest header of all early cabbages. The heads are of good size, with but few outer leaves. Owing to its great drought resisting qualities this cabbage is especially recommended for our western states. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.85 postpaid.

**Early Winningstadt.** A well known and very popular variety. Early, heads large, decidedly conical; solid and hard even in summer. This is a very sure heading variety, valuable not only for early use, but also for late planting to be used for winter cabbage. A splendid all-round sort. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.75 postpaid.

**The Glory.** Best early sure heading variety. It is a vigorous grower, forming large, compact heads, which are of a nice yellowish-green color. It has only a few outer leaves and can be planted closely. The heads are as round as a ball. An excellent market sort, combining all the good qualities one may expect of an early cabbage. Excellent for first early and late plantings. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50 postpaid.

**Danish Ball Head.** For main crop and late planting, being one of the best keepers of all winter cabbages. It thrives well on thin soils and in highly exposed locations. The heads are of good marketable size, not so large as Flat Dutch, but very hard, round, fine grained, and will weigh more than other varieties of equal size. It is the ideal cabbage for the market gardener. Pkt. 10c; oz. 25c; ¼ lb. 85c; lb. \$2.75 postpaid.

**Erfurt Round Sugar.** (Golden Sugar Winter.) This excellent variety is entirely distinct in character and color, makes a very hard head and has a short stem; its special feature is the golden color after being put up, best for "kraut." This variety is medium late, is perfectly solid at maturity and does not crack. Pkt. 10c; oz. 25c; ¼ lb. 85c; lb. \$2.75 postpaid.



The Glory.



Danish Ballhead.



**CABBAGE.—Continued.**

**Volga.** The great new Russian Cabbage. This is one of the best large Cabbages ever introduced. For uniformity in growth, shape of head and hardiness we have never seen its equal in a large heading variety. Plants set out July 9th on very ordinary soil with no manure or fertilizer produced large, solid hard heads by the 10th of October—two or three weeks earlier than other large kinds. The plant is nearly all head, having few outside leaves. The heads are nearly as round as a ball and almost as hard and solid as Danish Ballhead, while they are much larger and heavier, often weighing 15 lbs. each. It heads so uniformly that hardly a plant in 500 will not produce a good large solid head. It will yield more tons per acre than almost any cabbage we know of. Pkt. 10c; oz. 30c; ¼ lb. \$1.00.

**Brunswick Large Late Flat.** Very fine late variety with short stem, producing large, fine heads, which are uniform in size and always very solid. Quality the very best. The heads maintain their shape and solidity during the period of storage. Can be grown either as second early or late sort. One of the finest sorts for "kraut." Pkt. 5c; oz. 25c; ¼ lb 75c; lb. \$2.50 postpaid.

**Marblehead Mammoth.** A large headed variety of the drumhead type, considered to be the largest cabbage in cultivation. Under good culture it forms compact, solid heads, weighing from 30 to 40 pounds each. Largely grown in some sections in the South. It is not considered a very good keeper. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.75 postpaid.

**Premium Late Flat Dutch.** As a variety for winter market it has no superior. Heads large, bluish green, round, solid, broad and flat on top, they open white and crisp, are tender and well flavored. It is a fall and winter variety, and one of the very best to keep. No cabbage is so universally grown as this. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.25 postpaid.



Brunswick Large Late Flat.

**New Century.** The very best late Cabbage for general use, being very hardy and sure to head when most sorts fail. It seems to suffer less from the Cabbage worm than any other sort. Plant is very compact, with short, thick leaves. The heads are regular, very hard, and keep well both summer and winter. Pkt. 10c; oz. 25c; ¼ lb. 80c; lb. \$2.75 postpaid.



Premium Late Flat Dutch.

**Sure Head.** A well known variety, producing large, round heads, slightly flattened and is remarkable for its certainty to head. A vigorous grower and one of the best cabbages for late or main crop. Heads are remarkably uniform, very hard and exceedingly fine in texture, weighing about 10 to 15 pounds each. This variety is of very fine flavor, a fine keeper and good for shipping. Every market gardener and farmer will be suited with this splendid cabbage. Pkt. 10c; oz. 25c; ¼ lb. 80c; lb. \$2.75 postpaid.



Sure Head.

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Sharon Springs, Kans.

Enclosed find my order for garden seeds. I do not want to miss getting your seeds, as I had one of the nicest gardens I ever raised last year. The seed came up fine, and I do believe I had 1000 cabbage plants from two packets of seed and it headed fine. MRS. R. A. FREEMAN.

Paris, Ills., June 15, 1910.

I sowed one package of Volga cabbage seed, which I received from your firm, and they are as fine plants as I ever saw. H. L. ESTES.

Townsend, Mont., Jan. 17, 1910.

I wish to express my thanks for the cabbage received from you last spring. I took some heads to the county fair here in Townsend and received first prize for them and the Red Cabbage too. Then I sent four heads to the State Fair at Helena, and also received first prize for them there. Weight of cabbage heads were from 23 to 28 lbs. each, and Red Cabbage from 14 to 18 lbs. each. My garden is next to the street, so when the farmers passed here they always stopped and looked at the nice cabbage.

OTTO HEINK



## SAVOY CABBAGE.

The Savoy Cabbages require the same culture as the common cabbage. They have finely curled leaves and are of superior flavor and better quality than the other sorts. Preferred by many to all other cabbages, especially for home use, and in some markets they are always in demand at high prices. Once planted they are always sown again the next season.

**King of Earliest Savoy.** The earliest of all the Savoy Cabbages. Forms medium sized, very solid heads of conical shape, with blunt point; leaves finely crimped. Superior in flavor to the smooth leaved cabbages, its delicious flavor is like that of Brussels Sprouts. Without question the earliest and finest Savoy for field culture; of equal value to the market gardener and private garden. Pkt. 10c; oz. 25c; ¼ lb. 75c.

**Large Drumhead Savoy.** This is an excellent winter and spring cabbage, forming nice solid heads, with curly outer leaves. Superior in flavor to the ordinary or smooth leaved sorts. The plants are strong and vigorous, and withstand the ravages of the cabbage worm better than other sorts. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00 postpaid.

**Berlin Golden Savoy.** A new sort from Germany. Excellent medium early variety of golden yellow color. Finely curled outer leaves. Superior quality and long keeper. Perhaps the finest of all Savoy Cabbages for the home garden. Pkt. 10c; oz. 25c; ¼ lb. 75c.

## RED CABBAGE.

**Zenith Red.** This new variety produces solid heads of rich, deep blood-red color, ripens medium early. The heads are of medium size, fine ribbed and with but few outer leaves. It is of excellent quality and a good keeper. Without doubt the finest early red cabbage ever introduced, valuable for the market and for home consumption. Pkt. 10c; oz. 25c; ¼ lb. 75c postpaid.



King of Earliest Savoy.

**Mammoth Red Rock.** The largest and surest heading variety of the red cabbages. The plant is of vigorous growth and forms round solid heads of deep red color. In quality and flavor it is considered to surpass any green cabbage. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00 postpaid.

**New Red Polish.** Very hardy, short stemmed, with extremely solid heads of dark red color. The outside leaves are somewhat crumpled at the edges, giving the head a fine appearance. There are but few outer leaves, therefore the plants may be set closer in the rows. A splendid medium late variety. Quality is excellent. A long keeper, and very profitable red sort that will prove satisfactory in all respects. Pkt. 10c; oz. 25c; ¼ lb. 75c.

Lane, Idaho.

The seeds arrived today in perfect condition. I am well pleased, so is my neighbor. I note your packets are large and well filled. I wish to thank you for promptness and accuracy, also for liberal premiums. I have loaned out your catalogue and hope that you may secure many more orders from neighbors and friends here.

E. HASKINS.



Large Drumhead Savoy.

## GARDEN HUCKLEBERRY. (Solanum Nigrum.)

Also called Wonderberry. This new fruit can be grown from seed the first year and produces berries about as large as an average sized gooseberry. The color is jet black, and when cooked is very palatable. Mr. William Daniel of Sandusky, O., writes:—"For canning, preserving, and pies, they are excellent, finely flavored and cannot be surpassed by any other berry. This berry needs very little sugar to sweeten it and no other berry is as productive and profitable." Plant seed in a box or pan in early spring, and when danger of frost is over plant out 2x4 feet. Cultivate same as tomatoes. They grow easily everywhere and are immensely productive. The ripe berries make better pies, jelly and sauce than the wild huckleberry. For winter use take up just before frost, store where they won't freeze and delicious fruit can be picked all winter. Pkt. 10c; 3 pkts. for 25c.

## LENTILS.

Used in oriental countries as principal article of diet. Splendid for soups and also used extensively for pigeon food. Cultivate same as peas. Large pkt. 5c; lb. 30c postpaid.

I tried a collection of your seeds last year. The Volga Cabbage and Coreless Tomatoes are fine. I will buy your seeds again this year.

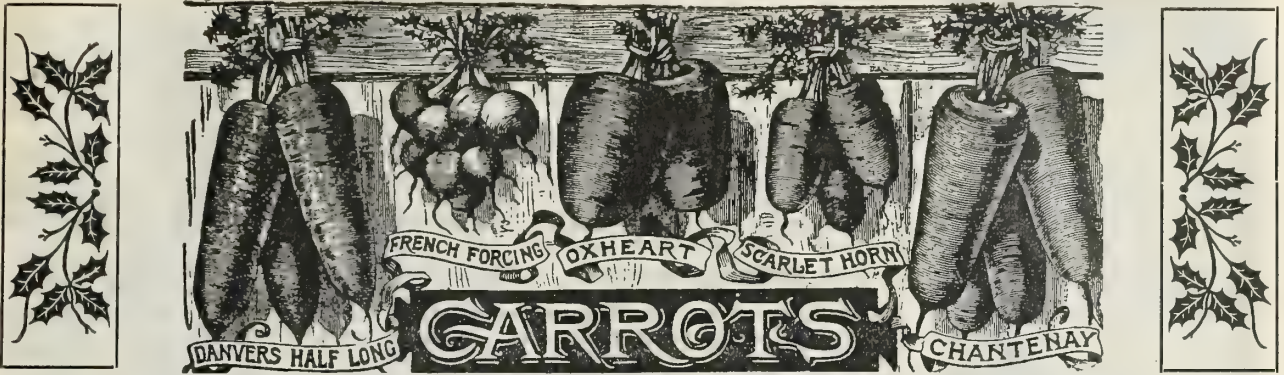
Sheepranch, Cali., Oct. 20th, 1910.

MRS. LIZZIE TISHER.



Garden Huckleberry.





The Carrot is one of the most nutritious and healthful of roots, and should be more generally used for the table as well as for stock feeding purposes. Will grow in any soil; sandy loam is best. Sow as early as the ground can be worked, in rows 15 to 18 inches apart, covering about 1/2 inch. For field culture sow in drills 18 to 24 inches apart. One ounce will sow 100 feet drill, 3 to 4 lbs. per acre.

**Danvers Half Long.** Of rich orange color, smooth and the flesh of fine texture with little core, stump rooted. It is a first class carrot for all soils and valuable to the market gardener. Pkt. 5c; oz. 10c; 1/4 lb. 25c; lb. 70c.

**Oxheart or Guerande.** Roots are very thick, five inches long and nearly as broad, and very blunt at the lower end. It grows rapidly and the roots often weigh a pound or over. Of excellent quality. Pkt. 5c; oz. 10c; 1/4 lb. 25c; lb. 70c postpaid.

**Early Scarlet Horn.** A very popular extra early variety. Roots of medium size. Color orange-scarlet; fine grained and of the best flavor. Pkt. 5c; oz. 10c; 1/4 lb. 20c; lb. 70c postpaid.

**Early Chantenay.** Very early and a great favorite with market gardeners. Grows 5 to 6 inches long, very smooth and of finest quality. We consider this the best table carrot. Very productive even under unfavorable conditions. Pkt. 5c; oz. 10c; 1/4 lb. 25c; lb. 75c postpaid.

**Long Orange.** It grows to a large size, is of a rich orange color and fine quality. One of the most desirable for table use and for stock. Pkt. 5c; oz. 10c; 1/4 lb. 20c; lb. 60c postpaid.

**Earliest French Forcing.** This variety is used extensively for forcing. It makes a small, globe-shaped root of orange red color, and is of excellent quality. The earliest of all carrots for the home garden and market. Pkt. 5c; oz. 10c; 1/4 lb. 20c; lb. 70c postpaid.

**Golden Rod.** This new half long table carrot is very uniform in size, smooth, free from core, with sweet and tender flesh. For market gardeners and for home garden it is one of the finest sorts. Always yields well and succeeds splendidly in our western states. Pkt. 10c; oz. 15c; 1/4 lb. 40c; lb. \$1.25 postpaid.

**Victoria.** A very large and very rich stock carrot. It is a heavy cropper on all soils. The roots are very symmetrical, of excellent quality and orange-yellow color. Is considered the best feeding sort. Pkt. 5c; oz. 10c; 1/4 lb. 20c; lb. 60c postpaid. By express 5 lbs. for \$2.25 not prepaid.

**Large White Belgian.** Root pure white, green above ground. It will grow to a very large size and is easily gathered. Flesh rather coarse; is raised extensively for stock. Pkt. 5c; oz. 10c; 1/4 lb. 20c; lb. 50c postpaid. By express, not prepaid 5 lbs. for \$1.75.

## CELERY.

One ounce will make about 2500 plants. The seed should be started in shallow boxes or hot-bed. Sow thickly and cover lightly, keep well watered and transplant when two inches high, in rows three feet apart and 6 inches in the row. The essentials to success in celery growing are rich soil, and plenty of water.

**Golden Self Blanching.** (Selected Stock.) The leading early market sort. Stalks are broader and heavier than those of White Plume and much superior in quality. The ribs are perfectly solid, crisp, brittle and of delicious flavor, surpassed by no other variety. Our seed is grown by the introducers of this celery, in France. Pkt. 10c; oz. 40c; 1/4 lb. \$1.25. lb. \$4.25 postpaid.

**Golden Self Blanching.** (Regular Stock.) American grown. Pkt. 5c; oz. 25c; 1/4 lb. 80c; lb. \$3.00 postpaid.

**White Plume.** (Selected Stock.) This celery is valued because the stalks, the inner leaves and the hearts are white. It is tender, crisp and of good flavor, ripening very early. Pkt. 5c; oz. 20c; 1/4 lb. 70c; lb. \$2.25 postpaid.

**Giant Pascal.** This is the best keeper of all the late sorts. Very solid and crisp. This variety is unsurpassed for the market gardener. Pkt. 5c; oz. 15c; 1/4 lb. 50c.

**Golden Dwarf.** A fine keeping golden dwarf sort. The heart is large, surrounded by a shapely solid stalk. Very popular in many sections. Pkt. 5c; oz. 15c; 1/4 lb. 45c; lb. \$1.65.

**Winter Queen.** Without doubt the most valuable variety for winter and spring use. Stalks are stout, thick and heavy, with double the amount of heart than any other kind. Ribs are solid, crisp, and of a delicious nutty flavor. The best keeper. Pkt. 5c; oz. 20c; 1/4 lb. 65c.

**Flavoring Celery.** Old seed for flavoring. Oz. 5c; 1/4 lb. 15c; lb. 45c postpaid.

**Celeriac or Turnip Rooted Celery.** Grown exclusively for its very smooth, tender and marrow-like roots, which are turnip shaped. Pkt. 5c; oz. 15c; 1/4 lb. 50c; lb. \$1.75 postpaid.

**Apple Shaped Celeriac.** The roots are round, smooth; leaves small. Of excellent flavor and very tender. Pkt. 5c; oz. 20c; 1/4 lb. 70c.



Golden Self Blanching.



Celeriac.





White Mexican.

## SWEET CORN.

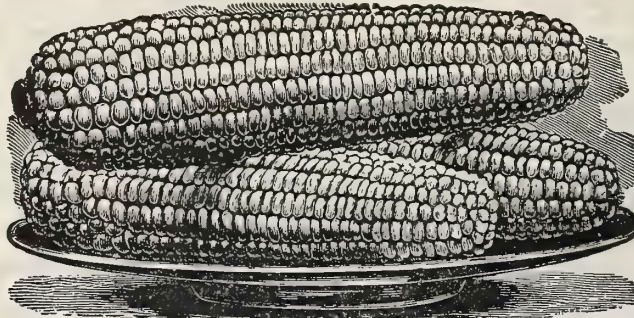
One quart will plant about 200 hills. One-third bushel will plant 1 acre in hills. Sweet corn, being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm. For a succession, plant every two weeks, in rich ground, in hills three feet apart each way, covering about one-half an inch, and thin out to three plants to the hill. The extra early varieties can be planted closer. Give frequent and thorough but shallow cultivation until tassels appear. Our price for Pkt., ½ pt., pint and quarts is postpaid, larger quantities go at the expense of the purchaser.

**Peep of Day.** Of Minnesota origin, 5 to 7 days earlier than other well known early kinds. Ears five inches long, perfect in form, and well filled, the corn is tender and sweet. We are very positive of the earliness of this variety, and our customers will make no mistake in planting some of it for first early. Pkt. 5c; ½ pt. 15c; qt. 40c postpaid. Not prepaid, ½ peck 85c; peck \$1.50.

**White Mexican.** The best early market variety. The White Mexican possesses all the good qualities of the old Black Mexican—just as sweet, with just as fine a flavor—without the objectionable color. It matures early, is a good yielder, and remains in edible condition perhaps longer than any other early variety. For market or home use you will make no mistake in planting largely of this sweet corn. Pkt. 5c; ½ pint 12c; qt. 35c postpaid. Not prepaid, ½ pk. 75c; pk. \$1.35.

**Golden Bantam.** This is a very early corn, possessing the valuable quality of being one of the sweetest and richest corns ever known. It is indeed one of the very best varieties for market and the home garden, and we recommend it to our customers without hesitation. It can be planted thickly and as late as July 15th. By successive plantings, it can be had for table use from July 20th until frost. Pkt. 5c; ½ pint 12c; pt. 20c; qt. 35c postpaid. Not prepaid ½ pk. 75c; pk. \$1.35.

**Early White Evergreen.** In this new sort we believe a truly valuable sort has been found. It is earlier than Stowell's by considerable, resembles it very closely in size and shape, has the same fine sweet flavor, and besides is more uniform and remains in condition fit for use longer. Packet 5c; ½ pt. 15c; pt. 20c; qt. 35c postpaid. Not prepaid, ½ peck 75c; peck \$1.35.



Mammoth White Cory.

**Mammoth White Cory.** One of the largest and best extra early sorts. The ears are twelve-rowed, and very much larger than the old Cory, white-cobbed, and covered with very large, white grains of good quality. Packet 5c; ½ pint 12c; pint 20c; quart 30c postpaid. Not prepaid, ½ peck 60c; peck \$1.00; bu. \$3.75.

**Adams Extra Early.** One of the earliest. Maturing for table use in 60 days after germinating. Not a sugar corn but a decided acquisition, ripening so very early in the season. Pkt. 5c; ½ pt. 10c; qt. 30c postpaid. Not prepaid, ½ pk. 50c; peck 90c.

**Early Minnesota.** Well known and popular early sort for the market or private garden. Stalks four to five feet high, bearing one or two ears, long and eight rowed, kernels very broad, sweet and tender. Pkt. 5c; ½ pt. 12c; pt. 20c; qt. 30c postpaid. Not prepaid, ½ pk. 60c; pk. \$1.00; bu. \$3.75.

**Country Gentleman.** One of the most delicious and sweetest of all sweet corns. A main crop variety. It is extremely productive, the stalks averaging three ears and sometimes as many as five. The small, irregular kernels are very deep and pure white in color. Ears average nine inches in length. Pkt. 5c; ½ pt. 15c; qt. 40c postpaid. Not prepaid, ½ pk. 75c.

**Stowell's Evergreen.** This variety is more planted than any other, being the general favorite with canners and market gardeners for late use. It is very productive, the ears are of large size, grains deep, exceptionally tender and sugary, and remains for a long time in edible condition. This variety with one or two of the early varieties is necessary to every garden. Pkt. 5c; ½ pt. 12c; pt. 20c; qt. 30c postpaid. Not prepaid, ½ peck 60c; peck \$1.00; bu. \$3.75.

**Mammoth Sugar.** Produces the largest ears of any sort, excellent quality, sweet, tender and delicious. Ears average 10 to 12 inches, are well-filled and of handsome appearance. In sweetness and fine table quality it is hard to beat. Ripens late. Pkt. 5c; ½ pt. 12c; qt. 30c postpaid. Not prepaid, ½ pk. 50c; peck 90c; bu. \$3.25.

## POP CORN.

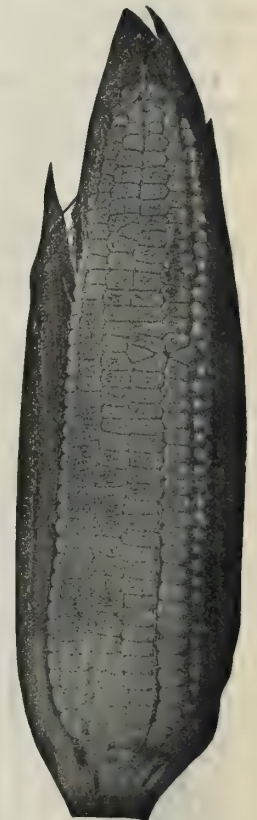
Two to three quarts will plant an acre.

**Monarch White Rice.** It is the best white variety. Bears from 3 to 6 ears per stalk, and produces 1500 to 2000 lbs. per acre. Pkt. 5c; ½ pt. 10c; qt. 35c postpaid. Not prep'd, ½ pk. 60c; pk. \$1.

**Queen's Golden.** Color a peculiar lustrous golden yellow, pops to a rich cream color, very prolific. Pkt. 5c; ½ pt. 10c; qt. 35c postpaid. Not p repaid, ½ pk. 60c; pk. \$1.00.



Evergreen.



Golden Bantam.





Chicago Pickling.

grow to a uniform size, measuring about seven inches in length and two inches thick when in good condition for use. It matures early and continues bearing for a long time, and the vines make such a healthy and vigorous growth that they produce a good crop even in a poor season. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

**Boston Pickling.** A distinct variety which has obtained a great degree of popularity in the Boston market as a pickle. Medium long, a great producer. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c postp'd.

**Improved Long Green.** A well known standard main crop variety, about nine inches long, of excellent quality, and makes the best of pickles. It is also one of the best for slicing, being tender and crisp, and of fine flavor. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

**Cumberland.** Hardy, rapid, vigorous grower and very prolific. The fruits differ from all other sorts in being thickly set with fine spines over the entire surface except the extreme end. They are exceptionally straight and symmetrical, and the flesh is crisp and tender. A fine pickling cucumber. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c postpaid.

**Japanese Climbing.** While all cucumbers are running vines, yet this variety is much more creeping or climbing in its habit, so much so, that it quickly climbs on poles or trellises. The quality is splendid for pickling as well as for slicing for salads. The fruits are of good size and fine flavor. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.



ly round, with the yellow and green markings and smooth skin of a lemon, while the flesh is exceedingly tender and crisp with a sweet flavor. The vines grow and produce fruits until killed by frost. A very fine cucumber. Pkt. 5c; oz. 15c; ¼ lb. 50c.

**Gherkin or Burr.** This variety is used exclusively for pickling; fruit is 2 to 3 inches long and prickly. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

**Snake.** This cucumber is curious as well as useful. Grows to 5 feet in length, coiled like a snake. Quality is very good. Fine for exhibition purposes and for home use. Pkt. 10c; oz. 20c.

**CUCUMBER.**

One ounce will plant about 50 hills, two to three pounds to the acre. Succeeds best in a rich, loamy soil. For first early sow in hotbeds, six weeks before the plants can be set out in the open ground. For general crop plant in May, in open ground, about 10 seeds to a hill, the hills 4 feet apart each way.

**Chicago or Westerfield Pickling.** Selected Stock. Fine for market. It is undoubtedly the best cucumber for pickles, and is used almost exclusively by a vast majority of the pickle factories. The fruit is of medium length, pointed at both ends, with large and prominent spines. The color is a beautiful deep green. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c postpaid.

**New Everbearing.** It is of small size, very early, enormously productive, and valuable as a green pickler. The peculiar merit of this variety is that the vine continues to produce fruit until killed by frost, whether the ripe cucumbers are picked off or not, differing in this respect from all other sorts. The fruit is perfect in shape, of a fine green color. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

**Klondike.** This valuable variety is one of the best for slicing, and will produce cucumbers equal in appearance to the hot house grown specimen. The color is a rich, dark green, and the fruits



Davis Perfect.

**The Davis Perfect.** An excellent cucumber for both outdoor use and for forcing. The fruits average 11 to 12 inches long; slim, slightly pointed, a dark glossy green color, which they keep until ripe, then turning white. In quality it is very tender, brittle and of fine flavor. A very vigorous grower, withstanding blight better than any other of the long sorts. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

**Improved Early Long White Spine.** Selected Stock. The most popular variety with market gardeners. One of the best for the table. Flesh tender and crisp. Fruit uniform in size, straight and light green, with few spines. Very prolific. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

**Early Frame or Short Green.** An excellent sort both for table use and for pickling. Fruit straight, handsome, smaller at each end, bright green; flesh tender and crisp and makes fine pickles. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c postpaid.

**African Horned Cucumber.** Fruits are of curious form and covered with small horn-like eruptions. Color deep green, turning to orange yellow when fully ripe. Quality is excellent. For pickling and slicing. Pkt. 10c; oz. 25c.

**Lemon Cucumber.**

The fruits are near-ly round, with the yellow and green markings and smooth skin of a lemon, while the flesh is exceedingly tender and crisp with a sweet flavor. The vines grow and produce fruits until killed by frost. A very fine cucumber. Pkt. 5c; oz. 15c; ¼ lb. 50c.



White Spine.



## LETTUCE.

Lettuce seed should be covered very shallow to secure germination. For early spring use sow in September and protect through the winter in cold frames the same as cabbage, or sow in hot-bed in March, and transplant to open ground as soon as it can be worked. For late supply sow in the open ground as soon as the season will permit, in rows one foot apart; thin out plants 8 to 10 inches in rows. If sown every two or three weeks to the middle of August, it may be had in perfection the entire season. One ounce will sow 100 feet in drill, 3 to 4 lbs. to the acre.

**Incomparable.** See Novelties. Pkt. 10c.

**Ideal Forcing.** The earliest and best in every respect for forcing purposes. The head is of a perfectly rounded form, unsurpassed for firmness and quality. We can recommend this lettuce to every market gardener as being the best type of forcing head lettuce now in the market. It will prove a money maker. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75 postpaid.

**Black Seeded Simpson.** (Selected Stock.) This large leaved lettuce is by far the most popular of all sorts among market gardeners. It forms large, loose heads of light green color; leaves quite thin; very tender and crisp, of fine quality. The best "allround" lettuce and one of the finest for use under glass. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.20 postpaid.

**Black Seeded Simpson.** (Regular Stock.) Gives very good satisfaction for the home garden. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c postpaid.

**Early Curled Simpson.** White Seeded. One of the best early sorts for market or family use. Forms a large, loose head. Leaves beautifully crimped, dark green, very tender and crisp. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 85c postpaid.

**All Seasons.** Unsurpassed as a head lettuce for general home and market garden use in Northern climates. Also well suited for our western states. It forms a large, handsome, extremely solid head, almost as large as a Flat Dutch Cabbage; color a light grayish-green, never spotted nor brownish; leaves broad, quality excellent, decidedly buttery with thick leaves of much substance. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.25 postpaid.



All Seasons.



May King.

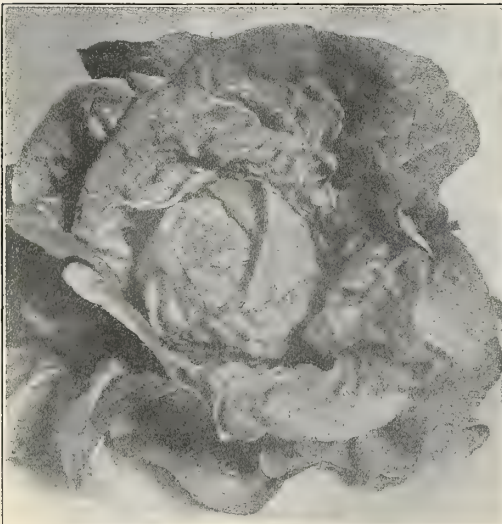
**Denver Market.** An early head lettuce, good either for forcing or open ground. The leaves are beautifully curled and crimped like the Savoy Cabbage, very crisp and tender and of excellent flavor. Our market gardeners here consider this lettuce to be superior in quality to any other. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. 90c postpaid.

**May King.** The new early lettuce. Plant this lettuce for the first early head lettuce. It is equally good for outdoor planting or forcing. It has medium sized, solid round heads, and will bear transportation better than almost any other variety. For early spring planting in the open ground or under glass it is unequalled.

The plants grow 6 to 7 inches in diameter; the outer leaves are so closely folded, the plant is practically all head. It is hardy, as well as very early, and a quick grower. Leaves are a light green, the outer leaves slightly tinged with brown, inner leaves a bright yellow. In flavor it is particularly rich, crisp and tender. May King has certainly been highly appreciated wherever grown, and is sure to become popular both in home and market gardens. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25 postpaid.

**Improved Hanson.** One of the best for outdoor summer planting, owing to its wonderful heat resisting qualities. It forms large, firm heads, which are deliciously sweet, crisp and tender. In table quality this lettuce is perfection itself. It is wholly free from bitter taste, having a sweet and rich flavor, even to the outer leaves. It remains long in good table condition after reaching maturity. It is a perfect open air lettuce in all respects. It is hardy and may be set out in earliest spring or grown late in the fall. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 80c postpaid.

**Golden Spotted.** A very fine new lettuce from Germany, forming medium sized, very solid heads. The outer leaves are bronze yellow with brown spots. In quality equal to any of the well known varieties. For the home garden it is one of the best, once tried it will always be planted again. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 45c; lb. \$1.50 postpaid.



Ideal Forcing.

Visalia, Cali. Jan. 8, 1910.

Enclosed find an order for seeds and trees. Your May King Lettuce is unsurpassed and better than any other kind I have ever had.

Mrs. A. Barsch-Neumann.



**LETTUCE.**—Continued.

**German Butter Head.** Produces fine, large heads of extra quality, remarkably tender and crisp, sure to head and of quick growth. It is one of the best for forcing and summer use, as it is slow to shoot to seed and resists heat well. This is one of the very best varieties for our western climate. In our trial grounds it withstood extremely dry, hot weather remarkably well. We can recommend this lettuce very highly. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c postpaid.

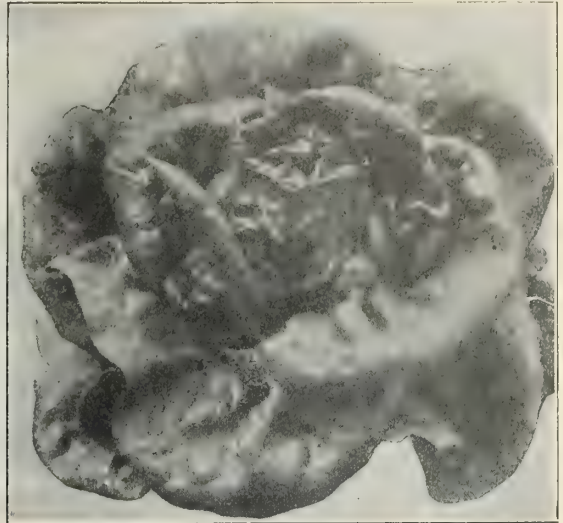
**Big Boston or Immensity.** A very popular variety with gardeners who want a large heading forcing sort, and also for outdoor winter culture. The plants are large, hardy and vigorous, with broad, smooth, thin leaves of light green color, and when well grown are very tender. This is grown in the South as a winter lettuce. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

**Prize Head.** A splendid lettuce for the home garden. Leaves are of reddish-brown color, variegated with dark green. The heads are of good size, tender and of fine flavor. Excellent for late planting, as it stands heat and drought well. A splendid variety for the western states. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 80c postpaid.

**ROMAINE, COS, OR CELERY LETTUCE.**

These are distinct from the ordinary lettuce, and much liked on account of their crisp, tender quality and delicate flavor. They produce long, narrow leaves, which are blanched by drawing in the outer leaves and tying. If the plants are taken up with the roots, in fall, and stored in a cool cellar, fresh lettuce may be had for several months.

**Paris White Cos.** The Cos lettuce differs entirely in shape from the other varieties, the head being elongated and of conical form. The outer coloring of this variety is yellowish-green. Very crisp and sweet. Considered by many to be the highest quality of all lettuces. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00 postpaid.



German Butterhead.



Black Seeded Simpson. (Page 88.)

Earliest varieties ready in 80 to 100 days from sowing. General crop requires 115 to 140 days. Melons thrive best in a light, rich soil. Plant when the ground has become warm and dry, and danger from frost is past, in hills six feet apart each way, in well enriched soil, 12 to 15 seeds in each hill. After all danger of the bugs is over thin out to three plants per hill. One ounce will plant about 60 hills, three pounds per acre.

**Extra Early Hackensack.** This is a selection of the old Hackensack, which it resembles, but is fully 10 days earlier. Melons weigh from 4 to 10 pounds, round in form, flattened at the ends and well ribbed. The skin is deeply netted. Flesh light green, rich and sugary, and of excellent flavor. Those who grow for market should remember that it is one of the best, as well as the earliest, hardiest and most prolific of Netted Musk Melons. It is also considered one of the best shipping melons. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

**Thoroughbred Rockyford.** This fine variety is much sought after by hotel and restaurant keepers on account of its exceptionally fine flavor. The flesh is greenish-white in color, very juicy and rich. It is medium in size, of round oval form and an excellent keeper. The melons usually have ten distinct ribs, closely covered with gray netting. Seed cavity is small. Our seed is of very best selection, grown in Rockyford. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

**Netted Nutmeg.** This good standard variety is often called Early Green Nutmeg, the skin being deep green and finely netted. It is a productive sort. Largely grown in the East by market gardeners, who hold it in high esteem. We consider this one of the best varieties for family use. Vines vigorous, hardy, productive; fruit round, slightly flat, ribbed, covered with coarse netting, flesh very thick, green and of finest flavor. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c postpaid.

**Banana.** Long, slim, banana like fruit, cream color; flesh salmon, of rich flavor and delicious odor. Matures late and is a favorite for the home garden. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.50 postpaid.

**ENDIVE LETTUCE.**

Ready for table in 45 to 50 days from seed. 1 oz. to 100 feet of drill. One of the best autumn and winter salads. Sow from June until August one-half inch deep in drills 14 inches apart and thin out to 1 foot apart in rows. When nearly full grown bleach by tying the tips of the leaves together.

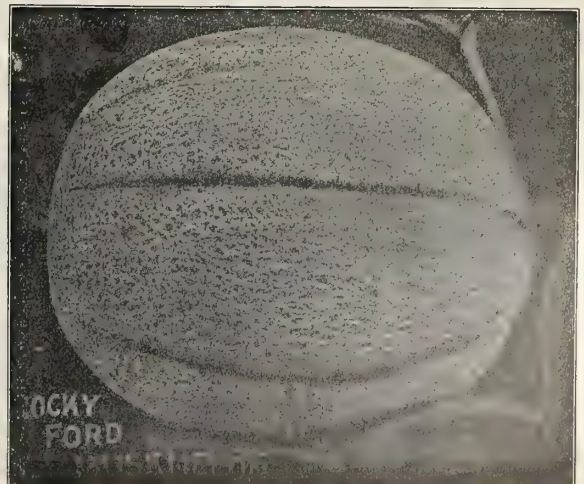
**Green Curled.** Large and well adapted to this soil and climate. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

**Broad Leaved Batavian.** A large Summer variety, productive; one of the best. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

**Giant Fringed Winter.** Best for late planting; leaves large, very curly, of fine flavor. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.50 postpaid.

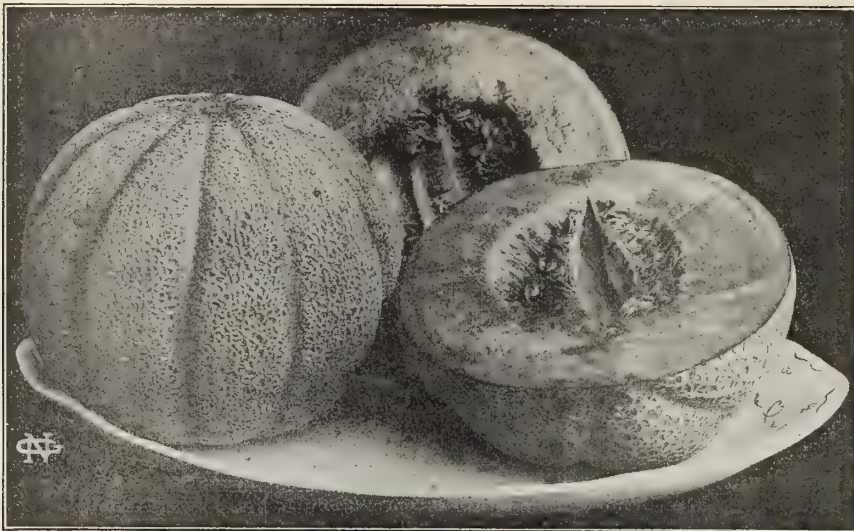
**MUSK MELON.**

Crop is short this year. Please order early.



Thoroughbred Rockyford.





Hoodoo.

**Admiral Togo.** We have developed in the Admiral Togo a small musk melon with the very thick, orange flesh and splendid quality of the Defender and possessing the characteristic netting, shape, size and shipping quality of the Rocky Ford. Combining all these good qualities the Admiral Togo is an ideal table and basket melon. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.50 postpaid.

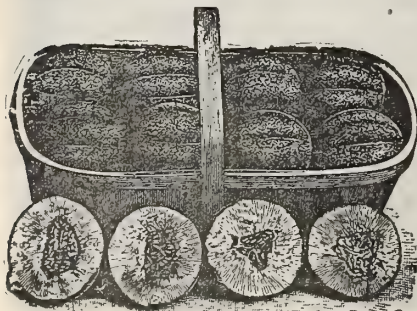
**Osage.** One of the most profitable of all melons for market, of very uniform quality, it makes no difference what size the melons may be. Of medium size and oval. Rind is thin, dark green and netted. Flesh is deep salmon, remarkably sweet, and of a spicy flavor. One of the best melons for family use and also greatly liked by gardeners. Flesh is extremely thick and delicious to the rind. Seed cavity is very small. It is seldom that a melon of poor quality is found. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

**Oklahoma Cantalope.** Similar to the Rockyford, equal in flavor, but larger size. The vines are blight proof and drought resisting. It certainly surpasses any one of the melon family in these two features, and for shipping or eating qualities it is unexcelled by any other sort. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.20 postpaid.

**European Mixed.** This is a grand mixture of many rare European and African varieties, including such kinds as the Black Portugal, Apple Shaped, Winter Olive, Algerian, Turkestan and French melons. Try a packet and raise the largest and oddest variety of musk melons. Pkt. 10c.

**Strawberry.** A melon with the delicious flavor of the strawberry. Its smooth, deep flesh is salmon-red. The skin is green, turning yellowish when ripe. The fruits are of desirable size, weighing from 6 to 8 lbs. Fine for the home garden. Pkt. 10c; oz. 25c.

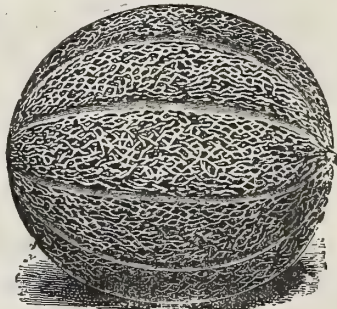
**Hungarian Pineapple.** See Novelties. Packet 15c.



Paul Rose.

melons on account of its superb quality. It is not a good shipper to distant markets on account of its thin rind. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

**Burrell Gem.** This variety is of the same size and shape as the well known Rockyford, but the flesh is of a rich golden color. It is of most delicious flavor, seeming almost to melt in the mouth, still so solid as to be a desirable shipping sort. The melons average about 2½ lbs. each. It is an abundant yielder, often producing 15 to 25 melons to the hill. The meat is very thick, and fine grained. The seeds are closely held in place. The rind is covered with a closely laced gray netting, except the narrow stripe between the ribs. Shape oblong, averaging six inches long and tapering at the ends. It is an excellent shipper and will carry nearly two weeks without ice. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00 postpaid.



Admiral Togo.

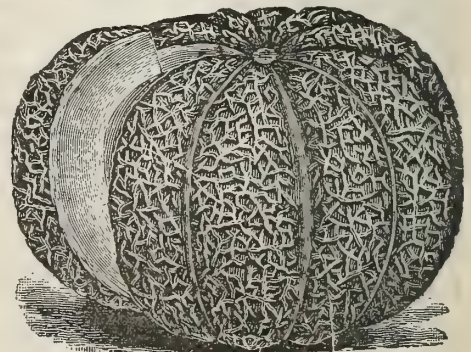
**Paul Rose or Petoskey.** A hybrid of the Osage and Netted Gem, combining the color and thickness of the former with the good flavor of the Gem. In solidity it is superior to any melon in existence. Ripens about ten days earlier than the Osage, is perfect as a basket melon for the shipping trade and market. Rind is green, netted; flesh reddish salmon. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postp'd.

**CASABA MUSK MELON.**

A class of late maturing melons which do not ripen on the vines in the North, but are gathered before freezing weather and stored in a cool place and brought to a warm room for ripening. Good up to Christmas.

**Khiva or Winter Pineapple.**—Musk melon for Christmas dinner from your own garden if you plant Khiva. Delicately flavored winterkeeping melon. The flesh is whitish-green and very thick, rind is firm, of grayish green color. Not real delicious until November or later. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.75 postpaid.

**Hybrid Casaba.** See Novelties page 72. Pkt. 10c.



Extra Early Hackensack. (Page 89.)

**MUSK MELON.**

Continued.

**Hoodoo.** One of the best market and shipping melons, and unsurpassed for the home garden. Nearly round, rind very tough, surface thickly netted. The melons average 1½ lbs.; very solid and heavy. Flesh rich salmon colored, fine grained, of sweet delicious flavor. A wonderfully productive melon, which nearly always, even under unfavorable conditions, produces a fine quality melon quite early in the season. It also withstands blight much better than other varieties. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.50 postpaid.

**Emerald Gem.** Of excellent quality, and medium size. The white ribbed skin is perfectly smooth and of a deep emerald green color. The flesh is thick, of a rich salmon color, very juicy and rich. For the home garden and near-by markets this is one of the finest of all musk



## WATER MELON.

A light sandy soil, with good exposure to the sun, is the best for water melons. It should be prepared deep, but receive shallow cultivation. Hoe often and thoroughly. To get good strong vines early in the season, form large, well-drained hills of earth, made very rich, about eight feet apart. In these plant the seed as soon as the ground is warm and dry, dropping 6 to 10 seeds in the hill; protect the young plants from insects. One ounce to 30 hills, 3 lbs. to the acre.

**Cole's Early.** This is a very choice melon for the home garden, and can be grown farther north than any other variety. The flesh is bright red, crisp, and very delicate in texture, sweet and excellent in flavor. It is an abundant bearer of medium sized but very solid melons, with thin rind. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c postpaid.

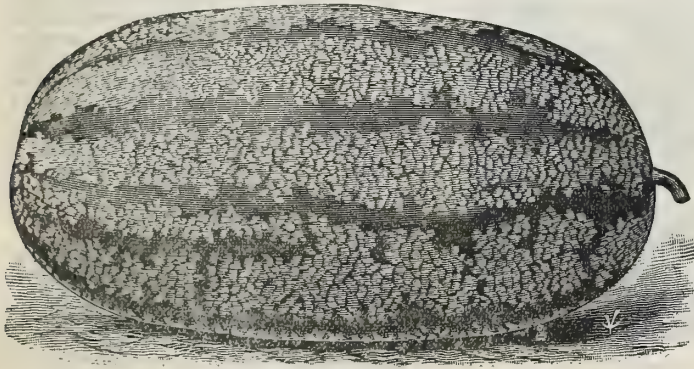
**Sweet Heart.** Fruit large, oval, very heavy, uniformly mottled light and dark green. Rind very thin but firm. Flesh bright red, solid, tender, melting and sweet. This melon is particularly fine for shipping to distant markets. Oz. 5c;  $\frac{1}{4}$  lb. 15c; lb. 55c postpaid.

**Dixie.** This desirable variety combines long keeping qualities with great productiveness, high flavor and freedom from stringiness. Color of skin dark green, striped with a lighter shade, making it very attractive; rind thin but tough; flesh bright scarlet, ripens closely to the rind. Oz. 5c;  $\frac{1}{4}$  lb. 15c; lb. 50c postpaid.

**Pride of Nebraska.** One of the best, sweetest, juiciest, most delicious melons in existence, and it is especially desirable for the family garden. Vine vigorous and productive; fruit of medium size, oval. The skin is dark green, faintly striped; flesh bright red and peculiarly rich, crisp and pleasant flavored. It ripens early and is a long keeper. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.15 postpaid.

**Kleckley's Sweet.** Valuable for market and for family garden. Very productive and of attractive appearance. The fruit is oblong, color dark green, flesh deep red, stringless, solid and very sweet with but few seeds set near the rind. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00 postpaid.

**McIver's Wonderful Sugar.** This is becoming the most famous melon for sweetness and high quality. The fruits are long, and of large size, averaging about 35 lbs. each. Rather light colored, irregularly striped and mottled with dark green. The rind is thin but tough, so that it is a good shipper. Flesh is delicate light red, entirely stringless, very tender, juicy and luscious. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c postpaid.



Wonderful Sugar.

**Gypsy or Rattlesnake.** An old standard variety which has become very popular of late years. It is of very large size, light green with dark stripes. A fine market variety and stands transportation well. Flesh bright scarlet and very sugary. Oz. 5c;  $\frac{1}{4}$  lb. 15c; lb. 50c postpaid.

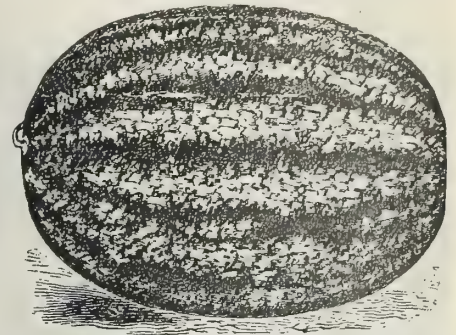
**Alabama Sweet.** This excellent shipping melon is the leading sort grown by Texas and other Southern melon growers' associations and extensive individual growers. The rind is dark green marked with a still darker green mottled stripe and while thin it is very tough, making the melon a first class shipper. The flesh is bright red, fine grained, sweet, and luscious, entirely stringless and very firm. The seeds are white, slightly tipped with brown, and are firmly set in small cavities near the rind. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 70c postp'd.

**Ruby Gold.** A beautiful melon. Flesh golden yellow with star-like center of deep red. Large oval, weighing 40 to 50 lbs each. Very fine quality, absolutely coreless, juicy and sweet. Splendid for home garden. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 45c; lb. \$1.35 postpaid.

**Hungarian Honey.** One of the most delicious varieties known, of an almost honey-like sweetness. Round, dark green melons that will average about ten pounds each; flesh rich and melting. Extra early and fine for the Northern states. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 70c postpaid.

**Citron.** For preserving. Grows uniformly round and smooth, dark green, mottled with light green; flesh white and solid. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 60c postpaid.

**Mixed Varieties.** Packet 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 85c postpaid.

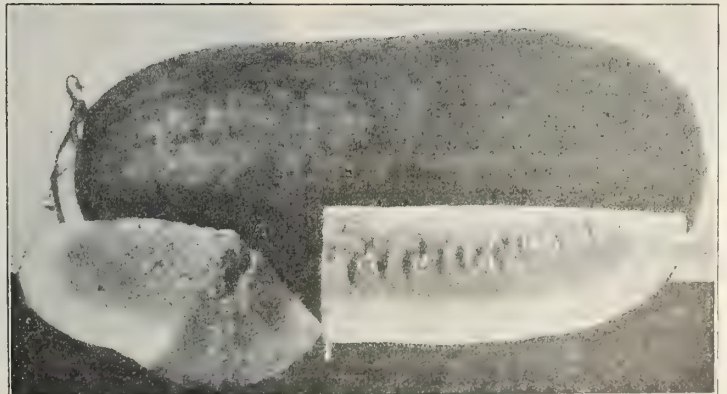


Cole's Early.

**Kolb's Gem.** Fruit of the largest size, slightly oval, marked with irregular stripes of dark green and very light green. Flesh bright red, extending to within half an inch of the rind, always solid, very firm, sweet and tender. An excellent keeper and shipper. Oz. 5c;  $\frac{1}{4}$  lb. 15c; lb. 45c postpaid.

**Ice Cream. (WHITE SEEDED.)** A medium sized variety of excellent quality. It is early and very productive. Being thin in rind it is not so well adapted for distant markets. Very sweet and sells readily in the market. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 65c postpaid.

**Iceberg or Blue Gem.** Has a very firm, hard rind and is quite as good a shipper as the Kolb's Gem, but the flesh is much deeper colored, more tender and sweet. This variety is much the best dark colored shipping melon. An excellent keeper. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 65c postpaid.



Alabama Sweet.



## ONIONS.

A strong, deep, rich and loamy soil is most suitable for this crop. As early in the spring as the ground is in working order, harrow it thoroughly and make as fine and level as possible, sow thinly in drills one-fourth inch deep and fourteen inches apart. Keep the surface of the ground open and free from weeds, but do not ridge up to the growing bulbs. One ounce will sow 100 feet of drill, 4 to 5 pounds to the acre. The onion seed crop turned out better this year and prices are ruling lower than for several years past. Get some of our excellent tested onion seed this year.



Yellow Globe Danvers.

ripen evenly in all soils. Has given splendid results in our western states. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.75.

**Extra Early Red Flat.** One of the earliest medium sized onions. Uniform in shape and size, quite flat, of deep red color and mild flavor. An abundant yielder, ripens up hard and keeps well. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.75.

**Large Red Wethersfield.** The standard variety of red onions. Of large size, a heavy yielder and most excellent keeper. Form round, somewhat flattened, skin deep purplish red; flesh purplish white, moderately fine grained and of stronger flavor than other kinds. Will do well on thin soils and stands drought well. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.75 postpaid.

**Southport Yellow Globe.** A fine strain of yellow globe, bulbs are of handsome appearance and superior quality. They are fine keepers, uniform in size and shape, always in good demand in all markets. Ripens earlier than the Red Globe. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.75 postpaid.

**Large White Globe.** A handsome, pure white variety of large size and globe shape. An immense yielder and good keeper. The flesh is very fine grained, solid, of fine flavor and very mild. Sells readily in any market at a good price. Pkt. 5c; oz. 20c; ¼ lb. 70c; lb. \$2.50 postpaid.

**Silver Skin or White Portugal.** A large, flat onion of mild, pleasant flavor, fine for family use or for early market. A favorite with many for use when young as a bunching onion and for pickles. Ripens quickly and evenly. Is used to some extent for growing onion sets. Pkt. 5c; oz. 20c; ¼ lb. 70c; lb. \$2.50 postpaid.

**Extra Early Barletta.** The very earliest onion in cultivation. They are of pure paper-white color, very mild and delicate in flavor. 1½ inches in diameter, and ¾ of an inch in thickness. For table use and pickling it is most valuable, also excellent for bunching onions. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.85 postpaid.

We harvested a splendid large crop of northern grown onion seed this year, not California seed, and quote low prices. Write for special quotation on large lots.

**Yellow Globe Danvers.** Well known as a leading market sort. Bulbs are of large size, very thick and of globular shape. Flesh white, solid, and of good quality. The crop is uniform and ripens at one time. It is one of the best yielding varieties in existence. An excellent keeper. Our seed is of the very best selection. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.65 postpaid.

**Danvers Yellow Flat or Large Strassburg.** Similar to the Yellow Globe Danvers except in shape. Ripens very quick, is a sure cropper and yields well. Of special value in localities where the seasons are short. Will stand drought well and is used to a large extent for growing onion sets. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.50 postpaid.

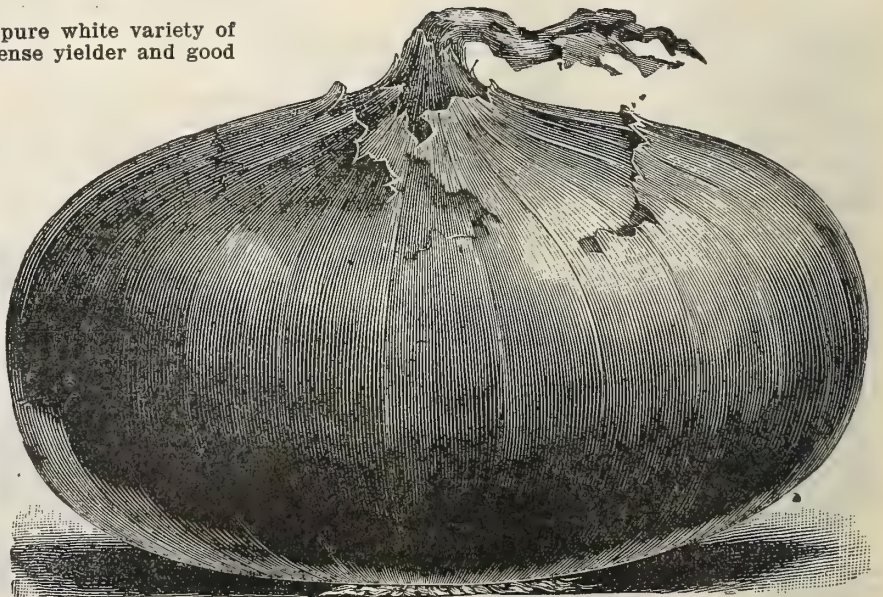
**Australian Brown.** An early variety of globe shape which exceeds any other onion in keeping qualities. Will produce a fine crop of hard, solid onions, even in unfavorable seasons. The skin is light brown, flesh pure white and exceptionally mild. The bulbs will ripen earlier than the Yellow Globe Danvers. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.75.

**Ohio Improved Wethersfield.** We are pleased to offer our customers this particularly fine strain of Wethersfield Onion, knowing that everyone will be more than pleased with it. The bulbs are very uniform in shape and size, somewhat larger on an average than the old, well known strain, while in flavor they are milder. Our seed comes from a thoroughly reliable grower in Ohio and is dependable. Supply limited this year. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00 postpaid.

**Southport Red Globe.** This is a very handsome variety and is deserving of a general cultivation. It is medium early, grows to a large size, skin deep red, flesh fine grained, mild and tender. A good yielder. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00 postpaid.



Extra Early Barletta.



Large Red Wethersfield.



**ONIONS.**—Continued.

**Earliest White Spring.** Seed of this variety can be sown a month sooner in spring than other kinds and will produce good sized bulbs in a very short time. The bulbs are silvery-white, of fine flavor, rather strong. It is not a winter keeping onion. Seed may also be planted in the Fall. Pkt. 15c.

**White Bermuda. True Teneriffe Grown.** These are the first early onions which are shipped North in large quantities, both from Bermuda and our southern states. Our imported Teneriffe seed gives the best results. In our northern climate the bulbs are much smaller, but mature early, and retain much of the mild sweet flavor of the imported ones. The onions are pearly white, of flat shape and very mild. Unsurpassed for the home garden in all parts of the country. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.75 postpaid.

**New Crystal White Wax. Teneriffe Seed.** This is a large pure white flat onion. In the South, especially Texas, during the last few years it has become so popular that there has not been enough seed to meet the demand. A valuable variety also for the North. It grows to a good size, very early, and is the mildest and sweetest of all onions. It is the finest slicing onion for the home garden. True seed is very scarce. Pkt. 10c; oz. 25c; ¼ lb. 80c; lb. \$3.00 postpaid.

**White Welsh Onion.—For Green Onions.** The Welsh Onion does not form a bulb; but puts out many shoots, making it the best kind for "green onions." On account of the mild and sweet flavor it is superior to the green onions grown from sets. By sowing the seed of this onion one third the expense and trouble can be saved, and more green onions can be had than from sets. The plant is perennial. Sow either in spring or fall. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.75 postpaid.

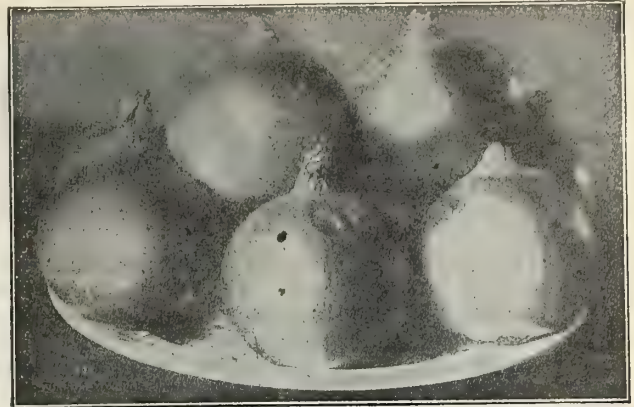
Lewiston, Mont. 4-3, 1910.

I got a five cent packet of your White Welsh Onion Seed last year, sowed ½ of it and sold \$11.00 worth of onions, besides what we used ourselves. Enclosed another order.

ROY C. PENSE.



Mammoth Pompeii.



Prizetaker.

**GIANT ONIONS.**

**Prizetaker.** One of the largest onions in cultivation. Is of globular shape, with a bright straw colored skin, the necks are very thin and the bulbs always ripen up hard. An excellent keeper, of finest flavor, handsome shape and enormous size. In many instances single onions have been raised to weigh five pounds and over, from seed the first year. This variety is known to have produced 1200 bushels per acre. It is the same type as those big imported onions and always command a high price. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.75 postpaid.



White Welsh.

**Giant Zittau.** The handsomest, large Yellow Globe Onion. Will outyield any other variety and is known to produce good average crops in off years, when other onions proved a failure. The bulbs are of uniform globular shape, very large, solid and heavy. The flesh is pure white, fine grained and of mild, agreeable flavor. It is the best keeper and an excellent onion for shipping. Will

ripen medium early and very evenly in all soils. Has given splendid results in Oklahoma and New Mexico and in our western states in general. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00 postpaid.

**Mammoth Silver King.** This mammoth sort is the largest of all white onions. It is of attractive form, flattened, but thick through. Single bulbs often attain weights of from 2½ to 4 pounds each. The skin is silvery-white, so sweet and tender that it can be eaten raw like an apple. Matures early and is of uniformly large size and fine shape. Its handsome appearance recommends it for exhibitions at fairs, for the fancy market and home use. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00 postpaid.

**Mammoth Pompeii or Copper King.** Perhaps the largest of all onions. Have been grown to the enormous weight of five pounds and six ounces. Skin of copper-red color, flesh pure white, fine grained and mild. Notwithstanding their large size they retain their uniform and even shape and fine quality. Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$2.00 postpaid.

**COLLECTION OF GIANT ONIONS.**

One packet each of PRIZETAKER, SILVER KING, GIANT ZITTAU and MAMMOTH POMPEII, for only 20c postpaid.

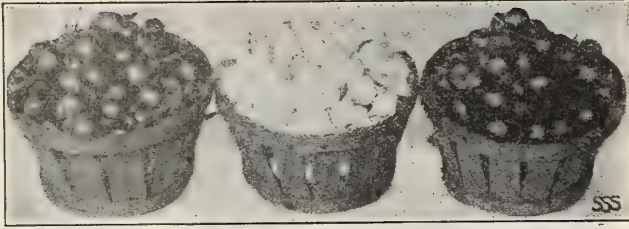
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Williamsville, N. Y., Jan. 23, 1910.

From your onion seed I raised better and larger onions last year than my neighbors raised from sets. I had better vegetables of all kinds from your seeds than I have raised in the last twenty-five years. I shall certainly order again.

WM. SCHUBERT.





## ONION SETS.

Indispensable for early onions for bunching, as in a very few weeks they are ready for the table. While it is much cheaper to grow onions from seed, still it is considerable work to keep them weeded, and many of our customers who have only a small garden prefer to grow them from the sets, and gardeners plant sets for the early market. Our stock is carefully grown and very nice. Price by pt. and qt. include postage (deduct 10c per qt. if by express.) Price by the pk. or bu. is subject to market variation, and shipped at buyer's expense. Top sets are sold at 28 lbs. per bu. Other kinds 32 lbs. per bu., or stroke measure on all small lots. If you want a large lot write for prices.

**White Bottom Sets.** White onion sets grown from seed are the most popular and best for early use and large onions. Pt. 15c; qt. 25c postpaid. Not prepaid, pk. 80c; bu. \$3.00.

**Red Bottom Sets.** Pint 15c; quart 25c postpaid. Not prepaid, peck 75c; bushel \$2.75.

**Yellow Bottom Sets.** Pint 15c; quart 25c postpaid. Not prepaid, peck 70c; bushel \$2.50.

**Red Top or Button Sets.** Still largely called for in some sections. Earliest of all. Pint 20c; quart 30c postpaid. Not prepaid, peck \$1.20; bushel \$4.00.

**Shallots.** Pint 20c; quart 35c postpaid. Not prepaid, peck \$1.50; bushel \$5.00.

**White Multiplier Sets.** Pure silvery white. Excellent Quality; very early. Pint 20c; qt. 35c postpaid. Not prepaid, pk. \$1.15; bu. \$4.00.

**Potato or Multiplier Sets.** Early cropper. Matures quickly; of pleasant, mild flavor. The sets are the largest of all. Pt. 20c; qt. 35c postpaid. Not prepaid, peck \$1.50; bushel \$5.00.

**Perennial or Winter Sets.** Also called Egyptian or Tree Onion. Produce the earliest spring onions without winter protection. Pint 15c; quart 25c postpaid. Not prepaid, peck 60c; bushel \$2.00.

## OKRA OR GUMBO.

The young seed pods of this southern plant are used for the well known and delicious "Gumbo" soups; alone or with chicken. Its smooth, glutinous taste is much liked. Probably the finest known vegetable for table use. Easy to grow. Plant in spring, as soon as danger of frost has passed. Plant in drills or hills, 18 to 24 inches apart, cultivate same as Corn. The pods can be dried for winter use.

**White Velvet.** Produces pods larger than any other. Never prickly to the touch, always round and smooth, while in other varieties they are ridged. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c postpaid.



Okra.

## PARSLEY.

One ounce to 150 feet drill. Soak the seeds a few hours in luke warm water and sow early in the spring in drills one foot apart. Thin out to four inches. A few seeds sown in onion rows use no space. To preserve in winter transplant to a light cellar or glass frames. Used for garnishing and seasoning.

**Champion Moss Curled.** The plant resembles a tuft of finely curled moss, leaves extra large and a rich deep green. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c postpaid.

**Dwarf Perfection.** Of highly decorative appearance and of fine delicate flavor. The plant is of dwarf, symmetrical form, 6 to 8 inches high and about 10 inches across. Leaves finely curled, light green. For market and home use a splendid sort. May be used as a border around flower beds. Pkt. 10c; oz. 25c; ¼ lb. 75c postpaid.

**New Emerald.** The plants are of compact growth; the leaves are of a handsome bright green color, very finely crimped and curled. One of the finest for garnishing and flavoring. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c postpaid.

**Hamburg.** Turnip rooted variety. The roots as well as the leaves are used for flavoring soups, etc. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c postpaid.

## PARSNIP.

One ounce will sow 200 feet of drill; five lbs. for one acre. Sow early in the spring, in drills 15 inches apart, covering half an inch deep. When well up thin out to 5 or 6 inches apart in the rows. They are improved by frost, and it is usual to take up in the fall a certain quantity for winter use.



Guernsey Parsnip.

Champion  
Moss Curled  
Parsley.

**Improved Guernsey.** The roots do not grow so long as the Hollow Crown, but are of greater diameter and more easily gathered and are very smooth, fine grained and of excellent quality. It is a heavy cropper. Oz. 5c; ¼ lb. 15c; lb. 55c postpaid.

**Hollow Crown or Long Smooth.** Roots long, ending somewhat abruptly with a tap root, best variety for general use. Oz. 5c; ¼ lb. 15c; lb. 50c postpaid.

## POMEGRANATE.

An ornamental little fruit which a century ago was commonly grown in the gardens, but is now rarely seen. Grows on a pretty vine. Fruit is round, of a bright yellow, irregularly striped with orange red or mahogany; very fragrant; a single specimen will sweetly perfume a room for many days. The fruit, served with sugar, makes a dainty dessert. Pkt. 5c; oz. 25c.



## PEAS.

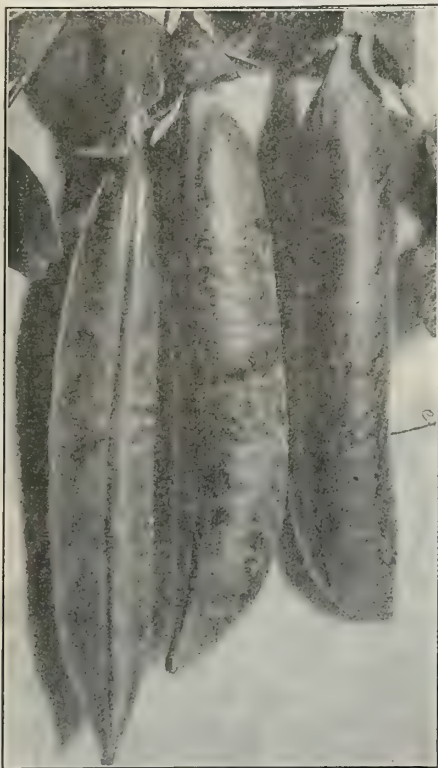
Peas mature earlier in a light, rich soil; for the general crop a moderately heavy soil is best. Commence sowing the early varieties as soon as the ground can be worked, continue for a succession every two weeks until June. It is a good plan to sow the early, second early, and late varieties at the same time for succession. One quart for 100 feet of drill; two or three bushels for an acre. The wrinkled varieties are more susceptible to cold wet weather than the small, round sorts, hence should not be planted very early. They are sweeter and better flavored. In comparing prices, please bear in mind that our prices are postage paid by us, on pints and quarts, and if ordering by express or freight, purchaser may deduct 15c per quart from prices named. Peck and bushel rates by express or freight, purchaser paying charges.

**Crop is extremely short this year. Order your supply early.**

**Saxonia.** See Novelties. As early as the First and Best, with very much larger pods. The best extra early sort. Pkt. 10c; ½ pt. 25c; qt. 75c postpaid.

**Alaska.** A variety of remarkable earliness and hardiness. It is a good yielder and produces pods of good size and dark green color, which are well filled with round, smooth peas of splendid flavor. Height two feet. The color of the dried pea is green. It ripens very evenly, so that one picking will nearly clean off the crop. We advise our market gardeners to give this variety a trial. Ready for the table in forty-eight days. Pkt. 10c; ½ pt. 15c; qt. 50c postpaid. Not prepaid, ½ peck \$1.00; peck \$1.90.

**First and Best.** The standard extra early variety of smooth seeded peas, well known everywhere and largely planted by market gardeners and for home use. Pods are of good size and well filled with round, smooth peas of excellent flavor, ripening at one time, so that generally the entire crop may be gathered at one picking. Is very productive and hardy. Height of vine, 2—2½ feet. Ready for the table in fifty days. Pkt. 5c; ½ pt. 15c; qt. 50c postpaid. Not prepaid, ½ pk. \$1.00; pk. \$1.90.



Everbearing. (Page 96.)

Pkt. 5c; ½ pt. 10c; qt. 35c postpaid. Not prepaid, ½ peck 60c; peck \$1.00.

**Canada Yellow Field Pea.** A splendid crop to sow with oats or barley for green feed. Will produce a crop and enrich the soil at the same time. Succeeds well most anywhere and is very prolific. The dry peas are of good size and excellent for cooking. ½ pt. 10c; qt. 30c postpaid. Not prepaid, ½ pk. 45c; pk. 75c; bu. \$2.50.

## SUGAR PEAS.

**Dwarf Gray Sugar.** Edible Pods. The most desirable and sweetest of all edible pod peas. The pods are of good size, crooked and filled with six to eight peas of the finest flavor. To be recommended for the home garden and remarkable for its prolific yield. Height 15 inches, blossoms purple. Pkt. 5c; ½ pt. 15c; qt. 50c postpaid. Not prepaid, ½ pk. \$1.25.

**Tall Gray Sugar.** Edible pods. Height 4 to 5 feet. Produces abundantly large sized, brittle pods which are cooked like string beans; if used before they begin to ripen they are deliciously sweet and tender. Pkt. 5c; ½ pt. 15c; qt. 50c postpaid. Not prepaid, ½ pk. \$1.00.



Alaska.

**Extra Early May.** An extremely early variety of superior merit. Vines dwarf, about 18 inches high, completely covered with an abundance of the finest well-filled pods. It is of upright, very hardy growth. Pods large for an extra early sort; quality the very best. Matures in 40 to 45 days and always is in great demand for the home garden, especially for the small city garden. Don't fail to include this variety in your order. Pkt. 10c; ½ pt. 15c; qt. 50c postpaid. Not prepaid, ½ pk. \$1.25.

**Bountiful.** Very early and hardy. Of vigorous growth, 2½ feet high, bearing a bountiful crop of large pods well filled with good sized peas. In quality unsurpassed by any other extra early sort. This splendid variety is a money maker for the market gardener and a very fine sort for the home garden. Will outyield the Alaska and be ready for the market at the same time. We can recommend it highly. Pkt. 10c; ½ pt. 20c; qt. 60c postpaid. Not prepaid, ½ pk. \$1.25; pk. \$2.25.

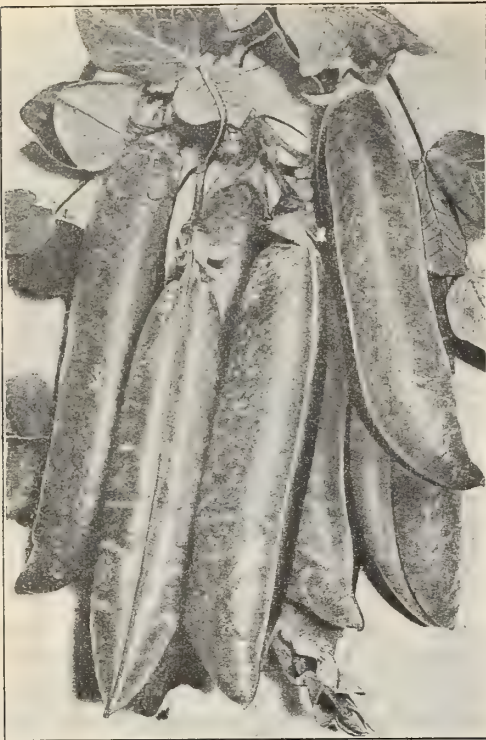
**Fillbasket.** The vines are of strong, sturdy growth, 2½ to 3 feet high and of a decidedly branching character and bear an enormous crop of magnificent, large, round pods each containing eight to twelve peas of remarkable size and very rich and sugary flavor. It has been appropriately termed the "Fillbasket," on account of the extraordinary quality of large pods that it produces. Finest second early pea for market and family garden. Ready for the table in fifty-five days. Pkt. 10c; ½ pt. 20c; qt. 60c postpaid. Not prepaid, ½ pk. \$1.35; pk. \$2.50.

**White Marrowfat.** A very heavy yielding, late variety. Pods large and well filled. 3 to 3½ feet high, robust grower. The dry peas are of large size and excellent for cooking.



Notts Excelsior. (Page 96.)





Surprise.

vines grow 24 inches high. The pods are good sized and well filled; the earliest good quality pea for the home garden. Ready for the table in 50 days. Pkt. 10c; ½ pt. 20c; qt. 50c postpaid. Not prepaid, ½ pk. \$1.25; pk. \$2.25.

**Gradus of Prosperity.** An early, large podded wrinkled pea. The pods are a bright green color; and measure 4 inches in length, well filled with luscious peas, 8 to 10 or more in a pod. The peas are of highest quality and retain to a remarkable degree their attractive appearance after cooking. Height 2½ feet. For the market and home garden one of the best varieties. Pkt. 10c; ½ pt. 20c; pt. 30c; qt. 55c postpaid. Not prepaid, ½ pk. \$1.25; pk. \$2.25.

**Everbearing.** Splendid for second early and main crop; of special value for its continuity of bearing and heavy cropping. The pods are of large size, well filled with very large peas of superior flavor. The vines are of robust growth and branching habit, producing new blossoms after repeated pickings. Height 20 to 24 inches. An ideal sort for the home garden. Pkt. 10c; ½ pt. 20c; qt. 50c postpaid. Not prepaid, ½ pk. \$1.35; pk. \$2.50.

**Champion of England.** An old standard sort that is still in great demand for main crop and late planting. Universally admitted to be one of the richest and best flavored peas grown. The vines are of vigorous growth and produce the large pods of luscious peas in the greatest abundance. Height 4 to 5 feet. Unexcelled for the home garden. Pkt. 5c; ½ pt. 15c; qt. 40c postpaid. Not prepaid, ½ pk. 90c; peck \$1.75.

—————:o:—————

Forest, Kans., Jan 16, 1910.

I received some seeds from you last spring and I like them fine. They grew better than any I ever bought, and I never ate as fine tasting Peas as the Everbearing are. I am going to send in another order for seeds this spring.

MRS. ANDREW JOHNSON.

—————:o:—————

Mt. Vernon, N. Y.

All seeds received from you last spring gave great satisfaction. I never had seeds that came up so nicely as those from the German Nurseries and Seed House. Your prices are reasonable and the quality of seeds are the very best. I am well pleased with them and the treatment I received from you.

GEORGE SCHWARTZ.

## PEAS.—Continued.

### SUGAR PEAS.—Continued.

**Giant German Sugar.** Edible Pods. The vines grow 4 to 5 feet high and bear great quantities of largest size pods, which are exceedingly sweet and tender. Do not fail to give this variety a trial. Pkt. 10c; ½ pt. 20c; qt. 60c postpaid. Not prepaid, ½ pk. \$1.50.

**Mammoth Melting Sugar.** Edible Pods. A late sugar podded pea. Vine 4 to 5 feet. Quality the best of Sugar Peas. Pods 5 and 6 inches long, thick and fleshy. Cooked like string beans, they are a delightful dish. Immensely productive, unsurpassed for the home garden. Pkt. 10c; ½ pt. 20c; qt. 60c postpaid. Not prepaid, ½ peck \$1.50.

### WRINKLED VARIETIES.

**Premium Gem.** Ripens a little later than American Wonder, but generally a better yielder. Pods are 2½ in. long and are well filled with wrinkled peas of finest quality. A grand variety for the home garden. Height 12 to 16 inches. Pkt. 5c; ½ pt. 15c; qt. 50c postpaid. Not prepaid, ½ pk. \$1.15; pk. \$2.00.

**Notts Excelsior.** This excellent dwarf wrinkled pea is of robust and vigorous growth and ripens with the extra early market sorts. The pods are about three inches long, and each pod contains from 6 to 8 large peas, which are tender and of unusual fine flavor. Has become very popular in a few years. Height 15 inches. Pkt. 10c; ½ pt. 15c; qt. 50c postpaid. Not prepaid, ½ pk. \$1.25; pk. \$2.25.

**American Wonder.** A well known and very popular dwarf pea. Very prolific, with pods of good size. Matures early and is strictly a pea for the family garden, requiring no brush or support. Quality is the best. Height 10 inches. Ready for table in 55 days. It is a great favorite in many sections. Pkt. 10c; ½ pt. 15c; qt. 50c postpaid. Not prepaid, ½ pk. \$1.15; pk. \$2.00.

**Surprise.** The earliest of all the sweet, wrinkled peas. This remarkable new sort is a cross between American Wonder and Alaska, possessing the quality of American Wonder and the early season of the Alaska, although not quite so hardy as the latter. The



Fillbasket Pea.  
(Page 95.)



**PEPPER.**

Sow in hotbed early in April and transplant to the open ground when the weather is favorable, in warm, mellow soil, in rows 18 inches apart. May also be sown in open ground when all danger of frost is past and the soil is warm. One ounce to 2000 plants.

**Chinese Giant.** This variety is undoubtedly the largest Pepper in existence. The plant is of strong, vigorous growth, about 2 feet high, and a very prolific bearer. The Peppers are of a bright scarlet color when ripe. The flesh is quite thick, very mild and remarkably sweet. Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.25 postpaid.

**Reinette.** Mildest and sweetest of all peppers. So mild and aromatic is the flesh that the fruit can be eaten raw like an apple, and prepared like a salad. The habit of the plant is compact, of luxurious growth and produces in great quantities large fruits of beautiful dark red color. Pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.20 postpaid.

**Large Sweet Spanish.** Bell-shaped. A very large sort of square form, thick and hard, less pungent than most sorts. Ripens early. Pkt. 5c; oz. 15c; ¼ lb. 50c postpaid.

**Red Cayenne.** A long slim pod, and when ripe of a bright red color; extremely strong and pungent. Pkt. 5c; oz. 15c; ¼ lb. 50c postpaid.

**Ruby King.** The fruits are five to six inches long, by four inches thick, of a bright red color. Remarkably mild and pleasant in flavor. The best for making mangoes. Pkt. 5c; oz. 20c; ¼ lb. 60c postpaid.

**Mammoth Golden Queen.** Average a third larger than Ruby King. Eight to ten inches long. Bright waxy, golden yellow, and of mild flavor. Pkt. 5c; oz. 20c; ¼ lb. 60c postpaid.

**Red Chili.** Small fruits, three inches in length and about an inch in diameter. Bright red, very hot and fiery. Ripens early. Used for making Mexican Chili. Pkt. 5c; oz. 20c; ¼ lb. 65c postpaid.



Chinese Giant Pepper.



Tenn. Sweet Potato Pumpkin.



Small Sugar Pumpkin.

marketing, as it is of convenient size. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c postpaid.

**Common Field.** The well known old Connecticut Field Pumpkin. Best variety to plant with corn. Oz. 5c; ¼ lb. 15c; lb. 45c postpaid. Not prepaid, 10 lbs. \$2.75.

**RHUBARB OR PIE PLANT.**

Succeeds best in deep, rich soil. Sow in spring in drills, cover one inch. Thin plants to six inches apart. Transplant in autumn or spring to permanent beds three feet apart each way. One ounce will produce about 100 plants.

**Linnaeus.** The standard sort. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.35 postpaid.

**Giant.** Very large, quite acid, of fine flavor. Extremely productive. Pkt. 5c; oz. 20c; ¼ lb. 50c; lb. \$1.75 postpaid.

**Rhubarb Roots.** See description and price on page 31.

**PUMPKIN.**

Pumpkins are frequently planted in connection with a crop of corn, or as a second crop after early peas, etc. Plant in drills 8 to 12 feet apart, 1 ounce of seed for 25 hills; 3 to 4 lbs. per acre. If planted with corn, 2 lbs. will plant an acre. The fruits are very susceptible to frost, and therefore they should be gathered and stored in a cool, dry place early in the fall.

**Tennessee Sweet Potato.** There is no variety of Pumpkin in cultivation that has given as great satisfaction as this. Hardy, productive, sweet and delicious, and one of the best for cooking purposes ever introduced. It is of medium size, of a white, creamy color, and has an excellent flavor; good keeper. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c postpaid.

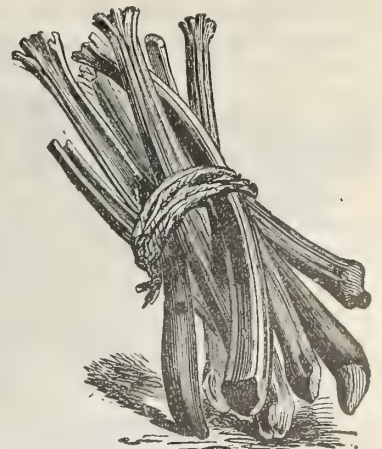
**Japanese Pie.** Skin is deep green, with darker stripes, turning to yellow as fruit ripens. Earlier than any other pumpkin. Seeds marked with curious indentions. Flesh very thick, a rich salmon color, nearly solid, dry and sweet, making rich pies. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c postpaid.

**Large Sweet Cheese.** Fruit flattened, skin cream color; flesh yellow, thick, very tender. Large, hardy and productive. Excellent for table use. Good keeper. Oz. 5c; ¼ lb. 15c; lb. 55c postpaid.

**Cushaw or Crookneck.** Very productive, color light cream, sometimes lightly striped; flesh salmon-colored, mealy, and sweet. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 70c postpaid.

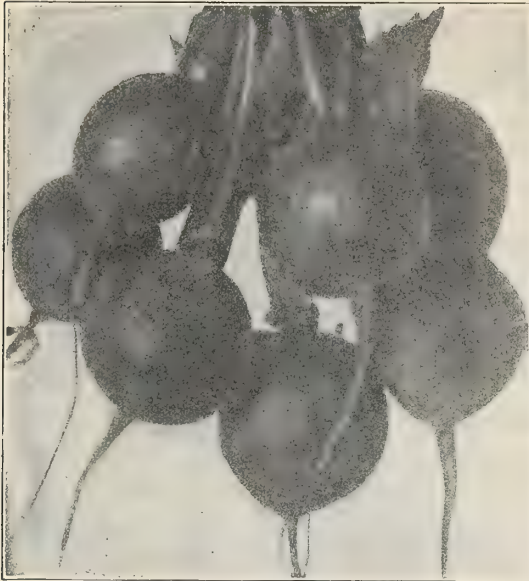
**King of Mammoths.** This variety grows to an immense size, often weighing over 200 lbs. The flesh and skin are of a bright golden yellow color. Flesh fine grained and of excellent quality. Notwithstanding its enormous size, it is one of the very best pie pumpkins and a splendid keeper. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.

**Small Sugar.** Also called Sweet Pumpkin. This is the pumpkin from which the celebrated Yankee pumpkin pie is made. It is small, being about 10 inches in diameter. It has a deep orange yellow skin and fine grained flesh; handsome and is an excellent keeper. It cannot be excelled as a table pumpkin. The average weight is about five lbs. A sure cropper and excellent for marketing, as it is of convenient size. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c postpaid.



Rhubarb.



**RADISH.**

Scarlet Globe.

**Cincinnati Market.** It is a long radish of a light red color, white tipped, of uniform size. Extra early, with small tops. Equally good for forcing and home garden. The flesh is of transparent whiteness, always crisp, brittle and mild flavor. The standard market sort in many localities, especially in the South, but suitable for all sections. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 65c postpaid.

**French Breakfast.** Well known quick growing variety of oval shape. Bright scarlet tipped with white. Of medium size, crisp and tender. Oz. 5c;  $\frac{1}{4}$  lb. 15c; lb. 55c postpaid.

**Chartier.** The color of the top is crimson, running into pink about the middle, thence downward it is pure waxy-white. It is very crisp, tender and of pleasant flavor, the best second early. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 60c postpaid.

**White Globe.** Of beautiful round form, pure white skin and flesh. It is very crisp, grows rapidly and withstands summer heat. Fine for forcing as well as for the open ground. Quality is uniformly good. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 65c postpaid.

**Icicle.** The best long white radish. Very early, with long, slender, pure white roots. The roots grow about four inches long, are of a transparent whiteness, brittle, crisp, and of mild flavor; tops very small. They will keep crisp and fresh for a long time. Equally desirable for home use and the market. Many of our customers consider this to be the finest of all radishes. May be planted throughout the season, for first early, for summer and for late use. The quality is always good. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c postpaid.

**White Munich.** The renowned German radish. The radishes grow from 6 to 8 inches in length, broad at the shoulder, have a white, thin skin, are smooth and grow quickly; flavor mild and agreeable. One of the finest summer radishes and can also be grown as a winter radish, sowing the seed in July. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c postpaid.

**White Strasburg.** A very desirable summer variety. Both skin and flesh pure white, firm and brittle, and of excellent quality. It grows to a large size and holds its table qualities well. Highly to be recommended for summer planting. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 60c postpaid.

**Crystal White.** Splendid globe-shaped radish of rapid growth and transparent white color. Of equal value for forcing and open ground culture. Matures quickly and is of uniform good quality, mild, crisp and tender. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00 postpaid.

One ounce will sow 100 feet of drill, 8 to 10 lbs. per acre. For first crop sow as early in the spring as the ground can be worked, and every two weeks throughout the season, for succession. A warm, sandy loam, made rich and light by strong manure is the best. Sow in drills 10 to 12 inches apart. The winter varieties should be sown in July and August.

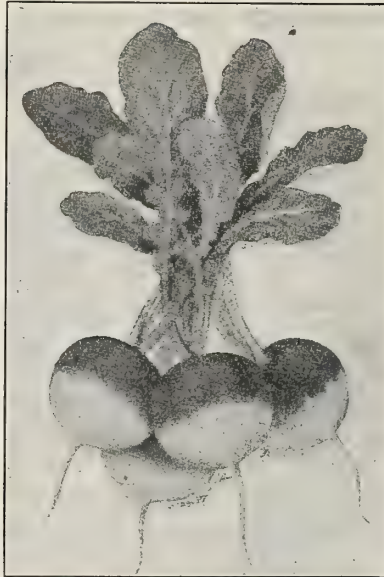
Our Radish seed is saved from selected, transplanted roots, and it costs more to raise Radish seed if grown in that way than if no selection is made.

**Early Scarlet Globe.** A very desirable and popular sort for the garden and for forcing. Extra early, brilliant scarlet, nearly globe shaped and remarkably crisp and tender. It forms small tops and will stand a great amount of heat without becoming pithy. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 70c postpaid.

**Ne Plus Ultra.** An extra early sort especially adapted for forcing, being ready for market in 20 days. Round and bright scarlet; very small tops; quality the best. A favorite with market gardeners. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c postpaid.

**Early Scarlet Turnip.** A small round, red turnip-shaped radish, with a small top, and of very quick growth. An early variety of rich color, crisp and tender. Oz. 5c;  $\frac{1}{4}$  lb. 15c; lb. 55c postpaid.

**Rosy Gem.** Very desirable for forcing and outdoor planting. Tops and roots both small; skin bright scarlet, tipped with white. One of the finest turnip-shaped radishes. A favorite with all market gardeners, and for outdoor planting this is perhaps the most popular radish. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c postpaid.



Rosy Gem.

**Early Long Scarlet Short Top.** This is the standard variety for private garden and market use. It grows 6 to 7 inches long, half out of the ground. It is very brittle and crisp, and of quick growth; color bright scarlet. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 55c postpaid.



Icicle.



**RADISH.—Continued.**

**Crimson Globe.** This variety is suitable both for forcing or early planting out of doors. A remarkable feature of this radish is that it will grow double the size of other round red forcing Radishes and still remain solid. In shape this new Radish is round to oval. The flesh is mild and tender, and we recommend it to our customers as one of the best in its class, having found it to be such in our extensive trials of radishes. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c postpaid.

**White Delicious.** A new summer radish from Germany that has quickly become very popular and should be planted by everyone. See colored illustration on back cover page of this catalogue. Not since the now so popular "Icicle" Radish was brought to us from Germany have we found such an excellent Radish as the "White Delicious." It is particularly adapted for summer use, producing handsome, olive-shaped roots, which are pure white, exceedingly crisp and of mild flavor. It requires a longer time to mature than the earlier varieties of radishes, but remains in fine condition much longer. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

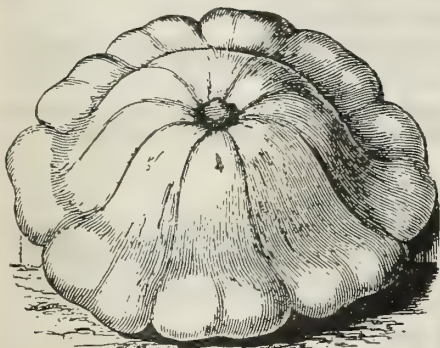
**Mixed Radishes.** In sowing these radishes the advantage is that one sowing will produce early, medium and late radishes of both long and turnip shape. Sow a row of these and you will have delicious radishes throughout the year. The early and medium ones as they mature and are pulled, make room for the larger growth of the fall and winter varieties. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c postpaid.

**WINTER RADISHES.**

The seed of Winter Radishes should be sown during July and early August.

**Long Black Spanish.** One of the latest and hardiest. Roots oblong, black, of very large size and firm texture. Somewhat sharp in taste; best keeper. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c postpaid.

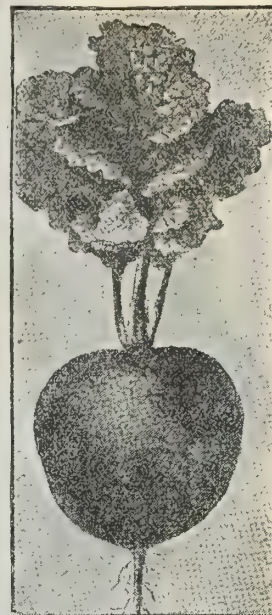
**Rose China.** One of the best fall and winter varieties, a favorite with market gardeners; bright rose color, flesh white, firm and of superior quality. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 70c postpaid.



Early White Bush.

**California Mammoth White.** Pure white. The flesh is tender and crisp; will keep perfectly well through the winter. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c postpaid.

**White Munich.** The radishes grow from 6 to 8 inches in length, broad at the shoulder, have a white, thin skin, are smooth and grow quickly; flavor mild and agreeable. May also be sown earlier for summer use. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c postpaid.



Crimson Globe.

**SQUASH.**

Any good enriched soil is adapted to the growing of the Squash. The seed should not be sown in the spring until danger from frost is past and the ground is warm. Plant in hills (about 8 or 10 seeds to a hill) the early sorts 4 to 6 feet apart, the late varieties 8 to 12 feet. Thin out to three plants in the hill. Keep the earth about the plants loose and free from weeds. One oz. for 25 hills, three to four pounds per acre.

**Early White Bush.** This is the well known White Pattypan Squash. The earliest to mature, very productive, light cream colored. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c postpaid.

**Giant Summer Crookneck.** A great improvement upon the standard, popular, yellow Summer Crookneck. It has nearly double the former size, runs more evenly as to type, and grows fruit in quantity on healthy, compact, bushy plants. The fruit is heavily warted, its flesh is of deep golden color, and its quality is of the very best. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c postpaid.

**Warty Hubbard.** We consider this the ideal type of the Hubbard Squash. It is the best of all winter sorts, and sells at sight in all markets. Very dark green, shell extremely hard and warty. Flesh is dry, sweet and of finest flavor. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c postpaid.

**Hubbard.** Well known standard winter squash. Very similar to the above, however, the fruits are smoother and somewhat smaller in size. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c postpaid.

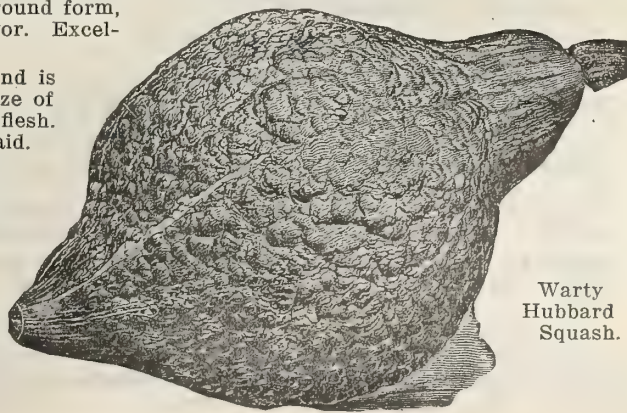
**Golden Hubbard.** This is a very distinct sort, of the shape and general character of the Hubbard, but a little smaller, earlier to mature, and of a rich orange red color, instead of the dark olive green of the Hubbard. The flesh is a little deeper colored and fully as good quality. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 80c postpaid.

**Mammoth Chili.** The largest of the squash family. Of round form, color orange yellow. Flesh very thick, yellow, of good flavor. Excellent keeper. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c postpaid.

**Marblehead.** It is unquestionably an excellent keeper, and is finer grained and dryer than most squashes. About the size of the Hubbard, with shell of bluish-green, and bright orange flesh. Late to mature. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c postpaid.

**Sibley or Pike's Peak.** One of the very best winter varieties. It has the reputation of surpassing the Hubbard in quality. Has large, oval fruits, tapering at the blossom end. Shell hard, dark olive color, of the very best quality. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c postpaid.

**Delicious.** Considered to be the best flavored squash in existence. Color a handsome green and of nice size, weighing 5 to 10 lbs. In thickness of flesh and richness of flavor, it is unsurpassed. Flesh is of dark orange color, fine grained, sweet and dry. Like the Hubbard, it is at its best in the winter. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.



Warty Hubbard Squash.



**SPINACH.**

One ounce will sow 100 feet of drill; 10 lbs. per acre. Select rich, well drained soil, sow in drills one foot apart and one inch deep, or it may be sown broadcast at the rate of 30 lbs. per acre. For spring and summer use make first sowing early in the spring and continue at intervals of two or three weeks, until the middle of June; sow in August and September for early spring use, and protect with a covering of straw during severe weather. Many gardeners use Spinach as a catch crop, obtaining quick results where otherwise land would be idle. The investment is small and the returns generally large.

**Flemish Giant.** The plants of this new spinach are extremely hardy and of extra large size. The leaves are very thick, permitting safe long-distance shipment. It is a splendid sort for the market as well as for the home garden. Succeeds well in our western states. Oz. 5c;  $\frac{1}{4}$  lb. 15c; lb. 40c postpaid. Not prepaid, 5 lbs. \$1.25.

**Victoria.** The foliage is heavy, the broad dark green leaves being of the true Savoy appearance, and are of the finest quality. It is in prime condition from two to three weeks after other varieties have run to seed. Oz. 5c;  $\frac{1}{4}$  lb. 15c; lb. 35c postpaid. Not prepaid, 5 lbs. 90c.

**Round Leaved.** The most popular with our market gardeners, leaves large, thick and fleshy, excellent for fall sowing, being very hardy. Oz. 5c;  $\frac{1}{4}$  lb. 15c; lb. 35c postpaid. Not prepaid, 5 lbs. 90c.

**Long Standing.** An improved strain of especially desirable because it is much later in going to seed. Oz. 5c;  $\frac{1}{4}$  lb. 15c; lb. 35c postpaid. Not prepaid, 5 lbs. 90c.

**New Zealand.** This sort is grown to supply the place of the ordinary Spinach during the hottest months of the year, or in dry, arid localities, where the ordinary spinach does badly. Plant is very large, with thick, fleshy leaves of very fine flavor. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 85c postpaid.

**SALSIFY OR OYSTER PLANT.**

Resembles a small parsnip, and when thinly sliced and cooked is a good substitute for oysters, having a very similar flavor. It succeeds best in a light rich soil. Sow early and quite deep, thin out and cultivate like carrots. Perfectly hardy and may remain out all winter. For winter use store a quantity of the roots in the cellar. 1 oz. to 50 ft. of drill.

**Mammoth Sandwich Island.** This Salsify grows to a large size, and is of superior quality. It is pure white in color, and is valuable to market gardeners. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 35c; lb. \$1.20 postpaid.

**Wisconsin Golden.** Like the Mammoth Sandwich Island, except that the roots have a yellow tinge. When prepared for the table, it is very tender, rich and delicious. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.25.

**Scorzonera or Black Salsify.** Considered the most nutritious vegetable grown. Although the skin is black, the flesh is white and very delicious when cooked. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 45c; lb. \$1.50.

**SWISS CHARD.**

Sow seed early in the spring, in rows 16 inches apart; thin out to stand 6 inches apart in the rows. Additional seedings may be made up to July 15th.

Also called "Silver Kale" or "Cut and Come Again Spinach." It is used for greens the same as Spinach and is of superior quality. It can be used all summer when Spinach is not available. Later the leaves grow very large with broad, beautiful white stems and midribs, which may be cooked like asparagus. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c postpaid.

**ENDIVE.**

Ready for table in 45 to 50 days from seed. 1 oz. to 100 feet of drill. One of the best autumn and winter salads. Sow from June until August, one-half inch deep in drills 14 inches apart and thin out to 1 foot apart in rows. When nearly full grown bleach by tying the tips of the leaves.

**Green Curled.** Large and well adapted to this soil and climate. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00 postpaid.

**Broad Leaved Batavian.** A large summer variety, productive; one of the best. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00 postpaid.

**Giant Fringed Winter.** Best for late planting. Leaves large, very curly, of fine flavor. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 45c; lb. \$1.50 postpaid.

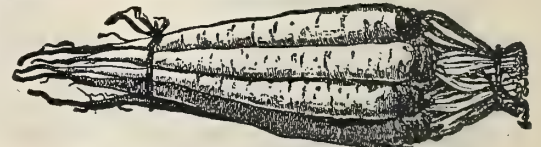
Menno, Kans.

Our seed order was received in good condition and we wish to thank you for your promptness. The seed is better than expected and we did not think that you could give such well filled packets for the small price you ask. Other seed houses do not.

A. D. Peters.



Flemish Giant Spinach.



Sandwich Island Salsify.



Swiss Chard or Silver Kale.



**TOMATO.**

One ounce of seed for 2000 plants. Well manured, light sandy soil is the best. For early plants sow seed in boxes or hotbeds in March. When the plants are about two inches high, transplant to four inches apart each way. Set out of doors as soon as danger of frost is over. Transplant carefully four feet apart each way, and cultivate well as long as vines will permit. To obtain early fruit pinch off the ends of the branches when the first fruit is set. Our seed stock is of the very best selection.

**New Giant Dwarf Tomato.** See colored illustration on back cover and description on page 72. Pkt. 15c.

**Early June.** See Novelties, in center of catalog. Pkt. 10c; ½ oz. 25c; oz. 40c.

**New Coreless.** The most perfect canning variety ever produced. Large size, globe shaped, full at stem end, bright red, a strong grower and big cropper. In season it is a main crop variety. It is most productive, clusters of six or more fruits being produced at close intervals all along the stems. In size this sort averages large, the individual tomatoes weighing twelve ounces or more each. It is so free from any core that it is entitled to be called Coreless. Fine for slicing, the seed cells being surrounded by bright red, heavy, meaty and delicious flesh. Its color is very brilliant and rich red. It is a long distance shipper on account of its superior solidity. Packet 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.25.

**Kansas Standard.** This excellent variety is of very rapid, vigorous growth, with strong, heavy stalks which stand up well. Attains a height of 2½ to 3 feet. Fruit is produced in clusters of 4 to 5 tomatoes; color bright red; shape round, slightly flattened, perfectly smooth; meat solid and thick, of excellent flavor. Is of good size, fine for shipping, and a first rate keeper. Especially adapted to our western climate, withstanding heat and drought well. Pkt. 10c; ½ oz. 15c; oz. 25c; ¼ lb. 85c; lb. \$2.75 postpaid.

**Spark's Earliana.** Extremely early, of large size and beautiful bright red color. Its solidity and fine quality are equal to the best late sorts. The plants are very compact, with stout, jointed branches. It is enormously productive. Fruit is even in form and always smooth, very fleshy, solid and excellent for shipping purposes. For market and for home use the best early tomato. Pkt. 5c; oz. 20c; ¼ lb. 75c; lb. \$2.50 postpaid.

**Chalk's Early Jewel.** Within a week as early as the famous Spark's Earliana, it is even a heavier cropper. Large handsome fruits, very solid, deep through, being almost round, or ball shaped. Color brightest scarlet, ripening right up to the stem without any cracks or green core. Flesh thick, bright scarlet, solid, with comparatively few seeds, and of sweet flavor; skin thin, but sufficiently strong to make it a good shipper. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00 postpaid.

**Peerless.** There is no better variety for the home garden. Being very hardy, of great productiveness, good size and fine flavor it certainly is the finest all-round tomato. Ripens early. The fruits grow in clusters, are very smooth, even in size, and of purplish-red color. Flesh very solid and of excellent quality. Pkt. 5c; oz. 20c; ¼ lb. 70c; lb. \$2.50 postpaid.

**Beauty.** Vines large, vigorous and heavy bearers. Fruit large, uniform in size, very smooth, excellent flavor, color glossy crimson-purplish. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.75 postpaid.

**Improved Trophy.** One of the best, fruit large, smooth, of very deep red color, and good flavor. Well known and largely planted. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00 postpaid.

**Dwarf Champion.** Its habit of growth is not only dwarf and compact, but the stem being thick, stiff and short jointed, it is almost self-supporting when laden with fruit. It is early, of a purplish pink color; smooth, symmetrical, solid, and of fine quality. Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

**Red Peach.** The fruit is of uniform size, resembling a peach in shape, size and color. It is a profuse bearer until killed by frost and has an agreeable, very fine, mild flavor. It is desirable for eating from the hand, as well as for canning. Pkt. 5c; oz. 20c; ¼ lb. 70c.



Kansas Standard.



New Globe.

**Early Minnesota.** This is considered the earliest of all tomatoes. Vines vigorous, producing smooth fruits of fair size, good shape and dark red color. Valuable for extreme northern sections. Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.00 postpaid.

**Atlantic Prize.** An excellent early variety that will average with the medium and late sorts, both in size and shape. It is large, smooth, bright red, one of the most profitable for the market gardener to grow. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.75 postpaid.

**New Globe.** Extra good all round sort, of distinct globe shape. Among the earliest in ripening. The fruits are of large size, and a good marketable size is retained throughout the season; always smooth, of firm flesh and has few seeds; ripens evenly; color a fine glossy rose, tinged with purple. It is the heaviest yielding and finest flavored of all tomatoes.

**Beauty.** Vines large, vigorous and heavy bearers. Fruit large, uniform in size, very smooth, excellent flavor, color glossy crimson-purplish. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.75 postpaid.

**Improved Trophy.** One of the best, fruit large, smooth, of very deep red color, and good flavor. Well known and largely planted. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00 postpaid.

**Dwarf Champion.** Its habit of growth is not only dwarf and compact, but the stem being thick, stiff and short jointed, it is almost self-supporting when laden with fruit. It is early, of a purplish pink color; smooth, symmetrical, solid, and of fine quality. Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

**Red Peach.** The fruit is of uniform size, resembling a peach in shape, size and color. It is a profuse bearer until killed by frost and has an agreeable, very fine, mild flavor. It is desirable for eating from the hand, as well as for canning. Pkt. 5c; oz. 20c; ¼ lb. 70c.

San Jacinto, Calif., 8-15-'10.

I beg leave to report that your New Coreless Tomato beats anything I have ever seen in the Tomato line. Ours have given us a wonderful yield this season.

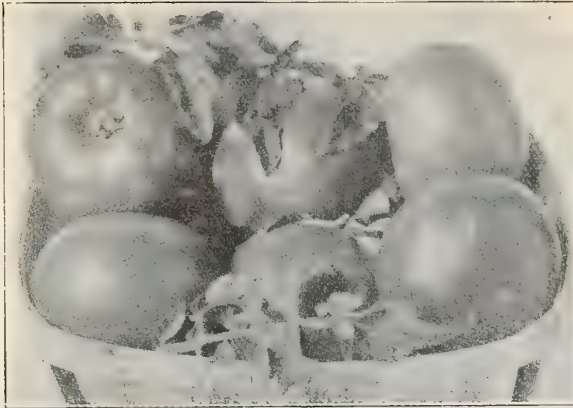
W. B. ROBBINS.



Spark's Earliana.



**TOMATO.**—Continued.



Matchless.

**Matchless.** Unsurpassed for market and table, a splendid shipper and keeper. Fruit large, of rich cardinal red color, free from core. Less liable to crack in wet weather than any other large tomato. The plant is a strong grower, is very productive, bearing well until frost. It is without doubt the very best main crop tomato. Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.25 postpaid.

**Golden Stone.** It ripens for main crop, is very large and of bright scarlet color, very smooth, ripening evenly to the stem without a crack; exceedingly solid and firm fleshed. Is an excellent shipper. Quality is of the very best. Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.25 postpaid.

**Paragon.** Many gardeners, canners and catsup makers will grow no other. An immense cropper, medium in season, and no variety holds its size better late in season. Fruit large, solid, well colored and of fine flavor. Color glossy deep red. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.85 postpaid.

**Golden Queen.** Best large yellow variety; much like Paragon, except in color. The superior flavor of the large yellow ripens very evenly, fruit is smooth, of good quality and fine quality and fine. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.25 postpaid.

varieties is bringing them into favor as table fruit. Fine for the home garden and a good yielder. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.25 postpaid.

**Crimson Cushion.** (Beefsteak.) The best climbing tomato. Can be grown on trellises and in a small space. Fruit is very large, of deep red color and excellent flavor. The plants are very productive. Fine for the home garden. Pkt. 10c; oz. 30c; ¼ lb. \$1.00 postpaid.

**SMALL TOMATOES.**

Excellent for Preserves and Pickles.

**New Everbearing.** Enormously productive, beginning to bear in June and the plants continually produce fruits until cut down by frost. Fruits are produced in immense clusters of 50 or more, are plum shaped, bright scarlet, very solid and of finest flavor. Excellent for preserving. A splendid tomato for the home garden, being the best of all small fruited sorts. Pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.00.

**Yellow Pear Shaped.** Bright yellow, distinctly pear shaped, of rich flavor. Pkt. 5c; oz. 25c.

**Yellow Plum.** Plum shaped, clear deep yellow; fine flavor. Pkt. 5c; oz. 25c.

**Red Cherry.** About five-eighths of an inch in diameter, borne in clusters. Pkt. 5c; oz. 25c postpaid.

**Red Plum.** Plum shaped, rich red color, excellent quality. Pkt. 5c; oz. 25c.

**Husk or Strawberry.** Ground Cherry. Fruit golden yellow, size of a cherry. The fruits are each enclosed in a husk. Of excellent flavor. Packet 5c; ½ oz. 15c; oz. 25c.

Sterling, Colorado.—Your seeds last year were very satisfactory, especially the New Globe Tomatoes which yielded 20 bushels from one packet of seed sown in open ground in May. Ours were the only tomatoes raised to ripen in this vicinity last year.

ANDREW C. LADELY.

**GROUND CHERRY.**

**Yellow Husk Tomato.** (Strawberry or Winter Cherry Tomato.) Plants are of low, spreading habit, and grow well on any good garden soil, even on dry sandy ground. Are easily raised in any locality, and immensely productive; the fruit is simply delicious. For sauce and pies they are excellent. Can be used as preserves, and when dried are much better than raisins for cake and puddings, and they will keep, in the husk, if kept in a cool place nearly all winter. With the addition of lemon juice it is frequently preserved like plums as well as stewed like cranberries. Directions for preserving sent with each packet. Pkt. 5c; ½ oz. 15c; oz. 25c.



Acme.



Pear Shaped Tomato.

**Acme.** Vine hardy and productive. Fruit in clusters of four to five; round, smooth, and of good size; flesh solid and of excellent flavor. Color reddish-purple. Ripens early. There is no better variety for market gardeners who want an early purple fruited sort. Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.00 postpaid.

**Ponderosa.** This is the largest fruited tomato and is of fine quality. The vines are of strong growth; fruits largely oblong in form, deep through, and generally ridged; deep purple in color. They are solidly fleshy with small seed cells; of fine sweet flavor. One fruit often weighs a pound or more. Pkt. 5c; oz. 25c; ¼ lb. 85c.

**Wisconsin Golden Glory.** A very fine yellow tomato of northern origin. In every respect an equal to the best red sorts. Ripens early, is of good size, and excellent quality. Flesh very thick, solid, fine grained and of fine flavor. Heavy and withstands rot well. Pkt. 15c; ½ oz. 30c; oz. 50c.



Everbearing Tomato.



Ground Cherry.



**TURNIP.**

One ounce will sow 125 feet of drill. Two lbs. per acre in drills, three lbs. broadcast. Turnips do best in a highly enriched, sandy or light loamy soil. Commence sowing the earliest varieties in April, in drills from 12 to 15 inches apart, and thin out early to 6 or 8 inches in the row. For late or main crop, sow in July and August.

**Purple Top Strap Leaved.** Superior for early or late planting. Round, flat, good sized, small top with but few leaves; flesh very fine grained. A splendid keeper. Oz. 5c; ¼ lb. 15c; lb. 45c postpaid. 5 lbs. not prepaid \$1.50.

**Purple Top White Globe.** This is the most popular of all market turnips. The shape is globular and of good size, and in appearance it is the best looking of all varieties, the white globe surface having an uneven purple edging at the top. The flesh is firm, fine grained, white, and of most excellent flavor. It is a fine keeper, equally desirable for table and stock. An immense producer and good keeper. Oz. 5c; ¼ lb. 15c; lb. 50c postpaid. Not prepaid, 5 lbs. \$1.75.

**Extra Early Purple Top Milan.** The earliest in cultivation. Of medium size, quite smooth, with a bright purple top; leaves few and short. The flesh is of choicest quality, solid and fine grained. An excellent keeper. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 70c postpaid.

**Extra Early White Milan.** Very similar to the preceding, except the skin is pure white, thus making it especially desirable for forcing. Pkt. 5c; ounce 10c; ¼ lb. 25c; lb. 75c postpaid.

**Early Snowball.** A globe-shaped, white-skinned turnip, very fine grained, firm, and of delicate flavor. One of the best keeping of white fleshed sorts, very early and particularly adapted for family and market use. A popular sort of which we sell large quantities of seed year after year. Packet 5c; oz. 10c; ¼ lb. 20c; lb. 50c postpaid.



Snowball Turnip.

**Early White Flat Dutch.** A most excellent early garden variety and largely used in the Southern states. Roots medium sized, flat, color white; very early, sweet and tender. Oz. 5c; ¼ lb. 15c; lb. 50c postpaid.

**Golden Ball.** One of the best and sweetest yellow fleshed turnips. Not of large size, but firm, hard and of most excellent flavor. Keeps well; excellent quality. Many of our customers prefer a yellow fleshed turnip and the Golden Ball is by far the finest of them all. It has given the best of satisfaction everywhere. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 50c postpaid.

**Cow Horn.** This variety is carrot-like in form, growing nearly half out of the ground. It is delicate and well flavored, of very rapid growth. Excellent for fall and early winter use. Oz. 5c; ¼ lb. 15c; lb. 50c postpaid.

**RUTABAGAS OR SWEDES.**

These require a longer season than Turnips do. For table use, they usually keep better and are slightly better flavored than the Turnip. For feeding stock in fall or winter there is nothing superior to turnips and rutabagas as they are liked by all kinds of stock and keep them in good condition.

**Purple Top Yellow.** Is considered the best yellow fleshed variety. It is of fine quality and is widely grown. It keeps perfectly all winter, and even into the following summer. Its shape is shown in the illustration. It is justly held in high esteem for both table and stock feeding purposes, and can be relied upon for general cultivation in all sections. Oz. 5c; ¼ lb. 15c; lb. 55c postpaid.

**Sweet German.** Flesh pure white and very sweet; grows to a large size, always yields well and is a good keeper. The quality is all that can be desired. For table use and for stock feeding it is one of the best. Oz. 5c; ¼ lb. 15c; lb. 50c postpaid.

**White Russian.** One of the finest Rutabagas, a heavy yielder and very hardy. Keeps in good condition until late in spring. Quality very good, sweet and tender. This is a newer variety that has given splendid satisfaction everywhere and is in great demand for market and table use, also very good for stock feeding. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 60c postpaid.

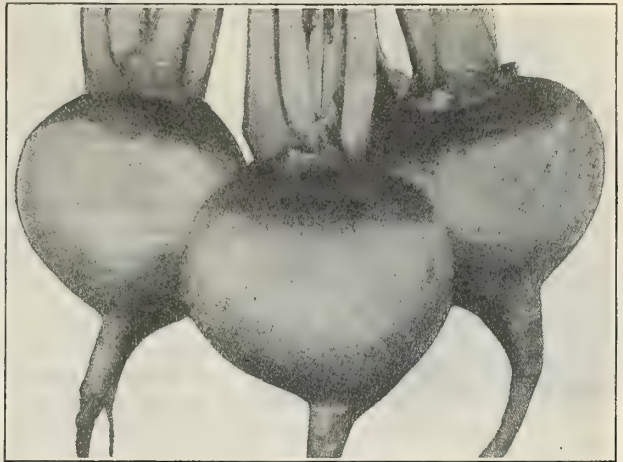
**TOBACCO.**

One ounce will sow about 25 square feet and produce plants for one acre. This is a paying crop and will do well in this state. The following varieties have been thoroughly tested in this climate. Early in the spring burn a brush pile on the ground to be used for seed bed. Then thoroughly pulverize the soil, digging and mixing in the ashes. Sow seeds shallow. When plants are 6 inches high transplant into rows four feet apart.

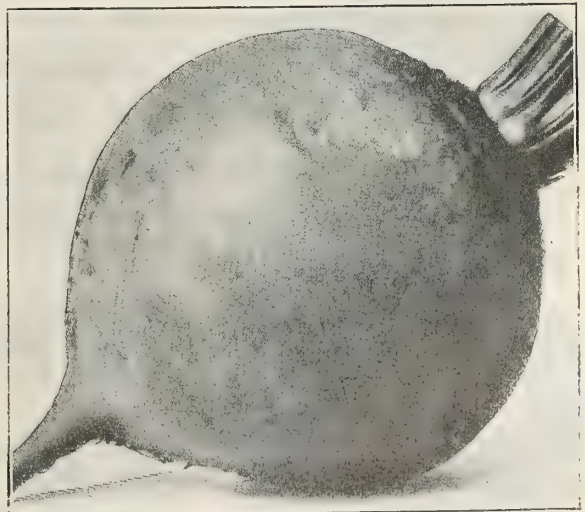
**Connecticut Seed Leaf.** Best adapted to the climate of the Middle and Northern states. Packet 5c; ounce 25c; ¼ lb. 85c postpaid.

**White Burley.** Largely grown for the manufacture of fine cut and plug. Pkt. 5c; oz. 30c; ¼ lb. \$1.00 postpaid.

**Havana.** Well known large leaved variety. Pkt. 5c; oz. 25c; ¼ lb. 85c postpaid.



Purple Top Globe Turnip.



Purple Top Yellow Rutabaga.



## AROMATIC, SWEET, POT AND MEDICINAL HERBS.



Marjoram.

**Caraway.** Seeds are used for flavoring bread, pastry, meats, etc.; also used in confectionery and medicine. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c postpaid.

**Chamomile.** A great medicinal herb. Much used for the well known chamomile tea. Pkt. 10c.

**Castor Oil Plant.** The seeds yield castor oil. Packet 5c; oz. 10c; ¼ lb. 20c.

**Chervil.** Leaves used for garnishing and flavoring; also for salads. Pkt. 5c; oz. 10c; ¼ lb. 25c.

**Fennel.** Leaves are used for garnishing, seeds for flavoring. The leaves boiled are used in fish sauces. Pkt. 5c; oz. 10c; ¼ lb. 25c.

**Horehound.** Leaves used for flavoring. Also used in the manufacture of cough remedies. Pkt. 5c; oz. 25c.

**Lavender.** An aromatic, medicinal herb, but the plant is chiefly grown for its flowers, which are used in the making of perfumes. The dried leaves, put up in paper bags, are used to perfume linen and to keep out moths. Packet 5c; oz. 20c.

**Marjoram, Sweet.** Used for flavoring. The leaves and the shoots may be dried for winter use. Pkt. 5c; oz. 15c; ¼ lb. 45c.

**Opium Poppy.** Medicinal Herb. Pkt. 5c; oz. 10c; ¼ lb. 30c.

**Peppermint.** The leaves and stems are used for flavoring and in cool drinks. 25 seeds 10c; 100 seeds 25c.

**Rosemary.** Leaves are used for seasoning. The oil from the flowers is used in perfumery. Packet 5c; oz. 25c.

**Rue.** Medicinal. Good for fowls for the croup. Should be planted by every keeper of poultry. Pkt. 5c; oz. 20c.

**Saffron.** Used for coloring and flavoring. Pkt. 5c; oz. 10c; ¼ lb. 30c.

**Sorrell, Large Leaved.** For boiling "greens" or used as salad. Cook like spinach. Pkt. 5c; oz. 15c; ¼ lb. 50c.

**Summer Savory.** The plant is aromatic. The leaves and young shoots are used for flavoring, especially with boiled string beans, also used for dressing. Pkt. 5c; oz. 15c; ¼ lb. 50c postpaid.

**Sage.** Leaves used for seasoning and dressing, also in medicine. Pkt. 5c; oz. 15c; ¼ lb. 50c.

**Tansy.** Leaves are used for tea and in bitters. Pkt. 5c; oz. 25c.

**Tarragon.** Highly valued for seasoning and culinary purposes. Packet 10c.

**Valerian.** For medicinal purposes. Pkt. 10c.



Garlic.

Herbs in general, delight in rich mellow soil. Sow early in the spring in shallow drills one foot apart; when up a few inches thin out to proper distance or transplant. Some of them have very fine seed, and it is only necessary, after the seed is sown to press the ground with a board. For flavoring fruits, meats, etc., a few pot and sweet herbs are necessary for every garden. If they are to be used during the winter the stalks should be cut on a dry day, when not quite in full bloom. They should then be dried quickly in the shade, and when dry be packed closely in boxes, with the air entirely excluded.

**Anise.** Used for garnishing, seasoning, and for cordials. The seeds have an agreeable, aromatic taste. Pkt. 5c; oz. 10c; ¼ lb. 25c.

**Arnica.** Tincture of Arnica is made from it. Packet 10c.

**Artemesia.** (Mugworth.) For flavoring stews, roasts, etc. Packet 10c.

**Balm.** The leaves are used for making balm wine, a pleasant beverage; also for tea, used in fevers. Pkt. 5c; oz. 25c; ¼ lb. 75c.

**Basil, Sweet.** The leaves are used for flavoring soups, stews, etc., also for garnishing. Pkt. 5c; oz. 15c; ¼ lb. 50c.

**Borage.** Leaves used for salads. Flowers excellent for bees. The lower spikes can be used in cool drinks. Flowers very aromatic. Most easily grown in any soil or any waste place. Pkt. 5c; oz. 15c; ¼ lb. 45c.

**Chives.** Used for seasoning. Onion flavor. Packet 5c; ½ oz. 30c; oz. 50c.

**Coriander.** Seeds are aromatic. Used for flavoring and in the manufacture of liquor and confectionery. Leaves used for garnishing. Packet 5c; oz. 10c; ¼ lb. 25c; lb. 65c postpaid.

**Dill.** Leaves and seeds are used for flavoring soups, sauces, preserves and pickles. Packet 5c; oz. 10c; ¼ lb. 25c; lb. 75c postpaid.



Summer Savory.

**Sweet Woodruff.** For flavoring wine. The well known ingredient of the German "Maitrank." The shoots are also used for scenting clothes. Packet 10c.

**Thyme.** A medicinal and culinary herb. Young leaves and tops are used for soups, dressing and sauce, either green or dry. Thyme tea is a cure for nervous headache. Pkt. 5c; oz. 20c; ¼ lb. 70c.

**Wormwood.** Medicinal Herb. Beneficial for poultry, and should be planted in every poultry yard. Packet 5c; ounce 20c.

**Winter Thyme.** True Winter or Perennial. Is used same as Thyme. Packet 10c.

## GARLIC.

The garlic is the most pungent of all the onion family. The root or bulb is composed of many small bulbs called "cloves," which are planted in the spring six to eight inches apart, and in August the bulbs are ready to gather. Large bulbs, ½ lb. 25c; lb. 45c postpaid.

## HERB PLANTS.

**Chives.** Field grown plants. Bunch 15c; 3 for 40c; 10 for \$1.00 postpaid.

**Mint.** The old fashioned mint, used for mint sauce and juleps. 2 year old plants, each 20c; 10 for \$1.75 postpaid.

**Tarragon.** (Artemesia dracunculus.) The genuine perennial kind. 2 year old plants, each 20c; 10 for \$1.75 postpaid.



## MISCELLANEOUS SEEDS.

### CURLED CHERVIL.

The leaves are used in flavoring soups and salads for garnishing. More beautiful than parsley. Of dwarf growth, with finely curled leaves. One ounce will sow 100 feet of drill. Cultivate same as parsley. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 65c postpaid.

### GARDEN LEMON.

Fruit is of shape shown in our engraving, is somewhat smaller than Vine Peach, which it resembles in growth, but has thinner flesh, and is decidedly more acid, thus dispensing with the sliced lemons which are so important in putting up the Vine Peach. Directions for cooking with each packet. Pkt. 5c; oz. 15c; ¼ lb. 50c.



### LENTILS.

Used in oriental countries as principal article of diet. Splendid for soups and also used extensively for pigeon food. Cultivate same as peas. Large pkt. 5c; lb. 30c postpaid.

### MUSHROOMS.

The ease and certainty with which a crop of mushrooms can be grown to perfection in any ordinary house, cellar, woodshed or barn, and the astonishing success of so many who have taken up this new industry both for profit and their own use, induces us to call special attention to the subject. The great luxury can be enjoyed by all at a trifling expenditure of money, time and labor. We recommend our English mushroom spawn as generally better both for the market gardener and private planter. Book, "How to grow Mushrooms," 10c.

**Improved English Spawn.** This is grown by special culture from large perfect heads and then pressed into bricks weighing about 1½ lbs. each. Per brick 40c postpaid. Not prepaid, 5 lbs. 75c; 10 lbs. \$1.35.



Mushrooms.

### ORNAMENTAL MICE.

Is a native of Central Africa, having a small, neat growing vine, and bears numerous oval fruits, clear green in color, which are always completely covered with long, light green spines or hairs. Nice for pickling. **CATERPILLARS.** Prostrate creeping plants with small flowers changing into "Vegetable Caterpillars." **SNAILS.**—Another singular variety having most oddly shaped seed pods resembling snails. **WORMS.**—Curiously formed fruits of odd shapes. Above varieties mixed, packet 10c.

### PEANUTS.

Can be grown as far north as South Dakota, and everyone should plant at least a few for the children.

**Mammoth Virginia.** The most profitable to grow, easily cultivated. Very erect stems and upright foliage, and the largest pods and kernels of any variety. The vines make valuable forage. Plant in drills four feet apart, placing nuts 6 inches apart. Packet 10c; ½ lb. 20c; lb. 30c postpaid. Not prepaid, lb. 20c; 5 lbs. 90c.

**Spanish.** The earliest variety grown; pods are small, but remarkably solid and well filled. Plant in drills 3 feet apart, placing nuts 8 to 10 inches apart. Pkt. 10c; ½ lb. 20c; lb. 35c postpaid. Not prepaid, lb. 25c; 5 lbs. \$1.00.



Peanuts.

### POTATO SEED.

Hybridized potato seed from the flower boll (the true seed). It is from such seed that the choice new varieties of potatoes are originated. The result is interesting and often very profitable. Packet 10c; 3 packets for 25c.

### ROSELLE.

The Lemonade Plant of Queensland. The fruit resembles the scarlet podded okra, and is used for making jelly and jam. It is easily grown from seed, grows rapidly and resists drought. It is a very ornamental plant and also of great food value, warranting more extended cultivation. Packet 10c.

### VINE PEACH.

The vine on which they are borne is somewhat similar to the muskmelon vine, and requires the same cultivation. The fruit is about the size of a large peach, oval shaped, and of bright orange yellow color, somewhat russeted. For sweet pickles, pies or preserving they are superb. Pkt. 5c; oz. 15c; ¼ lb. 50c postpaid.

### FENUGREEK.

Annual. This seed is much sought by hostlers to give temporary fire and vigor to their horses. It is frequently given to oxen and pigs when fattening, causing them to drink and digest their food. Good for soiling when green. Ounce 10c; lb. 50c postpaid.



Tulsa, Okla., Mar. 13, 1910.—For the last four years I have bought my vegetable seeds from your firm, and they were always satisfactory. Last year I tried the Vine Peach and Garden Huckleberry for the first time. They certainly are very useful. The fruits were just fine, especially the Vine Peach, many large, luscious fruits, much larger than described in catalog. My husband couldn't praise them enough, every chance he got.

MRS. ANNA ELISA BIERI.



# FLOWER SEEDS

On the following pages we offer the best varieties of choice Flower Seeds. Our seeds are fresh and of unsurpassed quality, grown by the best growers in this country and Europe. Quality is always our first consideration. There is no space so small that there is not room for a few of these beautiful flowers, and with a small outlay, a succession and abundance of bloom can be obtained. Our packets contain a liberal quantity of seed, more than is generally sent out by other firms. **Annuals** bloom and ripen seed the first year and then perish. They are marked "A" after name. **Perennials** continue flowering several years in succession. Many of them bloom the first year. They are marked "P" after name.

Cultural directions given on all packets. Notice our List of Novelties on Pink Sheets in center of Catalogue.

Purchasers may select flower seeds IN PACKETS ONLY, to the amount of \$1.25 for \$1.00. This discount does not apply to collections of seeds, nor to seeds by weight or measure. All flower seeds are sent postpaid by mail on receipt of price.



Auricula.

## ABRONIA. A.

**Grandiflora.** Flowers rosy lilac, sweet scented. Does well in light soil. For beds, borders and hanging baskets. Packet 5c.

## ALYSSUM. A.

**Sweet.** Flowers white, fragrant. Easily grown in boxes, vases and in beds. Used extensively as a border plant. Pkt. 3c; ½ oz. 15c; oz. 25c.

**Carpet of Snow.** Of dwarf, dense growth, completely covered with snow white flowers. Blooms all summer. Nice for borders. Pkt 5c; ½ oz. 25c.

## AMARANTHUS. A.

**Caudatus.** (Love Lies Bleeding.) Very large, handsome, drooping flower spikes of blood red color. 3 feet. Pkt. 5c.

**Tricolor.** Handsome foliage plant. Leaves yellow, red and green. Well known as "Joseph's Coat." 3 feet high. Packet 5c.

## ANTIRRHINUM. A. (Snapdragon.)

These plants do not receive the attention they deserve. Undoubtedly one of the best cut flowers. Easily grown from seed, and for beds and borders are excellent.

**Giant Flowered.** Flowers very large and fragrant, produced in long spikes all summer. Pkt. 10c; ½ ounce 20c.

**Dwarf Mixed.** Plants grow about 1 foot high. Pkt. 5c; ¼ oz. 20c.

**Tall Mixed.** Plants grow 2 feet high. Packet 3c; ¼ oz. 15c.

## AGERATUM. A.

**Blue.** Very pretty sky-blue flowers. Nice for borders. Packet 5c; ¼ oz. 10c.

## ARABIS. A.

**Alpina.** (Snow in Summer.) Very early white spring flower. Dwarf, fine for edging. Quite fragrant. Should be in every garden. Pkt. 5c; ¼ oz. 15c.

## ARCTOTIS GRANDIS. A.

**African Lilac Daisy.** A new flower; 3 inches across, showy, pure white on upper surface, and reverse side of petals pale lilac blue. Blooms abundantly all summer. Pkt. 10c; 3 for 25c.

## ARMERIA. P.

**Mountain Pink.** Flowers grow in large tufts, rosy-pink. Beautiful for edging. Packet 10c.

## AURICULA. P.

A well known favorite of great beauty. Flowers are of a great many very lovely shades and sweet scented. Seed saved from splendid mixed varieties. Half hardy perennial, 6 inches high. Pkt. 10c.

## BRACHYCOME. A.

**Swan River Daisy.** Of Dwarf growth, very free flowering. Covered with a profusion of pretty flowers nearly all summer. Suitable for edging, small beds or pot culture. Pkt. 5c; ¼ oz. 15c.

## BUTTERFLY PLANT. A.

**Commelina.** Plants are of graceful, trailing habit, superb for carpet bedding. In pots it blooms every day in the year. In the garden from May until frost, showing daily scores of large butterfly-like blossoms. Color, beautiful blue. Thrives in sun or shade, wet or dry, rich or poor soil. Blooms in 50 days from seed. Pkt. 10c.

## AQUILEGIA. P. (Columbine.)

**True Rocky Mountain.** Colorado's emblem flower. Free flowering; for permanent borders, etc. Blossoms light blue. Pkt. 10c.

**Single and Double Mixed.** Many different varieties. All colors mixed. Packet 5c; ¼ oz. 10c.

## ASPERULA. A.

**Azurea.** Fragrant, light blue flowers. Thrive well in shady places. Pkt. 4c; ½ oz. 10c.



Alyssum, Carpet of Snow.



**ASTERS. A.**

Asters are of easy culture. The seed can be sown in the open ground in May and the plants will then bloom in September and October. For earlier blooming, seed should be sown in March or April, in cold frame or hot-bed, or boxes in the house. Seed should not be covered more than 1/4 inch.

**Unicum.** Pure white, large flowers, gracefully curled and twisted. Very fine. Finest sort for cut flowers. Packet 10c.

**White Giant Comet or Poodle Aster.** The handsomest of the tall asters. Resembling Japanese Chrysanthemums. Packet 10c.

**Dark Blue Giant Comet.** Very large, double flowers, resembling the finest chrysanthemums, color a beautiful intense dark blue. Packet 10c.

**Daybreak.** This beautiful aster is one of those rare gems that has come to stay. The flowers are round, large and full, on long stems; color a charming sea-shell pink; early and free flowering. Pkt. 10c; 1/8 oz. 25c.

**Violet King.** The habit is similar to the branching Aster. In form the flower is entirely new and distinct; petals somewhat resemble the Quilled varieties, but are much larger and broader, those in the center being curled and incurved. The bloom is round and full, many measuring from 4 to 5 inches. Its color is a soft, violet-lilac. Pkt. 10c; 1/8 oz. 25c.

**Lavender Gem.** When first opened the flower is an exquisite shade of delicate lavender, deepening with age. The flower is always full double, looking like a beautiful large chrysanthemum. Pkt. 15c.

**Surprise.** This is the nearest approach to a real Yellow aster. The flowers are large, globular, quilled and very double and of a clearly pronounced sulphur yellow. Packet 10c; 3 for 25c.

**Liliput Bouquet.** One of the most exquisite of all the asters, and especially suited for pot culture or for a low border. Extremely dwarf, being only 8 or 9 inches high, but almost smothered with blossoms. Splendid mixture. Packet 10c; 3 packets for 25c.



Comet Branching Aster.

**Comet or Branching.** Flowers large, very double, borne on long stems. Best for cut flowers. Mixed. Pkt. 5c; 1/4 oz. 30c.

**Hohenzollern.** The finest of the large flowered asters. Larger than Giant Comet, the petals longer, more curled. Blooms very abundantly on long stems. Finest cut flower. Mixed. Pkt. 10c; 1/8 ounce 25c.

**Ideal Everblooming.** This new aster produces more good cut flowers than any other kind. The plant, 18 inches high, is in bloom from August to the end of September. Pkt. 10c.

**Paeony Flowered.** Plants 18 to 20 inches high. Flowers large, extra double. Mixed colors. Pkt. 5c; 1/8 oz. 20c.

**Victoria.** Magnificent sort, 20 inches high, free bloomer, very double; colors distinct and brilliant. Finest mixed. Packet 10c; 1/8 ounce 30c.

**Dwarf Chrysanthemum.** The finest of all dwarf asters; with large, beautiful flowers in brilliant colors. Mixed. Pkt. 5c; 1/8 oz. 25c.

**German Quilled or Japanese Needle Aster.** Nice double flowers, very free blooming. Mixed colors. Pkt. 5c; 1/4 oz. 15c.

**Many Kinds Mixed.** Very superior. Pkt. 5c; 1/4 oz. 20c.

**Single Flowering.** True China Aster. Finest assortment of colors. Packet 5c; 1/4 oz. 20c.

**Perennial. P.** Hardy Alpine Aster. Single flowering, hardy herbaceous plants. If sown early will flower the first season. The flowers are beautiful. Mixed. Pkt. 10c.

**BALSAM. A. (Lady Slipper.)**

One of the most beautiful annuals. Flowers brilliantly colored, very large and double. Balsams like rich soil and a sunny location.

**Camelia Flowered.** Very double, extra large flowers of rich color. Finest Mixed. Packet 5c; 1/4 oz. 25c.

**Double White.** Flowers are extremely double, very large, of true Camelia shape. Pkt. 10c.

**Rose Flowered.** Splendid rose-like flowers of brilliant colors. Packet 5c; 1/4 oz. 25c.

**Dwarf Double Mixed.** Finest Varieties. Pkt. 5c; 1/4 oz. 20c.

**Tall Carnation Flowered.** Flowers are large, double and beautifully striped. Pkt. 5c; 1/4 oz. 25c.

**Nightblooming Balsam. (Nycteria.)** Flowers single, pure white, emitting a strong delicious heliotrope perfume after sundown. Should be in every garden. Packet 5c; 1/4 oz. 20c.



Balsam, Double White.





German Carnation.

flowers. Fine for solid beds and edging. Pkt. 10c;  $\frac{1}{4}$  ounce 20c.

**All Colors Mixed.** A good assortment. Packet 3c;  $\frac{1}{2}$  ounce 10c; oz. 15c.

**White Rocket.** Large white flowers. One foot high. Packet 5c;  $\frac{1}{2}$  ounce 10c.

#### CANNA. A.

Stately plants of luxuriant and tropical appearance. Easily grown from seed. Will bloom the first year.

**Large Flowering Mixed.** The best varieties. Packet 5c; ounce 25c.

**Madame Crozy.** Dark leaved varieties. Packet 5c; ounce 25c.

#### CARNATION. P.

Well known flowers for house and garden culture. Flowers are large and fragrant. Our seed is unsurpassed.

**Double German.** Finest mixed. Sweet scented, double, large flowering sorts. Best for house culture. Packet 10c.

**Everblooming French.** Flowers large, very double, deliciously sweet, and of rich color. Bloom in four months from seed. Packet 10c.

**Scarlet Grenadin.** The best carnation for the garden. Flowers double, large, rich scarlet. Lives through the winter with little protection. Pkt. 10c.

**Marguerite.** For garden and house culture. The beautiful, fragrant flowers are in bloom in four months after time of seeding. Blooms nearly all the time. Mixed colors. Packet 5c.

**Giant Marguerite.** The seed of this new strain will bloom in about four months after sowing, and the plants will continue to flower all through the summer. The flowers are of very large size, measuring 3 inches or more in diameter; the colors are very beautiful. Packet 10c.

#### CELOSIA OR COXCOMB. A.

Handsome garden and pot plants, bearing large combs of crimson, pink or golden striped color.

**Dwarf Mixed.** Splendid mixture of dwarf sorts. Pkt. 5c;  $\frac{1}{2}$  oz. 20c.

#### CERINTHE. A.

**Wax Plant.** Beautiful and easily grown annuals. Excellent bee plant. Flowers bright yellow, often spotted with purple. Pkt. 5c; oz. 15c.

#### CALCEOLARIA. P.

Produces a mass of beautiful pocket-like flowers. Universal favorite for house culture and conservatory. Finest mixed. Pkt. 20c.

#### CALENDULA. A.

Will grow in any soil and bloom all summer. Excellent for bouquets and vases. One foot high. Sow seed outdoors quite early. Mixed colors. Pkt. 5c;  $\frac{1}{2}$  oz. 10c.

#### CALLIOPSIS. A.

One of the showiest of garden flowers, covered with hundreds of flowers from July to October. Is of easiest culture. Grows 2 feet high. Fine cut flower.

**Golden Wave.** Plants very bushy and compact. 2 feet high. Flowers beautiful golden yellow with dark center. Pkt. 5c;  $\frac{1}{4}$  oz. 10c.

**Golden Ray.** Bright, showy flowers of rich purplish-brown, turning golden yellow toward the end of each petal. Plants grow about 8 inches high, of compact, bushy habit, and are extremely profuse bloomers. A beautiful new variety. Pkt. 10c;  $\frac{1}{4}$  oz. 20c.

**Hybrida Superba.** These pretty plants form dense bushes and are covered the entire summer with their beautiful flowers in all shades of yellow and brown. For groups, borders and pots and also as cut flowers, they are most desirable. Pkt. 10c; 3 pkts. 25c.

**Finest Mixed.** Many varieties. Packet 5c;  $\frac{1}{2}$  oz. 10c.

**Double Mixed.** Fine double flowers, free bloomer. Splendid for cut flowers. Grow 15 inches high. Choice varieties in mixture. Pkt. 5c;  $\frac{1}{4}$  oz. 10c.

#### CAMPANULA. P.

Canterbury Bells. Hardy perennial favorites, bearing large bell-shaped flowers in profusion. Grows best in light sandy soil.

**Double Mixed.** All sorts and colors. Packet 5c;  $\frac{1}{8}$  ounce 15c.

**Single Mixed.** Many colors. Splendid assortment. Packet 5c;  $\frac{1}{8}$  ounce 10c.

**Cup and Saucer.** The beautiful, bell-shaped flowers are nearly 4 inches across, in form of a saucer. Mixed. Packet 5c;  $\frac{1}{8}$  oz. 20c.

#### CANDITUFT. A.

Hardy annuals that grow easily in any soil, and bloom very freely all summer.

**Dwarf Empress.** Plants grow about 8 in. high, covered with extra large, pure white flowers. Fine for solid beds and edging. Pkt. 10c;  $\frac{1}{4}$  ounce 20c.

**All Colors Mixed.** A good assortment. Packet 3c;  $\frac{1}{2}$  ounce 10c; oz. 15c.

**White Rocket.** Large white flowers. One foot high. Packet 5c;  $\frac{1}{2}$  ounce 10c.



Calliopsis.



Celosia or Coxcomb.



**CENTAUREA. A.**

Also called Bachelor's Button, Blue Bottle, Ragged Sailor, Corn Flower. Old favorite garden annuals, flowering freely in any situation and requiring little or no care.

**Mixed.** Many varieties mixed. Packet 3c; ½ oz. 10c; oz. 15c.

**Americana.** Grows 3 feet high. Large, ball like flowers of heliotrope color; very fragrant. Valuable for cut flowers. Packet 10c.

**Double.** Beautiful double flowers of many colors. Packet 5c.

**Emperor.** Lovely dark blue flowers of many lovely shades. Pkt. 5c; ½ oz. 10c; oz. 15c.

**Gymnocarpa.** (Dusty Miller.) Finely cut, silver-white leaves. Showy foliage plants for borders; 1½ feet high. Pkt. 5c; ½ oz. 25c.

**Marguerita.** Large, pure white flowers, sweet scented. Fine for cutting. Pkt. 5c; ¼ oz. 15c.

**Imperialis** or Sweet Sultan. Large, beautiful flowers. Packet 5c.

**CHRYSANTHEMUM. A.**

These hardy annuals are showy and effective border plants, extensively grown for cut flowers.

**Double and Single Mixed.** Pkt. 5c; ¼ oz. 10c.

**Evening Star.** Flowers pure golden yellow and 3 inches in diameter. Bad weather has little or no effect on the stems, the petals remaining firmly extended in the rain and sunshine. The plants bloom in about 10 weeks after sowing, continuing till frost. Pkt. 10c.

**Maximum. P.** Moonpenny or Ox-Eyed Daisy. A free blooming hardy perennial, two feet high, covered with large, single, pure white flowers. Pkt. 5c; ¼ oz. 20c.

**Perennial.** Chinese and Japanese varieties. Will bloom in fall from seed sown in March. Flowers large, very double. Packet 10c.



Delphinium.



Centaurea.

**Giants of California.** Flowers very large and beautiful. Handsome fern-like foliage. Start the seed early. Finest mixed. Packet 5c; ¼ oz. 15c.

**Mammoth Fancy.** Very large beautiful flowers in exquisite shades. Packet 10c.

**DAHLIA. P.**

Can easily be raised from seed and will bloom profusely the first year. One of the best late summer flowering plants.

**Cactus Flowered.** Flowers large, beautiful cactus form. Splendid mixed. Pkt. 10c.

**Colossal.** New Paeony flowered class; mammoth blooms of many shades. Pkt. 10c.

**Double Mixed.** Large flowering double varieties. All colors. Packet 5c.

**Single Mixed.** They produce flowers of large size in greatest abundance. Packet 5c; ¼ ounce 10c.

**DATURA. A.**

**Trumpet Flower.** Large, trumpet-shaped flowers, very showy. Of easy culture. Packet 5c; ¼ ounce 15c.

**DELPHINIUM OR LARKSPUR.—Annual Varieties.**

These hardy annuals are of great beauty in borders or among shrubs. The long flower spikes appear in greatest profusion.

**Dwarf Hyacinth Flowered.** The plant grows 2 to 3 feet high; the flower spikes resemble a double Hyacinth. Colors are brilliant and delicate. Finest mixture. Packet 5c; ¼ ounce 15c.

**Double Tall Mixed.** Produces freely long, slender flower spikes of great beauty. Plants 3 to 4 feet high. Packet 5c; ¼ oz. 10c.

**DELPHINIUM OR LARKSPUR.—Perennial Varieties.**

**Chinese Blue.** Plants grow 3 feet high. A distinct and pretty variety, with fine feathery foliage, and producing freely spikes of large blossoms, varying in color through all the delicate shades of blue. Pkt. 5c; ½ oz. 15c.

**Nudicaule.** Plant grows 1 foot high. The only pure bright scarlet. Dwarf and compact in growth, with flower stems of fine length. A native of California. Pkt. 20c.

**Zalil.** Flowers are bright yellow. One of the most beautiful perennials. Flowers resemble the finest orchids. Packet 10c.

**Perennial Mixed.** Hardy perennial plants with brilliant flower spikes that are strikingly effective. Finest mixture double and single flowering. Pkt. 5c; ¼ oz. 15c.



Cosmos.

**CHOCOLATE FLOWER. A.**

Plant grows 2½ feet high and bears numerous long stemmed flowers of a peculiar chocolate brown color and sweet odor. Fine cut flower. In bloom July to October. Pkt. 10c.

**CINERARIA. P.**

Very showy plants for pot culture. Large, beautiful flowers. The extreme grace and elegance of the plant and flowers make them effective for home decoration. Packet 15c.

**COLEUS. A.**

Handsome foliage plant, easily grown from seed. Leaves large and rich in color. 2 ft. high. Mixed. Pkt. 5c.

**COSMOS. A.**

Grows and blooms with greatest freedom in any soil. Flowers dainty, of brilliant colors, carried on long slender stems. Foliage feathery and very pretty. Extra fine for cut flowers.

**Early Flowering.** Many varieties mixed. Will bloom from July to November. Pkt. 5c; ¼ oz. 20c.





Dianthus or Pinks.

**DOUBLE DAISIES. P.**

Will bloom the first summer and continue to bloom for years, with slight protection during the winter. Very pretty and deserve to be grown much more than they are.

**Giant Snowball.** Flowers large, double, snow white, on long stems. Free flowering. Pkt. 10c.

**Finest Mixed.** Assortment of various kinds and colors. Pkt. 5c.

**Burbank's Giant Shasta.** Flowers very large and graceful, pure white, single, and grow on long, stiff, wiry stems. Packet 10c.

**DWARF MORNING GLORY.**

**Convolvulus. A.** This is one of the plants that should be better known. Grows easily and rapidly from seed, and the plants are covered with flowers the entire season.



Four O'Clock.

One foot high. Mixed. Packet 5c; oz. 15c.

**ESCHOLTZIA. A.**

Or California Poppies. Showy summer blooming plants, bearing a profusion of richly colored flowers. Fine for beds, edging or masses.

**Double Mixed.** Pretty double flowers, white, rose and yellow. In bloom from June until cut down by frost. Mixed. Packet 5c; ½ oz. 15c.

**California.** Large yellow flowers. Packet 3c; oz. 15c.

**Golden West.** Extra large flowers of bright yellow and orange. Pkt. 10c; ¼ oz. 20c.

**Bush Escholtzia.** Very beautiful plant, forming a nice bush, covered with large, cup-shaped flowers 3 inches across, on long stems. The color is bright yellow. The cut flowers keep in water for two weeks. Packet 10c; ¼ oz. 20c.

**FOUR O'CLOCKS. A.**

Also called Mirabilis and Marvel of Peru. Well known free flowering garden favorite. Does well everywhere. Give each plant 12 to 15 inches of room. Will grow splendidly along the fence, requiring no care and blooming freely.

**Dwarf Mixed.** Many colors. Packet 5c; oz. 15c.

**Sweet Scented.** Flowers white, very fragrant. Packet 5c; oz. 25c.

**Striped Leaved.** Very ornamental. Blooms continually. Packet 5c; oz. 20c.

**DIANTHUS OR PINKS. A.**

For beautiful and lasting cut flowers, ease of culture, and freedom of bloom, these hardy Garden Pinks have no superior among annuals. Have long been a favorite garden flower everywhere.

**Wonderful.** Japanese variety with large single flowers, the petals of which are deeply cut and fringed. All colors. Packet 10c.

**Count Kerchov.** Beautiful new Pink with large, full flowers of dark blood red color. Blooms profusely and long season. Pkt. 10c.

**Giant Ruffled and Fringed.** A magnificent new strain with extra large flowers. The petals are ruffled, frilled and fringed. Many beautiful colors. Packet 10c.

**Double Royal Pinks.** Flowers of the largest size, very double, light and dark shades. Lovely cut flowers. Packet 10c.

**Imperial Chinese.** Double flowers of great beauty and rich colors. Best mixture. Packet 5c; ½ oz. 25c.

**Laciniatus.** Flowers are large, very double and finely fringed. Packet 5c; ¼ oz. 25c.

**Heddewigii.** Large double flowers. One of the most showy of all pinks. Mixed colors. Packet 5c; ¼ oz. 25c.

**Mourning Cloak.** The large, double, almost black flowers, have a clear white, fringed edge. Packet 5c; ¼ oz. 25c.

**Snowball.** Flowers double, very large, often 3 inches in diameter, resembling a pure white carnation. Packet 10c.

**Heddewigii, Giant Single.** Immense flowers of strikingly pretty colors. Mixed. Packet 10c; ¼ oz. 25c.

**Star Pinks.** Beautiful, star shaped, pure white flowers. Plants grow only 10 inches high. Excellent for edgings. Profuse bloomer. Packet 10c.

**Deltoides. P. Maiden Pinks.** Pretty little flowers of deep red color. Plant of dwarf creeping habit. Fine for borders and massing. Will grow easily most anywhere. Packet 5c; ¼ oz. 20c.

**Grass Pinks. P.** The delicately fringed flowers are fragrant and fine for bouquets. Pkt. 5c; ¼ oz. 25c.

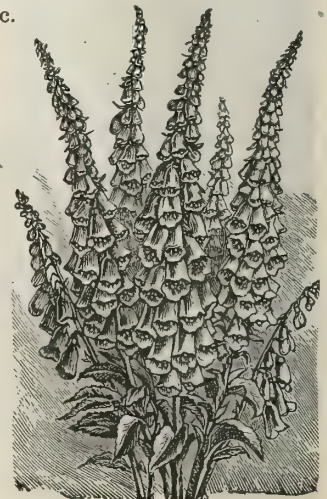
**Erfurt Clove Pinks. P.** The plants are of dwarf growth, perfectly hardy and produce immense quantities of clove scented flowers. Packet 10c.

**DIGITALIS OR FOXGLOVE. P.**

Beautiful for shrubberies or along shaded walks or drives. It thrives in sun or partial shade, is of easy cultivation, comes readily from seed. The long flower stems are loaded with pretty flowers of delicate and varied shades. 3 to 4 feet high. Blooms from June to September. All colors mixed. Pkt. 5c; ¼ oz. 15c.

**EDELWEISS. P.**

**Gnaphalium.** The true and famous Edelweiss of the Alps. Flowers star-shaped, downy and silver-white. Pkt. 10c.



Digitalis.



**FORGETMENOT. P.**

(Myosotis.) Neat and beautiful little plants, with star-like flowers. Succeeding best in a moist situation.

**Alpestris.** Lovely sky-blue flowers. Packet 5c.

**Palustris.** The true water Forgetmenot. Blooms continuously. Pkt. 10c.

**FUCHSIA. P.**

Well known house plant. Blooms the first year from seed. Double and Single mixed. Packet 20c.

**GAILLARDIA. P.**

Undoubtedly one of the choicest of hardy perennials. Flowers are large, very numerous and fine for cutting.

**Finest Mixed.** Brilliant shades of orange, crimson, scarlet and vermilion. Packet 5c; ¼ oz. 15c.

**Double Annual.** The large double flowers are round as a ball, in the most varied colors. Nice for bouquets. Pkt. 5c; ¼ oz. 15c.

**GODETIA. A.**

Of easiest culture. The flowers are of handsome shape, brilliant in color and are produced in marvelous profusion. Tall mixed. Pkt. 5c; ¼ oz. 10c.

**GOLD FLOWER. A.**

**Heterospermum.** Flowers golden yellow. The plants bloom continually from June until frost, commencing four weeks after sowing. Packet 10c.

**GYPSOPHILA. A.**

Also called Angel's Breath and Baby's Breath. This plant thrives everywhere and furnishes the loveliest material for all kinds of bouquets. Pkt. 3c; ½ oz. 10c.

**Helianthus.** See Sunflower.

**HELIOTROPE. P.**

A great favorite with everybody. Flowers very pretty and of delightful fragrance. A splendid bedding plant as well as suitable for house culture. Seed sown in February or March will produce large, flowering plants the first summer.

**Finest Mixed.** Bloom from seed the first summer. Pkt. 5c; ⅓ oz. 25c.

**New Mammoth.** A grand variety, producing immense clusters of fragrant flowers. Packet 10c.

**HUNNEMANIA. A.**

Very beautiful plant, forming a nice bush, covered with a great profusion of large, cup-shaped flowers 3 inches across, on long stems. Color bright yellow. The cut flowers keep in water for two weeks. Pkt. 10c; ¼ oz. 20c.



Grass Pinks.



Gaillardia.

**GRASS PINKS. P.**

**Hardy Scotch Pinks.** The delicately fringed flowers are bright in color and very attractive. Adapted for beds and borders. Spicy odor; in bloom all the time. Fine cut flowers. Pkt. 5c; ¼ oz. 25c.

**HOLLYHOCK. P.**

One of the most majestic of hardy plants. For planting among shrubbery or forming a background for other flowers it is without an equal.

**Double Mixed.** A fine mixture of double sorts. Pkt. 5c; ¼ oz. 20c.

**Chater's Extra Double.** Flowers large and very double. Finest strain obtainable. Mixed. Pkt. 10c; ½ oz. 25c.

**Annual Everblooming.** A strain of quick blooming Hollyhocks. Seed sown in March will produce plants that bloom in July and continue until frost. Flowers are double, semi-double and single. Mixed colors. Pkt. 10c; ¼ oz. 25c.

**ICE PLANT. A.**

Will do best on dry, sandy soil.

The plant is of dwarf habit; flowers are white, wax-like and frosted. For rock work and hanging baskets. Packet 5c; ¼ oz. 15c.

**IMPATIENS HOLSTII. A.**

It forms elegant bushes, 1½ to 2 feet high. The flowers measure 1½ inches across and are of a brilliant vermilion color. Sown in March the seedlings may be planted out end of May and will be continuously in bloom from June until frost. Pkt. 10c.

**KENILWORTH IVY. P.**

**Linaria.** A charming little plant for baskets, vases, pots, etc. Flowers in shades of lavender and purple. Pkt. 10c.

**LANTANA. P.**

Desirable bedding plant, constantly in bloom. Verbena-like heads. Also suitable for pot culture, for hanging baskets and vases. Mixed. Packet 5c; ¼ oz. 10c.

**LEMON VERBENA. P.**

Every garden should have a few of these fragrant plants. Grows easily from seed and makes a nice pot plant. Packet 10c.

**LINUM PERENNE. P.**

Beautiful hardy perennial, producing bright blue flowers the entire summer. 18 inches high. Packet 5c; oz. 20c.

**LINUM. A.**

**Scarlet Flax.** An effective and showy bedding plant, 12 inches high. Foliage is finely cut and flowers are brilliant scarlet. Pkt. 5c; oz. 15c.



Heliotrope.





Lobelia, Crystal Palace.

**LYCHNIS. P. (Burning Star.)**

Grand hardy perennial plants for beds and borders. Will bloom year after year, requiring no protection.

**Chalcedonica.** Plants grow 1 foot high and will bloom the first year from seed. Flowers brilliant scarlet, star-shaped. Pkt. 5c; ¼ oz. 15c.

**MIGNONETTE. A.**

A well known fragrant favorite. No garden is complete without a bed of Mignonette. Also suitable for pot culture. Should be watered freely until plants are several inches high.

**Giant Machet.** There is no Mignonette which can equal this. Its flowers are larger in every way than those of other sorts, the spikes are very dense, its foliage is distinct, being crinkly, while its odor is strong and most delicious. The plants grow in handsome bush form and the flower spikes borne on stiff wiry stems. Blooms until late fall. Pkt. 10c; ¼ oz. 20c.

**Sweet Scented.** The old sweet scented variety. Pkt. 3c; oz. 10c.

**Golden Queen.** Flowers yellow, very sweet. Pkt. 5c; ¼ oz. 15c.

**Giant White.** Long white flower spikes; produced in great abundance. A very pretty variety. Pkt. 5c; ½ oz. 15c.

**Myosotis.** See Forgetmenots.

**DWARF NASTURTIUMS. A.**

These may well be classed among our most beautiful and showy annuals. They are of very easy culture, and make a continuous show of bloom.

**Dwarf Chameleon.** Bears flowers of various colors on one and the same plant. Packet 5c; oz. 15c; ¼ lb. 45c.

**Dwarf Golden King.** Dark foliage; bright golden yellow flowers. Pkt. 5c; oz. 10c; ¼ lb. 25c.

**King of Tom Thumbs.** Deep scarlet flowers. Pkt. 5c; oz. 10c; ¼ lb. 25c.

**Dwarf Mixed.** Pkt. 3c; oz. 10c; ¼ lb. 25c; lb. 75c postpaid.

**Dwarf Ivy Leaved.** New sorts in finest mixture. Pkt. 10c; ½ oz. 15c; oz. 25c; ¼ lb. 75c.

**CLIMBING NASTURTIUMS. A.**

Elegant and luxuriant climbers for verandas, trellises, etc. May be used to cover unsightly railings and to trail over rough ground with fine effect.

**Tall Chameleon.** This beautiful new variety produces various colored flowers on the same plant. Pkt. 5c; oz. 15c.

**King Theodore.** Flowers rich deep crimson, dark leaves. Pkt. 5c; oz. 10c; ¼ lb. 30c.

**Tall Ivy Leaved.** Finest assortment of Ivy Leaved varieties. Pkt. 10c; ½ oz. 15c; oz. 25c; ¼ lb. 75c.

**Lobb's Climbing.** A grand free flowering variety. Very showy and rich colored flowers. Finest mixed. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

**Tall Mixed.** A nice mixture of many bright colors. Pk. 3c; oz. 10c; ¼ lb. 25c; lb. 75c postpaid.

**LOBELIA. A.**

Popular and beautiful flowering plants, suitable for edgings, hanging baskets and pot culture. Bloom from June to November.

**Crystal Palace.** Flowers rich, deep blue; dark foliage. Best for bedding. Packet 10c; ¼ oz. 25c.

**Golden Foliage.** Azure blue; foliage yellow. Packet 15c.

**Cardinalis.** A fine border plant 3 feet high, with large spikes of brilliant scarlet flowers. Packet 10c.

**LUPINS. A.**

Ornamental, free flowering plant for borders and beds, with long spikes of richly colored flowers.

**Dwarf Mixed.** Annual free flowering varieties. Packet 5c; oz. 15c.

**Perennial Larkspur Flowered.** Extra long spikes of pretty flowers in blue and lilac shades. Grows 2 to 3 feet high. Pretty and fine for cutting. Packet 10c; ½ oz. 25c.

**MARIGOLD. A.**

Free flowering old favorites of easy culture. Well adapted for large beds and mixed borders.

**Dwarf French.** Double mixed. Pkt. 3c; ½ oz. 15c.

**Tall African.** 2½ feet high. Large Double Flowers. Mixed. Packet 5c; ½ oz. 15c.

**Cross of Honor.** Plants grow 9 inches high and bloom until late fall. Flowers single, rich golden yellow, with a large spot of velvety brown. Pkt. 5c; ½ oz. 15c.

**Sweet Scented.** Large, beautiful flowers. Pkt. 5c; ¼ oz. 15c.

**MIMOSA. A.**

(Sensitive Plant.) Curious and interesting plants. The leaves close and droop when touched or shaken. Flowers red; 1½ feet high. Pkt. 5c.

**MIMULUS. P.**

Showy, profuse flowering plants for shady situations or house, blooming the first year from seed. One foot high.

**Tigrinus** or Monkey Flower. Mixed spotted varieties. Pkt. 5c.

**Moschatus** or Musk Plant. Of dwarf, somewhat creeping habit. Flowers yellow, have strong musk fragrance. Pkt. 5c.



Nasturtium.



Mignonette, Giant Machet.



**NEMESIA. A.**

Very pretty bedding flower of easiest culture. Flowers large, of rich color and are produced in wonderful profusion. Packet 10c.

**NICOTIANA. A. (Tobacco Plant.)**

**Affinis.** This plant grows to a height of 2½ feet and produces an abundance of large, pure white flowers of delicious fragrance. Pkt. 5c; ¼ oz. 15c.

**Sanderae.** Will thrive anywhere and produce lovely flowers of carmine-red color from summer to late autumn. Packet 10c.

**Sanderae, New Hybrids.** Easily cultivated and free growing plant that will thrive in any soil, either in pots, boxes or in the open ground. Grows about 2 feet high. Mixed. Pkt. 10c.

**NIGELLA. A.**

(Love in a Mist or Devil in a Bush.) A compact free flowering plant with finely cut foliage and curious looking flowers and seed pods. 1 foot high. Packet 5c; ½ oz. 10c; oz. 15c.

**NYCTERINA. A.**

**Night Blooming Balsam.** Of dwarf growth. Flowers single, pure white emitting a strong delicious heliotrope perfume after sundown. Should be in every garden. Pkt. 5c; ¼ oz. 20c.

**OENOTHERA. A.**

**Evening Primrose.** Neat plants, with large, saucer-shaped flowers, white or golden-yellow; open at dusk; emit a delightful perfume. Pkt. 5c.

**PALMS. P.**

Nice stately palms are comparatively easy to grow from seed and the plants make splendid ornaments. Directions for culture on each packet.

**Latania Borbonica.** This is the typical palm with large fan-like leaves. The finest of all palms. Pkt. of 10 seeds 10c.

**Chamarops Excelsa.** One of the best plants for house culture. Pkt. 12 seeds 10c.

**Phoenix.** Beautiful specimen for house culture. Pkt. 10 seeds 10c.

**Washingtonia.** The fan-shaped leaves are fringed with long, thread-like filaments. Stands neglect well. Pkt. 10c.

**Cyperus.** The well known Umbrella Palm. Pkt. of about 60 seeds 5c.



Nicotiana Sanderae Hybrids.

**PETUNIA. A.**

For bedding, edging or house culture, few plants equal the Petunia in effectiveness and bright colors. Easily cultivated and blooms all season.

**Double Mixed.** Beautiful large flowering varieties mixed. Packet 25c.

**Canary Bird.** The lovely flowers are of good size, with fringed and curled borders, and of a distinct yellow color. Pkt. 20c.

**Giants of California.** Flowers single, very large, in great variety of colors. Packet 15c.

**BEDDING PETUNIAS.**

**Little Gem.** Bushy little plants 8 inches high. Flowers show a five pointed star; all colors. In bloom all the time. Pkt. 10c; ½ oz. 40c.

**Striped and Blotched.** Very free flowering. Fine for bedding and window boxes. Packet 5c; ½ oz. 20c.

**Norma.** Beautiful bedding Petunia forming compact bushes covered with numerous blue flowers, each one showing a white star. In bloom all summer. Packet 15c.

**Alba.** Pure white. Desirable for cemetery planting, or where large masses of white are wanted. Grows 12 inches high. Pkt. 5c; ¼ oz. 25c.

**Countess Ellesmere.** Flowers are of a beautiful shade of pink. A very fine bedding Petunia. Packet 5c; ¼ oz. 25c.

**Kermesina.** Flowers bright, glowing crimson. Pkt. 5c; ¼ oz. 25c.

**Venosa.** Beautifully veined flowers of many shades. Pkt. 5c; ¼ oz. 25c.

**Good Mixed.** Many colors mixed. Packet 5c; ½ oz. 20c; ¼ oz. 35c.

**PORTULACCA. A.**

Also called Rose Moss or Sun Plant. One of the most popular hardy annual plants of easy culture. The flowers are of the richest colors and are produced in wonderful profusion all summer.

**Single Mixed.** Large flowering sorts in fine mixture of all colors. Packet 5c; ¼ oz. 20c; ounce 60c.

**Double Mixed.** Many shades of choice double flowering sorts. Selected strain. Pkt. 10c; ¼ ounce 75c.

**Double White.** Packet 10c.

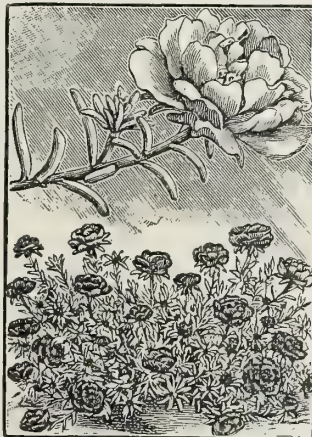
**Double Scarlet.** Packet 10c.

**Double Pink.** Packet 10c.

**Double Yellow.** Packet 10c.

Collection of four separate colors, 1 packet each, for 35c.

Sharonville, Ohio, Sept. 16, 1910.—Enclosed find order for bulbs. The Aster seed we got from you last spring was fine. FRED POTTHOFF.



Double Portulacca.



Petunias.





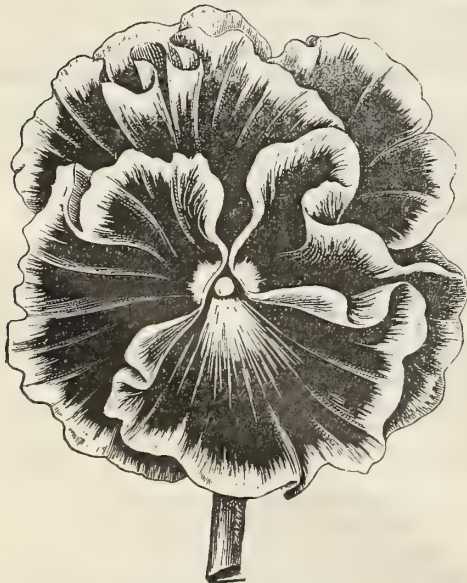
Three Blossoms of Our German Imperial Pansies.

Seed sown in April or early in May will produce fine plants by July 1st, which will bloom until late fall. For early spring and summer blooming sow the seed in August and protect the plants during the winter. Cover the seed but lightly and keep the soil moist until the plants are up. Our seed was grown by specialists and is the best obtainable. Good results are sure to follow if you sow our Pansy seed. Our packets contain 150 to 250 seeds.

**Masterpiece or Germania.** New Giant Curled Pansy. This strain comes nearer to double Giant Pansies than anything ever introduced under that name. The petals are crimped and curled in such a fashion that the flowers appear double. The flowers are of enormous size, often 3 inches across, and the color variations and combinations are odd and striking, the rich, dark velvety shades predominating. Pkt. 20c; 3 for 50c.

**Pretiosa.** A new and very beautiful Pansy with extra large flowers. The color is carmine-purple with bright violet blotches and distinct margin of glistening pure white. Packet 20c.

**Orchid Flowered.** This new giant flowered Pansy shows the most surprising, novel, unique, and beautiful color combinations, entirely new among pansies. The upper petals are upright and plaited, resembling orchids. The ground color of nearly all the flowers is light. Pkt. 20c.



Masterpiece Pansy.

## PANSIES.



Pansies are too well known to require any description, as they are favorites with all. For best results you must start with a good strain of seed. The finest pansies are, as a rule, shy seeders, which accounts for the difference in the prices of the various mixtures offered below. The plants thrive best in a cool, moist, but well drained and enriched soil.

**Phenomenal or Mad Perret.** Beautiful giant flowered Pansy with frilled edge. Colors are rich wine shades and red with a white margin. A very fine sort. Pkt. 15c.

**Psyche.** Giant Flowered. Each flower is elegantly curled and undulated and in every respect a beauty in form and color. The characteristic five velvety violet blotches or eyes are surrounded by a broad white edge. Comes true from seed. Pkt. 15c.

**Siegfried.** Of giant size, the flowers are borne on strong stems. They are mostly 5 spotted with a clear white margin. The colors are of rich brown shades such as are found in English wallflowers. Pkt. 15c.

**Giant Trimardeau.** Flowers are extra large and stand well above the foliage. Each flower is marked with 3 large blotches. Strong growers. Pkt. 10c; ½ oz. 40c.

**Bugnot's Mammoth.** Of enormous size and circular form; the petals are of great substance and velvety appearance, each one bearing a large, deeply colored blotch that runs out in delicate veins to the edge; the shadings comprise tints of red, bronze and brown. Packet 15c.

**German Imperial.** Elegant, richly colored flowers of large size and perfect shape. Fine for bedding. This is the finest mixture of Giant Flowered Pansies and is sure to please everybody. Pkt. 10c; ¼ oz. \$1.00.

**English Tufted Pansy or Pansy Violet.** Elegant free blooming plants for partially shaded beds and borders. They are more hardy than regular Pansies. Large flowering varieties mixed. Pkt. 15c.

**Quadricolor or Pheasants Eye.** Elegant spotted and marbled, large flowers. Packet 5c; ½ oz. 30c.

**Cardinal.** The finest bright red Pansy. Very showy. Pkt. 10c.

**Light Blue.** A delicate shade. Packet 5c.

**Snowflake.** Large, satiny, pure white flowers. Packet 5c.

**Yellow.** Beautiful golden-yellow with dark eye. Packet 5c.

**King of Blacks.** Velvety black, the darkest pansy known. Pkt. 5c.

**Striped Varieties.** The lovely flowers are striped and mottled in various tints. Exceedingly pretty. Packet 5c; ½ oz. 25c.

**Extra Fine Mixed.** We make up this mixture from the finest varieties of English, German, French and Belgian Pansies. An endless variety of colors and markings. Packet 10c; ¼ oz. 50c; oz. \$1.75.

**Good Mixed.** Many varieties and colors. Pkt. 5c; ¼ oz. 30c; oz. \$1.00.

Long Prairie, Minn., 3-2-10.

Your vegetable and flower seeds gave splendid results last year. I shall always remain your customer.

CHARLES PFEIFFER.



**PHACELIA. A.**

A charming annual of spreading habit, growing 2 to 3 feet high. Flowers purplish-blue, very pretty. In bloom until fall and of easiest culture. Splendid bee food. Packet 5c; oz. 10c.

**PENTSTEMON. P.**

Large flowering, very attractive plant, much used in hardy borders. Forms large and beautiful flower spikes. Height 2 to 3 feet. Mixed Hybrids. Packet 10c.

**PENTSTEMON. A.**

Large flowering annual varieties. Very best kind in splendid mixture. Packet 5c.

**PERILLA. A.**

An elegant foliage plant of easiest culture. Leaves dark purple. Two feet high. Pkt. 5c; ½ oz. 15c.

**PHLOX DRUMMONDI GRANDIFLORA. A.**

Of all summer flowering annuals the varieties of large flowering Phlox are one of the most brilliant and satisfactory. From June until October they maintain an endless display of dazzling and varied colored flowers.

**Starred and Fringed.** Very pretty star-shaped flowers. Plants are of dwarf growth. The flowers have a most distinct and star-like appearance, their attractiveness being enhanced by white margins which border the petals. Mixed colors. Packet 10c; ½ ounce 20c.

**Alba.** Extra large, white flowers. Pkt. 5c; ¼ oz. 30c.

**Scarlet.** Intense, glowing scarlet. Pkt. 5c; ¼ oz. 30c.

**Rose.** Pleasing shade of rose pink. Pkt. 5c; ¼ oz. 30c.

**Yellow.** Flowers large, of lemon yellow color; quite novel and distinct. Pkt. 5c; ¼ oz. 30c.

**Extra Choice Mixed.** This mixture contains the best varieties. Packet 5c; ¼ oz. 25c.

**Dwarf Mixed.** Of dwarf, compact habit. Fine for pot culture, for bedding and edging. 6 to 8 inches high. Very profuse bloomer. Packet 10c; ½ oz. 25c.

**Double Flowering.** Flowers double and semi-double; last longer than single Phlox. Mixed colors. Pkt. 10c.

**Perennial Mixed.** Hardy perennial sorts in splendid mixture of colors. Packet 10c; ½ oz. 40c.



Phlox Drummondii.

**POPPIES. A.**

**Admiral.** A new single paeony-flowered Poppy of surprising beauty. The large, round, smooth-edged flowers are of a glistening pure white color, with a broad band of brilliant scarlet around the top. Packet 10c.

**Golden Foliage.** A new and novel variety, with beautiful golden-yellow foliage, and large double flowers in various shades of red. Plants grow about 12 inches high and bloom continuously for two months. Packet 10c.

**Tulip Flowered.** The perfect and strikingly beautiful flowers resemble the Tulip. Intense fiery scarlet; single. Packet 10c; ¼ oz. 20c.

**Shirley.** Silk or Ghost Poppies. Handsome single flowers of glowing colors. Sown in June they will produce beautiful flowers in September. Mixed. Packet 5c; ¼ oz. 15c.

**Double Paeony Flowered.** Large showy, double, globular flowers, resembling a double paeony. We can supply the following solid colors for bedding purposes:

WHITE, ROSE, SCARLET, PURPLE, YELLOW.

Each per packet 5c; ½ oz. 15c.

**Collection** of one packet each of the 5 colors for 15c postpaid.

**Double Paeony Flowered Mixed.** Flowers as large as Paeonies and very double. Finest mixture of many colors. Packet 5c; ½ oz. 10c.

**Double Carnation Flowered.** Flowers of large size and varied colors. Very popular. Pkt. 5c; ½ oz. 10c.

**Double and Single Mixed.** Special mixture of many double and single flowered varieties. Extra choice. Pkt. 5c; ½ oz. 15c; oz. 25c.

**Horned Poppy.** The large, fine shaped flowers measure three inches across and are of brilliant orange red with black or yellow spots on each petal. Blooms continuously. 2½ feet high. Pkt. 5c; ½ oz. 15c.

**PERENNIAL POPPIES.**

**Iceland Poppy. P.** Will produce flowers the first year from seed. The colors range from pure white to orange-scarlet and flowers are slightly fragrant. Nice for vases and house decorations. Finest mixed. Pkt. 10c; ½ oz. 20c.

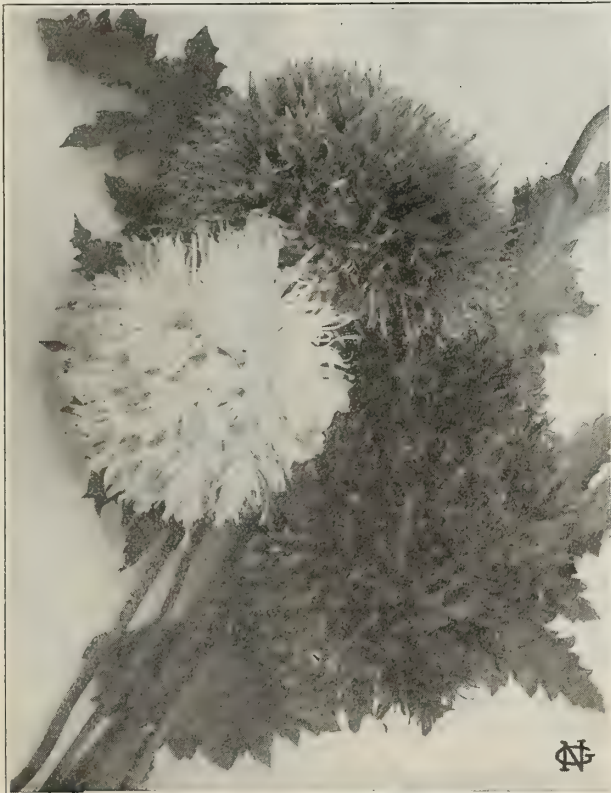
**Perennial Mixed. P.** Nice assortment of many hardy perennial Poppies. Pkt. 10c; ¼ oz. 25c.

**PYRETHRUM. P.**

Handsome herbaceous plants of easy culture. Very popular wherever they are known.

**Golden Feather.** Beautiful golden leaved foliage plant; for borders and ribbon beds. 6 inches high; half hardy perennial. Packet 5c.

**Hybridum.** Beautiful hardy perennials blooming in May and June. Large, aster-like flowers in many shades. Always in demand for bouquets. Single and double mixed. Packet 10c.



Double Paeony Flowered Poppies.





Everblooming Primrose.

**SCHIZANTHUS. A.**

Butterfly Flower or Poor Man's Orchid. Easily grown and worthy of a place in every garden. Will bear great masses of pretty flowers and is suitable for winter blooming in pots. The gay butterfly-like blossoms are beautifully marked and spotted, closely resembling some species of fine Orchids. Fine cut flowers. Mixed colors. Packet 5c;  $\frac{1}{4}$  oz. 15c.

**SCABIOSA. A.**

Mourning Bride or Egyptian Rose. Exceedingly pretty border plants, producing great numbers of very showy double flowers in a variety of colors. Splendid cut flowers. Blooms freely during the summer and autumn. 2 feet high. Should be more generally planted.

**Snowball.** Flowers large, pure white and very double. Splendid for vases and bouquets. Packet 5c;  $\frac{1}{4}$  ounce 15c.

**Double Mixed.** Large flowering varieties. Pkt. 5c;  $\frac{1}{2}$  oz. 15c.

**STOCKS, GERMAN DWARF TEN WEEKS. A.**

Stocks are among the finest annuals. The plants commence to bloom in about ten weeks from time of germination and continue until frost. Flowers are of brilliant color and very fragrant. An exceedingly fine plant for pot culture.

**Double Fancy Mixed.** An assortment of large flowering sorts of all colors. Pkt. 5c.

**SEPARATE COLORS.**

**Pure White.** Packet 10c.

**Crimson.** Packet 10c.

**Purple.** Packet 10c.

**Blue.** Packet 10c.

**Yellow.** Packet 10c.

**Any 3 Packets 25c.**

**Dresden Everblooming.** Cut and Come Again Stock. Flowers are very large, double and fragrant. Plant grows 24 inches high and branches freely. Seed sown in April will make blooming plants by July, which continue in flower until frost. Mixed colors. Packet 10c.

**Brompton or Winter.** A new winter flowering variety, producing long spikes of large, double, fragrant flowers. Packet 10c.

**Night Scented Stock.** (Mathiola.) A charming hardy annual which begins to bloom in June. Flowers lilac-pink, very sweet scented after sundown. Should be in every garden. Height 15 inches. Packet 5c;  $\frac{1}{4}$  oz. 20c.

**Virginia Stocks.** (Malcolmia.) Pretty dwarf free flowering plants, extremely effective in small beds or edgings. Very bright colored flowers. Mixed. Packet 5c;  $\frac{1}{2}$  oz. 10c.

**PRIMULAS. A.**

**Chinese Primrose.** One of most important winter blooming pot plants, in bloom almost all winter. Mixed. Pkt. 15c.

**Primula Obconica.** Everblooming Primrose. Splendid for pot culture and also for the open border in summer. Flowers single, in shades of lavender, pink and red. Packet 15c.

**Primula Auricula.** Garden Primrose. A well known favorite. Sweet scented. Also see Auricula on page 106. Pkt. 10c.

**Primula Vulgaris.** Hardy English Garden Primrose. Flowers lovely canary yellow and of sweetest fragrance. Packet 10c.

**RICINUS OR CASTOR BEAN. A.**

Stately, strong growing plants with very ornamental foliage, well adapted as center plants for Canna or Dahlia beds and single specimens on lawns.

**Sanguinensis.** Beautiful, brownish-red foliage. Height six feet. Packet 5c; oz. 10c.

**Zanzibariensis.** Plants grow 12 to 15 feet high. The enormous leaves measure  $2\frac{1}{2}$  feet across and are beautifully lobed. An effective plant for lawns. Packet 5c; ounce 15c.

**Mixed.** Many kinds mixed. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c.

**SALVIA SPLENDENS. P.**

**Scarlet Sage.** Blooms first year from seed. A favorite bedding plant, bearing long spikes of beautiful, scarlet flowers from July till frost. Packet 10c;  $\frac{1}{8}$  oz. 25c.

**SALPIGLOSSIS. A.**

Of easy culture, blooming from early summer until late fall. Flowers orchid-like. One of the finest and best of our annual garden flowers. Large flowered mixed. Packet 5c;  $\frac{1}{8}$  oz. 15c.

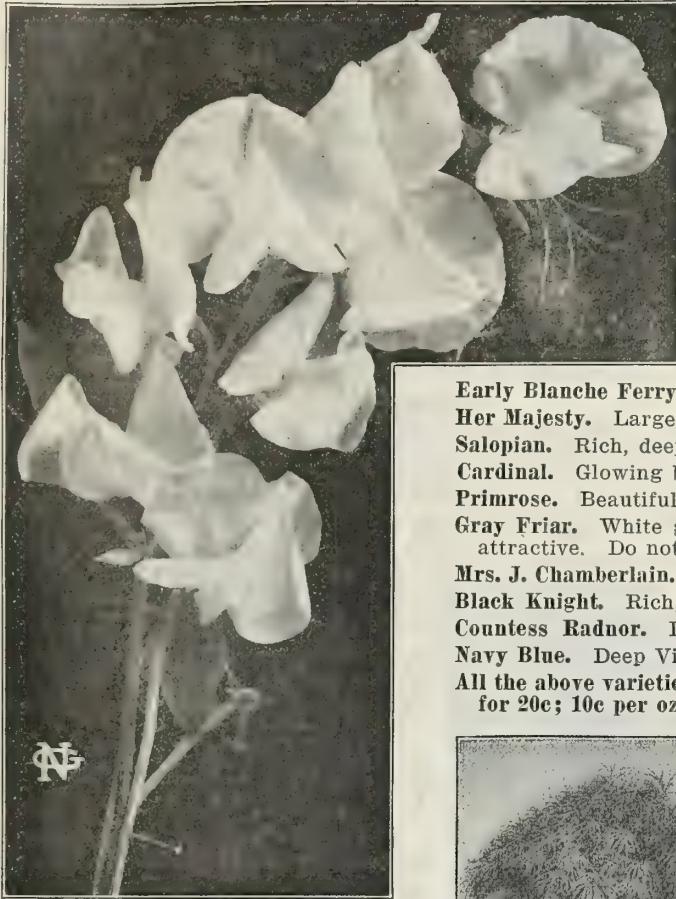


Salpiglossis.



German Stocks.





Sweet Peas, Dorothy Eckford.

**SUMMER CYPRESS. A.**

**Kochia.** Highly ornamental annual which forms regular pyramids from 2 to 3 feet in height, having a cypress-like appearance. The leaves are slender and of a light pea green until September, when they change to carmine blood red. The plant will grow in any soil and comes quickly from seed. Pkt. 5c; ¼ oz. 15c.

**SWEET SULTAN. A.**

Elegant garden flower of easy culture and fine for cut flower purposes. The beautiful sweet scented, artistically shaped flowers are borne on long, strong stems. Plant grows 4 feet high. Giant flowered mixed. Packet 5c; ½ oz. 15c.

**SWEET WILLIAM. P.**

Well known, attractive, free flowering hardy perennials, producing a splendid effect in beds and borders with their rich and varied flowers. In bloom from June to September. 1½ feet high.

**Double Mixed.** Flowers are borne on large trusses. All colors mixed. Pkt. 5c; ¼ oz. 20c.

**Single Mixed.** A mixture of single varieties. Pkt. 5c; ¼ oz. 15c.

**New Annual.** This new type commences blooming in early summer from spring-sown seed and continues in bloom several weeks. The plants produce fine heads of bloom of various colors and are fragrant. Mixed colors. Packet 10c.

**STATICE SINUATA. A.**

Flowers blue. In bloom from July to October. Fine for bouquets. Can also be dried for winter bouquets. Pkt. 5c; ½ oz. 15c.

**STOKESIA CYANEA. P.**

**Cornflower Aster.** A rare and hardy perennial, growing 2 feet high, bearing from 20 to 30 lavender-blue flowers. Blooms from July until frost. Pkt. 10c.



Summer Cypress.

**SWEET PEAS. A.**

Every variety in our list is entitled to a place in the front rank of Sweet Peas, each being the best of its class. Everybody likes Sweet Peas, and they are grown with so little care and bloom so profusely, that even the smallest garden should contain a good supply. Try an ounce or more of our Imperial Mixed Sweet Peas, and you will have the nicest assortment of colors you have ever seen. Sweet Peas make such lovely and sweet scented bouquets that one really is surprised not to find this flower in every garden, no matter how limited the space may be.

**Emily Henderson.** Fine large flowers of purest white; strong grower.

**Dorothy Eckford.** Elegant, very large, massive pure white flowers.

**Lady Marie Currie.** Beautiful deep orange pink.

**Apple Blossom.** Lovely, bright rosy-pink flowers. Very large, on long sturdy stems.

**Early Blanche Ferry.** Earliest of all. Flowers bright pink and white.

**Her Majesty.** Large size and perfect form; deep rose colored.

**Salopian.** Rich, deep crimson-red; large and fine, shell-shaped flowers.

**Cardinal.** Glowing bright scarlet. A fine self-colored variety.

**Primrose.** Beautiful primrose yellow. A rare and desirable color.

**Gray Friar.** White ground, clouded and dotted with lilac. Very odd and attractive. Do not fail to include in your order a packet of this variety.

**Mrs. J. Chamberlain.** White, striped and flaked with rose.

**Black Knight.** Rich, glossy, blackish maroon. Darkest of all.

**Countess Radnor.** Delicate lavender. Pretty and large.

**Navy Blue.** Deep Violet blue. Free bloomer. Wings violet and blue.

All the above varieties at the uniform price of 5c per packet; or any 6 pkts. for 20c; 10c per oz.; 20c per ¼ lb.; 60c per lb. postpaid.

**Spencer Hybrids.** Very large flowering strain, with long stems. Decidedly the best of all Sweet Peas. We offer a choice MIXTURE of the Spencer type at the following low prices: Packet 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

**Imperial Mixed.** Fifty different large flowering varieties, including the newest kinds. The best mixture obtainable. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 70c postpaid.

**Good Mixed.** Many varieties and colors. Pkt. 3c; oz. 5c; ¼ lb. 15c; lb. 35c postpaid.

**Double Sweet Peas.** These are getting more popular every year. The flowers are double and semi-double. All colors mixed. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 70c postpaid.

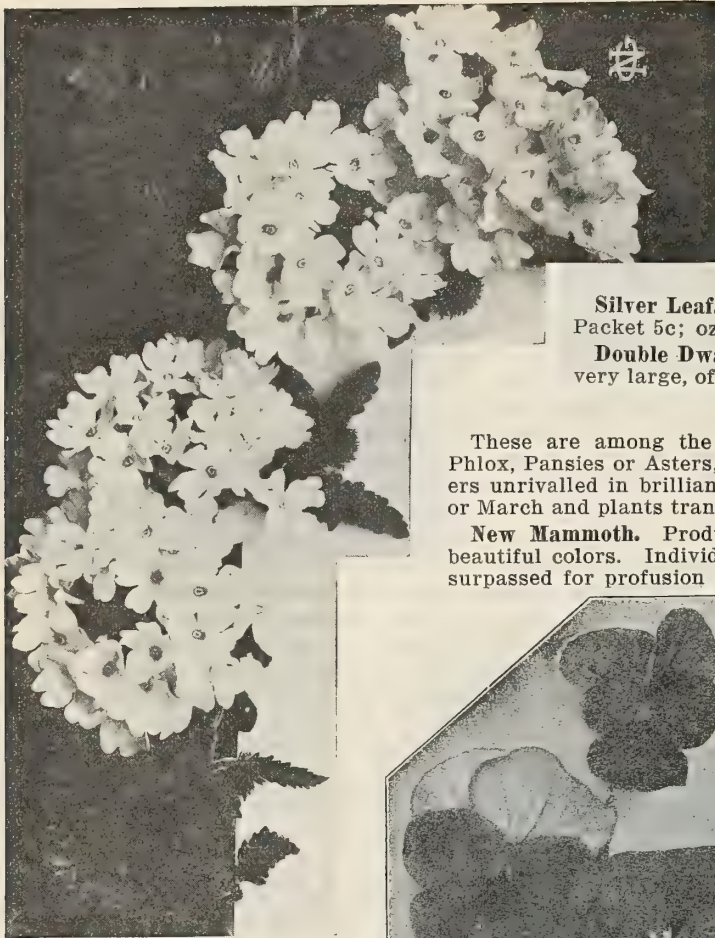
**CUPID SWEET PEAS.**

Compact, dwarf plants, seven inches high. Fine for bedding and as a border, or for pot culture. In full bloom from June till late summer. Pkt. 5c; oz. 10c; ¼ 25c; lb. 75c.



Double Sweet William.





Mammoth Verbena.

**VISCARIA. A.**

Very free blooming annuals, closely allied to the Lychnis; they form compact plants about a foot high, and are covered from early summer till fall with their bright flowers, shaped somewhat like a single Pink, borne on long, slender stems; it is best to sow them where they are to bloom, thinning out to prevent overcrowding. Pkt. 5c; ¼ oz. 15c.



Sunflower.

**SUNFLOWER—HELIANTHUS. A.**

Remarkable for the stately growth, size and brilliancy of their flowers, making a splendid effect among shrubbery and for screens.

**Cut and Come Again.** Miniature Sunflower. The plants form pyramidal bushes 2 to 3 feet high, bearing a continuous succession of flowers from June until frost. Flowers are single; very pretty in shades of yellow. Pkt. 5c; ½ oz. 15c; oz. 25c.

**Star Flowered.** New plants are of dwarf growth and covered with pretty star-shaped flowers. Pkt. 10c; ½ oz. 25c.

**Silver Leaf.** Pretty silver foliage; flowers yellow with black. Packet 5c; oz. 15c.

**Double Dwarf.** Plants grow four feet high. Flowers double, very large, of golden-yellow color. Pkt. 5c; oz. 20c.

**VERBENA. P.**

These are among the best annuals and by many people preferred to Phlox, Pansies or Asters, for bedding purposes. A constant bloomer; flowers unrivalled in brilliancy of colors. Seed should be started in February or March and plants transplanted to open ground in May or June.

**New Mammoth.** Produces unusually large flower trusses of the most beautiful colors. Individual flowers are larger than a silver quarter. Unsurpassed for profusion of Bloom. Fancy mixed. Pkt. 10c; ¼ oz. 35c.

**Mixed Hybrids.** Many sorts and colors. Extra fine mixture. Pkt. 5c; ¼ oz. 25c.

**Lemon Scented.** Pretty fragrant plants. The leaves when dried will retain their fragrance for years. Seed is scarce. Packet 10c.

**Burbank's Mayflower.** It has the characteristics of the finest Verbenas, and possesses the delicate coloring and fragrance of the Arbutus. Flowers of delicate pink and white coloring. Pkt. 10c.

**Moss Verbena.** Produces a mass of spreading moss-like foliage, above which are heads of purple-blue flowers. Blooms from June until frost. Pkt. 5c; ¼ oz. 15c.

**Moss Verbena, White.** Same as above, but flowers are pure white. Packet 5c; ¼ oz. 15c.

**Venosa.** (Hardy Garden Verbena.) Grows about 1 foot high and covered from early summer until late fall with purplish heliotrope flowers. Pkt. 5c; ¼ oz. 15c.

**VINCA. P.**

**Madagascar Periwinkle.** Ornamental free flowering plants of easy culture. They bloom from seed the first season, continuing until frost. Fine for bedding and may be potted in fall for winter blooming. Flowers single, pink and white. A fine cut flower. Height 12 to 15 inches. Pkt. 5c; ¼ oz. 25c.



English Tufted Pansy.

**VIOLA CORNUTA. P.**

**English Tufted Pansies.**

These large flowering English Bedding Pansies will bloom throughout the season. The plants form round, compact bushes, are perfectly hardy, and will do well in shady places. Flowers are produced in the greatest profusion, and are of great diversity of colors. The ordinary Pansies fade and wither very soon in hot weather, while these Tufted Pansies will stand any weather. Mixed colors. Pkt. 15c.

**VIOLET. P.**

**Sweet Violet.** Well known, old fashioned hardy garden violets; prized for their fragrant and pretty flowers. Blue and white flowers. Mixed. Packet 10c.



Vinca.



**WALLFLOWER. P.**

Well known, deliciously fragrant half-hardy perennial with large spikes of beautiful flowers. A fine pot plant.

**Finest Double.** Large spikes of brilliant colored flowers. Very fragrant. Mixed. Packet 10c.

**Single Mixed.** Nice colors. Packet 5c.

**Early Parisian or Annual Wallflower.** Beautiful flowers of light brown color. Height 1½ feet. Packet 5c.

**ZINNIA. A.**

This is one of the most charming garden flowers, deserving a prominent place in every garden. The plant forms handsome bushes which produce hundreds of nice double flowers all summer and fall. Succeeds everywhere.

**Double Pompon.** A very fine strain, containing many rich colors and shades. Plants grow about 2 feet high. Pkt. 5c; ½ oz. 15c.

**Tall Double.** Tall growing varieties in splendid mixture. Packet 5c; ½ oz. 15c.

**New Giant Flowered.** Plants grow 3 feet high and are very profuse bloomers. Flowers are extremely double and very brilliant in color, while in size they surpass all other Zinnias, measuring 4 to 5 inches in diameter. Finest Mixed. Packet 10c; ¼ oz. 25c.

**Curled and Crested.** The flowers are large and double; the petals being twisted and curved. The range of color is most varied. Very pretty. Mixed. Packet 5c; ¼ oz. 15c.

**Double Liliput or Fairy.** Plants grow about 15 inches high, and are fairly loaded with tiny, short stemmed, very double flowers. An exceedingly pretty plant and profuse bloomer. Mixed colors. Packet 5c; ¼ oz. 15c.

**Mexican Hybrids.** These new Hybrids produce flowers of the size of a Daisy. They are single, semi-double and double, the colors are unique and pleasing. Very free flowering. Pkt. 10c; ¼ oz. 25c.

**Double Dahlia Flowered.** A new class with large, beautiful dahlia-like flowers in all shades. Extremely pretty and in bloom throughout the season. Packet 10c; ¼ oz. 25c.

**EVERLASTINGS OR IMMORTELLS.**

This class of annuals are of easy culture, producing their straw-like flowers abundantly all summer and fall. Suitable for bouquets and decorations.

**Acroclineum.** Plant grows 15 inches high, bearing lovely white or rose-pink flowers. In bloom from July to October. Pretty in beds or pots. Mixed. Packet 5c; ¼ oz. 10c.

**Ammobium or Winged Everlasting.** New Giant Flowered. Large, handsome double white flowers with yellow disk. Plants 2½ feet high. Grows in sandy soil and blooms all summer. Packet 5c; ¼ ounce 10c.

**Athanasia.** Grows 10 to 12 inches high, very desirable for borders. Golden yellow. Blooms from June until September. Packet 5c; ¼ oz. 10c.



Helichrysum.



Wallflower.

**Gomphrena or Globe Amaranth.** Showy plants with brilliant colored, globe-shaped flowers. A first class bedding plant and fine for cut flower work. 1½ feet high. Mixed. Pkt. 5c; ¼ oz. 10c.

**Helichrysum. Mammoth Flowered.** Pretty and effective flowers. For beds and borders. One of the showiest. Blooming season July to October. 2 feet high. Mixed colors. Pkt. 5c; ¼ oz. 15c.

**Rhodanthe.** Grows in any soil. Beautiful for the garden, or grown in pots in the house. Flowers are white, rosy or crimson and show a darker disk. Grows 1 foot high. Mixed. Pkt. 5c; ¼ oz. 15c.

**Xeranthemum.** Profuse blooming hardy annuals. Flowers very double and long stemmed. White and deep purple. Plants grow 12 to 15 inches high. Bloom from July until September. Mixed. Pkt. 5c; ¼ oz. 15c.

**Special Mixed.** All the above sorts and many other varieties mixed. Packet 10c; ¼ oz. 15c.



Double Zinnia.

**ZEA JAPONICA. A.**

This is a four colored Japanese maize—green, white, pink and rose. It is exceedingly effective and graceful as a foliage plant, either for centers or backgrounds. Packet 5c.

**FLOWERS FOR BOUQUETS.**

We offer a mixture of annuals which produce flowers suitable for bouquets and for decorating, nearly all of them having long stems. A packet or two planted in your garden will furnish a constant supply of cut flowers. Packet 10c.

**OUR WILD FLOWER GARDEN.**

This mixture contains several hundred varieties of beautiful flowers, suitable to be planted together. They will form a mass of bright colored flowers and pretty foliage, which is sure to interest and please everybody. For borders, along fences and bare spots in the garden nothing more effective could be desired. Without any special care and with trifling expense a beautiful bed of flowers can be had by sowing this mixture. Large packet 10c; ½ ounce 20c; ounce 35c.

Alva, Oklahoma, Feb. 28, '10. I received the seeds from you in good condition. The German Carnation and Comet Asters are all growing nicely. We also have nice tomato and cabbage plants already.

CARL SCHICK.



Gomphrena.



## ORNAMENTAL GRASSES.



*Pennisetum Rueppelianum.*

The Ornamental Grasses are indispensable for the mixed flower bed and for the border, making these more attractive during the summer, while in the dried state the Ornamental Grasses are valuable for winter bouquets. For large beds or groups on lawns nothing gives a finer effect, and they are now largely used in many of the finest public parks, etc. The following are the most popular varieties.

**Coix Lachrymae. A.** (Job's Tears.) Broad, corn-like leaves and hard, shining pearly seeds. Plants grow 3 feet high. Pkt. 5c; oz. 15c.

**Eulalia Zebrina. P.** (Zebra Grass.) Leaves light green, crossed with creamy white stripes. Few variegated plants equal this in beauty. Plants grow 3½ to 4 feet high. Packet 5c.

**Gynerium Argenteum. P.** (Pampas Grass.) Bears large, white, silvery plumes. Grows 10 feet high. Packet 5c.

**Lagurus Ovatus. A.** (Hare's Tail Grass.) Produces small white heads. Excellent for bouquets. Packet 5c.

**Pennisetum Rueppelianum. P.** (Purple Fountain Grass.) Beautiful, large spikes of purple color. The foliage is long and slender, and glossy deep green in color. Plants grow 3 feet high. Packet 10c.

**Stipa Pennata. P.** (Feather Grass.) Beautiful, delicate white, feathery heads. 2 feet high. Pkt. 5c.

**Mixed Varieties.** Many different kinds. Packet 10c.

## SELECTED CLIMBING PLANTS.

**Adumia. P.** Allegheny Vine or Mountain Fringe. A graceful, hardy climber. The feathery foliage closely resembles that of the Maiden-hair Fern. The flowers are tube-shaped, flesh-colored, somewhat like the Bleeding Heart, and completely cover the plant. For covering trellises, stumps of trees, etc., it is very desirable. Flowers the first year from seed. Pkt. 10c.

**Ampelopsis. P.** The well known Boston Ivy. Will climb any wall without support. In fall the leaves turn a rich orange and red. Packet 5c; ½ ounce 15c.

**Balloon Vine. A.** A rapid growing climber, succeeding best on light soil. Flowers white; seed pods look like small balloons. Pkt. 5c; oz. 15c.

**Balsam Apple and Pear. A.** Very curious, rapid and dense growing climbers, with ornamental foliage and pretty fruit, which opens when ripe, showing seed and blood red inside. Splendid vine for trellises, rock work, stumps, etc. Grows 10 feet high. Apple and Pear mixed. Pkt. 5c; ½ oz. 15c.

**Bignonia. P.** Trumpet Vine. Grows very tall, bearing clusters of lovely trumpet-shaped flowers of orange. Packet 10c.

**Canary Bird Vine. A.** A rapid growing, graceful vine, with clean handsome foliage and an abundance of bright canary-yellow blossoms. It is also a good rambler and fine for stumps, rockeries, etc. It makes an excellent window vine for winter. Grows well in shady places; 15 feet high. Pkt. 5c; ½ ounce 15c; ounce 25c.

**Coboea Scandens. A.** Cups and Saucers Vine or Cathedral Bells. One of the handsomest and most rapid growing annual climbers, running up to 30 feet in a season. The flowers are bell-shaped and of a purplish lilac when full grown. It is a very prolific bloomer, one that makes a show the first year, both in vines and flowers, one that is always clean of insects. In planting place seeds edgewise and cover lightly. Pkt. 5c; ¼ oz. 20c.

**Dolichos. A.** Hyacinth Bean. Very pretty, bean-like flowers in erect racemes, followed by ornamental seed pods. For covering arbors, trellises, etc. Grows 10 feet high. Mixed. Pkt. 5c; oz. 15c.

**Japanese Kudzu Vine. P. JACK-AND-THE-BEAN-STALK VINE.** (Pueraria.) The most remarkable rapid growing hardy perennial extant. In rich soil the plant will grow 70 feet in one season. Leaves in shape like Lima Beans, dark green, soft and wooly. For porches, arbors, old trees, etc., we know of nothing its equal. The accompanying illustration gives some idea of the beautiful effect obtained by planting this climber. Pkt. 10c.

### CYPRESS VINE. A.

For trellises the Cypress Vine cannot be excelled. It has a profusion of pretty star-shaped blossoms and its fine leaved, feathery foliage is well adapted to ornamental work. Will grow 12 to 15 feet high.

**Ivy Leaved.** Foliage very ornamental. Flowers fiery red. Pkt. 5c; ½ oz. 20c.

**Scarlet.** Flowers bright, glowing scarlet. Pkt. 5c; ½ oz. 15c; oz. 25c.

**White.** Pretty blossoms of clear white color. Pkt. 5c; ½ oz. 15c; oz. 25c.

**Mixed.** Nice mixture of all kinds, including white. Pkt. 5c; ½ oz. 15c; oz. 25c.



Cypress Vine.



Japanese Kudzu Vine.



**SELECTED CLIMBING PLANTS.**—Continued.



Humulus.

**Humulus. Japanese Hop. A. VARIEGATED LEAVED.** Rapid, dense growing climber, 12 to 20 feet high. The leaves are beautifully marbled and splashed with silvery white, light and dark green; very effective for screens, arbors, trellises, etc. Packet 5c; ½ ounce 15c.

**Lathyrus. P. (Everlasting Pea or Hardy Sweet Pea.)** Hardy perennial climber with white, pink and crimson pea-shaped flower clusters. Grows 6 feet high, flowering from July to September. Fine for cut flowers. A splendid vine for covering fences, old stumps and trellises. Is deserving of more general planting. Pkt. 5c; ½ oz. 15c.

**Mexican Mina Vine. A.** One of the most beautiful annual Climbers, a very profuse and early bloomer. The leaves resemble oak leaves, and the flowers are borne in large clusters, they are of blood red color with yellow throat. Sow early in spring. Grows 20 to 25 ft. high. Pkt. 5c; ½ oz. 20c.

**Moon Flower, Mammoth White. A.** Will grow thirty to forty feet in a single season and be covered with its hundreds of large, white flowers every evening and cloudy day. The hard outer coat of the seed should be cut through with a sharp knife, and the seed planted about 1 in. deep in moist soil in a box or pan and set in a warm place. After the plants are up, plant outdoors in a sunny situation when danger from frost is past. Pkt. 10c.

**Moonflower. Pink Hybrid. A.** This Moonflower is of marvelous growth. Seeds germinate very quickly and plants begin to bloom about as soon as Morning Glories. The blooms are produced by the thousands all summer and fall. In color they are of a most exquisite soft lilac-pink. Will succeed wherever a Morning Glory will. Foliage is dense, luxuriant and of large size. Packet 10c.

**Moonflower, Lilac Blue. A.** In growth this plant is similar to the Mammoth White, but the large flowers are of a lovely lilac-blue color and are produced in wonderful profusion. Pkt. 10c.

**Nasturtium. A. TALL OR CLIMBING.** See page 112.

**Passion Flower. P.** Tender perennial climber for the summer garden, for window boxes and pot culture. Flowers exceedingly beautiful, white and blue; very large and wax-like. Will grow to a height of 15 to 20 feet. Packet 10c.

**Scarlet Runner Bean. A.** Well known and popular runner vine. Flowers dazzling scarlet and very showy. Blooms a long time. The pods are long and very broad, and of excellent flavor. Large packet 10c; ½ pint 20c.

**Smilax. P.** Makes a fine pot plant for winter. Lovely glossy green foliage which is greatly prized for bouquets and decorating. Pkt. 5c; ½ oz. 20c.

**Sweet Peas. A.** See page 117.

**Wild Cucumber. A.** Will grow 30 feet in one season. Bears pretty, white fragrant flowers, followed by an abundance of ornamental and prickly seed pods. Packet 5c; ounce 15c.

**MORNING GLORIES. IPOMOEA. A.**

Well known climbers of rapid growth, with beautiful, showy flowers in endless variety of colors. For covering walls, trellises, arbors or stumps of trees they are invaluable. They will succeed under almost any circumstances.

**Giant Flowered Mikado.** A new giant type with enormous flowers, handsome colors, shapes and markings. Their colors run from snow white through all possible shades of blue and of red from palest pink to darkest reds and purples. They are streaked, mottled, striped, marbled and bordered in wonderful fashion. The leaves are also very handsome. Finest mixture. Pkt. 10c; ½ oz. 20c; oz. 30c.

**Imperial Japanese.** This is a large flowering Japanese strain, with beautiful blossoms in the most varied colors and shades. The leaves are also handsome and of different shapes. Many varieties in splendid mixture. Pkt. 5c; oz. 20c.

**Double Flowered.** Very free flowering; the blossoms being double and semi-double. Finest mixture. Pkt. 10c; ½ oz. 15c; oz. 25c.

**Mixed.** The old-fashioned Morning Glories in mixture of colors. Pkt. 3c; oz. 10c.

**ORNAMENTAL GOURDS. A.**

Desirable, pretty climbers for many places where a large amount of vines are wanted quickly. The blossoms of some are quite striking and handsome.

**Dipper.** Fruit makes excellent dippers. Pkt. 5c; ounce 20c.

**Hercules Club.** Fruits are green, 3 to 4 feet long. Packet 5c; ounce 15c.

**Luffa or Dish Cloth.** Many ladies prefer a dish cloth made of this gourd to anything else. Packet 10c.

**Nest Egg.** Resembling in color, shape and size the eggs of hens. They make the best nest eggs. Pkt. 5c; oz. 20c.

**Orange Shaped.** Known as mock orange. Pkt. 5c; oz. 15c.

**Sugar Trough.** The fruits have thick shells, very light but durable. Pkt. 5c; oz. 20c.

**Ornamental Mixed.** Pkt. 5c; ½ oz. 15c; oz. 25c.



Japanese Morning Glory.



Dolichos.



Ornamental Gourds.





## FARM SEED DEPARTMENT.

Our farm seeds are grown from carefully selected stock for seed purposes, and every effort is made to keep them pure and free from weed seeds. All varieties which we offer have been well tried and found to be of superior merit. At prices quoted we furnish Burlap sacks free of charge, but would advise to have all heavier seeds shipped in new Grain Bags, for which we make an extra charge of 23c each. Please notice that seeds can not be packed together with trees and plants, as the latter are packed in damp moss, whereas seeds must be kept dry. If your shipping point is a "prepay station" be sure to send a sufficient amount extra to cover freight charges. In all cases where this is not done, we ship to nearest point which is not a prepay station. We do not ship C. O. D. unless one-third the amount of order is sent us with order. Our prices per pound and three pounds are postpaid. Larger quantities are shipped at buyers expense. AS THIS CATALOGUE GOES TO PRESS EARLY IN THE SEASON, OUR PRICES ARE SUBJECT TO CHANGE.

### OATS.

**Read's Green Mountain.** The largest grained and best all around White Oats in existence. Heads reach the length of 18 inches and grain weighs 35 to 42 lbs. to the bushel. Out of 40 leading varieties tested for five successive years Green Mountain Oats proved the nearest rust-proof and gave the largest average yield each year, outyielding such varieties as Big Four, Lincoln, White Swedish, National, Bonanza, Quaker, Roosevelt, etc. It ripens early, is extremely hardy, rust-proof and free from smut and disease. Resists drought and adapts itself readily to all soils and climates. The grains are the largest and purest white of any. Yields more than double of ordinary kinds under same conditions. Do not fail to try this grand new variety, it is so much superior to anything you have ever raised. Price, 3 lbs. 50c postpaid. By freight, not prepaid, bu. \$1.25; 5 bu. \$6.00; 10 bu. \$11.50, sacks included.



Green Mountain Oats.

**New Kherson.** These oats were first introduced here by the University of Nebraska from the province of Kherson in Russia. This variety ripens two to three weeks earlier than other oats. The plant is of vigorous but rather dwarf growth and stiff in straw, hence will withstand strong winds and not lodge. The leaves are broad and the heads large and full, frequently containing more than 100 seeds. The kernels are of a light yellow color and contain an extra large berry. For Nebraska and other states where dry and hot weather prevails, these oats can be depended upon to always give the best results. Our seed was grown from the original stock. Price, 3 lbs. 45c postpaid. By freight, not prepaid, bu. \$1.15; 5 bu. \$5.50; 10 bu. \$10.50, sacks included.

**Regenerated White Swedish Select.** These oats yield heavily, are free from rust, and withstand drought extremely well. The heads are large and branching, fairly loaded with big, plump, thin-hulled kernels of bright, pure white color. The straw is very stiff and noted for its power to withstand lodging. These oats are considered by many to be the best of all American oats. Our stock of the Regenerated White Swedish Oats is northern grown and suited to our climatic conditions. It is to be preferred to the imported English stock offered by many seedsmen at much higher prices than we ask. Price, 3 lbs. 60c postpaid. By freight, not prepaid, bu. \$1.40; 5 bu. \$6.75; 10 bu. \$13.00, sacks included.

Mexhoma, Okla., 11-21-'10. Your seeds pleased me, they certainly are the right seeds for this country. I bought from three seed houses, but yours were the only dependable seeds. D. D. SHARP.



**BARLEY.**

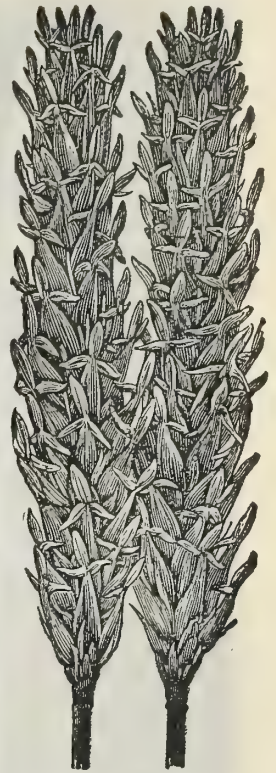
**Read's Vermont Beardless.** A strictly beardless six rowed variety with heads one-third larger than on any other kind. Kernels large, plump and heavy. Straw tall, strong, heavy leaved, very soft and much superior in feeding value. Has unusual strong and deep root formation, making it a great drought resister. Extremely hardy, never rusts or smuts. Has yielded from 40 to 200 bu. per acre, according to soil fertility. Anyone wanting the very best Beardless Barley should order some of this seed. Price, lb. 40c; 3 lbs. \$1.00 postpaid. By freight, not prepaid, ½ pk. 60c; pk. \$1.00; ½ bu. \$1.75; bu. \$3.00.

**Oderbrucker.** A stiff-strawed, heavy yielder, six-rowed, bearded variety. It has a protein content of 15%, or nearly double the amount found in other varieties. This makes it a valuable feeding barley. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk 50c; bu. \$1.60; 5 bu. \$7.75, sacks included.

**Mandscheuri.** This is an early six-rowed variety, with strong straw, bearing long, well filled heads of plump grain. It is a good variety to grow, either for feed or for the market; its malting quantities are unsurpassed. Price, 3 lbs. 50c postpaid. By freight, not prepaid, pk. 45c; bu. \$1.45; 5 bu. \$7.00, sacks included.

**Champion Beardless.** A fine beardless Barley that has been planted largely for many years. In type not so true as the Vermont Beardless. It is earlier than any bearded barley, will yield more, and will not discolor as easily as other barley. In regard to soil it is not particular. A first-class barley for malting. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 50c; bu. \$1.60; 5 bu. \$7.50, sacks included.

**White Hulless.** No beards or hulls. The grain looks like wheat. Equal to wheat in feeding value, and will yield nearly twice as much. It succeeds in all barley growing regions, and also in sections where common barley is not grown at all. It is early, thus making a splendid nurse crop seeding with clover; is entirely beardless, with soft straw, splendid for feed. Many farmers cut it for hay crop. Sow in spring 1½ bushels per acre. Specially fine for poultry and for grinding for hogs. Price, 3 lbs. 65c postpaid. By freight, not prepaid, pk. 60c; bu. \$2.00; 5 bu. \$9.60, sacks included.



Oderbrucker Barley.

**MACARONI WHEAT.**

A wheat that will grow where others fail. It is a very heavy yielding variety, and does especially well in the semi-arid plains. It seems to be always a sure crop, and will mature in a shorter season than any other wheat. The grains are very hard and rather large. Sow seed early in the spring, about 1½ to 2 bushels per acre. In the Southern part of Kansas and Oklahoma, and from there on south, it may be sown in fall, as winter grain. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 50c; bushel \$1.75; 5 bu. \$8.50; 10 bu. \$16.50, sacks included.

**WINTER WHEAT.**

We can supply the Turkish Red, Bearded Five and Harvest King, best seed, write for prices in August.

**SPELTZ OR EMMER.**

The grain is considered as good as oats for stock and better than barley for hogs. It makes excellent pasture and good hay if cut at proper season. Produces from 50 to 100 bu. of seed per acre, and yields well in dry years when other small grains are a failure. It is claimed it will make a crop where the annual rainfall is only 10 inches. Can be sown very early as plants are not injured by frost or snow. Drill, 2 bu. or if broadcast, 3 bu. per acre. Price, 3 lbs. 50c postpaid. By freight, not prepaid, bu. (40 lbs.) \$1.25; 5 bu. \$6.00; 10 bu. \$11.00, sacks included.

**FLAX SEED.**

Flax is one of the most profitable crops, especially on new land. It makes a quick crop, being sown in April and harvested in June. The seed is always marketable at a good price. We offer good clean seed. Sow ½ bu. per acre. Price 3 lbs. 60c postpaid. Crop very short, write for prices.

**MAMMOTH WHITE WINTER RYE.**

Winter Rye is a sure crop—failures being almost unknown. Every farmer should have at least a few acres of it. It is usually sown in the fall, and as it grows very vigorous, will furnish pasture till late in the fall, and also early in the spring it makes an abundant pasture, but then makes no crop. 3 lbs. 60c postpaid. By freight, not prepaid, peck 50c; bu. \$1.50; 2 bu. \$2.85, bags included.

**SPRING RYE.**

Invaluable as a catch crop. Can be sown later than other spring rye, but usually yields well. The seed we offer is home grown. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 50c; bu. \$1.60; 2 bu. \$3.00, bags included.

**RUSSIAN SUNFLOWER.**

Largest sunflower. This is one of the best paying crops that can be raised. Seeds are the best of food for poultry, and is much cheaper to raise than corn. Stalks make good firewood. 3 to 4 lbs. per acre. Price, lb. 25c; 3 lbs. 70c postpaid. By freight, not prepaid, 10 lbs. \$1.00; 25 lbs. \$2.25.

**BUCKWHEAT.**

Japanese. An early and very prolific variety, with kernels about double the size of ordinary sorts. The best for the western states, as it withstands drought well. Sow 3 pecks per acre. Price, 3 lbs. 50c postpaid. By freight, not prepaid, peck 50c; bu. \$1.75; 2 bu. \$3.35, sacks included.

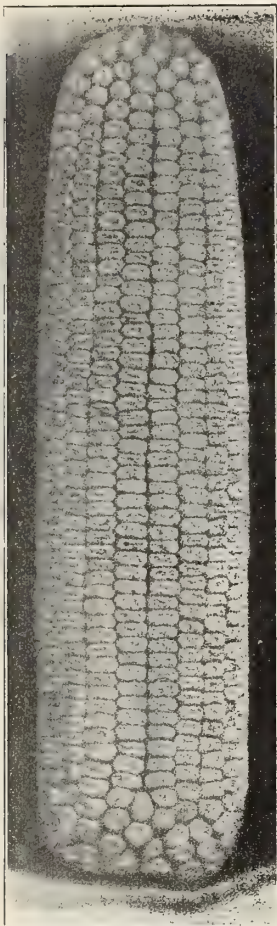
Silver Hull. Well known standard variety. Sow one bu. per acre. Price, 3 lbs. 50c postpaid. By freight, not prepaid, peck 50c; bu. \$1.70; 2 bu. \$3.25, sacks included.



Japanese Buckwheat.



## SELECTED SEED CORN.



Reid's Yellow Dent.

The greatest care is used in selecting and harvesting our seed corn. Every ear is examined and if found true to type of that variety, it is then tipped and butted; afterwards shelled and run over our large corn grader and cleaning mill and not only fanned but also graded. Seed corn prepared in this manner is well worth the price we ask for it.

**Reid's Yellow Dent.** This corn is light golden in color. The ears are 9 to 11 inches long, 18 to 20 rows of kernels. The ears are cylindrical from butt to tip. The cob is completely covered with solid corn, shelling 88 per cent grain, and often better. The kernels are moderately rough, rather narrow, medium in thickness, wedge shape, setting very closely together, with no lost space between the rows. The plant is a vigorous grower, heavy below the ear, and does not blow down easily. It has an abundance of foliage. This makes an excellent fodder and ensilage plant. Ripens in 110 days. Splendid sort for Nebraska and Kansas and the western states in general, but not recommended for the North. Our stock of Reid's Yellow Dent is equal to any offered anywhere. It was grown from selected ears, some of which won the "Silver Trophy" at the Omaha Corn Show the past year. It yielded 62 bushels per acre on our own farm the past season. Price, 3 lbs. 60c postpaid. By freight, not prepaid, peck 65c; bu. \$2.25; 5 bu. \$10.75, sacks included.

Reid's Yellow Dent Corn in the ear, per 1 bushel crate, \$2.75.

**Iowa Gold Mine.** Very popular early yellow dent corn, ripening a few days later than Pride of the North. Ears are not large but of good size and symmetrical; color a bright golden yellow; grain is very deep, cob small. Seventy lbs. of ear corn makes 62 to 63 lbs. of shelled corn. It yields heavily and will mature in 95 days. Price, 3 lbs. 60c postpaid. By freight, not prepaid, peck 60c; bu. \$2.00; 5 bu. \$9.50, sacks included.

Iowa Gold Mine Corn in the ear, per 1 bushel crate, \$2.50.

**Nebraska Yellow Dent.** The best and heaviest yielding yellow corn for Nebraska and the western states. Ears are large, uniform in size, and well filled; kernels of good size and golden yellow color. Cobs are small. Stalks are medium size, strong and well rooted, producing two good, well-shaped ears each. It is a strong grower, and will produce a larger yield on poor land than any other variety. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 65c; bu. \$2.25; 5 bu. \$10.75, sacks included.

Nebraska Yellow Dent Corn in the ear, 1 bu. crate, \$2.75.

**Diamond Joe's Big White.** A large eared White Dent Corn maturing in 100 days. Has outyielded the Silver Mine here in Nebraska, bringing 98 bu. per acre in Lyon county. Is well adapted to old or thin ground and on good soil will always yield abundantly. It is a strong, vigorous grower from the start, absolutely free from barren stalks, and resists drought to a remarkable degree. Kernels deep, large, pure white; cob very small. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 65c; bu. \$2.25; 5 bu. \$10.75.

Diamond Joe's Big White Corn in the ear, per 1 bushel crate, \$2.75.

**Iowa Silver Mine.** An early variety of White Dent Corn, which is remarkable for its large yields. It is the largest eared White Dent Corn, ripening in 90 to 95 days. Stalk grows to a height of 7 or 8 feet, and sets the ears about 3½ to 4 feet from the ground. The ears are very uniform in size and shape, with 16 to 20 rows of pure white kernels set on a small white cob, and are well filled out over the tip. The cob dries out rapidly. Seventy pounds of corn in the ear will make 62 pounds shelled. It is hardy, a great drought resister, and a corn which will give satisfaction wherever planted. Price, 3 lbs. 60c postpaid. By freight, not prepaid, peck 60c; bu. \$2.00; 5 bu. \$9.50, sacks included.

Iowa Silver Mine Corn in the ear, per 1 bushel crate, \$2.50.

**Brazilian or Stooling Flour Corn.** This corn stools like wheat, each kernel producing from 5 to 8 stalks, each stalk bearing 2 or 3 ears, 5 to 7 inches in circumference, 9 to 12 inches in length, color beautiful white. It is the best variety for ensilage. It yields four times more fodder to the acre than common corn, and more bushels in shelled corn. Makes a fine flour and is also largely used for roasting ears. Two quarts will plant one acre. Price, 2 qts. 65c postpaid. By freight, not prepaid, 75c per peck; bu. \$2.50; 5 bu. \$12.00.

Brazilian Flour Corn in the ear, per 1 bushel crate, \$3.00.

**Improved Calico.** This old-fashioned striped Calico corn has always been popular as a feeding corn. Very deep grained and heavy. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 65c; bu. \$2.25; 5 bu. \$10.75.



Iowa Silver Mine.



**SEED CORN.**—Continued.

**Early Murdock.** This fine Yellow Dent Corn on account of its extreme earliness is well adapted to Minnesota and the Dakotas. Ears are well filled to the tips, 16 to 20 rows, very large for so early a corn. Stalks are of medium height, stout and stocky. As early as the well known Pride of the North, with much larger ears and a heavier yielder. The best extra early Yellow Dent Corn for all sections. Price, 3 lbs. 60c postpaid. By freight, not prepaid, peck 65c; bu. \$2.25; 5 bu. \$10.75.

Early Murdock Corn in the ear, per 1 bu. crate, \$2.75.

**Champion White Pearl.** The stalk is short and thick. The ear grows low on the stalk, is from 7 to 10 inches in length, almost averaging 16 rows of grains. The grains are pure white, very deep, compact and heavy. The cob is small. By a test, 70 ears weighed 87½ pounds, of which the cobs alone weighed only 7 pounds. On account of its short, thick stalk it will withstand heavy winds, and this variety is also a great drought resister. It matures in 95 to 100 days. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 60c; bu. \$2.00; 5 bu. \$9.50, sacks included.

White Pearl Corn in the ear, per 1 bushel crate, \$2.50.

**Early Yellow Flint.** An eight-rowed flint variety with ears from 10 to 15 inches long, 1½ to 2½ inches in diameter, and are well filled out to the extreme end of the cob. The cob is small and the kernel large and broad, ripens in 75 to 85 days. This corn is adapted to the Northwest. Excellent for ensilage. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 70c; bu. \$2.40; 2 bu. \$4.50.

**Sanford White Flint.** The most productive White Flint Corn, yielding a large crop of corn and fodder at the same time. The ears are very long, measuring from 12 to 15 inches and are of a very handsome appearance, with large kernels of transparent white color. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 70c; bu. \$2.40; 2 bu. \$4.50.

**Giant Cuzco Corn.** A curious and wonderful corn from Peru, a single kernel of which is four to six times as large as a seed of our field corn varieties. If you wish to show the tallest corn stalk at your fair next year, be sure to plant a package of this great corn. Seed should be started in pots in the house and later transplanted to the garden. Packet 10c; 3 packets for 25c. Sold only in packets.

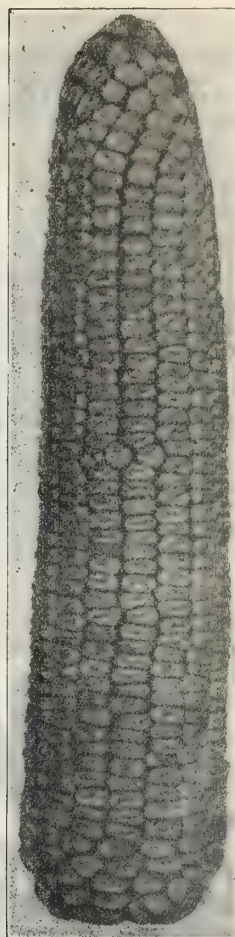
**Sweet Fodder Corn.** This is of greater value for dairy farmers than common fodder corn on account of its high feeding and milk production quality. It has the further merit of being so sweet and palatable that cattle eat every part of the stalk and leaves. As a green fodder for cutting in the summer, one acre is worth eight acres of ordinary pasture. Of high value also for hogs, and an excellent plant to plow under for soiling. Sow in drills or broadcast 2 bushels per acre. Price, by freight, not prepaid, pk. 85c; bu. \$3.00; 2 bu. \$5.75, sacks included.

**BROOM CORN.**

Broom Corn is one of the most paying crops and is adapted to any soil that will grow corn. It will make a crop with very little rain. One acre will yield 1 to 1½ ton of cured brush and up to 40 bushels of seed, which is nearly equal to oats in feeding value. Plant on well prepared soil, in drills 3½ feet apart, and in rows about 3 inches apart; and cultivate the same as corn. About 5 to 8 lbs. of seed will sow an acre. If planted the first of June, the crop will be ready to cut September 15th. Prices subject to change.

**Improved Evergreen.** This variety grows about 8 to 10 feet high, stands up well, and is entirely free from crooked brush. Price, 3 lbs. 75c postpaid. By freight, 10 lbs. 75c; 25 lbs. \$1.50; 100 lbs. \$4.25, sacks included.

**Oklahoma Dwarf.** Most valuable strain grown in Oklahoma and in the southwest. Very early and is a drought resister. Averages five feet in height. Is a great yielder. Price, 3 lbs. 75c postpaid. By freight, not prepaid, 10 lbs. 85c; 25 lbs. \$1.75; 100 lbs. \$4.75, sacks included.



Early Murdock.



Champion White Pearl.

**COW PEAS.**

They are largely grown in the southern states, both as a hay crop and as a fertilizer, in which respect they are of great value. The peas may be sown in corn at time of last cultivation or after a crop of early potatoes. They may be sown broadcast at the rate of 1½ bushels per acre, or they can be planted in rows about 3 feet apart with a corn planter. This will require only ½ bushel per acre. Prices subject to change.

**New Era.** The earliest variety and the best sort for the North and West. Price, 3 lbs. 65c postpaid. By freight, not prepaid, pk. 85c; bu. (60 lbs.) \$3.00; 2 bu. \$5.75, sacks included.

**Whip-Poor-Will.** A favorite in Oklahoma, Texas and the South. Price, 3 lbs. 65c postpaid. By freight, peck 85c; bu. \$2.75; 2 bu. \$5.25, sacks included.

Write for prices on larger quantities.

**YELLOW LUPINS.**

One of the best plants known for reclaiming poor soil, particularly sandy and old worn out land. By plowing a crop of Lupins such land can be made very valuable. It is so highly valued in Germany that it is called the "Gold of the Desert." The plants in the green state, or when dried, make very good fodder for sheep. The seed when burned is excellent as a fertilizer for orange and olive trees. Sow in spring when the ground has become warm at the rate of 75 to 100 lbs. per acre. Price, lb. 25c; 3 lbs. for 65c postpaid. By freight, not prepaid, 10 lbs. \$1.00; 100 lbs. \$8.00, sacks included.

Your seed corn is very fine, testing 98%. I have bought seed many times, but never received better corn than yours. C. GRANDT, Table Grove, Ill.



**SORGHUM OR SUGAR CANE.**

Dairy farmers say that Sugar Cane is the most valuable fodder plant in existence for their use. Can be grown everywhere on any soil that will grow corn. It is of the best quality being sweet, tender, nutritious and greedily eaten by horses, cattle and hogs. Dairymen find that cows will give more and richer milk from its use and it is claimed that as high as ten tons of green fodder have been grown per acre. Sow 100 pounds per acre for best results. It is a profitable crop, also to grow for seed. When grown for seed, sow in drills 3 feet apart, using 4 to 5 pounds of seed per acre. **Prices subject to change.**

**Early Amber.** Popular and well known. Succeeds well from Texas to Minnesota. Postpaid by mail, 3 lbs. for 50c. By freight, not prepaid, 10 lbs. 50c; bu. (50 lbs.) \$1.75; 2 bu. \$3.25, sacks included.

**Early Orange.** Ten to fifteen days later than the Early Amber. Well adapted to the South and West. Prices same as above.

Write for prices on larger quantities.

**WHITE KAFFIR CORN.**

An excellent fodder plant, yielding two crops of fodder during a season. It grows from 4 to 5 feet high, making a straight, upright growth. The stalks keep green and are brittle and juicy, making excellent fodder, either green or dried, which is highly relished by cattle, horses and mules. The seed crop is also heavy. For the grain, sow in rows 3 feet apart, 4 to 5 lbs. of seed to the acre. For fodder sow  $\frac{1}{2}$  to 1 bu. either broadcast or in drills. Price, 3 lbs. 50c postpaid. By freight, pk. 40c; bu. (50 lbs.) \$1.35; 2 bu. \$2.60, sacks included. **Price subject to change.**

**RED KAFFIR CORN.**

Very similar to the White except that the seed is of red color. Ripens a little earlier and is said to withstand drought even better than the white. Price by mail postpaid 3 lbs. 50c. By freight, not prepaid, pk. 40c; bu. (50 lbs.) \$1.40; 2 bu. \$2.70, sacks included. **Price subject to change.**



Kaffir Corn.

tivate the same as field corn. Ounce 10c;  $\frac{1}{4}$  pound 30c; pound \$1.00; 3 lbs. \$2.75 postpaid.

**AUSTRALIAN SALT BUSH.**

A most valuable forage plant for regions subject to drought and for growing on alkali soils. When once established it will make a satisfactory pasture or hay crop in the driest weather and on soil so strongly alkaline that nothing else will grow. The plant is of a low spreading growth, sending out runners 8 to 9 feet long in all directions and covering the ground with a thick dense mat of foliage a foot in depth. The seed requires moisture to start it into growth and should be planted early in the spring on well pulverized soil. Two to three lbs. of seed will plant an acre. Price, oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.25; 3 lbs. \$3.50 by mail postpaid.

**FIELD PUMPKINS.**

**Common Field Pumpkin.** The well known old Connecticut Field Pumpkin. Best variety to plant with corn. Excellent dairy stock food. 2 lbs. of seed will plant an acre. Price, lb. 45c postpaid. By freight, 10 lbs. \$2.75.



Sugar Cane.

**JERUSALEM CORN.**

A non-saccharine sorghum, especially adapted for cultivation in dry sections. It is a sure cropper, yielding an immense crop of flat, white, soft grain, similar to white Kaffir Corn, and very valuable as a feed for stock and poultry of all kinds. The plant grows about 3 feet high, making a single large head of the main stalk and numerous small heads on the side shoots. Four to five lbs. of seed in drills is required to plant an acre, or if sown broadcast  $\frac{3}{4}$  to 1 bu. per acre. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 90c; bu. (50 lbs.) \$3.25.

**YELLOW MILO MAIZE OR BRANCHING SORGHUM.**

Highly valued because of its certainty to produce good crops on poor, dry soil. Grows 9 to 10 feet tall and branches freely. Farmers all over the arid and semi-arid sections of the United States recommend it highly. The seed heads produce a large quantity of grain, which is superior food for fowls. Plant in drills, 3 to 4 feet apart, using 5 to 6 lbs. per acre. Price, 3 lbs. 60c postpaid. By freight, pk. 50c; bu. (50 lbs.) \$1.60; 2 bu. \$3.00, sacks included. **Price subject to change.**

**TEOSINTE.**

Teosinte is a valuable forage plant, resembling field corn very much in its habit of growth, but throwing out side shoots or suckers in much greater profusion. It is very rich in saccharine, and furnishes a more desirable fodder than ordinary field corn. It is greedily eaten by all kinds of stock, either in the green state, or when cured as hay. It can be cut 2 to 5 times in one season. Teosinte should not be planted until the ground is warm. Plant in drills 3 feet apart, dropping 3 to 4 seeds every 12 inches; 3 to 4 lbs. of seed will plant an acre. Cul-



Yellow Milo Maize.



**SERADELLA OR CULTIVATED BIRDSFOOT.**

For light, poor or sandy soils Seradella is one of the best fodder plants. We know its great value and urge our farmers to give this valuable forage plant more attention. It is sown at the rate of 10 to 15 lbs. per acre, and can be sown either by itself, or in Winter Wheat or Rye, in early spring, growing rapidly after the grain has been cut. It is very remarkable for its drought resisting qualities and its close, thick growth, covering the ground completely and choking out all weeds; also very desirable as a catch crop. It is not a perennial, but can be cut twice and give good pasture the balance of the season. Price, lb. 25c; 3 lbs. 70c postpaid. By freight, not prepaid, 15 lbs. \$1.60; 25 lbs. \$2.75; 100 lbs. \$9.25, sacks included.



Seradella.

**SAND VETCH OR WINTER VETCH.**

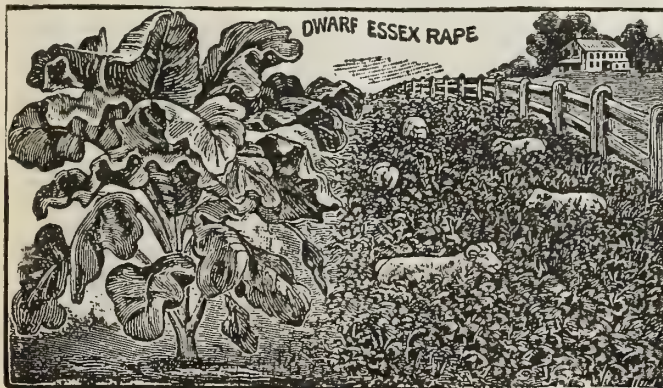
The true Winter Vetch or Hairy Vetch. A forage plant which has proved of highest value. It succeeds and produces good crops on poor sandy soils, and grows to a height of 4 to 5 feet. It is perfectly hardy throughout the United States, remaining green all winter. Every dairyman and stock breeder should have a field of it. It is exceedingly nutritious, is eaten with relish, and may be fed with safety to all kinds of stock. Is the earliest crop for cutting, and a full crop may be taken off the land in time for the spring crops. In the North it is grown as a summer crop; in the South its greatest value is for fall seeding and winter growth. It serves equally well as a cover crop, for pasturage, hay, or as a soil renovater. The farmers of the South and Southwest may have a fine winter pasture by sowing Sand Vetch or Winter Vetches in October or November. In the far North sow in early spring; in moderate climates sow from July until November, broadcast or in drills, at the rate of 1 bushel per acre, with 1/2 to 1 bushel of rye, wheat, oats or barley. Cut when the Vetches are in full bloom. Price, lb. 25c; 3 lbs. 70c postpaid. By freight, not prepaid, pk. \$2.00; bu. (60 lbs.) \$7.00, sacks included.



Sand Vetch.

**DWARF ESSEX RAPE.**

The easiest cultivated and most profitable plant for sheep, hog or cattle feed known. The cost per acre not exceeding 50c, is so small as to be scarcely worth taking into account. It can be sown in early spring along with oats or rye, and eaten off by sheep within a week or so after harvest. It can also be sown on wheat, oat or rye stubble, or on any vacant land up to the end of July, and will yield an immense crop of green fodder in six to eight weeks from time of sowing—nothing like it for sheep feed. The feed furnished by rape is unsurpassed as a fattener for sheep and hogs, being superior to clover, and sheep pastured on it gain rapidly in weight. Rape should be sown in drills at the rate of 3 lbs. per acre, or broadcast, using 5 to 6 pounds per acre. Price for true Dwarf Essex Rape, first quality seed, 3 lbs. 70c postpaid. By freight, not prepaid, 5 lbs. 60c; 10 lbs. 95c; 25 lbs. \$2.00; 100 lbs. \$7.00. Good grain bags 23c each.



**GIANT SPURRY.**

This is a very valuable annual forage crop for sandy soil or worn-out land, where almost no other plant will grow, and is especially recommended as a first crop on the pine lands of Northern Wisconsin and Michigan. It is a splendid catch crop in short seasons, coming into use in eight or ten weeks from sowing, making excellent pasture for sheep and milch cows. As a fertilizer to plow under it has few equals. Dr. Manley, of Lansing, Mich., calls it the clover of sandy soils, yielding 7,700 pounds per acre. Sow 10 to 12 pounds per acre, broadcast, and harrow it lightly. Price, lb. 25c; 3 lbs. 70c postpaid. By freight, 10 lbs. \$1.25; bu. (50 lbs.) \$4.75, sacks included.

**FIELD BEANS.**

These are grown for marketing the dry beans. Plant in rows 3 feet apart, and about three inches apart in the rows, 1/2 bushel per acre. The bean crop of our country amounts to millions of bushels a year, but this enormous quantity is not sufficient to supply the demand. Field beans will prove a very profitable crop to grow, there being a lively demand for them in all markets.

**Large White Marrow.** Excellent as a shelled bean for home use or market, the beans are ivory white and double as large as the Navy Bean. Price, qt. 30c postpaid. By freight, pk. \$1.20; bushel \$4.50.

**Early Marrow Pea Beans.** (Improved Navy.) Well known, heavy yielding field bean. The beans are small, nearly round, pure white. Price, qt. 35c postpaid. By freight, not prepaid, pk. \$1.20; bu. \$4.25.

**White Wonder.** Considered by many to be the finest white Field Bean for all sections. Price, qt. 40c postpaid. By freight, not prepaid, pk. \$1.25; bu. \$4.75.

**WILD RICE.**

A valuable plant in lakes and marshes to attract wild fowl. The seed should be sown during September and October or in the early spring. Sow broadcast in water from 6 in. to 6 ft. deep with a mud bottom. Previous to sowing sink the seed in bags in water over night to soak it thoroughly, so it will sink to the bottom at once. Per lb. 35c postpaid. By freight, not prepaid, 10 lbs. \$2.25.





Field Peas.

### FIELD PEAS.

These are very valuable for fattening stock, but they can also be grown to the best advantage for soiling purposes. They are of the greatest nutritive value for fodder, either when the matured peas are fed as ground feed, or when the vines are cured for hay. Can be sown alone or with oats; if sown alone it takes about 2 bushels per acre, and if sown with oats 1 bushel of peas and 1½ bushels of oats.

**Canada Yellow or Golden Vine.** Ripens early and is a good yielder. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 75c; bu. \$2.40; 2 bu. \$4.60, sacks included.

**Green Canada.** Very hardy, extra early and a good yielder. 3 lbs. 60c postpaid. By freight, pk. 75c; bu. \$2.75; 2 bu. \$5.25, sacks included.

### BEST PLANTS FOR BEE PASTURE.

**Bokhara or Bee Clover.** (*Melilotus Alba.*) Will grow on any soil and is invaluable for bee food. It is greatly relished by bees, and makes superior honey. Also of great value as a fertilizing crop. Sow 10 lbs. per acre. Price, lb. 40c; 3 lbs. \$1.10 postpaid. By freight or express, 10 lbs. \$2.25, not prepaid.

**Phacelia.** (Tansy-leaved.) Best of all bee foods. Is much liked because of the mild honey it furnishes. Plants grow about 3 ft. high and come into bloom very quickly. For this reason can be had in bloom through entire season if sown 4 times during summer. Requires 4 lbs. of seed per acre. Seed is small and should be covered but little. Price, oz. 10c; ¼ lb. 25c; lb. 70c postpaid.

**Siberian Dragon Head.** This is one of the honey plants best liked by bees. The plants bloom from June till August, grow about 18 inches high and are very ornamental besides being useful. Sow the seed thinly where the plants are to remain in April. In bloom from July until September. Price, oz. 10c; ¼ lb. 20c; lb. 60c postpaid.

**Borage.** Excellent bee plant of quick growth and easiest culture. Price, oz. 10c; ¼ lb. 30c; lb. \$1.00 postpaid.

**Cerinth or Wax Plant.** Beautiful and easily grown annual flowers, furnishing excellent bee pasture. Price, oz. 15c; ¼ lb. 50c; lb. \$1.50 postpaid.



Phacelia.

Millet is a paying crop for the stock raiser and dairy farmer, because it is of the greatest feeding value and milk producing quality. It will yield much more good hay per acre than timothy and clover. Of the greatest value for late sowing as a "catch crop." When spring is so unfavorable and wet that other crops fail to grow, Millet can be put in as late as June 15th, and can be depended upon to make a good crop.

PRICES ARE SUBJECT TO MARKET CHANGES.

**German or Golden Millet.** Matures about two weeks later than common millet. It grows from 4 to 5 feet high, yielding an abundance of leaves; heads closely condensed; spikes very numerous; seeds round, golden yellow, in rough sheaths. Sow 1 bushel per acre, or for seed ½ bushel. Price, 3 lbs. 45c postpaid. By freight, not prepaid, bu. (50 lbs.) \$1.40; 5 bu. \$6.50. Grain bags 23c each extra.

**New Siberian.** Is earlier than all other kinds and wonderfully productive. Makes fine hay and is rust proof. Has become very popular in the West, as it withstands drought well and is extremely hardy. Will yield 50 to 75 bushels of seed per acre. Seed is of reddish color. Sow 2 to 3 pecks per acre. Price, 3 lbs. 50c postpaid. By freight, not prepaid, bu. (50 lbs.) \$1.50; 5 bu. \$6.85. Grain bags 23c each extra.

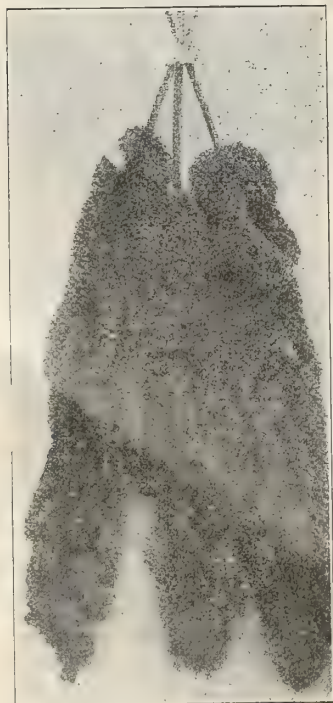
**Japanese Millet.** A distinct, new variety, which has been called the "Billion Dollar Grass." Especially valuable for the northern states. It yields an enormous crop of foliage, which is greatly relished by stock. When cured it makes an excellent hay. Recommended highly for feeding dairy cattle. Can be sown until the end of July. In Kansas and our western states in general this millet has given splendid results. Sow the seed broadcast at the rate of 15 lbs. per acre, or in drills 12 to 18 inches apart, using 12 to 15 pounds per acre. Price, 3 lbs. 55c postpaid. By freight, not prepaid, 15 lbs. \$1.00; per bu. (50 lbs.) \$2.75; 100 lbs. \$5.00. Grain bags 23c each extra.

**Pearl Millet.** Entirely different from ordinary millet. An immense fodder yielder, of tall growth, highly recommended by the U. S. Department of Agriculture for the South. Price, lb. 25c; 3 lbs. 70c postpaid. By freight, not prepaid, 10 lbs (for 1 acre) \$1.00; 25 lbs. \$2.25; 100 lbs. \$8.00. Grain bags 23c each extra.

Millet seed should be shipped in strong grain bags to insure safe transit. We make an extra charge of 23c each for new grain bags.

### PENCILARIA.

A fodder plant of great value to all stock raisers. It is said to produce the largest crops of all known fodder plants. Plant after the ground has become warm. Sow broadcast 10 to 12 lbs. per acre. Price, 3 lbs. 75c postpaid. Not prepaid, 10 lbs. \$1.25; 25 lbs. \$2.50; 100 lbs. \$8.00.



Japanese Millet.



## CHOICE NORTHERN SEED POTATOES.

Our Seed Potatoes are guaranteed strictly northern grown; we get them grown on contract by potato specialists in the extreme northern section of the Red River Valley, Minnesota. It is essential to change your seed potatoes every few years if you wish to secure the largest yield, combined with the best quality. The crop turned out very short last season in the Red River Potato District, owing to very severe and prolonged drought, therefore prices rule higher and supply is limited. Price by the pound includes postage, larger quantities go at buyer's expense. Prices subject to market changes late in season, should our stock be exhausted.

**Red River Bliss Extra Early Triumph.** This is considered the earliest of all potatoes and is the leading early potato in all Southern states. We are all familiar with it as sold at the grocery stores when the first NEW POTATOES are shipped in. It is at least a week to ten days earlier than the Early Rose and the Early Ohio. The tubers are of a very handsome appearance, being almost round and most uniform in shape and size, with slightly depressed eyes, which are mostly on the seed end. The skin is of a pretty light red color, while the flesh is of purest white, both raw and when cooked. Its beautiful appearance, wonderful productiveness, and superior table qualities make this potato a favorite for the early market, wherever introduced. It produces at least from 12 to 15 tubers per hill, all of marketable size. Our Red River grown Triumphs can not be excelled. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk 70c; bu. \$1.80; 5 bu. \$8.75, bags included. Per bbl. \$5.25.



Red River White Ohio.

**Red River Early Six Weeks.** Extremely prolific, outyielding the well known Ohio potato, and will be ready for market several days ahead of the latter. Very uniform in growth; the tubers are of even size, in shape oval, of light red color, similar to the Ohio. The skin is smooth and free from scab. In quality it is excelled by none. The flesh is white, very mealy when cooked and of finest flavor. Although this variety ripens very quickly, it is an excellent keeper. As an early market potato the Six Weeks is of great value. Has given good satisfaction every where, especially in our state. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 50c; bu. \$1.60; 5 bu. \$7.75, bags included. Per bbl. \$4.65.

**Red River Extra Early Ohio.** This is without doubt the most popular early potato in the country. We have more calls for it than for any other early. Every one knows what it is and knows that it can be relied upon for an early market variety in almost every locality. They grow stronger and more vigorous, maturing the crop in shorter time and yielding much more than home seed, so that there is the utmost satisfaction in planting them. Potato growers in the South will have their crop ready for market from ten days to two weeks earlier, if our Red River Ohios are planted. Price, 3 lbs. 60c postp'd. By freight, pk. 60c; bu. \$1.70; 5 bu. \$8.25, bags included. Per bbl. \$4.75.

**Red River White Early Ohio.** No potatoes have been introduced during recent years that deserve so much attention as the White Ohio. As name indicates, they are identical in every way with the Red Early Ohio, the same form and type, but white in color, excepting the eyes, which are pink or red. It is a good yielder and a strong and healthy grower, and will not scab as easily as the old Early Ohio. As an early market potato the White Ohio is of the greatest value, for it is the only early White Potato so far introduced, that has any special merit. It is just as good in quality, will ripen fully as early and seems to yield even better than the Red Ohio. Price, 3 lbs. 60c postpaid. By freight, not prepaid, peck 70c; bu. \$2.00; 5 bu. \$9.50, bags included. Per bbl. \$5.75.

**Red River Rural New Yorker.** Well known the country over, and very largely planted for a profitable crop. "Dusty Rurals" always bring the top price in Chicago market. When rurals first made their appearance in 1889, an entirely distinct class of potatoes were introduced unknown up to that time. The class is characterized by a long, rather spindling vine, with dark-colored stalks, dark green leaves and purple blossoms, tubers nearly round, flattened, with very smooth, pure white skin, uniform in size, numerous in hill, very attractive and the very best cooking potatoes of excellent flavor. Price, 3 lbs. 60c postpaid. By freight, not prepaid, pk. 50c; bu. \$1.60; 5 bu. \$7.50, sacks included. Per bbl. \$4.50.



Red River Extra Early Ohio.

**Hybridized Potato Seed.** Potato seed from the flower boll (the true seed.) It is from such that the choice new varieties of potatoes are originated. The result is interesting, and often very profitable, as you are just as apt to obtain a choice new variety as an experienced potato specialist. Pkt. 10c; 3 for 25c.

**"Acme" Hand Potato Planter.** This planter enables one man, going over the field but once, to plant two or more acres of potatoes in a day. And this almost as easily as he could walk the same distance in the same time. Price, \$1.00 by express or freight, not prepaid.



## CLOVER AND GRASS SEEDS.

Our Prices on Clover and Grass Seeds are based on the market values prevailing at the time this catalogue goes to press. We reserve the right to fill orders according to price based on the market changes when your order reaches us. We guarantee to give full value for money received and will hold to our catalogue prices as long as our supply of seed will last. For new grain bags to ship clover seed in we make an extra charge of 23c for each bag. Sample packets mailed on application.

All seeds put out under name of "Our Best" grade are absolutely the best and finest quality obtainable.

**Alfalfa or Lucerne.** The most valuable forage plant. Is particularly adapted for our western climate and soil. It requires a deep mellow soil; the richer the better. In the driest weather, when every blade of grass withers, Alfalfa is as fresh and green as in the spring, as its roots go down from ten to twenty feet to the moisture of the ground. Although a prodigious yielder it will not exhaust the soil. The seed may be sown early in the spring, as soon as the frost is out of the ground in order to catch the spring rains, as it needs moisture to germinate. In localities where irrigation is used it can be sown successfully at any time during the summer months. We advise sowing the seed broadcast, early in spring, at the rate of from 15 to 25 lbs. to the acre. Sow with a hand seeder, going over the field crossways and using half the quantity of seed each way. May also be sown in the fall. The seed bed should always be well prepared and the ground well pulverized. Every farmer should sow at least a few acres of this valuable clover. The Wisconsin Experiment station reports that Alfalfa does very well in that state. Our seed is of the best quality and free from adulteration. We furnish Nebraska upland grown seed, which should not be confounded with seed grown under irrigation as latter is practically worthless unless it be grown under irrigation again. The dry regions of our state produce by far the best seed in the United States.

Price, "Our Best" GRADE ALFALFA, per pound 40c; 3 lbs. \$1.15 postpaid. By freight, not prepaid, peck \$3.85; bu. (60 lbs.) \$14.00.

CHOICE GRADE, per peck \$3.50; bu. \$13.00.

**Turkestan Alfalfa.** This has recently been introduced by our Agricultural Department. It was found growing on the high tables of Asia, and is especially adapted to the sudden changes of temperature that prevail there—intense heat at midday and very often frost at night, even in mid-summer. Turkestan Alfalfa resembles the ordinary cultivated Alfalfa described above, excepting that the leaves are shorter and sparsely clothed with short hairs. Its cultivation has been quite successful in the arid regions of the west, and under conditions where Alfalfa fails the Turkestan Alfalfa will prove to be of greatest value.



Alfalfa.

Will grow on alkali soils. As there is much seed of the common alfalfa sold for Turkestan, we wish to state that we have the true Turkestan Alfalfa.

"Our Best" grade of seed, per lb. 40c; 3 lbs. \$1.15. By freight, not prepaid, peck \$4.00; bu. \$14.50.

**Sand Lucerne.** (*Medicago Media*.) A variety of Lucerne especially adapted for very dry, sandy land, where it will yield heavy crops. It is very long lived, and will grow in all climates. Will furnish from one to three good cuttings a season, according to fertility of the soil.

Price, lb. 45c; 3 lbs. \$1.25 postpaid. By freight, not prepaid, pk. \$4.00; bu. \$15.

**Esparcette Clover.** (*Sanfoin* or *Sand Clover*.) An excellent, but comparatively little known variety, of special value for growing on light, dry, sandy or limestone soils. It is very deep rooted, and therefore withstands drought. It is a good fodder plant on account of its high feeding value. Can be cut twice a year and is exceedingly long lived. It is usually sown with oats or barley, at the rate of 1 bushel to the acre. If sown alone about 2 bushels of seed should be used per acre. Cover the seeds quite deeply.

Price, lb. 30c; 3 lbs. 85c postpaid. By freight, not prepaid, 25 lbs. \$3.25; bu. (45 pounds) \$5.25.

**Japan Clover.** Well known in the South. Grows most anywhere and lasts a long time; on sands, gravels, or denuded clay hill-tops, no other plant is so valuable for grazing. On medium good land up to three tons of hay per acre is no unusual yield. It is eaten greedily by cattle, sheep, horses and mules. Will thrive in any soil and withstand the driest weather. It is also valuable for turning under as green manure, to improve the soil. Sow in spring, 15 to 20 lbs. per acre, by itself, or in fall with rye or winter oats.

Price, pound 45c; 3 lbs. \$1.25 postpaid. By freight, bushel (25 lbs.) \$7.50.

**Bokhara or Bee Clover.** (*Melilotus Alba*.) Will grow on any soil and is invaluable for bee food. Whoever keeps bees should put in some of this clover, for it is greatly relished by the bees and makes superior honey. Of great value as a fertilizer. Sweet Clover will furnish the soil with bacteria for the successful growing of Alfalfa. It will make sandy soils fertile. Sow 10 to 12 pounds per acre.

Price, per lb. 40c; 3 lbs. \$1.10 postpaid. By freight or express, not prepaid, 10 lbs. \$2.25; bu. \$11.75.

The Esparcette Clover I got of you made a good stand; better than I expected owing to the dry weather. Your garden seeds are fine.

J. C. Auer, Hailey, Wyo.



Esparcette Clover.



**CLOVER AND GRASS SEEDS.—Continued.**

Prices are subject to change.

**Medium Red Clover.** (June Clover.) Regarded the most important of all clovers for practical agriculture, not only for forage, but also as a soil fertilizer. In order to keep the land up, Red Clover should be sown with all spring grain at the rate of 6 pounds per acre. When sown for forage use 10 to 15 lbs. per acre. Enriches the soil, furnishes an immense amount of grazing, large crops of excellent hay and is a profitable seed crop. It is usually sown with wheat or oats early in the spring, but will do equally well when sown in the fall. Our clover seed is grown on clean land and we clean all seed with the latest improved machines. Our customers can rely upon receiving only the best seed.

"OUR BEST" GRADE SEED, per lb. 35c; 3 lbs. \$1.00 postpaid. By freight, not prepaid, pk. \$3.00; bu. \$11.00.

CHOICE GRADE, peck \$2.65; bushel \$9.75.

**Mammoth Red Clover.** (Pea Vine Clover.) This is well known for its enormous yields and for reclaiming exhausted land. It is extremely hardy and will flourish on soil which is too low and heavy for the common Red Clover. Where permanent hog pastures are wanted Mammoth Clover will give the best results. The hay is of choice quality, and is greedily eaten by all kinds of stock. Sow 10 to 12 pounds per acre. Can be sown either in the spring or fall. Our seed was grown here and we furnish the true Mammoth Clover, seed of which it is usually difficult to procure. The new crop seed is of extra fine quality.

"OUR BEST" GRADE SEED, per lb. 40c; 3 lbs. \$1.10 postpaid. By freight, not prepaid, pk. \$3.00; bu. \$11.50.

CHOICE GRADE, Peck \$2.85; bu. \$10.25.

**Alsike or Swedish Clover.** The advantage which the Alsike Clover has over Red Clover and other varieties are its hardiness and true perennial character. It adapts itself to a great variety of soils, growing on the edge of a stream and in swamp or low land, and also flourishes on dry and stubborn, stiff clay and upland soils, thus being capable of resisting the extremes of drought and wet alike. It is well liked by all stock either green in the pasture or when cured for hay. Sow 6 to 9 pounds per acre. The past season we sold more seed of this clover than ever before and many of our customers consider the Alsike Clover superior to the Red Clover. Seed is scarce and somewhat higher in price.

**White Clover.** This is of particular value in mixtures for pastures and lawns, and will grow on almost any kind of soil, excepting wet or very moist ground. Being very hardy and of creeping habit, it will also prevent the ground from being washed away by heavy rains. Valuable also for bee pasture and as a green food for poultry. Sow 5 to 6 pounds per acre.

"OUR BEST" GRADE SEED, per lb. 45c; 3 lbs. \$1.25 postpaid. Peck \$4.75; bushel \$13.00.

CHOICE GRADE, Peck \$4.35; bu. \$16.50.

\*\*\*\*\*  
 \* Plant our Upland Grown Alfalfa Seed. None better at any price. \*  
 \*\*\*\*\*



Alsike Clover.



White Clover.

"OUR BEST" GRADE SEED, per lb. 40c; 3 lbs. \$1.10 postpaid. By freight, not prepaid, pk. \$3.00; bu. \$11.50.

CHOICE GRADE, Peck \$2.75; bu. \$10.00.

**Crimson Clover.** (German Mammoth or Giant Incarnate Clover.) In this state and north of here this clover is treated as an annual plant and sown in the spring. In the South sow any time from July to end of September. The only clover that yields a heavy and full crop the first season. The yield in fodder is immense, and after cutting, it at once commences to grow and continues until severe freezing weather. It grows about

two feet high. Will grow on nearly all soils, and succeeds well on sandy soil. There is hardly a better crop than Crimson Clover for cutting green, it makes excellent feed for milch cows and all kinds of stock. It makes superior hay and is of great value as a fertilizer. Worn out soils can be cheaply reclaimed by growing this clover. Sow in spring 12 to 15 pounds per acre. Every farmer should sow 5 to 6 pounds per acre with spring grain for fertilizing purposes.

Price, per pound 40c; 3 lbs. \$1.10 postpaid. By freight, not prepaid, peck \$3.00; bushel \$11.25.

**GRASS SEEDS.**

**Creeping Bent Grass.** This early variety is especially valuable as a pasture grass, and best adapted for low and moist situations. It starts early and holds out very late in autumn. Prefers deep, rich and moist soils, being very deep rooted, of quick, successive growth when cropped closely, and of dwarf habit. Sow 1 to 1½ bu. per acre. Per lb. 40c; 3 lbs. \$1.10 postpaid. By freight, not prepaid, bu. (14 lbs.) \$3.50; 100 lbs. \$24.00, sacks included.

**Bermuda Grass.** For the Southern states particularly this Grass is best adapted, and of great value. It is the chief reliance there for pasture and hay, furnishing rich and green pasture during nine months of the year. On good land it will cut two to four tons of nice hay per acre. It grows wherever corn and cotton grow. It grows luxuriantly during the driest weather and will withstand the winters as far north as Central Kansas. Sow in spring, 5 lbs. per acre. Price, lb. \$1.00 by mail postpaid. 5 lbs. not prepaid, \$4.50.



Crimson Clover.



**GRASS SEEDS.**—Continued.

Prices Subject to Change.



Bromus Grass.

**Bromus Inermis.** (Hungarian Brome Grass.) This pre-eminent drought resisting grass stands at the head of all, and is destined to lead as the most satisfactory and valuable forage grass in all localities where arid soils demand a plant with ability to withstand drought. Stands intense cold equally as well. It will produce a big crop of hay on land that is too poor for clover or timothy. May be sown in autumn with winter wheat or in early spring. In southern states sow in February or March, preparing the land as for other grasses. For hog pasture a mixture of Bromus Inermis and Alfalfa, where the latter succeeds well, is recommended by Prof. Ten Eyck, of Kansas State Agricultural Experiment Station, and he also suggests for large pastures for cattle a mixture of the following, per acre: Bromus Inermis 10 pounds, Orchard Grass 6 pounds, Meadow Fescue 8 pounds, Red Clover 1 to 2 pounds, added to the mixture. For worn out pastures he advises to disc early in the spring, following with a harrow, and sow Bromus Inermis on the land. Sow 20 to 30 pounds per acre if sown alone.

Price, "OUR BEST" GRADE, lb. 30c; 3 lbs. 85c postpaid. By freight, bushel (14 lbs.) \$2.00; 100 lbs. \$12.00, sacks included.

CHOICE GRADE, bushel (14 lbs.) \$1.75; 100 lbs. \$11.00.

**Tall Meadow Oat Grass.** The earliest of all grasses, and one that has naturalized itself all through the western states. It is the first grass to show itself in spring, and grows rapidly in good soil, showing a height of 4 feet by June. It will furnish 2 and 3 cuttings per year and is invaluable for early and late pasturage. The grass is without a doubt one of our most valuable grasses for either hay or pasture. It seems to keep green, both summer and winter, longer than any other grass, and for this reason is also known as Evergreen Grass. Farmers in sections where timothy does not succeed will make no mistake by sowing this grass liberally. We recommend a mixture of about ten pounds each of Tall Meadow Oat Grass, Bromus Inermis and Meadow Fescue, to which clover seed may be added. Sow 20 to 25 lbs. per acre when sown alone.

Price, lb. 40c; 3 lbs. \$1.15 postpaid. Bushel (14 lbs.) \$3.50; 100 lbs. \$22.00.

**Perennial Rye Grass.** (English Rye Grass.) A nutritious, permanent grass for meadows and pastures, or for mixing with other grasses for lawns. It is also well adapted for permanent meadows and yields large quantities of very nutritious hay. It makes a quicker, leafier growth than most other grasses, succeeds in the shade as well as in the open, and may be sown with good results in orchards or woodland pastures. Sow in spring and fall at the rate of 20 to 30 lbs. per acre.

Price, lb. 30c; 3 lbs. 85c postpaid. By freight, bushel (20 lbs.) \$2.25; 100 lbs. \$9.75, sacks included.

**Italian Rye Grass.** A quick growing annual grass. Will grow on almost any soil, but thrives best on rich, moist land, where large crops can be produced. Valuable for hay and pasture. It is well adapted for pastures on account of its early growth in spring, and its quick and successive aftergrowth when closely cropped. For this reason it is very valuable to sow as a catch crop in clover fields where the clover has died or winter-killed. When mixed with Crimson Clover and sown on these bare spots in spring, a full crop can be counted on from these fields. Grows 2 to 4 feet high. Sow 20 to 25 pounds per acre.

Price, lb. 30c; 3 lbs. 85c postpaid. Bushel (14 lbs.) \$1.75; 100 lbs. \$10.75, sacks included.

**Meadow Fescue, or English Blue Grass.** Succeeds well in almost all soils, from high, dry land to moist, standing the summer heat excellently. It is valuable as a pasture grass, being one of the earliest in the spring and latest in the fall. It is highly recommended as a large yielding, nutritious pasture and hay grass for all sections of the country as far south as Tennessee, and west into central Kansas. In central Kansas, in particularly, where timothy does not succeed, it is perhaps the best grass that could be grown. It may be sown either in the spring or fall. Sow 20 to 30 lbs. per acre.

Price, "OUR BEST" GRADE, lb. 45c; 3 lbs. \$1.25 postpaid. By freight, bu. (24 lbs.) \$7.50; 100 lbs. \$29.50, sacks included.

CHOICE GRADE per bu. (24 lbs.) \$7.00; 100 lbs. \$27.50.

**Fancy Kentucky Blue Grass.** Very valuable and popular as a permanent pasture grass. It is productive and unusually early in spring, furnishing nutritious food for all kinds of stock. Unexcelled for lawns. The seed may be sown in early spring or fall or during the winter on a light fall of snow. Sow 20 to 30 pounds per acre for pasture or 60 to 100 pounds for lawn. Our seed is government tested, first class in every particular and contains no Canada Blue Grass.

Price, "OUR BEST" GRADE, per lb. 45c; 3 lbs. \$1.25 postpaid; bu. (14 lbs.) \$4.25; 100 lbs. \$28.00, sacks included.

CHOICE GRADE, bushel \$3.90; 100 pounds \$26.50.

Aldridge, Missouri.

You sent us the finest seed that we have ever had in 20 years experience in farming. Of your clover seed I sowed a little in garden row for test on the 6th of July. The same night we had a rain and by the next evening I think every seed in the row was up. On the 20th of September my son sowed your Alfalfa seed and by the 20th of November the plants were three to six inches high. The Mammoth Clover and Alsike Clover done fully as well. If we need any more seeds, will certainly send to you for same.

E. J. MOORE.



Meadow Fescue.



**GRASS SEEDS.—Continued.**

Prices subject to change.

**Timothy.** Unsurpassed for hay and greatly liked by all stock. Best suited to moist, rich and loamy soils. Timothy hay always commands the highest market price. An excellent meadow can be made by sowing three pounds of clean Red Top and one or two pounds of Red Clover with about eight pounds of Timothy per acre. 10 to 12 pounds are required when sown alone. Our seed is home grown, of extra nice quality and free from weed seed.

"OUR BEST" GRADE per lb. 30c; 3 lbs. 85c postpaid. Bushel (45 lbs.) \$5.75; 100 lbs. \$12.50. Grain bags to ship seed in, 23c each extra.

CHOICE GRADE, bushel \$5.25; 100 lbs. \$11.00.

**Sheep's Fescue.** This grass should form a large part of all mixtures intended for sheep grazing on high upland or dry pastures. In growth it is short and dense, and of excellent nutritive qualities, deep-rooted and not easily affected by drought. Sow twenty to twenty-five pounds per acre. Per lb. 40c; 3 lbs. \$1.10 postpaid. By freight, per bu. (14 lbs.) \$3.00; 100 lbs. \$20.00, sacks included.

**Hard Fescue.** Very valuable pasture grass for dry lands, doing well on sandy shallow silicious soils. Exceedingly hardy and permanent, with-standing extremes of cold, heat and drought. Makes a fine lawn grass. Per lb. 40c; 3 lbs. \$1.10 postpaid. By freight, bushel (14 lbs.) \$3.00; 100 lbs. \$20.00.

**Crested Dogstail.** For permanent pastures; especially on high land and dry soils and hills. Is very hardy and but little affected by extreme drought or cold weather. Very hardy and grows 1 to 1½ feet high. Grows well in shady places and is valuable for lawns. Per lb. 50c; 3 lbs. \$1.40 postpaid. By freight, bushel (14 lbs.) \$4.50, sacks included.

**Wood Meadow Grass.** It is invaluable for wood pastures and should be included in all mixtures, especially in shady places. Remarkable for its quick successive growth. Per pound 70c; 3 pounds \$1.95 postpaid. By freight, bushel (14 lbs.) \$7.00, sacks included.

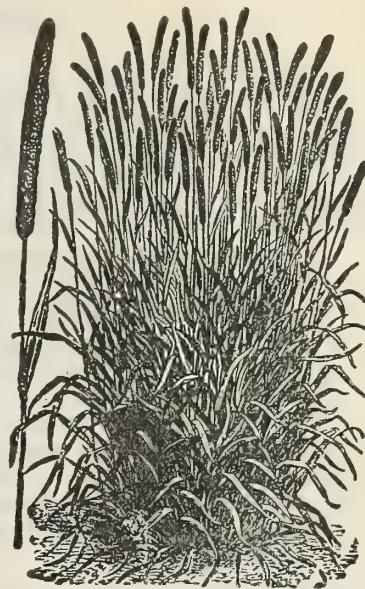
**Orchard Grass.** A valuable grass for pasture or hay land, and on account of its earliness very valuable for permanent pastures. It furnishes the first green bite in the spring and the last in the fall, and is quick to recover from close cropping. It is well suited to shady places, such as orchards and groves. It is good practice to sow Red Clover with Orchard Grass, either for hay or pasture. According to chemical analysis orchard grass hay is equal, if not superior to timothy. Orchard Grass is of great value for early and late pasture and in the South can be pastured nearly the entire year. Does well in our western states. It is also quite valuable for binding soils. Sow 20 to 30 pounds per acre.

"OUR BEST" GRADE seed per lb. 40c; 3 lbs. \$1.10 postpaid. By freight, bushel (14 lbs.) \$3.50; 100 lbs. \$22.00.

CHOICE GRADE, bushel \$3.00; 100 lbs. \$20.00.



Orchard Grass.



Timothy.

**Red Top.** Valuable for most soils. Good permanent grass. Stands our climate well, and is adapted to our pastures. Has succeeded on alkali soils when other grasses failed. Fancy clean or hulled seed, sow 8 to 10 pounds per acre.

"OUR BEST" GRADE per lb. 40c; 3 lbs. \$1.10 postpaid. By freight, bushel (14 lbs.) \$3.50; 100 lbs. \$22.00, sacks included.

CHOICE GRADE, bushel (14 lbs.) \$3.00; 100 lbs. \$20.00.

**Prime Red Top.** Seed with the hulls or chaff seed. Sow 2 bu. per acre. Best quality, per lb. 30c; 3 lbs. 85c postpaid. By freight, bu. (14 lbs.) \$2.00; 100 lbs. \$12.00.

**Water Fescue Grass.** A very valuable Grass for improving low and wet meadows, marshes or sloughs. It succeeds best on moist and wet land which is often under water. It is not well adapted for sowing by itself or alone, but does better if sown together with other varieties adapted for low ground, when a large quantity of fine hay can be secured in this way. Per lb. 50c; 3 lbs. \$1.40 postpaid. Freight, bu. (14 lbs.) \$5.50, sacks included.

**Meadow Foxtail.** One of the best permanent pasture grasses for rich, moist lands and will stand an occasional overflowing. Its chief characteristics are its extreme earliness and its faculty of standing high summer heats without burning. The plant is similar to Timothy in growth. Should be sown only in connection with other grasses, 8 to 10 lbs. to the acre. Per lb. 45c; 3 lbs. \$1.25 postpaid. By freight, bushel (14 lbs.) \$3.75.

**LAWN GRASS SEED.**

This is a mixture of the best varieties of grass seeds suited for growing together, and make a beautiful, soft, velvety lawn and keep green from early spring all through the hot dry summer weather, until late in the fall. It comes up quickly, and after once up it soon spreads to cover the ground and is ready for the lawn mower in six to eight weeks. It is permanent, maintaining its beauty for many years. This mixture is made by ourselves from new crop, re-cleaned pure seeds of the best varieties. One quart will cover about 300 sq. feet. Price, quart 35c; 4 quarts \$1.25 postpaid. By freight or express, not prepaid, bushel (15 lbs.) \$4.25; 50 lbs. \$13.00; 100 lbs. \$25.00, sacks included.

The Alfalfa seed ordered from you arrived in good condition and I am well pleased. Enclosed \$29.71. Best thanks for prompt shipment.  
C. W. AUERSWALD, Attalia, Wash.



## SPECIAL CLOVER GRASS MIXTURES.

### For Permanent Pastures and Meadows.

By sowing these Grass Mixtures a much larger yield per acre can be obtained than if only one or two varieties are sown. A pasture containing a variety of grasses and clover is again as productive and can be pastured earlier and longer than if but one kind of grass or clover is used. We have carefully studied this subject and our mixtures are prepared to suit the requirements of the different soils and the purposes for which they are to be used. Mixtures for particular purposes will be furnished at lowest prices consistent with best quality. Write us giving full particulars as to soils, etc. In making up these grass mixtures we use the best grade of seed only and our prices rule accordingly. Please bear this in mind when comparing prices.

#### Mixtures for Permanent Pastures.

Sow 20 lbs. per acre, or 10 lbs. for top-seeding.

**No. 1.** For medium soils.

**No. 2.** For high sandy and dry soils.

**No. 3.** For high, dry land, heavy or clay soils.

**No. 4.** For low wet ground.

**Price.** 20 lbs. \$3.25; 50 lbs. \$7.50; 100 lbs. \$14.00.

#### Mixture for Sheep Pastures.

For permanent pasture on high, dry soils. Sow 25 lbs. per acre, or 15 lbs. for top-seeding.

**Price.** 25 lbs. \$4.50; 50 lbs. \$8.00; 100 lbs. \$15.00.

#### Mixture for Hog Pasture.

Ready to use the first year and will last for many years. Will fatten the hogs quickly and keep them in good health. Sow 15 to 20 pounds per acre. **Price,** 15 lbs. \$2.50; 50 lbs. \$7.00; 100 lbs. \$13.00.

**Small Quantities by Mail.** For trial we will send any of the above mixtures, 3 lbs. for \$1.00 postpaid.

#### Mixtures for Permanent Meadows.

Sow 20 lbs. per acre, or 10 lbs. for top-seeding.

**No. 5.** For medium soils.

**No. 6.** For high, light and dry soils.

**No. 7.** For high, dry land, heavy or clay soils.

**No. 8.** For moist, rich soil, or land subject to overflow.

**Price.** 20 lbs. \$3.25; 50 lbs. \$7.50; 100 lbs. \$14.00.

#### Mixture for Wood Pastures.

For permanent pasture on shady woodland. Sow 20 to 25 lbs. per acre.

**Price.** 20 lbs. \$3.75; 50 lbs. \$9.00; 100 lbs. \$17.00.

## BIRD SEED.

**Ideal Mixed.** Only the best grades of re-cleaned seeds are used in this mixture. Best for singing Canaries and other small birds. Pound 10c; 3 lbs. 25c. Postage 10c extra per pound.

**Good Mixed.** For ordinary canaries, finches, linnets, etc. We do not recommend this for the best singing canaries. Pound 7c; 3 lbs. 20c; 10 lbs. 55c. Postage 10c extra per pound.

**Sicily Canary.** The best grade imported Sicily Canary. Pound 10c; 3 lbs. 25c. Postage 10c extra per pound.

**Russian Hemp.** A rich, oily seed, much liked by all birds. Should be fed sparingly. Pound 10c; 3 lbs. 25c. Postage 10c extra per pound.

**German Summer Rape.** This is considered the best seed for canaries. We carry the best imported seed only. Pound 10c; 3 lbs. 25c. Postage 10c extra per pound. Not prepaid, 10 lbs. 70c.

**Russian Sunflower.** Best food for Parrots, Red Birds, etc. Pound 15c; 3 lbs. 40c; 10 lbs. \$1.00. Postage 10c extra per pound.

**French White Millet.** For canaries and other small birds. Pound 20c; 3 pounds 50c. Postage 10c extra per pound.

**Blue Poppy or Maw.** A small seed greatly liked by all small birds and used largely for feeding finches. Large packet 10c; pound 40c postpaid.

**Lettuce Seed.** Well liked by canaries, finches and all small birds.  $\frac{1}{4}$  lb. 15c; lb. 40c postpaid.

**Bird Dainties.** Canaries as well as all other small birds should have a change of food occasionally, and for this purpose there is nothing better or more beneficial than our Bird Dainties. Composed of various kinds of seeds greatly relished by all birds. Large packet 10c postpaid.

## HAMMONDS SLUG SHOT.

A Combination of the most potent insecticides and soluble plant foods. It destroys all insects injurious to house or garden plants, shrubs, trees, vines, potatoes, melons, cabbage, currants and vegetables and fruits of all kinds. This preparation, though poisonous to insects does not injure the foliage.

Not prepaid, 5 lbs. 35c; 10 lbs. 60c. Postpaid, lb. 25c; 4 lbs. 95c.

We also have Slug Shot in 1 lb. cartons each with perforated top, ready for use. Price, 1 lb. cartons 15c each; postpaid 30c.

## FRENCH BORDEAUX MIXTURE.

### In Fine Pulp (or Liquid) Form.

The finest and best article of its kind made in America. Ready for immediate use. Works freely, without clogging, in any spraying machine. To be diluted 25 to 50 times with water and sprayed. This article is so well made that it covers a very large leaf surface, and the even distribution in minute mass, is what does the real protective work. It sticks effectively. Price 1 quart can 45c; 1 gallon can \$1.20, not prepaid.

**Crushed Oyster Shell.** Best grade. Oyster Shell should be fed regularly to all laying hens. 100 lb. sack 85c; 5 sacks \$4.00.

**Mica Poultry Grit.** Essential to the health of all fowls. 100 lb. sack 65c; 5 sacks \$3.00.

**Mica Fine Grit.** For young poultry. 100 lb. sack 70c; 5 sacks \$3.25.

**Fine Ground Oil Meal.** Old process, extra fine grade. 100 lb. sack \$2.15; 5 sacks \$10.25.

**Plant our Upland Grown Alfalfa Seed.** There is none better at any price.





**TREE SEEDS.**

For full description, see pages 32 to 40.

The seed comes quickest and best when planted in rich, sandy loam. Plants should be naturally or artificially sheltered from heavy east and northeast winds.

**Ash.** (White.) *Fraxinus Americana*. Soak the seed for 24 hours in luke-warm water. Sow early in spring or fall and cover 2 inches. Pkt. 5c; ¼ lb. 25c; lb. 60c postpaid.

**Ailanthus.** Tree of Heaven. Sow seed in spring when the ground has become warm and cover 2 inches. Ounce 10c; ¼ pound 20c; pound 60c postpaid.

**Box Elder.** *Acer Negundo*. Culture same as Ash. Pkt. 5c; ¼ lb. 25c; lb. 60c postpaid.

**Catalpa Speciosa.** Hardy Catalpa. Culture same as Ailanthus. Pkt. 5c; ¼ lb. 40c; lb. \$1.25 postpaid.

**Locust, Black or Yellow.** *Robinia Pseudacacia*. Soak the seed in warm water for 24 hours before sowing. Cover 2 inches. Sow in spring. Pkt. 5c; ¼ lb. 20c; lb. 65c postpaid. 10 lbs. \$4.75, not prepaid.

**Honey Locust.** *Gleditsia Triacanthos*. Pour warm water (120 degrees) over the seed, stir well for ten minutes and let seed remain in water for 24 hours. Then sow and cover 3 inches. Seeding time—spring. Pkt. 5c; ¼ lb. 20c; lb. 65c postpaid. 10 lbs. \$4.75 not prepaid.

**Thornless Honey Locust.** *Gleditsia Inermis*. Culture same as above. Pkt. 5c; ¼ lb. 25c; lb. 75c postpaid. 10 lbs. \$6.00, not prepaid.

**Mountain Ash.** *Sorbus Aucuparia*. Sow the seed very early in spring and cover 2 inches. Sometimes the seed will not germinate until the second year. Oz. 10c; ¼ lb. 20c; pound 65c postpaid.

**Mulberry, Russian.** *Morus Nigra*. Sow in spring when the ground has become warm, covering ½ inch. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00 postpaid.

**Norway Maple.** *Acer Platanoides*. Sow seed early in spring or in fall, covering 2 inches. Pkt. 5c; ¼ lb. 25c; lb. 75c postpaid.

**Osage Orange.** (Hedge Plant.) *Maclura Aurantiaca*. Before planting soak the seed in water for 6 or 7 days, changing the water every day. Cover 3 inches. Seeding time—spring. Pkt. 5c; ¼ lb. 25c; lb. 75c postpaid.

**Persimmons.** *Diospyros*. Sow seed in spring and cover two or three inches. Oz. 10c; ¼ lb. 25c; lb. 65c.

**French Crab Apple.** Best French Seed. Sow early in spring and cover 1½ to 2 inches. If sown later in the season the seed must first be soaked in water for 3 or 4 days, changing the water every day. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25 postpaid.

**Pear.** Sow thickly in spring, in drills 18 inches apart. The soil should be deep and rich; a moist, rich loam is best. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.25 postpaid.

**Mahaleb Cherry.** Sow seed thickly and cover 2 inches. If sown in spring they will come up the following spring. Fall seeding will make plants the next year. Oz. 10c; ¼ lb. 20c; lb. 65c postpaid.

**Russian Olive.** *Elaeagnus*. Sow seed in spring, after soaking same in luke-warm water for several hours; cover about 2 inches. Pkt. 10c; ¼ lb. 25c; lb. 75c postpaid.

**EVERGREENS OR CONIFER TREE SEEDS.**

For description of varieties, see pages 41 and 42.

Seed should be sown early in spring in a rich, sandy loam. Shelter the plants from heavy east and northeast winds. Most varieties grow easily from seed. Prices include postage.

	Pkt.	Oz.	Lb.
Arbor Vitae. (Chinese.) <i>Thuja Orientalis</i>	5c	20c	\$2.25
Arbor Vitae. (American.) <i>Thuja Occidentalis</i>	10c	30c	3.00
Colorado Blue Spruce. <i>Picea Pungens</i>	10c	30c	3.50
Norway Spruce. <i>Picea Excelsa</i>	5c	15c	1.20
White Spruce. <i>Abies Alba</i>	10c	30c	4.00
Balsam Fir. <i>Abies Balsamea</i>	5c	15c	1.75
Douglas Fir. <i>Pinus Douglasii</i>	5c	25c	3.00
Silver Fir. <i>Abies Sibirica</i>	5c	15c	1.50
Austrian Pine. (Black Pine.) <i>Pinus Austriaca</i>	5c	20c	2.00
Bull Pine. (Yellow Pine.) <i>Pinus Ponderosa</i>	5c	25c	2.50
Scotch Pine. <i>Pinus Sylvestris</i>	5c	20c	2.00
White Pine. <i>Pinus Strobus</i>	10c	25c	2.75
Jack Pine. <i>Pinus Divaricata</i>	10c	40c	4.75
Red Cedar. <i>Juniperus Virginiana</i>	5c	10c	.75
Silver Cedar. <i>Juniperus Virginiana Glauca</i>	5c	20c	2.25
European Larch. <i>Larix Europea</i>	10c	25c	2.00
English Juniper. <i>Juniperus Communis</i>	5c	15c	.90
Hemlock Spruce. <i>Tsuga Canadensis</i>	10c	30c	3.75
Pinyon. (Nut Pine.) <i>Pinus Parryana</i>	5c	15c	1.75
White Fir. (Colorado Black Balsam.) <i>Abies Concolor</i>	5c	20c	2.00
Engleman's Pine. <i>Pinus Engelmanii</i>	10c	30c	4.00

**WALKER'S EXCELSIOR PLANT FOOD.**

A soluble food for house plants, containing all the elements necessary to nourish and make beautiful flowers and plants. It makes brighter flowers and prolongs the period of blooming. Large box containing sufficient for 25 plants for one year 25c; postpaid 40c. Small package 15c; postpaid 25c.

**KNOX LICE EXPELLING NEST EGGS.**

A scientific triumph! Lice killer and nest egg combined in one. Effective, lasting, not expensive, superior to others in form, size and appearance. Just the thing for laying hens.

Price, 8c each; 85c per dozen. Postpaid, 12c each.

**SCOLLEY PLANT SPRAYER.**



Scolley Sprayer.

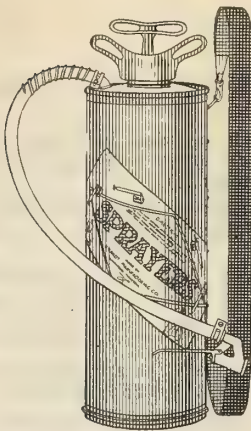
A necessary article for everyone who keeps house plants. With it you can without injury to the plants or soaking the earth, quickly and effectively sprinkle them. Large size \$1.00; postpaid \$1.10. Medium size 75c; postpaid 85c.





**THE "PERFECTION" SPRAYER.**

In offering this new sprayer to our customers, we do so with the knowledge that we are offering the best sprayer on the market. It is of simple construction, and will not get out of order, and are guaranteed to give satisfaction. First comes the question of strength and durability combined with ease of operation, range and character of work necessary in a sprayer that can be sold at a moderate price. A poor sprayer is dear at any price, a good one is cheap. The tanks are made of heavier metal than has ever been used in Sprayers of this kind, are lock seamed at the corners to convex heads of metal two gauges heavier than the sides, making the tank practically unbreakable. The pump is 1 1/4 inch Seamless Brass Tubing with a brass valve, and is sealed into the top of the tank with heavy threads following the construction used in the best makes of fire extinguishers. The hose is 3/8 in. 4-ply cloth inserted and is equipped with the well known Automatic Shut-off Nozzle. This sprayer will handle whitewash, water paints, Bordeaux mixtures, etc., perfectly. It is made of heavy brass, weighs 9 1/2 pounds empty and is tested with 50 pounds pressure before leaving the factory. **Complete Outfit, ready for use, Price \$6.75, not prepaid.**



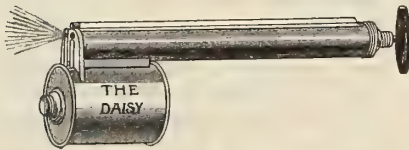
Perfection Sprayer.

**THE "IMPERIAL" SPRAY OUTFIT.**

Where a large sprayer is necessary the Imperial will fill the bill to the satisfaction of everybody. This outfit is complete and ready for operation. Holds thirty-two gallons. Is mounted on two 30-inch wheels with 2 inches oval face. Is fitted with the No. 5 "Wide World" Pump which is of very large capacity and will maintain a heavy pressure at a minimum of effort. The pump is held in place by two strong castings and may be adjusted up or down to suit the height of the operator. A mechanical agitator keeps the liquid well mixed. A fine strainer keeps all foreign substance out of the pump. All valves and working parts are brass and the outfit has the following equipment: 10 feet 5-ply Pressure Hose. 10 feet pipe extension in three pieces. 1 T. handle Shut-off Cock. 1 Single "Ideal" Nozzle. Shipping weight about 130 pounds. **Price for Complete Outfit \$20.00, by freight not prepaid.**

**THE "BRANDT DAISY" SPRAYER.**

A small sprayer and a great labor saver. It works **Both Ways**—Sprays the same on the return stroke as on the forward stroke, thus doing twice the work. Sprays straight up as well as down, a valuable feature in spraying poultry houses, etc. It speaks for itself, and needs no further description. Made with brass tank and holds 1 quart. Price \$1.00.



Daisy Sprayer.

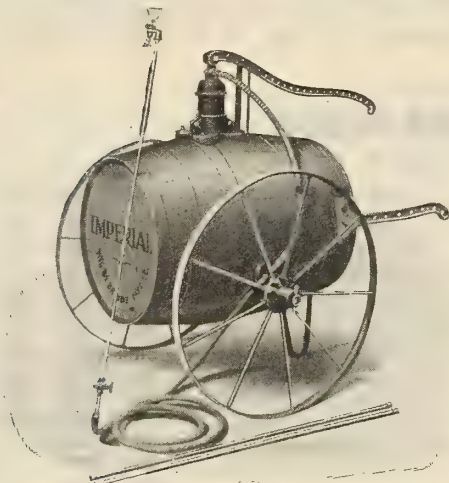
**Write for free illustrated circular on Sprayers which gives detailed description and valuable spraying formulas.**

**THE "CYCLONE" BROADCAST HAND SEEDER.**

Warranted to give satisfaction. The Cyclone has a national reputation as a high grade Seed Sower. It is built, not for cheapness, but for durability and accurate work. It weighs less than 4 lbs., yet is strong and durable, and so simple that a boy can operate it. Just the thing for sowing all kinds of clover, alfalfa and grass seed, millet, rape, and even larger grains, also fertilizer. Price, reduced, \$1.50, not prepaid.

**THE "PERFECT" SEED SOWER.**

Has a solid malleable iron frame with steel base and hopper. The crank can be used either on the right or left side, being the only seeder that a left handed operator can use with ease. The bag will hold one-half bushel of seed. All kinds of Clover, Grass Seeds, Grain and Fertilizer can be sown perfectly even. The seeder weighs 4 1/2 pounds. Price \$1.25 not prepaid.



Imperial Spray Outfit.

**Garden Trowels.** An indispensable tool to everyone who has a vegetable or flower garden to look after. 5-inch trowels 10c each. Extra strong 6-inch trowels 20c each. Postage 8c extra for each trowel.

**Excelsior Weeder.** Can be used to great advantage in any garden. Price 10c each. Postpaid 18c.

**Lang's Hand Weeder.** This is the best hand weeder for all purposes and a first class labor saver. Each 25c; 6 for \$1.25. Postpaid 30c each.

**Acme Potato Planter.** This planter enables one man, going over the field but once, to plant two or more acres in a day. And this almost as easily as he could walk the same distance in the same time. It makes the holes, drops and covers at the same time. It is important in planting potatoes that they be placed in moist soil and covered before the soil dries out. This the Acme Planter does perfectly. Weight 2 1/2 pounds. Price \$1.00 by freight or express, not prepaid.

**Lightning Mole Trap.** Acknowledged by all to be superior to any trap made. All parts malleable iron and steel. If you are bothered with moles you should have one of these traps. No mole can pass under it and live. Price 85c not prepaid.

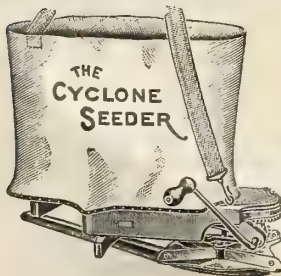
**Tobacco Dust.** Destroys rose bugs, lice, cut worms, vine bugs, tomato worms, currant worms, cabbage lice and worms, and parasites of all description. Best insecticide to use on cucumbers and melons. Should be applied when the foliage is wet. Also a most complete fertilizer for plants and vines; will not burn or injure the plants. Price, 1b. 10c; 5 lbs. 25c; 16c per lb. extra if sent by mail. Not prepaid, 10 lbs. 40c; 100 lbs. \$2.95.

**Sulpho Tobacco Soap.** For a cheap, effective, clean and harmless insecticide this is unexcelled. It quickly exterminates all insect life on plants and flowers, in and out of doors. For spraying fruit trees, small fruits, shrubs and vines. Destroys squash, melon and potato bugs. Makes a good wash for dogs and all animals. Prevents poultry lice. 3 ounce cake (for 1 1/2 gallons) 10c, or postpaid 15c; 8 ounce cake (for 4 gallons) 20c, or 28c postpaid.

**Scolley Plant Sprayer.** A necessary article for everyone who keeps house plants. With it you can without injury to the plants or soaking the earth, quickly and very effectively sprinkle them. Large size \$1.00; postpaid \$1.10. Medium size 75c; postpaid 85c.

**Dibber.** A round Dibble with steel point for transplanting vegetable plants. Each 30c; postpaid 45c.

**Ladies Garden Trowel.** Very handy trowel for use in the vegetable and flower garden. Each 20c; postpaid 33c.



Garden Trowel.



Acme Potato Planter.



Lang's Hand Weeder.















25  
YEAR

### TWENTY-FIFTH ANNIVERSARY VEGETABLE COLLECTION

MICHIGAN WHITE WAX BEAN	PKT	10¢
NEW CENTURY CABBAGE	"	10¢
INCOMPARABLE LETTUCE	"	10¢
HYBRID CASABA MUSKMELON	"	10¢
WHITE DELICIOUS RADISH	"	5¢
GIANT DWARF TOMATO	"	15¢
		60¢

This Collection of Six  
**SPLENDID VEGETABLES**  
for **40¢** Postpaid

SEE DESCRIPTION OF THESE NOVELTIES  
ON PAGE 72.



*ice St. James*