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MAY'S NEVER FAIL FARM COLLECTION

OATS, SCOTTISH CHIEF.—Drought proof, very plump kernels, immensely productive
Bushel $1.00.

CORN, SURECROP.—Matures in 80 days, an immense yielder, quality the best.
Bushel $1.75.

POTATO, NETTED GEM—Wonderfully prolific, of handsome appearance and best quality.
Bushel $3.00.
1 bushel of each for $5.50.
Fully described page 6.
PLEASE USE THIS FOR TREES, PLANTS, ETC.

L. L. MAY & CO.
ST. PAUL, MINN.

DATE.............................. 1904.

Enclosed Please Find.............................. for $

NOTE. State plainly whether by Nail, Freight or Express.

For which please forward by.

The following, per prices, terms and conditions of your catalogue for 1904.

NAME.

POST OFFICE..........................

COUNTY ...................... STATE
Be sure to write Express or Freight Office in full, writing the County and State plainly.

EXPRESS OR FREIGHT OFFICE

COUNTY ...................... STATE

HOW TO SEND MONEY.
Send money by Express Money Order, Postal Money Order, Bank Draft or Registered Letter. Please do not send private check, as we have to pay for collecting same and will deduct the cost from the amount of your order.

DO NOT WRITE IN THIS SPACE.

No..............................

Date Rec'd..........................

Filled By..........................

Date Shipped..........................

Quantity.

PLANTS, TREES, ETC.

SIZE. PRICE

If you write a letter, please put it on a separate sheet.

All Seeds, Implements, etc., should be ordered on the other Order Blank.

OVER.
To Our Friends and Patrons:

It affords us great pleasure to hand you here our Catalogue of Northern Grown Products, which have been grown and are offered with special reference to the needs of the North and Northwest, but which, at the instance of plants and vegetables from the South and Middle West, the nation has long been waiting for, and which, at the request of our customers (and their interest is ours) at heart, we have always insisted on offering something new without delay. We know that there will be disappointment and impaired vitality. Anticipating this, we have prepared and added to our catalogue a large number of seeds at a very early date, and have made our offerings ready for immediate use. We have endeavored to make our catalogue as complete as possible, and have paid special attention to the wants of our eastern friends, who will find the catalogue of especial interest and value.

We offer nothing that we cannot recommend, and recommend nothing but what we know to be the best. The catalogue is full of suggestions, and we believe that it will prove a valuable guide in the selection of seeds and plants.

EPIDEMIC SEEDS.—We cannot allow our catalogue to be complete without mentioning the epidemic seeds, which are sold in very small quantities and are accompanied by a catalogue containing the names of all the seeds offered. These seeds are grown in northern countries, and are not troubled with insects or diseases.

To those who order epidemic seeds, we recommend the following rules:—

ORDER EASY.—We earnestly request all customers to place their orders early, and we will assist in getting everything out promptly. USE THE ORDER SHEET in this book. If you wish to order a second time, write your order on a separate sheet of paper and do not mix it up in a letter. This will enable us greatly in filling your order. Blank order sheets will be sent at any time upon request.

ORDERS MUST BE ACCOMPANIED by the money for the goods. We cannot open small accounts, and will decline to fill orders unless accompanied by the cash. This is a uniform rule from which we cannot deviate.

DON'T FORGET YOUR NAME, POST OFFICE ADDRESS.—Every season we receive scores of letters and orders from parties who forget to sign their names, and do not give their post-office address.

How to Order.

YOUR ORDER, no matter how large or small, will always receive our prompt and careful attention.

ORDER EASY.—We earnestly request all customers to place their orders early, and assist us in getting everything out promptly.

USE THE ORDER SHEET in this book. If you wish to order a second time, write your order on a separate sheet of paper and do not mix it up in a letter. This will enable us greatly in filling your order. Blank order sheets will be sent at any time upon request.

C. O. D. SHIPMENTS.—We must decline to ship goods. C. O. D., unless the purchaser remits in advance sufficient money to pay transportation charges and cost of packing, etc., or at least one-third the amount of the order.

ORDERS MUST BE ACCOMPANIED by the money for the goods. We cannot open small accounts, and will decline to fill orders unless accompanied by the cash. This is a uniform rule from which we cannot deviate.

DON'T FORGET YOUR NAME, POST OFFICE ADDRESS.—Every season we receive scores of letters and orders from parties who forget to sign their name, and do not give their post-office address.

How to Send Money.

POST-OFFICE MONEY ORDERS may be obtained at nearly all post offices, at the rate of 5 cents per $1. DRAFTS ON ST. PAUL, NEW YORK, OR CHICAGO can be obtained at any bank.

EXPRESS MONEY ORDERS can be had at the office of the American, United States, Adams, Northern Pacific, Wells, Fargo & Co., Great Northern, and any of the regular express companies.

REGISTERED LETTERS cost 5 cents, and money should be sent in this way if cash cannot be sent by any of the above methods.

PERSONAL CHECKS.—Do not send personal checks, as we are obliged to pay for collecting same and will therefore have to deduct this charge from your order. Besides, orders are held until our bankers report checks paid, thus causing needless delay.

NEVER SEND SILVER OR CURRENCY in a letter or envelope without registering it, as it is unsafe to do so. Every month we have complaints from people who send money in this careless manner, which is stolen or lost in transit and never reaches us. When remittances are not made according to these directions, we disclaim all responsibility.

How to Ship.

MAY'S SEEDS POSTPAID.—At the prices quoted in our catalogue we prepay postage on all orders of 50 cents, or over, per packet, ounce, quart, pound, pint or quart. On seeds in larger quantities, also plants, trees, fruits, etc., ordered by express or freight, the purchaser pays the transportation charges.

EXPRESS AND FREIGHT.—Many of our customers do not stop to consider the difference between express and freight charges, and frequently order large quantities of seed by express, when it could be sent by fast freight just as well, and at much less expense. The express rates are naturally much higher than the freight.

EXPRESS RATES ON SEEDS, PLANTS AND BULBS are 20 per cent less than regular merchandise rates. Bear this in mind when receiving stock and insist on the express company giving you the proper rate.

DO NOT FORGET TO STATE HOW you wish goods shipped, whether by freight or express. Unless you do, we will ship as we think best and cannot be held responsible for delays or expense.

ST. PAUL MAILING ALLOTTMENT DEPOT, the freight rates are exceptionally low and freight shipments can be hurled to destination more rapidly than from less favored points.

PREPAID STATIONS.—Many small railroad stations are prepaid stations and the railroads will not accept freight for such points unless charges are fully prepaid. It will pay to delay if you uncertain if your station is a prepaid one before sending your order and include enough money to cover freight charges if it is.

In ordering by freight or express be sure to write plainly your express or freight office, county, state and in full, giving the names of the dealers from whom we have ordered. We will be glad to have your orders sent by us, and will have them there by the time to and delay here and arrangement at your end of the line.

Our Seed Department.

WE ARE SEED GROWERS.—By this we mean that we do not buy our seeds on the open market, as do many firms, but grow them ourselves. We know it will pay you to order May's Seeds, as you will then avoid the disappointment which so often follows the sowing of seeds that are purchased from commission dealers throughout the country. Seeds which, in many cases, have lain under the counter for years, and have expired, are worthless to a gardener or a farmer.

NORTHERN GROWN SEEDS are known to be superior to all others, being earlier, harder and more productive.

WE TEST ALL SEEDS as soon as received from our growers, and never send out an ounce that does not show a high germicidal test. THE TEST IS NONE TOO GOOD FOR NORTHERN SEEDS, but is the test upon which our reputation is based.

We have invested as much as any of our largest market gardeners and know there is not a firm in the world which is more particular regarding the purity of their seeds than we are. On the contrary, like all other seedsmen, we do not give any warranty, express or implied, as to the description, quality, productivity or any other matter connected with the seeds, plants, bulbs, etc., which we send out, nor will we be responsible in any way for the crop. Every order received for goods not delivered in this catalogue will be executed and sent out only on these conditions.

In each catalogue and corresponding list are sent with each order, and many are the kind letters we have received from our customers, who were surprised and delighted with the present of some new and choice seeds, plants or fruits which were sent with their order.

Our Plant Department.

AT OUR GREENHOUSES on Como Ave., in this city, the most extensive in the Northwest, we grow all of our tender plants, young roses, etc. At this place we employ experienced men who have made this their life's work. We are able to satisfy the most particular.

Our orders for plants are sent free of charge, with the exception of those which are shipped at the expense of the customer. The plants are sent in stages in the season, and a careful attention is paid to the same.

Our Nursery Department.

Our nursery, located 15 miles east of St. Paul, is governed by the same principles that have developed and built our immense seed business, viz., strict integrity in discrediting worthless varieties and rigid tests in scrutinizing new ones. Nothing but well known, esteemed varieties are offered, and only the best stock shipped out.

A certificate of inspection from the State Inspector of Numerists, showing our stock to be free from San Jose Scale and all other injurious insects and diseases will accompany each shipment.

Realizing the importance of supplying good stock and of treating all orders large and small with the same care and attention, we have built up our large business and point with pardonable pride to our immense patronage which has been secured by Honesty Methods and Strict Attention to Details, and respectfully solicit the continuance of your kind favors.

Yours, for the best seeds, plants, and fruits that are produced.

L. L. MAY & CO., St. Paul, Minn.
Mad Chatenay Rose. [For illustration see front of this House.] A Hybrid Tea. Everybody loves novelty, change, something new and grand to attract attention and incite interest. We find this in each walk of life and in every exploiting of new things we often, to the delight of the old and tried, the standards which have brought us pleasure, wealth or fame. This fact is especially true as regards roses and rose growers. Many new things are offered each season, said to possess exceptional merit and decided improvement over existing sorts when in reality they are vastly inferior in every respect. Often times the good qualities of a plant are hidden or overlooked by growers for years, only to be accidentally discovered and revived. The great merit and beauty of the Mad Chatenay, seem to have lain dormant for years and its full worth and beauty only recently found out. That it is one of the most charming varieties in existence no lover of flowers can deny. ITS COLOR is hard to describe, as the delicate shadings are so perfectly blended into and through each other. It is a bright, rose-carmine, a most glorious combination. Our illustration on front cover while painted from nature, faintly portrays its great beauty.

This FLOWERS are of large size, as large or larger than the La France, the buds pointed, of fine form for button-hole use. The center petals are slightly recurved. The buds unfold slowly, while the flower is most handsome from the time the bud begins to show color until it is fully expanded.

IT NEVER FADES and keeps a remarkably long time, the petals drying up and retaining their fine color for months after. Cut blooms have been known to keep their form, color and fragrance for two weeks after cutting.

ITS FRAGRANCE is finer, more like the delicate odor of the Tea Roses than the heavy perfume of the Hybrid Perpetuals.

ITS GROWTH. In growth it is strong, stocky and vigorous, with bright, clean, beautiful foliage at all times. For indoor growing it has proven a rich boon to the dorists, as its free blooming qualities, its strong growth, its freedom from mildew, all combine to make it a general favorite. We have grown a large stock of this grand rose, but would advise all our customers to place their orders early so as to obtain strong, well- rooted plants before our supply is exhausted. 10c each, 2 for 20c, postpaid. $1.20 per dozen by express.

Brazilian Melon Fruit. (See Cut.) This is a fruit-bearing tree that no one should fail to secure. A few years ago we introduced this great plant novelty, and our experience with it and the many testimonials received from all parts of the country, only strengthen our belief in the great possibilities of this fruit. This is a true fruit, with thick glossy green leaves, some foliage plants, but it also furnishes us with a most desirable, fragrant and deliciously perfumed fruit. The leaves are large and handsome and the fruit of a beautiful orange salmon color when ripe, and has a delicate subacid acid flavor.

Note.—As the leaves are entirely different from any other fruit we are acquainted with, we are asking only 50c a dozen for the first packets. The fruit will prove a very interesting and valuable addition to the ornamental plant list of any household.

The Seed.—We can supply the seeds of this valuable plant, which on sowing will be grown full grown, with the open ground during the summer months, and will make a most interesting and valuable addition to the ornamental border or for a hedge. Each packet contains 25c each, postpaid. 25c each.

Strawberry Guava. (See Cut.) Another luscious tropical fruit and charming house plant. This is a native of the warmest part of the world, and, like the orange, it bears both flowers and fruit at the same time. The flowers are pure white and delightfully fragrant. The fruit is large, nearly the size of a walnut, and of a rich, showy, sweet and spicy, and yet rich and delicate. It is very rare and interesting. The plant begins to bloom and bear fruit while quite small. The plants are usually grown and will thrive with a third treatment given the Otaheite Orange. With the Melon Fruit, Lemon and orange herewith offered, it forms a set of most interesting and valuable fruit and ornamental plants. 25c each, postpaid.

American Wonder Lemon. (See Cut.) Another fine and valuable fruit for the house plant, and one which bears luscious, large, and very green like the Otaheite Orange, are easily kept in favorable house conditions. It is a vigorous grower, and bears fruit at all times. In addition to this, its waxy white, fragrant blossoms, produced in profusion, are a great asset. It is most useful in breaking and suppressing ordinary lemons of commerce, in every particular. You will make no mistake in ordering this most beautiful plant as an ornamental plant or a fruit producing plant. 25c each, postpaid.

Daytonville, Mendocino County, Cal., June 16, 1906.
Messrs. L. L. May & Co.,

Dear Sirs,—I wish to thank you for your kind generosity concerning those strawberry-raspberry plants, which we received on the 15th of this month. We have given them prompt attention as soon as they arrived. They were very nice and they are growing well. If they don’t do well I am sure it is not your fault.

Yours respectfully, Mrs. J. B. Rayner.

AMERICAN WONDER LEMON.
THE JAPANESE KUDZU VINE.

The wonderful, rapid growing vine from the land of the Nikado. This is the most remarkable climbing vine of the age and one that should be planted by everyone desiring a dense shade. It comes from Japan, the land so productive of curious and ornamental flowers. It is a beautiful climber, remarkable for its great vigor of growth and its large and handsome blooms. It is a vine of peculiar beauty and has a pleasant, pleasing shade. An eminently horticulturist and prominent landscape designer has it growing over the front of his house, and pronounces it a veritable "Jack and the Beanstalk Vine," having reference to its rapid growth. Unlike many of our climbing vines it requires little or no care, commence growth so early in the spring and is so full of life and vigor that it will cover a wall or trellis before a Clematis or Wisteria would hardly be started. Its handsome blossoms are most attractive and its hardy nature commends it to everyone. It can be used to advantage in a great variety of places; on trellises, arbors, verandas, brick walls, stumps, fences, slopes, rockeries, or to cover any or all unsightly spots and corners. Blossoms do not affect it, water will not kill it, it delights in great heat and the roots withstand the severest cold. It certainly surpasses anything in this line ever introduced and places the Japanese Kudzu vine in existence. Strong roots 10c each, $1.00 per doz., postpaid. Seed, 10c per pkt.

THE KLONDIKE DAISY.

This is a hardy herbaceous plant from the land of ice and snow. It grows very luxuriantly and produces from the beginning of May to the middle of June, a great quantity of branching flower stems of a height of 15 to 20 inches. The single wavy little flower stems the elegant-shaped, graceful flowers are produced in great abundance. The blossoms are of large size, pure white, and retain their form and freshness a long time after cutting. Pkt. 15c.

IMPERIAL GERMAN NASTURTIUMS.

This rare and beautiful strain, introduced by us for the first time, possesses so many points of exceptional merit that we offer them to our customers and friends with the positive knowledge that they will give entire satisfaction under the most exacting circumstances. They are not untried novelties, neither are they the usual kinds, which every seedsmen offers. They are the results of years of painstaking hybridizing and careful selection on the part of our German specialists, who have made a life-long study of this class of flowers. The shades range from cream-like white through the various shades of yellow, orange, pink, red and scarlet. dwarf Mixed. These are extremely floriferous, producing the greatest profusion of bloom in all the exquisite tints common to this strain only. Their extreme height is from 8 to 12 inches, they occupy but little room and require no supports. Pkt. 10c, oz. 15c, 1/2 lb. 40c, lb. $1.00. Tall Mixed. These are very useful for covering the garden. Our experience has shown that we can grow without supports and are very pretty as they run and bloom along the grass. Pkt. 10c, oz. 15c, 1/4 lb. 40c, lb. $1.00.

RAINBOW NASTURTIUMS.

Among the many new varieties of these beautiful flowers there is none to surpass this unique and pleasing sort. The blossoms are of large size, of various colors and markings and of most attractive appearance at all times. The distinguishing feature of these flowers, however, is the great variety of colors in which they bloom. The plant is one of the easiest culture, succeeding in any open sunny position, and is not only desirable as a single plant in the mixed hardy border but can be used with fine effect in masses of beds of any size. Pkt. 10c.

STOKESIA CYANEA.

The Cornflower or Stokes' Aster. This is one of our most charming and beautiful native hardy plants. The plant grows from 18 to 24 inches high, bearing freely, from early July until frost, its handsome lavender-blue Centaurea-like blossoms, each measuring from 4 to 5 inches across. It is of the easiest culture, succeeding in any open sunny position, and is not only desirable as a single plant in the mixed hardy border but can be used with fine effect in masses of beds of any size. Pkt. 10c.

SWEET PEA NOVELTIES.

New sweet peas are offered each year with such clock-like regularity, that but few persons outside of specialists pay any attention to them. While it is true that improved varieties are being constantly added to the list of good sorts, it is equally true that not ten per cent of the annual introductions show any improvement over existing sorts. In fact, many of them are only old varieties with a new name. It has never been our policy to offer new varieties unless we had positive assurances or proof of their value, and our list of novelities has consequently been curtailed, for we have the best interests of our customers at heart always and never knowingly offer anything not possessed of some particular merit over old sorts. This year, however, our representative secured at great expense two new strains of sweet peas, which he saw growing and flowering with the introducers and which we know are well worth a trial by our Sweet Pea friends and customers.

King Edward VII. of unsurpassed beauty, large size and great productiveness. This is the largest scarlet ever introduced and assumes the same place in the reds that Dorothy Eckford does in the whites. Its color is an intense scarlet, its form most pleasing, its size enormous, four blooms to a stem being common, while the plant is at all times clean and vigorous in growth. Pkt. 10c, oz. 15c, 1/4 lb. 30c, lb. $1.00.

Dorothy Eckford. A new white variety, of large size, great vigor of plant, intense beauty and prolific productiveness. This is the largest white ever introduced. The blooms are banks, trellises, arbors, etc., and are even more prolific in bloom than the dwarf flowering sorts. To obtain the best show of flowers they should not be added to the garden. Pkt. 10c, oz. 15c, 1/4 lb. 30c, lb. $1.00.
**VICTRIX**

*Its Appearance*—It is the handsomest beet we know of, being of a light, pleasing red. The flesh is prettily ringed, making it especially attractive for table use.

*Its Productiveness*—As a yielder it is unsurpassed. The tops are very small; the roots are very uniform in size and shape.

For Market Gardeners it offers many attractions as a money-maker, while its earliness, large size, and attractive appearance render it invaluable for the home garden. Pkt. 5c, oz. 10c, lb. 25c, lb. 60c.

**New Lima Bean,**

*"Willow Leaf."*

This is a new sort with very ornamental foliage resembling the leaf of the common willow. The plants are of compact, rounded form, growing 12 to 15 inches tall, while the white blossoms stand out all over the plant above the foliage, and are succeeded by the bright green pods. These resemble the Bush Lima in form but are larger and are well filled with tender, white, delicious beans, which mature two weeks in advance of Barbee’s Bush Lima. Pkt. 10c, pt. 30c, qt. 50c, pk. $2.50.

**LEMON CUCUMBER,**

*Early Windsor Corn.* The earliest of all sugar corns ever introduced. A most delicious variety that can be grown. Extra early. Testimonials from growers in all parts of America convince us that in this variety we have the earliest, finest flavored all the productive sweet corn that has ever been introduced.
May's Exhibition Brussels Sprouts.

An excellent new variety, very thickly covered with long and very solid broccoli. The plants are semi-dwarf, strong growers, producing more sprouts per plant than other sorts. The sprouts are very firm, hard and of most delicious, melting quality and are ready for use by October 1st or earlier. The plant appears perfectly hardy and is not injured by frost. The many good qualities of this sort recommend it to market gardeners and others who wish a first class vegetable, that is sure to produce a good crop, and is, at the same time, of highest quality. Pkt. 10c, oz. 25c, 1/4 lb. 75c.

You want a choice article, one that comes thoroughly recommended and is sure to please you, buy this variety.

Zenith Cabbage. This is a new red variety of German origin, introduced last season. The color is a fine, deep, purplish red, entirely distinct, and most beautiful. The head is of medium size, and very solid, with but few outer leaves. It is very crisp, tender, mild flavored, and most excellent for cooking. It is a second early variety and is especially valuable for market gardeners, as it grows quickly, more plants can be grown to an acre than of any other variety. Its beautiful appearance should commend it to all large growers, while its peerless quality recommend it to every one who wants a true red cabbage. Pkt. 10c, oz. 50c.

Baseball Cabbage. A new and valuable variety, producing round, solid heads of great hardness and extreme earliness. The plants are extremely dwarf, and, while well furnished with leaves, are so compact that they can be grown 12 inches apart in the row, which are especially desirable for the home garden. The round heads are sold as a baseball, averaging 5 inches in diameter, weighing from 2 1/2 to 3 1/2 pounds each. Pkt. 10c, oz. 35c, 1/4 lb. $1.00.

May's Market Gardener Lettuce.

This remarkable sort was introduced by us several years since and became immensely popular at once on account of its large size, good quality and intense productivity. For market purposes it surpasses all other kinds and once planted is never discarded. Our Market Gardener is a variety that is unusual for size and solidity of head, and shows but little tendency to run to seed. We have had plants time and again of this variety, eighteen inches in diameter, which weighed nearly four pounds, with heads almost as solid as an early summer cabbage, which in general form it somewhat resembles. This variety blanches itself naturally, is crisp, tender and of excellent flavor, and always free from bitterness. The outside color may be described as a clear, deep apple green, while on the inside the color is a yellowish white. Pkt. 10c, oz. 35c, 1/4 lb. 30c, lb. $1.00.

Hallbert's Honey Watermelon.

The flesh of this variety is of a rich yellow color, and in delicious sweetness and rare quality remind one of honey, being, without exception, the sweetest melon we have ever raised. It is among the earliest of watermelons. Possibly our customers have not been familiar with it or have failed to accustom their crops. It is very uniform in size and shape and on account of its rare and peculiar quality, will in time become a favorite with every one. The flesh is of a delicate, rich, honey-like flavor, and the juice most delicious. We recommend it to every one. Pkt. 10c, oz. 35c, 1/4 lb. 30c, lb. 75c.

Australian Yellow Globe Onion.

This new globe shaped yellow onion possesses so many points of exceptional merit that we readily accord it first place among the yellow globe sorts. In fact, it so far surpasses all other yellow kinds that it is only a matter of time when it will be the most universally grown of any. The bulbs are a perfect globe in form, of large size and uniformly thin necked. They average 3 inches in diameter and one half pound in weight. The flesh is very solid, crisp, pure white, and of sweet mild flavor. Its keeping qualities surpass all known sorts, while its handsome appearance will always insure it the highest market price. It ripens very early, producing uniform handsome onions. It is immensely productive, and does very well even in the worst seasons and on the poorest soils. It certainly is a grand onion and one that can be safely planted in any quantity with the assurance of harvesting a full crop every year. Pkt. 10c, oz. 35c, 1/4 lb. 40c, lb. $1.25.
ABUNDANCE CORN.

The most productive, large cored, yellow dent variety ever introduced.

We offer this variety as a novelty last year believing that it possessed unusual merits. The past season's experience proves our belief was not mistaken, for reports from all sections of the country indicate that it is the greatest corn for the North, South, East and West ever placed upon the market.

ITS GROWTH is wonderfully strong and vigorous, the roots penetrating the soil a great distance, rendering it almost drought proof. The stalks grow 7 to 8 feet high and are well set with ears 3½ to 4 feet from the ground.

ITS PRODUCTIVENESS is the marvel of all who have grown it. Where other varieties have 1 to 2 ears to the stalk, Abundance has 2 to 3, only 1 ear to the stalk being a very rare occurrence. The ears are just the right size—10 to 12 inches long, and are well filled to the tip with from 14 to 18 rows of very long, rich, golden yellow kernels. The yield is invariably very large, 200 bushels of shelled corn being no uncommon crop.

ITS APPEARANCE is all that can be desired in any corn. The color is most attractive, the cob small, the kernels long, 70 pounds in the ear invariably making 65 pounds of shelled corn.

IT MATURES in from 90 to 95 days from planting, rendering it early enough for all corn sections. Even in the extreme North, if planted in May, it will mature before September 1st. It is the best corn for all sections that we have ever offered, and we know our farmer friends will thank us for recommending it to them.

Lb. 35c, postpaid; Pk. 50c, Bu. $1.75. Bag (2½ bu.) $4.00.

“NEVER FAIL” COLLECTION

Oats, Scottish Chief. This fine variety has been grown in the Highlands of Scotland, for many years, where yields of 150 bushels per acre are not uncommon. It is a wonderful white, medium height,卜e white and very heavy. It withstands drought remarkably well, and seems to be well fitted for all soils, seasons and conditions. Measured bushels of these oats will weigh from 40 to 42 pounds.

Lb. 25c, postpaid; Pk. 50c, Bu. $1.00. Bag (2½ bu.) $2.25.

Corn, Surecrop. (80 Days.) This is the largest yielder, most productive, extra early, yellow variety in our entire list. It matures its crop in 80 days, which is of special interest to the farmers of the Northwest. The ears (borne two to a stalk) are large, long, 14 to 20 rows. The kernels are extra long, the cob small. The quality of flour ground from this variety is very choice. We recommend it for general planting, as its earliness, productivity (150 bushels to the acre) and quality are the three great essentials to all growers.

Lb. 25c, postpaid; Pk. 50c, Bu. $1.75. Bag (2½ bushels) $4.00.

Netted Gem Potato. This wonderful variety is a new one, fully warranted. It was introduced by us two years ago, quickly jumped into popular favor, and is by far the best variety in existence today.

IT IS WONDERFULLY PROLIFIC. From ¾ acres planted in ordinary good potato soil without fertilizers or any other cultivation we have produced 622 bushels of good size potatoes.

CRIMSON GIANT RADISH.

German grower, differs radically from all other existing sorts. Its roots attain more than double the size of those of other globe varieties, without becoming pithy or hollow. Such good varieties as Non Plus Ultra and Scarlet Globe measure 2 to 3 inches in circumference and weigh 1½ oz.; this past that size they are unfit for use. This new Giant however develops roots 6 to 7 inches around, weighing over an ounce. The buttery white size, firm and plump, pure white and very heavy. It is excellent for forcing and second to none as table radish. Pkt. 15c, 2 pkts. 25c.

MAY'S EXHIBITION LEEK.

This new variety is the most desirable sort ever introduced and should be given a trial by all lovers of this vegetable. It is extremely hardy, of enormous size, the stalk being tender up to a height of 15 inches or more. If you have never grown Leeks you should try this fine sort.

Pkt. 10c, 2 oz. 30c.

SPECIALTIES AND RECENT INTRODUCTIONS
COLORADO BEAUTY WATERMELON.

This can best be described as an improved Kleckley Sweet. It is one of the sweetest, juiciest, finest eating melons ever introduced. They are not the largest melons grown, averaging about 20 lbs. But their quality is far superior to any existing sort, being free from the coarseness so often apparent in the larger melons. The rind is thick and tough enabling it to stand shipping well. Its size is very popular with shippers, while its extraordinary good quality makes it a prime favorite with buyers. In shape it is oblong, slightly lobed, with rather square corners. Inside when fully ripe, a deep red; seeds white, firmly set near the rind. The heart is large, stringless and very sweet. The rind is thin but firm and 1/2 lb. 30c, lb. $1.00. postpaid.

PIERSONI FERN.

This superb novelty is a sport from the well known Boston Fern and is unquestionably the handsomest decorative variety ever introduced, even surpassing the hitherto much vaunted Maiden Hair. It is of the easiest culture imaginable, attains a large size in a short time and at all stages of its growth and development is most handsome. The illustration herewith is from the photograph of a single leaf of frond, although this gives no idea of the grace and beauty of the plant. These fronds are minutely subdivided, each separate planea forming a perfect miniature frond. When fully developed the leaves are 6 inches broad and are so heavy that they curve gracefully downward giving the plant a much handsomer appearance than the old Boston fern. Strong, young plants, 50c each postpaid. Larger plants, $1.00 to 2.00 each. by express.

DWARF CHAMPION PEA.

In offering this novelty of the pea family we feel that we are filling a long wanted demand. This variety has all the merits of the well known and reliable Champion peas of England, with much less vine, larger pods and more of them. It is a hardy, robust, vigorous grower, producing in great abundance handsome, deep green pods of large size well filled with plump round peas of most excellent quality. It ripens shortly after the Little Green and is a most desirable market sort. Pkt. 10c, pt. 35c, qt. 60c, postpaid.

GIANT TREE TOMATO.

This wonderful variety was introduced by us several years ago and immediately sprang into great favor wherever grown. It is not an united novelty, but has stood the test of several years and once planted is never discarded. It is the tomato for the millions; and even for the garden, no matter how small, should not fail to grow. This wonderful tomato. It grows from 10 to 15 feet in height and if planted early will begin to ripen by July 4th and bears large loads of luscious fruit until killed by frost. The flesh is firm and solid, almost seedless, fine grained clear through and of the most delicious flavor ever found in a tomato. It is the largest tomato we have ever seen. The fruit weighs from 16 to 24 ounces and specimens have been grown weighing 5 pounds. One well developed plant will produce enough fruit for a small family the entire season. The original specimens have been in experimentation with this fruit since season crowning his efforts. Owing to its almost seedless nature it has never been cultivated by seed growers and seed is scarce and always will be. A dozen well grown plants, however, will produce as much fruit or more than 100 plants of the common sorts, so that large quantities of the seed will never be required for single gardens. It stands without a peer in the tomato family and challenges the world to produce its equal. We know of no greater words of praise than from one of our best customers in this state, who writes under date of Aug. 10th, as follows: "Your Giant Tree is indeed a "Giant" in every sense of the word. Through an accident I lost all but two of my plants of this variety last spring. These I planted in moderately rich soil, about the 20th of May, beside an old shed some 15 feet high and facing south. The cold, wet rains retarded their growth for a time when they began to grow at an enormous rate. When the intensely hot days of July came they fairly reeled in the heat and by July 10th were up to the caws of the shed. I then began cutting off the side shoots, trimming away great bunches every once or two. July 22nd, I picked the first ripe tomato, which weighed 18 ounces. Since July 24th I have been picking from 15 to 30 each day, large, luscious fellows, which my family of nine cannot possibly eat, and I have given lots to the neighbors. Is there any market in your city for the fruit as we cannot utilize and I hate to see such fine fruit go to waste. October 5th, he adds—Still picking a peck of good Giants each day."}

CULTURAL DIRECTIONS.—Sow seed very early in spring in frames or in boxes in the house. When plants are about 2 inches high transplant to open ground in a deep, rich, well manured soil. Water immediately and continuously throughout the season. Plant in a warm position, where they will get all the sun possible. After they attain a height of five feet cut off the tops so that the strength of growth will go to fruit instead of vines. Train and tie the vines to stout trellis. Pkt. 20c, 3 pks. 30c.

Thos. Laxton Pea. A new, early, wrinkled variety of great merit. Vine about three feet high, much like that of the Gradas, but more hardy and much more productive. Pods large, long, with square ends, similar to but larger, longer and handsomer than those of the Champion of England and as uniformly well filled. The green peas are very large, fine colored and unsurpassed in quality. We are certain that this pea needs only to be known to become one of the most popular sorts for the market and home garden, as it certainly is one of the very best varieties yet produced. It was raised by crossing Gradas with a very early, seedling of the earliest of all. As a first early sort we consider it the best ever introduced and likely to supersede Gradas as it is earlier, harder in constitution, of better color, and if anything, more prolific than that popular sort. Pkt. 10c, pt. 30c, qt. 40c, postpaid. Pkt. 2.00, 50c.

Golden Carmine Pole Bean.

Excels in Earliness, Quality, Appearance and Productiveness. This novel novelty presents so many points of excellence that we are pleased to offer it to our customers knowing that it will give satisfaction in every particular. The pods are fully as large as the Horticultural pole, entirely stringless, of a bright golden color when young; as they develop the pods are mottled and streaked with an unusually bright carmine color on the bright golden, giving them a most attractive appearance when ready for market. It is a very robust grower and is unsurpassed for productiveness. The pods are very brittle and tender and of most excellent flavor when cooked. Pkt. 10c, pt. 40c, qt. 75c, postpaid.
MAY DAY TREE.

This beautiful tree is one of the finest we have ever sent out, and one which will in a measure superecede many existing sorts. It is of sturdy, vigorous growth, forming compact rounded heads, straight, stiff stems, and very uniform, handsome trees at all stages of growth and development. The leaves are of medium size re emblazing the wild cherry and appear among the very first in the spring. The flowers resembling cherry blooms, appear early, usually by May 1st, which gives the tree its name. These are produced in great profusion in the early spring and a second and third crop are produced during the summer. The bright, golden fruit is retained during the winter, which makes it a showy garden plant. It is grand for hedges. It is perfectly hardy in the Middle and Southern states, and most beautiful everywhere. 15c each, $1.50 per doz. postpaid.

THE HARDY LEMON.

(Citrus Trifoliata) As an ornamental flowering plant, few are more desirable. It grows to a height of 10 to 15 feet, is very bushy and thorny, retaining its foliage until late in autumn. The flowers appear in great profusion in the early spring and a second and third crop are produced during the summer. The bright, golden fruit is retained during the winter, which makes it a showy garden plant. It is grand for hedges. It is perfectly hardy in the Middle and Southern states, and most beautiful everywhere. 15c each, $1.50 per doz. postpaid.

DEFIANCE APPLE ORCHARD.

Defies the frigid cold of winter, the scorching heat of summer. Defies the the croakers who claim fruit cannot be grown in the Northwester. Defies the best orchards of the East to produce handsome, nicer, better fruit.

The collection of Northern Grown Iron Clad apples has been selected by us with special reference to its adaptability to the Northern State. All varieties have been thoroughly tested and are known to be of superior merit. They will give a succession of fruit throughout the season, and are bound to succeed and produce an abundance of fruit in a few years, if given ordinary care and attention. Try an acre or one-half an acre and you will never regret it. This collection will plant one acre, placing them 30 feet apart each way.

TO OUR FARMER FRIENDS—Club together and save money by ordering several and we will send them all at the same time. No charge for packing. Pay the freight. We do the rest.

SCOTT’S WINTER APPLE.

A Vermont Seedling, of Great Vigor, Great Hardiness, Great Productiveness and Great Beauty, Suggesting Great Profits for Shrewd Planters.

This remarkable variety is not an untried novelty, but has been grown for several years in many sections of the country and has proven hardy, healthy and productive everywhere. To a constitution as hardy as the native oak, is added vigor of growth, and great productiveness. But the most distinguishing feature of this marvelous fruit is its extremely fine appearance, and its most delicious flavor, surpassing all known varieties in each of these important particulars. It is of medium to large size, of full rounded form, very fine texture, brisk, sub-acid flavor, very dark red color, and a most beautiful fruit at all stages of development. It is the handsomest variety with this size that has ever been seen; this alone should recommend it to all who grow for market, while the hardy nature of the tree commends it for general planting everywhere, East, West, North and South, in the humble garden of the poor or the spacious ground of the millionaire.
ARTICHOKE.

The Artichoke is grown for its flower heads, which are cooked like asparagus. Seed can be sown in hotbeds and transplanted into pots, until danger of frost is past, then transplanted to very rich ground, three feet apart each way, protect in winter, with a slight covering of manure or leaves. The second season they will form heads about July 1st. Once established they will bear for years.

GERMAN ARTICHOKE—The standard variety for garden culture. Pkt. 5c, oz. 20c, 1-lb. $1.00.

ARTICHOKE ROOTS—See page 35.

ASPARAGUS.

One ounce for 50 feet of drill; 4 to 5 pounds to the acre.

Asparagus is one of the fine eating vegetables and would be in universal use were it not for the mistaken idea that it is difficult to grow. It delights in moist, sandy soil but can be grown in any garden by following the instructions given here. A bed 15x30 feet requiring about 100 plants, should give an abundant supply for an ordinary family.

CULTURE—Sow in April or May, in rows one foot apart, and keep clean by frequent hoeing. When two years old transplant into permanent beds, which should be well and deeply manured and trenched to the depth of 5 inches. On the approach of winter, cover with manure and compost; fork the beds early in spring, and apply a dressing of salt at the rate of six hundred pounds to an acre. Cut for use the second year after planting.

BARRS MAMMOTH—Stalks large, frequently an inch in diameter, with few scales; of quick growth, tender and succulent; entirely free from woody fibre. Pkt. 5c, oz. 10c, 1-lb. 25c, lb. 75c.

CONOVER'S COLLARD—A standard sort. Color deep green, somewhat less than others. The shoots are of the largest size, very productive and of the best quality. Pkt. 5c, oz. 10c, 1-lb. 20c, lb. 50c.

COLUMBIA WHITE (AUS.)—Parus white shoots which stay white as long as it is for use, without earthing up or any other artificial blanching, and can be absolutely depended upon to give 80 to 90 per cent of white plants from seed. Pkt. 5c, oz. 10c, 1-lb. 25c, lb. 75c.

PALMETTO—A large dark green sort, of vigorous growth, having pointed tips; comes early. Pkt. 5c, oz. 10c, 1-lb. 20c, lb. 75c.

Brussels Sprouts.

GERMAN—Sparris.

COLUMBIA WHITE MAMMOTH.

Strong one year old roots of any of the above varieties 25 for 50c by mail, $1.00 per 100, $5.00 per 1000 by express at your expense.

PURPLE CAPE—Produces fine heads of a purplish brown color. Pkt. 10c, oz. 35c, 1-lb. $1.25.

WHITE CAPE—Heads more round, size of a cream white color. Pkt. 10c, oz. 35c, 1-lb. $1.25.

DWARF IMP—A standard variety producing compact heads of fine quality. Pkt. 5c, oz. 10c, 1-lb. 20c, lb. $1.50.

DWARF PARIS MARKET—A dwarf sort bearing handsome crops of round, hard sprouts of the first quality. Pkt. 5c, oz. 10c, 1-lb. 20c, lb. $1.50.

BEANS—DWARF OR BUSH.

PRICES QUOTED by the packet, pint or quart include the prepaid postage by us. If wanted by express or freight, deduct 5c per pint, 15c per quart. By express or freight means that purchaser pays the transportation charges.

CULTURE—No crop responds more readily to good soil and cultivation than this. The soil best adapted to beans is a light, rich, well drained loam, which was manured for the previous crop. If too rank manure is used it is apt to make them grow too much to vine. Sow about the first of May, if the ground is perfectly warm; select a warm, dry, sheltered spot; make drills 2 inches deep and 18 inches to feet apart; drop the beans 2 inches apart in the drills, and cover not more than 2 inches deep. Hoe well in dry weather to keep down the weeds every two weeks for a succession.

GOODMAN'S or BOSTON FAVORITE—Wax Pod. (See Cut) Vines large, much branched, erect, forming a large bush; leaves large, crinkled, bright green; pods large, long, flat, usually curved with long curved points, green when young, but at the beans become fit for use are splashed and striped with crimson. Green beans very large splashed with red. This variety is more productive than Dwarf Horticultural and of the same color, but longer and much larger, making them more desirable for market use. The green beans are almost as large as those of the Large Lima. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.50.

EXTRA EARLY REFUGEE—A very early green podded sort, ten days earlier than the old Refuge. Pods nearly round, 5 inches long, beans solid and of fine flavor. Pkt. 5c, pt. 20c, qt. 25c, pk. $1.10, bu. $4.00.
**GREEN PODDED SORTS.**

**STRINGLESS GREEN POD—** (See Cut.) New and desirable. An extra early variety that is certain to give entire satisfaction. Ready for market about two weeks earlier than the old varieties. It is positively stringless and crisp after maturity than any other variety. The pods are of pale green, long and straight; perfectly round and meaty, maturing with the earliest of the green pod varieties. A best new variety, cannot be too highly recommended. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.50, bu. $4.50.

**NEW GIANT STRINGLESS GREEN-POD VALENTINE—** (See Cut.) This should not be confused with the "Old Steed," which is an entirely different variety. It is a distinct new crossed variety, possessing all the merits of the old favorite Round-Pod Valentine, which is one of its parents, and having the following additional points of excellence. It is more prolific, the pods are one-third larger, being five to six inches in length and are absolutely stringless, unusually crisp, round, full, and fleshy; qualities which will highly recommend it to market gardeners. Pkt. 5c, pt. 20c, qt. 45c, pk. $1.50, bu. $4.50.

**BEST OF ALL—** Early and of superior quality. Pods which are splashed with red, are round and fleshy. Pkt. 10c, pt. 25c, qt. 45c, pk. $1.25, bu. $4.25.

**CALIFORNIA WHITE TREE—** Extremely grown for field culture; color white; very productive. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.00, bu. $3.00.

**EARLY MOHAWK—** Extra Early. Pods long, straight, valuable for forcing under glass. Pkt. 5c, pt. 20c, qt. 45c, pk. $1.00, bu. $3.75.

**EXTRA EARLY ROUND POD VALENTINE—** Usually ready to pick 35 days after planting. Pods round, thick, fleshy, and of finest quality. Pkt. 5c, pt. 20c, qt. 45c, pk. $1.00, bu. $3.75.

**HORNET—** Pods medium length, fine for snaps or shell. Late and productive. Pkt. 5c, pt. 20c, qt. 45c, pk. $1.25, bu. $4.25.

**LONFELLOW—** Pods long, perfectly straight and round, very tender, remarkably early. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.00, bu. $3.00.

**JONES STRINGLESS WAX PODDING—** (See Cut.) A new white-seeded variety with round stringless pods of unsurpassed beauty and quality. It is very hardy, wonderfully productive, and not liable to rust. Pods uniformly handsome, round, fleshy and well filled. Matured beans are white, and if, for any reason, the crop cannot be sold as green snap beans, they can be sold as green shelled or let mature and sell as dry beans. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.75, bu. $6.00.

**DAVIS' KIDNEY WAX—** Something that American bean growers have wanted for years. Wax-podded bean with white seed. It is of strong growth and wonderfully prolific, holding its long, straight pods well above the ground. The pods are of a clear wax yellow color, are more conspicuous than the foliage itself when the bush is in full bearing. Seeds of the kidney shape, pure white, with no dark eye whatever. Pods plumy, firm and entirely rust-proof. Used as a snap short; also a shelled bean adapted to home or market. Also excellent for canning purposes. Very early and productive. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.75, bu. $6.00.

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**GREEN PODDED SORTS.**

**Refugee Giant Stringless.**

**Valentine Giant Stringless.**

**Refugee or 1000 to 1.**

**Refugee Wax.**

**Valentine Wax.**
GROWN IN THE GOLDEN GRAIN BELT OF THE WORLD

Prices quoted by the packet, pint or quart include the prepaid postage. If wanted by express or freight with other seed, deduct 50c per pint, 10c per quart, to cover additional charges.

WAX PODDED SORTS.

CRYSTAL WHITE WAX—See Cut.) Valuable either for snaps or pickles. The pods are large, of a spreading habit and very productive, having numerous runners, usually producing pods in pairs throughout their entire length. The flowers are rather small, of a yellowish white shade, pods greanish white, rather short, curved and quite thick. Pkt. 5c, qt. .45c, fl. 1.25, bu. 3.75.

BLACK WAX, CURRIE’S RUST PROOF—Largcr. Flat pods, very early. Pkt. 5c, pt. 20c, qt. 35c, pk. .50, bu. 2.50.

DEETROIT WAX—Very much like Golden Waxy, pods flat, thick. Pkt. 5c, pt. 20c, qt. 35c, pk. .50, bu. 2.50.

GOLDEN WAX, RUST PROOF—Pods long, broad, flat, golden yellow. Pkt. 5c, pt. 20c, qt. 35c, pk. .50, bu. 2.50.

CRISTAL WHITE.

DWARF OR BUSH LIMA.

BURPEE’S BUSH LIMA—(See Cut.) A dwarf form of the true large White Lima. The bushes grow from 18 to 20 inches high, upright, sprightly, often forming a compact, bushy plant, bearing large pods well filled with large, delicious beans, similar in size to the well known large pole limas. An enormous cropper. Pkt. 5c, pt. 20c, qt. 35c, pk. 1.75.

CURRIE’S EARLY—Produced by early and prolific. The beans grow close together in the pods producing 3 to 4 and sometimes 5 in a pod, and are thick, sweet and delicious. Pkt. 5c, pt. 20c, qt. 35c, qt. 45c, pk. 1.75.

HENDERSON’S—Grows without the aid of poles, in compact bush form, about 18 inches high, very early and productive. Pkt. 10c, pt. 25c, qt. 45c.

YELLOW LEAF—For illustration and description see list of specialties.

POLE OR CLIMBING SORTS.

Q OF THE GARDEN LIMA—(See Cut.) Undoubtedly this is more extensively grown than any other bean of its class. It is a heavy yielder on all kinds of soil, and is of excellent quality. The pods are of enormous size, measuring eight or nine inches in length, and containing as many as eight or nine beans. Pkt. 10c, pt. 25c, qt. 45c, pk. 1.75.

M ASSIVE LIMA—The pods are much thicker than those of the other limas and contain from 10 to 15 beans, which are large, thick, white, and of the best quality. Pkt. 10c, pt. 25c, qt. 45c, pk. 1.75.

BURPEE’S LIMA—Pods short, broad and straight. Pkt. 5c, pt. 20c, qt. 35c, pk. .50, bu. 2.50.

MAMMOTH LIMA—Pods produced in clusters averaging 8 to 10 inches in length, containing 17 beans of excellent quality, both green or dry. Pkt. 10c, pt. 25c, qt. 45c, pk. 1.75.

WHITE LIMA—Considered the most tender and delicious of the bean family. Pkt. 10c, pt. 25c, qt. 45c, pk. 1.75.

SHAY LIMA—Pods large and numerous, having from 4 to 5 beans in each. Pkt. 10c, pt. 25c, qt. 45c, pk. 1.75.

75’S CHAMPION LIMA—The pods are large, vines vigorous in growth and exceedingly productive. Pkt. 10c, pt. 25c, qt. 45c, pk. 2.50.

BERT’S EARLY LIMA—A very early and prolific strain of the Large Lima. Pods of medium size, well filled with large, thick beans, which are extremely tender and fine in flavor. Pkt. 10c, pt. 25c, qt. 45c, pk. 1.75.

BLACK WAX—Pods large, yellow, produced in bunches. Pkt. 5c, pt. 20c, qt. 35c, pk. .50, bu. 2.50.

GREENSHANK WHITE—Long, round, stringless pods; fleshy and tender. Pkt. 5c, pt. 20c, qt. 35c, pk. .50, bu. 2.50.

CLAYTON WAX, FOR PRRN HILL—Used for planting among other beans. A good variety of white shade, splashed with red. Pkt. 5c, pt. 25c, qt. 25c, pk. 1.50.

DUTCH CASE KNIFE—Pods long, green and flat, excellent as snap, cut young or shelled. Pkt. 5c, pt. 25c, qt. 45c, pk. 1.50.

HORTICULTURAL OR WREN’S EGG—Pods broad, pale green streaked with red. Pkt. 10c, pt. 25c, qt. 45c, pk. 1.50.

LAWYER WAX—Pods are wonderfully broad, thick and above all entirely stringless. Rather flatish, oval shape, and when fully grown are from four to six inches long, exceedingly rich, buttery and fine flavored when cooked. They are hardy, an early grower and most productive. For an early and late snap sort, also as a dry shell or winter bean it is unsurpassed, and such is the peculiar taste and pleasing flavor of this bean that we have known persons who would not eat other varieties of string beans after tasting Lawyer Wax. Pkt. 10c, pt. 25c, qt. 45c, pk. 1.50.

SCARLET RUNNER—Cultivated both for its beautiful scarlet blossoms and for table use. Pkt. 5c, pt. 25c, qt. 45c, pk. 1.50.

GOLDEN CLUSTER—(See Cut.) The Everlasting Pole Bean. A magnificent variety that bears continuously throughout the entire season, it grows rapidly, bearing very early clusters of three to six pods of rich golden color. Pods average about 6 inches in length, exceedingly tender and entirely stringless, retaining their plumpness and tenderness long after they have attained a large size, and continue to bear if the pods are picked. It is very common to thing 1-2 to 3-4 of a bushel from a single vine at one picking, and its enormous yield recommends it to every one. Few, if any of the varieties of late introduction are so popular as the Golden Cluster. Pkt. 10c, pt. 25c, qt. 45c, pk. 2.00.
**BEETS.**

**Swedish—Robetin. Spanish—Beterraga.**

**CULTURE—**Sow as early in the spring as the ground can be worked and of seed after for a succession, up to the first week in July. The soil should be a light sandy soil enriched with stable manures, ploved as harrowed until very fine. For general crop so about the middle of May. Sow in drills of foot to fifteen inches apart, and when well from four to six inches. The young be pulled out of the rows are excellent used for spinach. The Sugar and Mangal Wurzel varieties should be sown from April to June, drills two feet apart, and afterwards thinned out to one foot apart in the rows.

**ELECTRIC**—(Sec. cut.) Almost round, leave small set close to the centre; tap root same combining the maximum of edible bulb with a minimum of root and foliage. The color is very dark rich crimson, with rings of a light hue. It is extremely early, coming in with Extra Early Egyptian. The flesh is rich and sugar. Pkt. 5c. oz. 1-4 lb. 20c. lb. 65c.

**LIGHTNING**—(Sec. cut.) The King of Early Beets. Absolutely earliest variety ever introduced. The roots are of fine turnip shape, slightly sweet, but very good color, and desirable sort for forcing, for market or private use. Pkt. 5c. oz. 1-4 lb. 20c. lb. 65c.

**STINSON'S DARK BLOOD—**Rots grow to a good size, with very little top foliage, averaging two and one-half inches in length, smooth, regular in form. Flesh tender and sweet. Pkt. sc. oz. 1-4 lb. 25c. lb. 75c.

**Stressing the Great Value of Mangels For Stock Feeding.**

The value of these for stock raising cannot be overestimated, analysis having demonstrated the fact that 400 pounds of Mangels are equivalent to 100 pounds of the best hay. During the past year crops of 1,500 to 2,000 bushels on one acre were raised in the State of Minnesota from seed obtained from us. They are as heavy yenders as Mangels, but contain a much larger percentage of sugar matter. Sow 12 to 15 pounds to the acre. Many seedsmen claim 4 to 6 pounds. In our experience we find the latter to be incorrect.

**Sugar Beets--For Sugar Making.**

**VILOORN'S IMPROVED—**A heavy yender on all kinds of soil of the same general shape of our Improved Kleinwanzleber Pkt. 5c. oz. 1-4 lb. 20c. lb. 35c.

**IMPROVED KLEINWANZLEBENER—**This is a large growing variety that is highly recommended in the Sugar Beet sections. It has a conical shaped root, large at the top and tapering almost point at the lower end. About 15 per cent of sugar can be taken from this sort with ordinary field culture. Pkt. 5c. oz. 1-4 lb. 20c. lb. 35c.

**SWISS CHARD—WHITE—**Pkt. sc. oz. 1-4 lb. 40c. 15c. lb.

**WHITE FRENCH—**One that is grown in many parts of France in preference to any other variety. It gives as large a per cent sugar as the Improved Kleinwanzleber. Pkt. 5c. oz. 1-4 lb. 15c, 1-4 lb. 20c. lb. 35c.

**SUGAR MAKING.**

**Giant Feeding or Half Sugar, Mangels—**This unites the large size of the mangel with the greater feeding value of the sugar beet. The roots are always regular and uniform, broad at the top with a full and only slightly tapering shoulder. They measure five to six inches in diameter at broadest part, which is very near the top. The roots slope gradually, the length averaging two to twelve inches and the outline is that of a broad thick wedge. This smooth wedge-like form is of great advantage in harvesting, as the roots can be pulled easily. The upper portion is of a soft, bright pink coloring, shading lighter toward the roots, where the lower portion for about one-third the length is white. We are certain that every one who plants this variety and grows it with care will be much pleased with the crop. Every Farmer should try it. Pkt. 5c. oz. 1-4 lb. 15c. lb. 35c.

**Note.** We can supply any of the above varieties of Sugar Beet by express or freight, 5 lb. lots 25c per lb., 10 lb. 15c.

**AT PRICES quoted on beet seed, we pay the postage. If seed is to be sent by express at purchaser's expense deduct 15c per pound.**

**Sow one ounce to 50 feet of drills, 5 to 6 pounds to the acre in drills.**
MANGELS FOR STOCK FEEDING.

Prices quoted on this page include the preparation of postage by us. If wanted by
prop or freight at purchaser's expense deduct 10 cents per pound. Sow 12 to
lots, to the acre.

GOLDEN.—(See Cut.) This is an entirely distinct type of Mangel, of recent intro-
duction, and highly prized wherever introduced. In England it is largely grown by
dairymen and sheep raisers, the former prize it not only for its great yield, but for its rich character
in milk it produces, while the latter claim sheep fed on it thrive better and appear
much finer condition. Its wonderful yield and popularity in the old country fully recommends it to every stock grower in America, and from our experience with
it we have no hesitation in saying that it will prove very valuable to all dairymen. Flesh is a light yellow and fine
ed. Pkt. 5c. oz. 10c. 1-lb. 20c. lb. 35c. By express or freight, 10 lb. lots 35c per lb.

WARMOTH LONG RED.—(See Cut.) This is the finest strain of the Long Red ever
offered. The mangels raised from our selected seed are remarkable for their immense size
(weighing 20 to 30 pounds each) and freedom from the coarse grain found in other large varieties. If you want a crop of fine mangels that will be a great benefit to
stock raisers, increasing the flow of milk and fattening them, you can find nothing that will beat our
mangels. Pkt. 5c. oz. 10c. 1-lb. 15c. lb. 25c. By express or freight, 10 lb. lots, 20c per lb.

TANKARD—Pleas, a rich golden, and of great milk producing qualities. Pkt.
5c. oz. 10c. 1-lb. 15c. lb. 25c. By express or freight, 10 lb. lots, 35c per lb.

GLOBE.—(See Cut.) This is the largest strain of the Globe, and raises the very
best cabbages for the purpose of stock feeding. Pkt. 5c. oz. 10c. 1-lb. 15c. lb. 25c. By express or freight, 10 lb. lots, 35c per lb.

LOW INTERMEDIATE—Root oval, intermediate between the long and globe varieties;
bold, nearly white, zoned with yellow; hardy, vigorous and productive. Pkt. 5c.
5c. oz. 10c. 1-lb. 15c. lb. 25c. By express or freight, 10 lb. lots, 25c per lb.

YELLOw Globe.—Its shape and yield makes it one of the best varieties that
has been raised, being easily harvested. Pkt. 5c. oz. 10c. 1-lb. 15c. lb. 25c. By express or freight, 10 lb. lots, 20c per lb.


We take special pleasure in recommending our strains of cabbage to our patrons. Exer-
cise, as we do, the utmost care in the growth and selection of our seed stocks, we know
the cabbage seed which we offer is unsurpassed in quality. We do not offer two strains
of variety, as we deem the Best none too good for those who kindly favor us with
orders.

CABBAGE.—Will thrive on any good corn land, though the stronger the soil the better
will develop. New land is preferable. Flow deep and manure very liberally. The
y sorts bear planting from eighteen inches to two feet apart in the rows, from two to
and one-half feet apart in the rows, with rows from two and one-half to four feet apart, the distance varying with
the variety. The cabbage will not usually bolt or turnip, and is easily harvested, without
complications such as are sometimes encountered in the field. The root is fed to stock
and the head is preserved for winter. The young roots are pulled when about one inch
in diameter, and are feeding root; the large roots are eaten as salad. The heads are
harvested in the fall, and should be allowed to age and ripen on the bush for a short
while before being pulled. They are then stored in the cellar, where they will keep
for a long time. The heads are then cut, washed, and packed for market. The leaves
are used as a substitute for kale in winter. The best varieties are the Earliest, the
Earliest. In addition to the above varieties, we offer the following:

MINNESOTA EARLIEST.—(See Cut.) A conical shaped, hard headed,
extra early cabbage that never fails to give satisfaction. Well introduced
this splendid variety in 1891, and it at once took the lead among the
large growers who desired an extra early cabbage for the markets.

One of the largest growers of cabbages near St. Paul stated that for two
seasons past he had been the first to bring cabbage to the market, and
they always brought a very high price, and that he owed it all to our
MINNESOTA EARLIEST. We have tested all the extra early cabbages
offered the past few seasons and know that none can surpass our
Surprise and Minnesota Earliest. It will produce good sized marketable heads—seventy
days from sowing of the seed.

Pkt. 10c. oz. 25c. 1-lb. 75c. lb. 5.75c.
NORTHERN GROWN PURE CABBAGE SEED.

EARLY POINTED HEADS.

EARLY SURPRISE—A large extra early, small French sort, heads pointed. Pkt. 5c, oz. 15c; lb. $1.50. Express—Heads small, of fine quality. Pkt. 5c, oz. 15c; lb. $1.50.

EARLY DUM AY'S HALLI—A hybrid, very popular, early variety; heads solid, pyramidal in shape, with little outside foliage. Pkt. 5c, oz. 15c; lb. $2.25.

EARLY LATE YORK—A large, pointed, rather loose variety. Heads large, not so pointed. Pkt. 5c, oz. 15c; lb. $2.50.

EARLY FLAT HEADS.

EARLY SURPRISE—solid, a few days later than Wakefield. Pkt. 5c, oz. 25c; 1/4 lb. 75c, lb. $2.50.

WINNING'S DOUBLE—sure heading, keeps better than most early sorts. Pkt. 5c, oz. 15c; lb. $1.50.

EARLY DWARF YORK—Pkt. 5c, oz. 15c; 1/4 lb. 50c, lb. $1.50.

EARLY LATE YORK—Pkt. 5c, oz. 15c; 1/4 lb. 50c, lb. $1.50.

EARLY SPRING CABBAGE—(See Cut.) An early, early flat-headed variety coming in with the Wakefield and yielding a third more than any of the extra early sorts. Has only four or five outside leaves, so that it may be planted 21 inches apart, about 14,000 to the acre. It is wonderfully uniform in shape and almost entirely edible, very finely grained and has the peculiar heading firmly at an early stage in its growth. Pkt. 5c, oz. 25c; 1/4 lb. 1.00, lb. $3.50.

GARDEN GLORY—(See Cut.) This is another novelty of great promise, introduced for the first time last season. It is an extra early, large, solid white cabbage. It forms large, round, ball-shaped heads while ready for the market about the same time as Early Flat Dutch. The heads are pale green, very solid, making it particularly attractive for market purposes. Pkt. 5c, oz. 15c; 1/4 lb. 75c, lb. $1.50.

ALL HEADS—Heads flat, hard, well folded, deep through, very uniform. Pkt. 5c, oz. 25c; 1/4 lb. 75c, lb. $2.50.

DEEP HEADS—Heads large, almost round, very solid. Pkt. 5c, oz. 20c; 1/4 lb. 60c, lb. $2.50.

EARLY DWARF FLAT DUTCH. Pkt. 5c, oz. 15c; 1/4 lb. 50c, lb. $1.50.

EARLY DRUMHEAD—Pkt. 5c, oz. 15c; 1/4 lb. 45c, lb. $1.50.

EARLY SURPRISE—Pkt. 5c, oz. 15c; 1/4 lb. 45c, lb. $1.50.

EARLY BASE BALL—For illustration and description see list of specialties.
THE TRUE DANVERS.

Small to medium-sized, necks small, roots tapering slightly, but uniformly stump rooted and smooth. One criticism is tender. Color deep orange red. Although a medium early sort, it furnishes roots of usable size as early as any, a heavy cropper and is undoubtedly one of the best for both the market and private gardens, while its great productiveness makes it very desirable as a field, fall, and winter crop.

Pkt. sz. oz. 1-4 lb. 20c, 25c. lb. 50c.

SARANTAN—A good early half-long stump rooted sort, flesh red, discard, suitable for forcing. Pkt. sz. oz. 1-4 lb. 15c, 20c. lb. 50c.

GUIRANDE OR OXHEART—A desirable variety on soil too hard and stiff for the longer growing sorts, as it is not over 5 or 6 inches long. Pkt. sz. oz. 1-4 lb. 25c, 30c. lb. 75c.

HALF LONG SCARLET NANTES—Skin smooth. Stump rooted. Pkt. sz. oz. 1-4 lb. 20c, 25c. lb. 50c.

INTERESTING—Roots smooth, regular, averaging 10 inches long. Pkt. sz. oz. 1-4 lb. 15c, 20c. lb. 50c.

LONG ORANGE—Large, a fine keeper. Pkt. sz. oz. 1-4 lb. 20c, 25c. lb. 50c.

STOCK FEEDING CARROTS.

Sow from 3 to 4 pounds to the acre. Excellent feed for stock and extensively grown for this purpose. Horses relish and fatten on them and keep in healthier condition.

One of the largest raisers of thoroughbred stock in the West says: "I consider carrots indispensible, and no one who raises cattle can afford to be without them."

CULTURE—For field culture, seed should be sown in drills 3 to 5½ feet apart, so as to cultivate by hoes. They succeed best in a good light soil, well enriched by manure. The seed should be covered about one inch deep, and be sure and see that the soil is well firmed above the seed.

VICTORIA—(See Cut.) Considered the largest, and unquestionably the heaviest cropping and most nutritious stock feeding carrot in cultivation. The roots are remarkably firm, of light orange color, symmetrical and of excellent quality, possessing high feeding qualities. It is especially adapted to rich land, although a heavy cropper on all soils. Its roots grow partly out of the ground and will produce ball again as much weight per acre as ordinary varieties. Pkt. sz. oz. 1-4 lb. 20c, 25c. lb. 60c. By express or freight in 5 lbs. or over 45c per lb.

MADISON—A vast improvement on the White and Yellow Belgian sorts, which have been favorites in the past, as it is not only much more productive but vastly easier to handle. The flesh is white, crisp, solid and very sweet in flavor. The roots are heavy and very heavy at the top, making them easy to harvest. Too much can scarcely be said of their size and productiveness. The roots frequently measure 15 to 20 inches, yielding from 20 to 15 tons to the acre. Pkt. sz. oz. 1-4 lb. 20c, 25c. lb. 60c. By express or freight in 5 lbs. or over 45c per lb.

BELGIAN LARGE WHITE—Root large; white; grows one-third above ground. Pkt. sz. oz. 1-4 lb. 15c, 20c. lb. 60c. By express or freight, 5 lbs. or over 35c per lb.

VOSGES LARGE WHITE—Particularly adapted for shallow soils. Pkt. sz. oz. 1-4 lb. 20c, 25c. lb. 60c. By express or freight, 5 lbs. or over 35c per lb.

HOLSTEIN MAMMOTH WHITE—One of the heaviest yielding carrots we have ever seen. The color is white; flesh yellow. The roots often measuring two feet in length; one of the most profitable sorts that can be grown. Pkt. sz. oz. 1-4 lb. 20c, 25c. lb. 60c. By express or freight, 5 lbs. or over 45c per lb.

YELLOW GIANT—The great stock feeding variety, is the largest and heaviest cropping sort that can be grown and will produce the heaviest crops. The color is a rich orange, roots grow from 20 to 25 inches in length, partly above ground, and is of the best keeping qualities. Pkt. sz. oz. 1-4 lb. 20c, 25c. lb. 70c. By express or freight, 5 lbs. or over 35c per lb.
CAULIFLOWER.

At prices quoted on this page we prepay postage. If wanted by express or freight deduct 10 cents per pound. By express or freight always means purchaser pays transportation charges.

At once will produce 1,000 plants.

CULTURE—For spring and summer sow in late February, March or early April, in hotbeds, transplanting to cold frames when of a sufficient size, then to the open garden. The soil should be rich, though a light soil will not hurt them. The soil should be richer than for cabbage. Person insect powder will keep free from worms. Bow and treat as for cabbage. By giving a liberal supply of water and nutrient to maturing in early summer or late fall, the heads will be much improved. It also is well to cover the heads with the leaves to insure their whiteness. Cut while the curd is hard, to keep from being bitter. The season may be drawn in September the same as cabbage, and wintered over in the same manner.

EXTRA EARLY DANISH—(See Cut.)—The Earliest Sure Heading Cauliflower ever offered. A variety no gardener can afford to be without. We offer this year the finest variety of a sure Heading Early Cauliflower that has ever been introduced to the gardeners of America and we challenge anyone to produce a variety that will surpass it in habit of growth, earliness and production. This is a dwarf variety. It can be raised in hotbeds and for sale and shown up under the most adverse circumstances when other varieties fail entirely. As may be seen by the name it is a European variety and we have procured our seed direct from one of the largest and most reliable growers in that part of the world, where Cauliflower reaches the highest state of perfection. It is of dwarf, compact habit and valuable for either forcing or setting out as early as possible. The heads are small and a white. We have paid a high price for our seed and believe it is worth all we ask for it.

ALGHERS LARGE LATE—Popular with market gardeners. Pkt. 10c, oz. 50c.

AUTUMN GIANT—Vigorous growth. Very large heads. Pkt. 10c, oz. $1.00.

ERFURT EXTRA EARLY—(Selected Forcing) Dwarf, compact; stem short, leaves small. Pkt. 25c, 1 oz. $1.50.

EARLY LONDON—A standard early variety. Pkt. 5c, 1-2 oz. 40c, oz. 75c.

EARLY SNOWBALL—(Forcing). (Selected Stock.) Grown both for forcing or winter use. Also for late summer and fall crops. The plants are compact, heads of very good quality. The season claim it is by far the best variety for marketing owing to the fact that it may be planted very close together and thus save a large amount of ground space. We offer a carefully selected strain of this variety. Pkt. 20c, 1-2 oz. $1.75. oz. $3.00.

SNOW STORM—Valuable for forcing or growing in the open ground. Pkt. 25c, 1-2 oz. $2.00.

SOME CHOICE CELERIES.

CULTURE—Sow this slowly germinating seed in a shallow box or in straight rows in a finely prepared bed. See that the seeds are kept almost wet and only lightly covered until they germinate. Thin and transplant when about two inches high, so that when about four inches high the tops may be cut off, the plants standing about three inches apart. By cutting it makes the plants grow stocky. A good soil and plenty of water are essential to success. Set out about the middle of June or July, but good plants may be had by setting out as late as August. In setting, prepare broad shallow trenches or open grooves five or six feet apart, in which the plants should be set 6 inches apart, cutting off the outer leaves and pressing the soil firmly about the roots. Each up a little drooping shoots to keep the leaf stocks near together, so that the soil cannot get between them. Finish earthing up in the autumn, and as the weather remains warm during the winter the plants are moistened with dew. To preserve celery for winter, dig trenches a foot in width and as deep as the top of the plants. Stand the celery in these, erect as they grow, with what dirt adheres to the roots, packing closely, but not graweling. After the trench is filled it should be covered with straw or leaves as a protection from the frost. Do not cover until the worst danger of frost is past and then only a little at a time as the cold becomes greater. Celery will bear a good deal of frost. The trench must have good drainage.

EUREKA—(See Cut.) Dwarf, compact growth, producing most beautiful stocks which retain their tenderness and crispness for a very long period. A perfect self-blanching variety. The outer leaves are cream tinted green, the stalks and inner leaves creamy white; ribs crisp a tender. Pkt. 10c, oz. 20c, 1-4 lb. 60c, lb. $2.00.

GOLDEN SELDEN—(See Cut.)-This is the best celery for early use. Critical gardener depend upon our stock of this sort to produce their finest early celery. Plants of a yellowish green color, much to their advantage in the work of blanching much easier. The handsome color to their advantage in the work of blanching much easier. The handsome color, its beauty and its tenderness is preserved, the flavor is very distinct. Pkt. 25c, oz. 50c, 1-4 lb. 1.00, lb. $4.00.

AMERICAN WHITE SOLID—Of large size; pure white. Pkt. 25c, oz. 50c, 1-4 lb. 1.40.

CRAWFORD'S HALF DWARF—Solid, white, cut like a beet. Pkt. 25c, oz. 50c, 1-4 lb. 1.40.

BYAN'S TRIUMPH—A solid green sort of excellent flavor. Pkt. 25c, oz. 50c, 1-4 lb. 1.40.

GIANT PASCAL OR WINTER KING—A good keeper. Pkt. 25c, oz. 50c, 1-4 lb. 1.40.

Celtus or Turnip Rooted Celery.

CULTURE—Sow as same as celery. Transplant in rows two feet apart and nine inches in the row. The roots may be cooked or used as a salad.

APPLE—Of very regular shape, with fine neck and small leaves. It may be planted thickly and will yield a heavy crop. Pkt. 50c, oz. 20c, 1-4 lb. 1.00.

LARGE ERFURT—The root, which is turnip shaped, is cooked or sliced and used either raw or cooked. Pkt. 50c, oz. 20c, 1-4 lb. 1.00.

LARGE PRAGUE—An improved form of turnip rooted celery, producing large smooth roots which are almost red. Pkt. 50c, oz. 20c, 1-4 lb. 1.00. 
SWEET OR SUGAR CORN.

Prices quoted on Sweet Corn by the packet, pint or quart. Include the prepayment of postage if wanted or freight. Each kind and specialty of Sweet Corn requires two or more rows to produce a good stand. See list of specialties.

MAMMOTH WHITE CORY—Ears larger than the Common Cory, with 2 to 3 to the stalk; twelve rows. Pkt. $1.00, qt. $4.50, pk. $250.

MINNESOTA EARLY—A standard early sort. Pkt. $1.00, qt. $3.50, pk. $3.25.

SHIELD—Stalks five feet high, bearing two good sized ears, from 10 to 12 rowed. Pkt. $1.00, qt. $4.50, pk. $250.

WINDSOR—Extra Early. For illustration and description see list of specialties.

MEDIUM EARLY SORTS.

MAY'S ACME—(See Cut.) This is the very best second early sweet corn we have found, nearly as early as Minnesota, with ears much larger; will come in right after June Market; earlier than Moore's Concord, and much better in quality, and ears larger, generally 12 rows, but sometimes 10 to 14 rows, and 8 to 10 inches long, and remarkably productive. For home use or market; this will be found to be the very best of its season. We sell large quantities of this to canners for seed. Market Men: This is just what you want for second early corn; it cannot fail to please you and your customers. Farmers! This you will find the most profitable corn you can grow to feed; it will produce more bushels of ears than any field corn and fatten your hogs faster and more thoroughly than any other. Try it and be convinced.

Pkt. $1.00, qt. $4.50, pk. $25.00.

KENDLE'S EARLY GIANT—Ears 8 to 10 inches long. Grain pure white, tender and delicious. Pkt. $1.50, qt. $5.00.

HICKOK IMPROVED—Pkt. $1.00, qt. $4.50, pk. $25.00.

TAMMOTH EARLY—Very large, and not very late. Pkt. $1.00, qt. $4.50, pk. $25.00.

BAPITAH—An improved strain, large ears, very large; very productive. Pkt. $1.00, qt. $4.50, pk. $25.00.

OLD COLONY—Ears 8 to 10 inches long, twelve rowed. Pkt. $1.50, qt. $5.00.

PERRY'S HYBRID—Very early and of large size; ripens with Early Minnesota; 12 to 14 rowed. Pkt. $1.00, qt. $4.50.

LATE SORTS.

COUNTRY GENTLEMAN—The ears are of good size, with a small cob, and a deep white kernel, tender and sweet, from 3 to 4 ears to the stalk. Pkt. $1.00, qt. $4.50, pk. $25.00.

STOWELL'S EVERGREEN IMPROVED—Tender and very heavy yielder. Pkt. $1.00, qt. $4.50, pk. $25.00.

ZIG-ZAG EVERGREEN—A very sweet corn, ripening 8 days ahead of Stowell's Evergreen. Pkt. $1.00, qt. $4.50, pk. $25.00.

POP CORN.

Packet 1c, lb. 20c, postpaid. By express or freight, 5 lbs. 25c to 50c. GOLDEN QUEEN—Cobs small, ears large, and the kernels pop to over an inch in diameter. NAPI EDALE—Ears measure over an inch; kernels pure white.

NEW STRIPED—Very distinct and showy.

REDA BEAUTY—Color dark red. TRICK—Aspinulid popping sort. WHITE PEARL—Ears four or five inches long.
CUCUMBERS.


Prices quoted on Cucumbers include the prepaid postage by us, and are wanted by express or freight, in the same manner as the fruit. They are offered at prices varying with the size and quality, as follows: 

<table>
<thead>
<tr>
<th>Size</th>
<th>Pkt. 6 oz. 1-4 lb. 60c. lb. 2.00.</th>
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</thead>
<tbody>
<tr>
<td>Small</td>
<td>Pkt. 1 oz. 20c. 40c. 1.00.</td>
</tr>
<tr>
<td>Medium</td>
<td>Pkt. 2 oz. 50c. 1.25.</td>
</tr>
<tr>
<td>Large</td>
<td>Pkt. 3 oz. 75c. 1.50.</td>
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</tbody>
</table>

The WONDERFUL LEMON CUCUMBER. A distinct sort which is especially desirable for pickling. The vine is hardy, of a strong vigorous growth and fruit is produced in large quantities. The vines are large, and the fruits are of a medium size, with flesh tender and a flavor equal to and much desired for small pickles. The large fruits average 9 to 10 inches in length, and 2 1/2 inches in diameter, with well developed seeds. The vine is equal to or better than the best pickling varieties, it is also excellent for slicing. Pkt. 1 oz. 20c. 1-4 lb. 60c. lb. 2.00.

EARLY PRIZE—(See Cut.) The finest forcing cucumber offered. Extra early, a prolific bearer, a white skin, a large size, and of excellent quality for slicing. Pkt. 1 oz. 20c. 1-4 lb. 60c. lb. 2.00.

MAY'S FAVORITE PICKLING—(See Cut.) The best of all cucumbers for pickling purposes. For years we experimented with all the varieties of different cucumbers recommended for pickling purposes, testing them by the side of our "Favorite," but found none that equalled it either in yield or quality. In form it is solid and rather thin flesh is crisp and exceedingly tender although very firm. Taken all together it is about as near perfection for pickling purposes as a cucumber can be. We heartily recommend it to all our friends who desire a choice pickling cucumber, and know that the best of our patrons purchase it each year with the utmost endorsement in that regard. Pkt. 1 oz. 20c. 1-4 lb. 60c. lb. 2.00.

SIBERIAN—Straight and smooth, five inches long, 1-4 lb. 60c. lb. 1.75.

LIVINGSTON'S EVERGREEN—Very early and very productive. Retail, Pkt. 6 oz. 1-4 lb. 60c. lb. 1.75. This cucumber is produced in uniform size, with skin thin, white flesh and few seeds. Very crisp and tender. A true everbearing variety. Pkt. 5 oz. 20c. 1-4 lb. 60c. lb. 2.00.
**Chicory.**
Extensively used to adulterate coffee. The culture is the same as for carrots. The blanched leaves are used for salad.

**LARGE ROOTED OR COFFEE.** The best kind. Pkt. 5c, oz. 10c.

**Corn Salad.**
German—Stecksalat.
Spanish—Maesea Veleranilla.
French—Chichorée.

**LARGE SEEDED.** Broad leaved. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**Collards.**
**TRUE SOUTHERN OR CREOLE.** Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c, Georgia. Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 75c.

**Cress.**
A well-known pungent salad. Sow thick and cover very slightly, at frequent intervals, to keep up a succession, as it runs to seed.

**WHITE CURLED ENEVIE.**
**BLE CURLED.** Extensively used as a small salad. Pkt. 5c, oz. 10c.

**ENDER.** (See cut.) This is a well-known, hard perennial, Cpk. 10c, oz. 25c, lb. 1.00.

**KOHL RABI.**
German—Kohl Rabi.
Spanish—Colde nabo.
French—Purpure.

**Egg Plant.**
French—Aubergine.
Spanish—Berenjena.

**CULTURE.**—The Egg Plant will thrive very well in any good garden. It succeeds best in a warm, rich, loamy soil, and full exposure to the sun. In hothouse cultivation, transplant two or three times, and keep the plants in a warm, dark place. Sow the seeds 1/2 inch deep in a cold frame. The female flowers are used for market. Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 75c.

**KALE, DWARF GREEN CURLED SCOTH.**
**LARGE CARENTAN.** A most excellent hardy variety. We recommend it as being of very superior quality. Grows to a large size and remains long in fine condition. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**LONDON FLAG.** A large variety twice the size of the ordinary leek and much handsomer. Stems short, bulbs large, of a very mild and agreeable flavor; extra hardy and a fine keeper. Pkt. 5c, oz. 15c, 1-4 lb. 30c, lb. 1.00.

**CHIVES.** These are perennial plants, resembling small onions or garlic in growth. They start to grow very early in the spring, and the small tender leaves are highly esteemed for flavoring many dishes. Pkt. 25c.
LETTUCE.


The most used of all salads, is of easy culture, requires rich, moist soil, and clean cultivation, on which depend its appearance, tenderness an flavor. For early spring use, sow in a seed bed in September or October and protect through the winter in cold frames, or in the South with leaves or litter, or sow in a hotbed in early spring; as soon as the ground can be worked transplant in good, rich ground to rows 15 inches apart and lucr 4 inches between the rows. For a later supply plant every two weeks from the middle of April until July, choosing varieties according to their heat resist ance. Plant in drills 1/2 inch deep, 18 inches apart, and thin to 12 inch apart in the rows.

PRICES QUOTED on lettuce include the prepayment of postage by us. If wanted by express or freight, deduct 10 cents per pound. By express or freight always means purchaser pays by transportation charges. 1 oz. of seed for 2,000 plants.

EARLY CHALLENGE.—(See Cut.) A splendid head variety for hot garden or marketing. As a head lettuce this is one of the finest we have ever seen. The leaves are of a large size, and form immense heads of beautiful apple green in character. It matures quickly, is adapted for shipping purposes, as it retains its bright, fresh appearance longer than almost any other variety, and does not become bitter or tough at all at least with us, and as commonly the ease with many kinds of lettuce. This is a variety that is certain to please any one who desires a head lettuce of the finest quality. Pkt. 10c, 1 oz. 1/4 lb. 30c, lb. $1.00.

MAXIMUM.—(See Cut.) A strong growing and large heading, late summer sort. The plants are of strong, vigorous growth, the large outer leaves covering a circle fully 15 inches across. The leaves are a rich, bright green, new growth and foliage all throughout the large outer leaves. The heads are 8 inches in diameter, and are tightly folded so that the interior portion becomes large-blanched, crisp, tender, with a mild, sweet flavor. Pkt. 10c, 1 oz. 1/4 lb. 40c, lb. $1.50.

SIMMONS EARLY CURLED.—(White Seed.) A standard, early, strong, very tender. Pkt. 5c, 1 oz. 1/4 lb. 25c, lb. $1.00.

WHITE CABBAGE.—(Forecing.) Produces fine, greenish white heads. Pkt. 5c, 1 oz. 1/4 lb. 25c, lb. $1.00.

ALL CREAM.—(See Cut.) Few if any, of the varieties have had such extensive sale as our All Cream since its introduction. All Cream is a most desirable cabbage lettuce; for beauty of foliage, tenderness of flavor it is unsurpassed. The heads are large, rich, creamy colored of the leaves never fails to attract attention. Pkt. 10c, 1 oz. 1/4 lb. 40c, lb. $1.25.

COLE LEAF.—For leafy this is unsurpassed. It is the curly leaved lettuce that we know of, and just the thing for private gardeners who want a splendid forcing variety. It may be used for forcing and is exceedingly sweet and tasty. Pkt. 5c, 1 oz. 1/4 lb. 40c, lb. $1.00.

WONDERFUL.—An all seasons sort. The largest heading lettuce that has ever seen. It has been grown to weigh the pounds to the base and frequently two or three pounds. The head is solid, of bright green color, very tender and crisp, without the slightest trace of bitterness found in most sorts. As an example of its standing proper perfect heads were cut from the same bed for upwards of seven of Pkt. 5c, 1 oz. 1/4 lb. 30c, lb. $1.00.

ALL CREAM.

GERMAN—Lattich.

French—Lettuce.

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MAXIMUM.—(See Cut.) A strong growing and large heading, late summer sort. The plants are of strong, vigorous growth, the large outer leaves covering a circle fully 15 inches across. The leaves are a rich, bright green, new growth and foliage all throughout the large outer leaves. The heads are 8 inches in diameter, and are tightly folded so that the interior portion becomes large-blanched, crisp, tender, with a mild, sweet flavor. Pkt. 10c, 1 oz. 1/4 lb. 40c, lb. $1.50.

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ALL CREAM.—(See Cut.) Few if any, of the varieties have had such extensive sale as our All Cream since its introduction. All Cream is a most desirable cabbage lettuce; for beauty of foliage, tenderness of flavor it is unsurpassed. The heads are large, rich, creamy colored of the leaves never fails to attract attention. Pkt. 10c, 1 oz. 1/4 lb. 40c, lb. $1.25.

COLE LEAF.—For leafy this is unsurpassed. It is the curly leaved lettuce that we know of, and just the thing for private gardeners who want a splendid forcing variety. It may be used for forcing and is exceedingly sweet and tasty. Pkt. 5c, 1 oz. 1/4 lb. 40c, lb. $1.00.

WONDERFUL.—An all seasons sort. The largest heading lettuce that has ever seen. It has been grown to weigh the pounds to the base and frequently two or three pounds. The head is solid, of bright green color, very tender and crisp, without the slightest trace of bitterness found in most sorts. As an example of its standing proper perfect heads were cut from the same bed for upwards of seven of Pkt. 5c, 1 oz. 1/4 lb. 30c, lb. $1.00.

ALL CREAM.
MUSK MELONS.

German—Muskat-Melone. French—Melon Muscadine. Spanish—Melon Musquetell. Swedish Musk Melon. 1 oz. for 60 hills, 2 to 3 lbs. in hills to the acre.

CULTURE: Select a light, sandy, rich soil, and after all danger of frost is over and the ground has become warm and dry, plant in hills 4 to 5 feet apart each way, 6 to 12 seeds to the hill. When up and all danger of insects is past, pull out all but three plants. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting. Ashes, lime, or even road dust is excellent to sift over the young plants when the dew is on to prevent the attack of insects. A few hills for early use may be had by sowing in hotbeds on pieces of sod or in pots. The seeds may also be started out of doors, under hand frames or glasses. The quality of all varieties is largely dependent upon conditions of growth and ripening. Unhealthy vines or unfavorable weather produces fruit of comparatively poor value.

NORFOLK BUTTON.
EFENDER—Orange Flesh. (See Cut.) Fruit medium size, oval in shape, slightly ribbed and netted with gray netting. The flesh is firm, is a rich, deep yellow, darker than that of the Scanger and of higher flavor. The flesh extends to the rind and retains its color and quality quite to the outer shell, which, although thin is very hard and firm, so that one can remove the edible portion with a spoon, leaving a rind no thicker than that of an orange. The vine is very vigorous and productive.

Prices quoted on musk melons include the prepaid postage of payment by us. If wanted by express, deduct 10 cents per pound.

ORPFLK BUTTON—Green Flesh. (See Cut.) Extremely early, very productive. The fruits are large, perfectly round, with a distinct red or "button" growing out from the blossom end, as if the fruit had attempted to make a second growth. The flesh is uniformly sweet and melting. This extra growth is a peculiarity of the earliest penning strain, as well as an indication of best flavor, and is eagerly sought for by buyers. The flesh is uniformly sweet and melting. Pkt. 10c. oz. 20c, 1 lb. 50c, 1 lb. $1.50.

WINTER PINEAPPLE—(See Cut.) Fruits of large size, well shaped, attractive and highly flavored. The flesh is uniformly sweet and melting. Pkt. 10c. oz. 20c, 1 lb. 50c, 1 lb. $2.50.

Green Fleshed Melons.

ACME OR BALTIMORE Market—Oblong, lightly ribbed and netted, rich, deep yellow, uniformly sweet and melting. Price quoted.

BOSTON EXTRA EARLY—Large, showy, uniformly sweet and melting. Pkt. 10c. oz. 20c, 1 lb. 50c, 1 lb. $1.50.

HACKENSACK EXTRA EARLY—Ripes 10 days earlier than the Hackensack. Price quoted.

MONTREAL Market—Nearly round, of average size, uniformly sweet and melting. Pkt. 10c. oz. 20c, 1 lb. 50c, 1 lb. $1.50.

TEXAS CANNON BALL—Round, uniform shape, uniformly sweet and melting. Pkt. 10c. oz. 20c, 1 lb. 50c, 1 lb. $1.50.

Salmon Fleshed Sorts.

ANTALOPE—Long Yellow-Late. Price quoted.

ANTALOPE ROUND YELLOW—Price quoted.

PEMBERTON—Smooth, fine from netting. Price quoted.

MAC UNILLS CREAM—Coconutt shaped, light green netted skin. Price quoted.

NUDE-OR PERSIMION—Nutmeg shape. Price quoted.

ROCKY FORD—Selected from general run of melons. Price quoted.

TIP TOP—Yellow Flesh. A fine round melon; sweet, juicy and delicious. The flesh is firm but not hard, and is edible almost to the rind. The flesh is of vigorous growth and very productive. Melons medium size in general. One of the best yellow fleshed sorts. Pkt. 5c. oz. 10c, 1 lb. 20c, 1 lb. 75c.

Green Island Beauty.


CULTURE: Select a light, sandy, rich soil, and after all danger of frost is over and the ground has become warm and dry, plant in hills 4 to 5 feet apart each way, 6 to 12 seeds to the hill. When up and all danger of insects is past, pull out all but three plants. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting. Ashes, lime, or even road dust is excellent to sift over the young plants when the dew is on to prevent the attack of insects. A few hills for early use may be had by sowing in hotbeds on pieces of sod or in pots. The seeds may also be started out of doors, under hand frames or glasses. The quality of all varieties is largely dependent upon conditions of growth and ripening. Unhealthy vines or unfavorable weather produces fruit of comparatively poor value.

Prices quoted on musk melons include the prepaid postage of payment by us. If wanted by express, deduct 10 cents per pound.

ORFOLK BUTTON—Green Flesh. (See Cut.) Extremely early, very productive. The fruits are large, perfectly round, with a distinct red or "button" growing out from the blossom end, as if the fruit had attempted to make a second growth. The flesh is uniformly sweet and melting. This extra growth is a peculiarity of the earliest penning strain, as well as an indication of best flavor, and is eagerly sought for by buyers. The flesh is uniformly sweet and melting. Pkt. 10c. oz. 20c, 1 lb. 50c, 1 lb. $1.50.

WINTER PINEAPPLE—(See Cut.) Fruits of large size, well shaped, attractive and highly flavored. The flesh is uniformly sweet and melting. Pkt. 10c. oz. 20c, 1 lb. 50c, 1 lb. $2.50.

Green Fleshed Melons.

ACME OR BALTIMORE Market—Oblong, lightly ribbed and netted, rich, deep yellow, uniformly sweet and melting. Price quoted.

BOSTON EXTRA EARLY—Large, showy, uniformly sweet and melting. Pkt. 10c. oz. 20c, 1 lb. 50c, 1 lb. $1.50.

HACKENSACK EXTRA EARLY—Ripes 10 days earlier than the Hackensack. Price quoted.

MONTREAL Market—Nearly round, of average size, uniformly sweet and melting. Pkt. 10c. oz. 20c, 1 lb. 50c, 1 lb. $1.50.

TEXAS CANNON BALL—Round, uniform shape, uniformly sweet and melting. Pkt. 10c. oz. 20c, 1 lb. 50c, 1 lb. $1.50.

Salmon Fleshed Sorts.

ANTALOPE—Long Yellow—Late. Price quoted.

ANTALOPE ROUND YELLOW—Price quoted.

PEMBERTON—Smooth, fine from netting. Price quoted.

MAC UNILLS CREAM—Coconutt shaped, light green netted skin. Price quoted.

NUDE-OR PERSIMION—Nutmeg shape. Price quoted.

ROCKY FORD—Selected from general run of melons. Price quoted.

TIP TOP—Yellow Flesh. A fine round melon; sweet, juicy and delicious. The flesh is firm but not hard, and is edible almost to the rind. The flesh is of vigorous growth and very productive. Melons medium size in general. One of the best yellow fleshed sorts. Pkt. 5c. oz. 10c, 1 lb. 20c, 1 lb. 75c.
MAY'S ICE KING

MAY'S WONDERFUL SUGAR—(See Cut.) This is of southern origin, and excels both in beauty and lusciousness being exceedingly sweet and juicy. The melons attain great weight and size; oblong in shape, the skin showing broad stripes of light and dark green. The flesh is a rose color, richly solid and stringless from rind to core, and of delicious flavor. Pkt. 5c, oz. 1-4 lb. 25c, lb. 75c.

SAFEGUARD—(See Cut.) The earliest large variety ever introduced. Without doubt the best melon for early marketing. For yield and lusciousness combined, no variety we have ever grown is an equal to this one. It is a much better variety for gardeners who grow for the early markets. It is a good melon for shipping to distant markets, as its size and quality will bear a good price. We offer carefully selected strains of this popular variety. Pkt. 5c, oz. 1-4 lb. 25c, lb. 75c.

TRIUMPH GIRARDEAU—A southern variety which has become very popular with shippers. The fruit is uniformly large, round, dark green, uniformly striped with white, and very large. It is a splendid melon. Pkt. 5c, oz. 1-4 lb. 25c, lb. 75c.

DIXIE—A decided popular melon. A cross between the Kohl's Gem and the old reliable Mountain Sweet. It surpasses the Kohl's Gem as a long distance shipping melon, while it fully equals the Mountain Sweet in its excellent flavor, and is ten to twelve days earlier than either. In shape, it is about one inch longer than thick; color dark green and beautiful striped; skin thin, but remarkably hard; flesh a bright scarlet, sweet and very juicy. A very vigorous grower, and exceedingly productive, making it a fine melon for the home market or garden. Pkt. 5c, oz. 1-4 lb. 20c, lb. 60c.

WATER MELONS—These are the same as musk melons, but have the skin less hard and the melons not as large.

HOOSIER KING—(See Cut.) A large oblong sort, with skin dark green, black at the back. The flesh is bright red, rich, very solid, and luscious; the rind is thin but tough, making it an excellent shipping melon. Pkt. 5c, oz. 1-4 lb. 25c, lb. 75c.

KENTUCKY WONDER—Large, oblong; dark green. Pkt. 5c, oz. 1-4 lb. 20c, lb. 60c.

KLECKLEY SWEETS—The vines are strong and vigorous and the melons uniform and quite large; oblong in form, 18 to 20 inches long, 10 to 12 inches in diameter, thin, nearly ripe at the end. The skin is dark green, while the flesh is bright scarlet. Pkt. 5c, oz. 1-4 lb. 20c, lb. 60c.

HOOSIER KING.
Mushrooms.

Culture—The Mushroom is an edible fungus of a white color, changing to brown when old. The gills are loose, of pitch red, changing to liver color. It produces no seed, but instead there is developed a white, fibrous substance in broken threads called spawn, which is developed and preserved in horn manure, pressed in the form of bricks. Thus prepared, it will retain its vitality for years. Mushrooms can be grown in cells, slabs, in hot beds or sometimes in the open air, the great essential being a uniform degree of temperature and moisture. Fermenting horse manure at a temperature of about 70 degrees, mixed with an equal weight of fresh soil loan, is made into beds the size mentioned and 8 to 12 inches deep. See that the bed is packed very solid and even. In this bed plant the broken pieces of spawn 6 inches apart, cover the whole with 2 inches of leaf soil and protect from cold and rain. One brick will plant 8 to 10 square feet of bed. The young plants will appear in about 6 weeks. Water sparingly with Luke warm water.

Prices quoted on this page include the prepayment of postage by us. If wanted by express or freight at purchaser’s expense, deduct to consign per pound.

Mushroom.

GROWN IN THE GOLDEN GRAIN BELT OF THE WORLD

Spanish—Mostaza.

Mustard.

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

Spanish—Moutarde.

STIFFICH PLUME—Plants are of vigorous growth; leaves dark green, curled like parsley; use for garnishing. Pkt. 5c, oz. 10c, lb. 25c, b. 75c.

WHITE OR YELLOW—Pkt. 5c, oz. 10c, lb. 40c.

NASTURTIUM.

Almost—Lies. Pkt. 5c, oz. 10c, lb. 40c.

May’s New Imperial. (See Cut.) The market gardener’s sort. A wonderful variety of German origin introduced by us several years ago, and which at once sprang into popular favor. It appears nearly as large as White Globe or Red Wethersfield. It is one of the handsomest and most profitable onions that can be grown, and certain to become a favorite with the market gardener on account of its uniformity and splendid quality. The color of the skin is a light yellow, flesh solid and fine grained. Yields of from 500 to 1,000 bushels per acre are the frequent experience. We advise everyone who has a garden to try our Imperial this year. Pkt. 10c, oz. 25c, lb. 50c, lb. 2.00.

MUSHROOMS.

Onions, American Grown.

German—Zwiebel.

French—Oignon.

A foot for 100 feet of drill, 5 to 6 lbs. for 1 acre.

CULTURE—For sets sow the seed as early as possible in the spring, very thickly in drills, using 50 to 60 pounds to the acre. As soon as the tops die off in summer remove them from the bed, any plate, and early in the following spring replant them in the sets the old drills 12 inches apart and about 4 inches apart in the drills. Onions of a large size are obtained by this process early in the season, which can also be grown to full size during the first season by sowing chions. It is well to plant them about 1 1/2 inch deep, in March or early in April, in strong land, well manured, and thinning them out to stand 3 or 4 inches apart. They delight in a strong, rich, deep, loamy soil, and succeed well if grown successive years in the same ground. By sowing onion seed in frames in February or March and transplanting in April, onions of immense size can be obtained. For this purpose the varieties Southport Globe (White, Yellow or Red) and Prizetaker are usually preferred.

Okra.

Pkt. 5c, oz. 10c, lb. 40c.

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MUSHROOMS.

Onions, American Grown.

German—Zwiebel.

French—Oignon.
American Sorts.

**AUSTRALIAN YELLOW GLOBE**—For illustration and description, see list of specialties.

**PEERLESS WHITE GLOBE**—(See Cut.) A carefully selected and improved strain of the old variety. By careful selection from year to year we have produced a new strain of the highest, purpest and best type. The bulbs are of uniformly large size, perfect formation, fine grained and of fine texture, enabling it to keep the longest time possible.

In addition to these good qualities it is one of the largest yielders ever grown, and always commands the highest price in the markets; one of the best for home use and one of the most profitable for market gardeners. It is invariably a heavy yielder, many crops from 600 to 1200 bushels per acre being reported. One of the largest single small one in the entire lot, and all the bulbs are large and smooth. They are so firm and hard they look as if they would keep for years.

**MAY'S SELECTED**—(Minnesota Grown.) We confidently recommend our strain of this favorite onion as the very best ever offered the gardeners of America, and believe we are fully justified in making such a recommendation.

Its productive, splendid keeper, attains great size; quality excellent. Pkt. 5c, oz. 15c, lb. 50c, $1.75.

**YELLOW GLOBE DANVERS**—(Minnesota Grown.) Perfect globe shape, heavy cropper, excellent keeper. Attains a large size. Pkt. 5c, oz. 10c, lb. 50c, $1.00.

**YELLOW DANVERS' FLAT**—Medium size; skin coppery yellow, flesh white. Pkt. 5c, oz. 10c, lb. 50c, $1.00.

**YELLOW GLOBE SOUTHPORT**—(Minnesota Grown.) The standard Red Globe productive, splendidkeeper. Attains great size; quality excellent. Pkt. 5c, oz. 10c, lb. 50c, $1.25.

**YELLLOW GLOBE SOUTHPORT**—(Minnesota Grown.) The perfect globe shape, heavy cropper, excellent keeper. Attains a large size. Pkt. 5c, oz. 10c, lb. 50c, $1.00.

**STURGIS OR DUTCH**—A standard sort. Pkt. 5c, oz. 10c, lb. 50c, $1.00.

**ORANGE GLOBE**—True globe shaped; this necked and slightly flattened at the base. Color rich orange yellow. A good keeper. Pkt. 5c, oz. 10c, lb. 50c, $1.00.

**RED WETHERFIELD**—(Minnesota Grown.) We confidently recommend our strain of this favorite onion as the very best ever offered the gardeners of America, and believe we are fully justified in making such a recommendation.

Its productive, splendid keeper, attains great size; quality excellent. Pkt. 5c, oz. 10c, lb. 50c, $1.75.

**RED WINDSOR**—(See Cut.)—The earliest and best red onion for America. The finest, finest, finest variety, and most profitable red variety that can be grown. For some years past we have experimented with all the different varieties of red onions for export purposes, and have come to the conclusion that the Red Windon has proven to be from ten days to two weeks ahead of all the large growers, but in a shape so beautiful and of such wonderful keeping qualities. These will immediately stamp it as the coming red onion for all sections of the country. Every gardener who grows onions should try Red Wonder. Pkt. 10c, oz. 20c, lb. 50c, $1.00.

**RED WINDSOR**—(Minnesota Grown.) Attains great size; quality excellent. Pkt. 5c, oz. 10c, lb. 50c, $1.25.

**RED FLAT, EXTRA EARLY**—Bulbs medium size, very early and mild flavor. Pkt. 5c, oz. 10c, lb. 50c, $1.00.

**WHITE GLOBE SOUTHPORT**—(Minnesota Grown.) Flesh firm, fine grained, of mild flavor and good keeping qualities. Pkt. 5c, oz. 15c, lb. 50c, $1.75.

**WHITE PEARL EXTRA EARLY**—Round, white, fine flavor. Pkt. 5c, oz. 10c, lb. 50c, $1.35.

**WHITE CAPE**—Onions of mild flavor, largely used for growing sets and pickles. Pkt. 5c, oz. 10c, lb. 50c, $1.00.

**WHITE PARIS PICKLING**—Early bunching, pickling or set. The onions are of small size, solid, and of mild flavor. Pkt. 5c, oz. 15c, lb. 50c, $1.00.

Italian Sorts.

**WHITE BARLETTA**—Bulbs small, flattened on top, color waxy white, fine for pickling. Pkt. 5c, oz. 15c, lb. 50c, $1.75.

**BERMUDA RED**—Very early. Pkt. 5c, oz. 20c, lb. 50c, $2.00.

**BERMUDA WHITE**—Pkt. 5c, oz. 20c, lb. 50c, $2.00.

**ROCCA, GIANT YELLOW GLOBE**—Pkt. 5c, oz. 10c, lb. 50c, $1.35.

**ROCCA, GIANT RED**—Pkt. 5c, oz. 10c, lb. 50c, $1.35.

**WHITE MAMMOTH SILVER KING**—This is a mammoth in size and flavor, largest in cultivation. The bulbs are very attractive in form, finely shaped, flattened but thick, with a silvery white skin. The flesh snow white, fine grained, exceedingly mild and pleasant flavored. The hand pickers prefer early. The hand pickers prefer early. Pkt. 5c, oz. 10c, lb. 50c, $1.00.

**WHITE PARIS PICKLING**—For early bunching, pickling or set. The onions are of small size, solid, and of mild flavor. Pkt. 5c, oz. 15c, lb. 50c, $1.00.

**WHITE MAMMOTH SILVER KING**—This is a mammoth in size and flavor, largest in cultivation. The bulbs are very attractive in form, finely shaped, flattened but thick, with a silvery white skin. The flesh snow white, fine grained, exceedingly mild and pleasant flavored. The hand pickers prefer early. The hand pickers prefer early. Pkt. 5c, oz. 10c, lb. 50c, $1.00.

**RED TRIPOLI**—Skin thick, flesh white, of mild flavor. Pkt. 5c, oz. 15c, lb. 50c, $1.50.
ONION. PERFECT PICKLING. MAY’S—(See Cut.) Without doubt the best for pickling purposes. It grows rapidly but remains small and is of the mildest possible flavor, taking the most desirable of all onions for this purpose. The onion is white, slightly rotted and exceedingly handsome, making it valuable for harvesting late in the market. It is free from the tough, coarse flesh so often found in small onions, and is of such a delicate flavor that it can be eaten raw with salt like radishes. Pkt., 10c. 1 lb., 50c. lb., $1.75.

ONION SETS.

Onion sets should be planted out as soon as ground is in condition to work, early in spring. They should be planted in rows one foot apart with sets 3 to 4 inches apart in the row. Notice—Prices by the bag shown are for large size, but prices quoted on pints and quarts will hold good throughout the season, or as long as our stock allows.

WHITE BOTTOM—Produces beautiful white bulbs. Pt., 20c. qt., 50c. pk., $1.00. bu., $3.00.

BELL BOTTOM—Yields bulbs of good size. Pt., 20c. qt., 35c. pk., 85c. bu., $2.50.

GYPTIAN OR PERENNIAL TREE—A perennial, perfectly hardy, thriving up stalks every spring. It produces sets or small bulbs at the top of the stalks, and the root also divides. The sets are planted in fall to produce bunch onions in the spring. Pt., 20c. qt., 35c. pk., 90c. bu., $1.00.

Parsnips.

French—Parsnips, Swedish—Parsnips, German—Parsnips. Spanish—Parsnips.

CULTURE—Parsnips give the best results when grown in a rich, deep, sandy soil, but will make fair progress on any soil which is rich, deep and porous. The fine roots germinate slowly and should be sown early in the spring in drills about 2 feet apart, covering about 1/2 inch deep. They will grow to 4 or 5 inches apart and hoe out in rows about 2 feet apart. Cultivate often to keep down weeds. EALY ROUND FRENCH—The roots are quite broad, but short, and entirely distinct from the larger sorts. Pkt., 5c. 1 oz., 10c. 1 lb., 15c. 1 lb., 40c.

JOLLY CROWN—Roots very productive, oblong, ending somewhat abruptly, with a small tap root. Very smooth, clean skin. Pkt., 5c. oz., 10c. 1 lb., 15c. 1 lb., 40c. 1 lb., 40c.

IMPROVED QUINTREY—Jall long, like the Jolly Crown, but larger. Pkt., 5c. oz., 10c. 1 lb., 15c. 1 lb., 40c. 1 lb., 40c.

PARSNIP, MAGNUM BONUM.

BOTTOM ONION SETS.

CULTURE—A rich, tolerably deep soil is the best for this crop. Soak the seed a few hours in tepid water and sow in the early spring in drills one foot apart. Thin the plants to 3 or 4 inches apart. A single row forms a very good edging for beds or walks. As the seed germinates very slowly, it is best to plant them at the bottom of the furrow where the soil is warmest and the plants will emerge before the plants make their appearance. MAY’S EXTRA CURLY.—(See Cut.) A most desirable free growing variety of medium size, with handsome, bright, pale green leaves that are exceedingly showy. For garnishing and for decorations it surpasses any other variety we have ever grown. Valuable for private gardens for market use. Pkt., 5c. oz., 10c. 1 lb., 15c. 1 lb., 40c. 1 lb., 40c.

CHAMPION MOSS CURLY—Select stock. Leaves are browning overhead and crimped. Pkt., 5c. oz., 10c. 1 lb., 15c. 1 lb., 40c. 1 lb., 40c.

HAMBURG—Edible roots, used for flavoring soups. Pkt., 5c. oz., 10c. 1 lb., 15c. 1 lb., 40c.

MAY’S FERN LEAVED—A most valuable plant, both for table decorations and mixed with ornamental foliage plants, in the flower garden. Pkt., 5c. oz., 12c. 1 lb., 20c. 1 lb., 50c. 1 lb., 50c.

PLAIN OR SINGLE—Dark green. Pkt., 5c. oz., 10c. 1 lb., 15c. 1 lb., 40c.


PEPPERS. Concluded.

TOMATO—(See Cut.) Of tall bush-like growth, three to four feet in height, producing an immense quantity of small, very hot and very fruit one inch in length and 2 inches in circumference. This is the true variety from which the famous sauce is made. Pkt., 5c. oz., 25c. 1 lb., 75c. lb., $2.25.

CHINESE GIANT—This new pepper grows to double the size of the Red Queen, and is scarlet in color. Plants vigorous, stocky and productive. Flesh thick, mild and sweet. Pkt., 10c. oz., 25c. 1 lb., 75c. 1 lb., $2.25.

CHILI PEPPER—Bright red, desirable for pepper sauce. Pkt., 5c. oz., 25c. 1 lb., 60c. 1 lb., $2.00.

LARGE BELL OR BULL NOSE—An old variety of large size. The bell is considered very fine for use in mixed pickles. The flesh is hard, thick and less pungent than most varieties. Color glossy red. Pkt., 5c. oz., 25c. 1 lb., 60c. 1 lb., $2.00.

RED CLUSTER—Grows in clusters, peppers thin, of a brilliant coral color. Pkt., 5c. oz., 25c. 1 lb., 60c. 1 lb., $2.00.

RUBY KING—An exceedingly handsome variety of medium size, often measuring 6 inches in length and 9 inches in circumference. Unlike any other kinds, as the skin is smooth, hard, thick and very mild. Pkt., 5c. oz., 25c. 1 lb., 60c. 1 lb., $2.00.

SWEET MOUNTAIN—Fruit of large size, often measuring 8 to 10 inches in length by 2 or 3 inches in diameter. Smooth, handsome in appearance, flesh solid, thick and very mild. Pkt., 10c. oz., 25c. 1 lb., 60c. 1 lb., $2.00.

PARSNIP, MAGNUM BONUM.
PEAS. Extra Early Varieties. (Hand Picked.)

A quart for 75 feet of drill, 2 to 3 bushels in drills to the acre.

CULTURE—For early peas the soil should be light and warm, but for general crop moderately heavy soil is better. Fresh manure, very rich or wet mucky soil should be avoided, as they cause a rank growth of vine in the cost of the quality of the peas; such soil is often the cause of early sorts maturing unevenly. So as early as possible a few of the earliest varieties on warm quick soil, prepared the fall before. The general crop can be delayed until later, but we have had success from sowing all the varieties comparatively early, depending for success upon selecting sorts that follow each other in ripening. The peas will mature earlier if covered only one inch deep, and where earliness is the most important thing, they may be treated in that way; but large pods and more of them will be produced if the seed is planted in trenches 3 to 6 inches deep, covered with only 1 or 2 inches of soil and when the plants are 5 to 6 inches high, filling the trench level with the surface; this will secure deep rooting, prevent mildew and prolong the bearing season. If the peas are covered to the full depth at first, or if water is allowed to stand in the trenches, they will not only cease to form, but those partially advanced will stop growing.

NORTHWEST PREMIER
(See Cut.) — Ten days earlier than any other pea. The most profitable variety for market gardeners. Give it a trial. Unequaled in yield and unsurpassed in flavor. If you desire a variety of even growth, wonderful yield and the finest flavor, you should not fail to try the Premier. Thousands of large market gardeners prefer it to any other sort for early marketing; this alone is a splendid testimonial. When we first introduced this pea we were determined to perfect it so that it would take the lead of all other early peas. This we have succeeded in doing. It grows to 20 to 30 inches, does not require staking, is an immense cropper. The genuine stock of this variety only can be procured from us. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.25, bu. $4.00.

ALASKA — Early. The vines are of strong, vigorous habit, 2 to 2½ feet in height, bearing from 4 to 7 long pods filled with medium sized peas. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.25, bu. $4.00.

HOTEL—Vines of quick growth, 20 inches in height, bearing heavy crops of fine well filled pods three inches in length. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.25, bu. $4.75.

EARLY KENT—Vines vigorous and hardy, 2 to 2½ feet high, pods bearing 3 to 7 medium sized smooth peas of good quality. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.25, bu. $4.75.

First and best—Very early, matures its crop so well together that sometimes a single picking will secure the entire crop. Vines vigorous and hardy, 2 to 2½ feet high, each containing five to seven smooth peas of good quality. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.25, bu. $4.00.

GRAND—(See Cut.) A selected novelty in peas favorite since 1886. It was first introduced in 1891. The vines are 2 to 2½ feet high, bearing heavy crops of very large, hard peas of good flavor and quality. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.25, bu. $4.75.

MAID S.—A fine first early for market or private use. Vines two feet high, pods large, well filled. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.25, bu. $4.75.

PHILADELPHIA—Vines 2½ to 3½ feet high, producing good sized pods containing from 9 to 10 peas of splendid quality. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.25, bu. $4.75.

THOMAS LAXTON—For illustration and description see list of specialties.

Prices quoted on peas by the packet, pint or quart include the prepayment of postage by us; if wanted by express or freight, deduct 8c per pint 15c per quart. Express or freight always means purchaser pays transportation charges.
GROWN IN THE GOLDEN GRAIN BELT OF THE WORLD

PEAS, Early Dwarf.

AMERICAN WONDER—Early and productive. Vines 10 to 12 inches high, fine quality. Pkt. 5c, pt. 25c, qt. 45c. Pk. $1.75, bu. 6.00.

NOT'S EXCELLENT—(See Cut, Page 26.) Groves 12 inches high; claimed to be the best wrinkled sort ever introduced. The vines are strong in growth, producing pods of large size. Trials in different sections show it can be made to mature in 45 days from time of planting. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.75, bu. $6.00. LITTLE GEM, McLEAN'S—The market gardener's favorite. Grows 15 inches high; pods large, peas of fine flavor. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.75, bu. $6.00.

Medium Late Half Dwarf.

ADVANCER, McLEAN'S—A standard sort. Height of vines 2 feet. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.75, bu. $6.00.

ABUNDANCE—(See Cut.) One of the very best and most satisfactory half dwarf peas, it grows 1.5 to 18 inches high; pods large, containing 6 to 8 wrinkled peas of excellent quality. Now seed thin, as it has a remarkable tendency to branch. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.75, bu. $6.00. DwarF Telephone or Daisy—(See Cut.) The result of many years experimenting, with the view of producing a pea with dwarf vines, bearing large pods and peas of the highest quality. Its habit is dwarf, stocky, healthy and vigorous, the vines under highest cultivation never growing more than 18 inches high. It is very productive, many plants bearing from 5 to 20 pods. The pods vary of large size, 4 to 5 inches long, well filled with large peas of the most delicious flavor. Pkt. 100, pt. 30c, qt. 50c, pk. $2.50. Everbearing—(See Cut.) For main crop or late use, vines 18 inches high, bearing from 6 to 10 pods. The peas are wrinkled, extra large and of the finest quality. Pkt. 5c, pt. 25c, qt. 45c, pk. 10c, bu. 50c.

HORSE'S MARKET GARDENER—On the style of Advance, very productive, height of vine 2 feet. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.75, bu. $6.00.

MAY'S IMPROVED STRATAGEM.

PRIZE OF THE MARKET—Pods very large, vines 2 feet. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.50, bu. $5.00.

STRATAGEM IMPROVED—(See Cut.) An excellent wrinkled pea, with sturdy vine, growing only about two feet high. Most stocks of large podded, semi-dwarf, English varieties of peas have been so wanting in uniformity and evenness of type as to make planting of large number of plants impossible, but by constant effort we have developed a stock of this, the best variety of that class, which comes true, and we do not hesitate to pronounce it one of the best of the large podded sorts. The pods are of immense size and uniformly filled with very large, dark green peas. One of the very best varieties for market gardeners. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.50, bu. $5.00.

MAY'S THUMPER—(See Cut, Page 26.) For use during the middle of the season, this variety should be planted by all gardeners. Height of vine 18 inches, bears heavily. Peas wrinkled, sugary, pods always well filled. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.50, bu. $5.00.

Medium and Late Tall.

BLACK EYE MALLOWFAT—Largely used for canning. Pkt. 5c, pt. 25c, qt. 45c, pk. 75c, bu. $2.75.

CHAMPION OF ENGLAND—A well known standard variety. Vines five feet, sow thinly. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.25, bu. $4.00.

LONG ISLAND MAMMOTH—Very popular with market gardeners, who prize it for its large handsome pods of deep green color. Height of vine three feet. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.25, bu. $5.00.

TALL WHITE TARROWFAT—Height four feet, very productive. Pkt. 5c, pt. 25c, qt. 45c, pk. $2.50, bu. $7.50.

TELEPHONE—(See Cut.) Valuable for general crop and late use. The vines are of vigorous growth, height four feet, averaging from 18 to 20 pods to a stalk. The pods are always of extra large size packed very closely with numerous peas of the most delicious flavor. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.40, bu. $5.00.

Sugar, Edible Poddcd.

This is a favorite class of peas with very tender, edible pods. For table use they are served in the manner of green peas.

DWARF GRAY SUGAR—Of extraordinary yielding qualities. Vines of bushlike growth. Height one-and-half feet, with purplish blossoms. Pods should be picked when young. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.10, bu. $4.00.

TALL GRAY SUGAR—This large variety grows four feet in height. Pods mature later than the preceding much larger in size, and of the same sweet flavor. Vines continue in bearing for a long time. Pkt. 5c, pt. 25c, qt. 45c, pk. $1.10, bu. $4.00.
Pumpkins of All Kinds

Swedish—Pumpa. Spanish—Calabaza. German—Kurbis. French—Courge. Mammoth Tours—Pumpkins may be planted in the middle of spring, along corn or in the field or garden in hills 8 to 10 feet apart each way, four seeds to a hill. In all other respects they are given the same cultivation as melons and cucumbers, but care should be taken not to neglect them near other vines. In growing the French Prize, make the ground as rich as possible and top dress the hill with well rotted manure, and if possible give the plants plenty of water during the dry season. This will assist in the growth greatly.

Prices quoted on Pumpkin Seed include the payment of postage by us. If wanted by express or freight at purchaser’s expense, deduct to this per pound. 1 ounce to 30 or cents.

JAPANESE PICK—(See Cut.) This valuable variety comes to us from Japan. The flesh is very thick, of a rich salmon color, fine grained, dry and sweet, seed cavity small. Of medium size, early, very productive and a good keeper. Valued as a pie or cooking pumpkin. Pkt. 5c. oz. 10c. 1-4 lb. 20c. lb. 65c.

KING OF THE FIELD—(May’s.) This is a greatly improved field variety, which is particularly desirable for stock feeding. It attains a good size, the flesh is fine grained, rich yellow and of splendid quality. It is wonderfully productive, and our selected seed giving about 50 per cent larger yield per acre than any other stock feeding pumpkin we have ever grown. Pkt. 5c. oz. 10c. 1-4 lb. 20c. lb. 65c.

LARGE CHEESE OR KENTUCKY FIELD—(See Cut.) Very productive; fruit flattened; skin mothlight green and yellow, changing to creamy color. Pkt. 5c. oz. 10c. 1-4 lb. 15c. lb. 40c.

MAMMOTH KING—(See Cut.) Fruits grow to enormous size, sometimes reaching 2 feet or more in diameter and from 100 to 200 pounds in weight. Salmon orange skin, very thick bright yellow flesh, which is fine grained and tender and excellent quality for pies. To raise the largest pumpkins, vines should be allowed plenty of room in which to grow and only the best fruit allowed to remain on the vine. Pkt. 5c. oz. 10c. 1-4 lb. 20c. lb. 65c.

MAMMOTH TOURS—(See Cut.) Of enormous size. Flesh thick and sugary, fine for table use. Pkt. 5c. oz. 10c. 1-4 lb. 20c. lb. 65c.

NEGRO OR NANTUCKET—(See Cut.) Vines vigorous and productive. A fine keeper. Pkt. 5c. oz. 10c. 1-4 lb. 20c. lb. 65c.

SUGAR—(See Cut.) Although many varieties have been introduced in the past few years, there is none that is more general use. It grows to an average weight of 5 pounds. Yields enormously, growing literally covered with golden orange fruit. Pkt. 5c. oz. 10c. 1-4 lb. 20c. lb. 65c.

TENNESSEE SWEET POTATO—(See Cut.) The best variety for home gardens or for market. The vines are productive. Pkt. 5c. oz. 10c. 1-4 lb. 20c. lb. 65c.

Growing Pumpkins:

1. Choose a warm, sunny location with well-drained soil.
2. Space plants 3-4 feet apart.
3. Keep soil consistently moist during the growing season.
4. Prune off any flowers to encourage fruit production.
5. Harvest when the pumpkin is fully ripe and the vines have yellowed.
Turnip Shaped Sorts.

**QUEEN OF THE MARKET.**

French—Radis. German—Bettel. The radish is cultivated for its root, which should be eaten when young and tender, as in maturating it becomes strong, tough and pithy. It thrives in soil of loam or loamy texture. 

**Prices quoted on Radish seed include the preparation of postage by us. If wanted by express or sight deduct to cents per pound. One ounce to 200 feet of drill, 8 to 10 pounds to the acre.**

**Radishes.**

**French—Radis. German—Bettel.** The radish is cultivated for its root, which should be eaten when young and tender, as in maturating it becomes strong, tough and pithy. It thrives in soil of loam or loamy texture.

**Prices quoted on Radish seed include the preparation of postage by us. If wanted by express or sight deduct to cents per pound. One ounce to 200 feet of drill, 8 to 10 pounds to the acre.**

**White Box.**

Old sown for early use as soon as the ground can be well prepared, and for succession, at intervals of two or three weeks throughout the season. In rich, loamy, warm soil, as the quality depends largely on its rapid growth. Swow in rows a foot apart, and thin to two inches in the row as the largest ones as soon as sufficiently size for the table. Keep free from weeds and well watered. In the heat of summer select a cool, shady place.

**Turnip Shaped Sorts.**

**SON GIANT—**For illustration and description, see list of specialties.

**QUEEN (Forcing.)** (See Cut.) The most uniform radish ever offered. It is of bright deep-carrot type, with a distinct white tip, valuable for early or early marketing. Pkt. 50 c., 1 lb. 25c., 10 lb. 25c.

**EN OF THE MARKET—**(Forcing.) (See Cut.) Earliest turnip-shaped radish in the market; ready 20 days. A rapid grower, being ready in 7 or 8 days ahead of the Early Turnip and remains crisp and tender or any radish of its shape. Pkt. 50 c., 1 lb. 25c., 10 lb. 25c.

**P SCARLET—**Globed shaped, early, very fine, tender. Pkt. 50 c., 1 lb. 15c., 10 lb. 30c.

**TE TURNIP—**Tender, crisp, white, and tender. Pkt. 50 c., 1 lb. 15c., 10 lb. 30c.

**MINE, EXTRA EARLY (Forcing.)** Fine, bright red, firm, early. Pkt. 50 c., 1 lb. 20c., 10 lb. 60c.

**NCH BREAKFAST—**Pink and white, early. Pkt. 50 c., 1 lb. 20c., 10 lb. 60c.

**ARTIER OR SHEPHERD—**Long crimson, tip-white. Pkt. 50 c., 1 lb. 15c., 10 lb. 40c.

**INNATE MARKET—**Fine strong of long scarlet tops short. Pkt. 50 c., 1 lb. 15c., 10 lb. 40c.

**SCARLET SHORT TOPS—**Very long, crisp tender. Pkt. 50 c., 1 lb. 15c., 10 lb. 40c.

**LE—** (See Cut.) It is long, slender, pure white, tender and most attractive. The young radishes are ready for use from 20 to 22 days from sowing the seed, and are fresh, crisp and tender. Pkt. 50 c., 1 lb. 20c., 10 lb. 60c.

**Summer Sorts.**

**THE BOX—**(See Cut.) Is superior and employees a quality distinct from any early White Turnip sh. Remarkably short top, rapid growth, but turnip shaped, extra fine quality, showing slow and durable to extreme. Pkt. 50 c., 1 lb. 15c., 10 lb. 40c.

**DAM—**Extra early, semiland, smooth. Pkt. 50 c., 1 lb. 15c., 10 lb. 40c.

**DEN YELLOW OR GOLDEN BALL—**Oval, bright yellow. Pkt. 50 c., 1 lb. 15c., 10 lb. 40c.

**Winter Radishes.**

**SPANISH LONG—**The popular winter. Pkt. 50 c., 1 lb. 20c., 10 lb. 60c.

**SPANISH ROUND—**Same as Long except in shape. Pkt. 50 c., 1 lb. 20c., 10 lb. 60c.

**SPANISH FRESH white, pungent. Root.** Pkt. 50 c., 1 lb. 20c., 10 lb. 60c.
RHUBARB.

German—Rhubarber. Swedish—Rabarber.

CULTURE—Rhubarb gives the best results when grown in deep, rich soil, that has been worked to a depth of at least one foot. Sow in drills one inch deep and thin out the plants to 6 or 8 inches apart. Transplant plants in the early fall, setting them about 4 feet apart each way and give a dressing of coarse manure each spring. The stalks should not be plucked until the second year, and the plant never allowed to exhaust itself by running too long.

Prices quoted on this page include the prepayment of postage by us. Waived by express of freight, at purchasers expense, deduct 10 cents per pound.

MONARCH—(See Cut.) The largest, strongest growing and best flavored variety that ever has been introduced. Pkt. 10c. oz. 25c., lb. $1.00.

LONG WHITE—See Cut.) Roots medium size, smooth, white flesh. Pkt. 5c. oz. 10c. lb. 50c., lb. $1.60.

VICTORIA—A good market sort, stalked red, very large. Pkt. 5c. oz. 15c. lb. 50c., lb. $1.50.

SALSIFY LONG WI

SQUASH.

CULTURE—Sow in hills in the same manner as cucumbers and melons, the hills three to four feet apart, and the row three to nine feet apart.

Summer Sorts.

CROOKNECK YELLOW—One of the best of the Summer squashes. Pkt. 5c. oz. 10c. lb. 50c., lb. $1.50.

WHITE BUSH SCALLOPED—Grown most exclusively for first crop, as ripen early and are particularly saleable for early marketing. Pkt. 5c. oz. 10c. lb. 50c., lb. $1.50.

YELLOW BUSH SCALLOPED—Similar to preceding except a little larger in size, color, and markings. The skin creamy yellow. Pkt. 5c. oz. 10c. lb. 50c., lb. $1.50.

Winter Sorts.

BOSTON MARROW—This is a popular squash for autumn or winter use. Its color is bright orange, flesh yellow, rich and sweet; forms a large, oval, heavy, and well-marked fruit. Pkt. 5c. oz. 10c. lb. 50c., lb. $1.00.

GOLDEN HUBBARD. The best fall and winter squash. This is a perfect type of the green Hubbard, except in color, which is bright orange red, very showy and attractive. The fruits are uniform in size weighing from 6 to 8 pounds, and in shape are like the green Hubbard. The flesh is deep orange, very dry, fine grained and of excellent flavor. Fruit matures very early, their keeping qualities are fully equal to the green and they can be held over in good condition for winter use. Vines vigorous, productive. Pkt. 10c. oz. 15c. lb. 50c., lb. $1.50.
GROWN IN THE GOLDEN GRAIN BELT OF THE WORLD

SQUASH—Concluded.

DEN BRONZE.

CHICAGO WARTED HUBBARD.—(See Cut.) This is similar in size and quality to the well-known Hubbard. An excellent keeper and of splendid quality.
Pkt. 5c, oz. 10c, 1-4 lb. 35c, lb. $1.25.

GOLDEN BRONZE.—(See Cut.) A cross of the Bay State and Boston Marrow. Size averaging from 8 to 10 in. long; the grains, very sweet and of delicious flavor. Pkt. 10c, oz. 15c, 
1-4 lb. 25c, lb. $1.25.

HUBBARD.—Well-known and liked for large use; large size, color green, marked with orange. Pkt. 5c, oz. 10c, 1-4 lb. 35c, lb. $1.25.

MAMMOTH CHILI.—(See cut page 30.) Large, round, flattened at the ends. Deep orange, flesh dark yellow, thick and nutritious. Pkt. 5c, oz. 15c, 1-4 lb. 50c, lb. $1.60.

TOMATOES. Spanish—Tomate. French—Tomate.

German—Liehesapfel.

CULTURE.—Sow in hoed in early spring, or the seed may be sown in shallow boxes and placed in a warm greenhouse, where one does not wish to have the trouble of making a hoed. Transplant to the open ground when all danger of frost is past, setting the plants three or four feet apart each way. Some support should be provided for the plants, to keep the fruit from touching the ground; brush, hay or bricks used for this purpose, may be turned under after the last week in June is passed. If the weather is favorable the seed is sown in the open ground when the weather is warm and settled, shading from sun a day or two. As the plants are not disturbed in taking plants from the pots, the plants suffer no check, but grow right on. Our Extra Early Tree requires no support and produces a most delicious tomato, solid and of the best flavor.

Prices quoted on Tomato seed include a prepayment of postage by us. If wanted by express or freight, deduct 10c per ounce.

One ounce for 1,500 plants, 1-4 pound transplant for one acre.

EARLY TREE.—(See Cut.) This is a variety so extensively advertised and sold per packet. It is certain in demanding time and quality. Fruit round, smooth, and of medium size. Another point that particularly recommends it is the fact that it requires support even when laden with fruit, the seedlings when holding the tomatoes far above the ground. We have the true seed stock, and can offer it at less than $1.00 per lb. Pkt. 10c, oz. 25c, 1-4 lb. 85c, lb. $3.00.

Medium size, smooth. Color purplish. Pkt. 5c, oz. 15c, 1-4 lb. 30c, lb. $1.75.

ANCIC PRIZE.—Desirable for general use. Size, bright red, smooth. Pkt. 5c, 1-4 lb. 40c, lb. $1.50.

CUBIC.—Bright, strong vine; red fruits of finest quality. Pkt. 10c, 1-4 lb. 85c, lb. $3.00.

AUTUMN.—Dark, dark pinkish red, flesh, regular form. Pkt. 5c, oz. 15c, 1-4 lb. 60c, lb. $1.75.

EARLY TREE—Dwarf compact. Pkt. 5c, oz. 25c, 1-4 lb. 75c, lb. $2.75.

LARGE CUSHION.—This variety is of immense size, almost seedless, mild, ripens thoroughly, an excellent shipper and unsurpassed in flavor. It is more symmetrical in shape than the Ponderosa, is much thicker through from stem to blossom end. In fact, so thick is this characteristic that it is crimson, untinged with purple, forming almost completely to the stem. The “Cushion.”

ROGAT DWARF.—Bears very freely and large quantities of ripe fruit to produce one pound of seed, whereas, a pound of seed from 2 bushels of ordinary tomatoes. These figures tell better than any description the "scent" character of the grand variety. The flesh is firm and luscious and of superb quality. It is enormously prolific and early for so large a tomato. Pkt. 10c, oz. 15c, 1-4 lb. 50c, lb. $2.00.

EARLINA.—Produces large amount of vigorous growth, setting its fruit freely and in great abundance; very early, of large size, perfect form, bright red color and delicious flavor. It ripens clear to the stem; does not crack. Pkt. 10c, oz. 25c, 1-4 lb. 60c, lb. $1.25.

FAVORITE.—Vines medium size. Fruit oval and smooth, flesh very firm. Pkt. 5c, oz. 20c, 1-4 lb. 60c, lb. $1.75.

MAY'S EXTRA EARLY TREE.

LEMON BLUSH.—A strong, vigorous grower, producing fruit of good size, shape, and color. The skin is of a bright lemon yellow shade, ripens medium early, and can be depended upon to produce a good crop. Pkt. 5c, oz. 25c, 1-4 lb. 50c, lb. $1.75.

ENORMOUS.—(See Cut.) Very solid. A large, smooth, bright red sort, four to five inches in diameter. Thick through, solid, meaty, skin smooth, highly colored and free from cracks. In the "most enormous"! form the plant is 12 feet and the form more than ten feet. In form and size resembles its father. The fruit are of good size, perfectly round, and remarkably handsome, smooth as glass. Pkt. 10c, oz. 25c, 1-4 lb. 85c, lb. $3.00.

FIRST OF ALL MAYS.—For illustration and description see page 32.

FREEDOM.—An extra early sort of superior quality. Its value lies not only in the actual time of ripening its first fruit, but that such enormous quantities of fruit can be gathered while most varieties are ripening only a few. The fruits are of good size, perfectly round, and remarkably handsome, smooth as glass. Pkt. 10c, 1-4 lb. 85c, lb. $3.00.

GIANT TREE.—For illustration and description see list of specialties.

GOLDEN QUEEN.—A large, yellow variety, producing Paragon in size and smoothness. Pkt. 5c, oz. 15c, 1-4 lb. 50c, lb. $1.75.

HONOR.—Blight-resistant, very early, and fully ripe is a bright red large. Pkt. 10c, oz. 25c, 1-4 lb. 60c, lb. $2.75.

EARLY TREE—Dwarf. Pkt. 5c, oz. 25c, 1-4 lb. 75c, lb. $2.75.

LEMON BLUSH.—A strong, vigorous grower, producing fruit of good size, shape, and color. The skin is of a bright lemon yellow shade, ripens medium early, and can be depended upon to produce a good crop. Pkt. 5c, oz. 25c, 1-4 lb. 50c, lb. $1.75.

ENORMOUS.
FIRST OF ALL, MAY'S—(See Cut.)—A money maker for gardeners. Leads all other varieties by nearly ten days in earliness. This marvelously productive, solid, and of the finest flavor. It is equally desirable for both market and home use. It is the only thoroughly first-class extra early variety for general use we have ever found, and none of our patrons who desire an extra early tomato should fail to secure the First of All. Pkt. 10c, oz. 30c, 1-4 lb. $1.00, lb. $2.00.

GIANT TREE—For illustration and description see list of specialties.

SUCCESS—(See Cut.)—A scarlet-fruited variety of fine quality, handsome appearance, large size and great productiveness. The vines are of strong, vigorous growth with abundant foliage. The fruits, set in clusters, average 3 inches in diameter and 2 to 2½ inches through from stem to blossom end. Color, bright scarlet; perfectly smooth and free from cracks. The interior is very meaty, of fine flavor. It ripens with the secondearly and yields abundantly throughout the season. The handsome color, even size and great solidity of "Success" make it an excellent market sort. Well adapted to canning use by reason of its rich deep red color, solidity of flesh and desirable form for rapid peeling without waste. Pkt. 50c, oz. 20c, 1-4 lb. 75c, lb. $2.50.

MATCHLESS—(See Cut.)—A standard bright red main crop variety. A splendid keeper and shipper. Less liable to crack in wet weather than most sorts. Fine for market or table. The plant is a strong grower. The fruits are large, perfectly smooth, free from core, with very small seed cavity. Pkt. 50c, oz. 20c, 1-4 lb. 75c, lb. $2.50.

MAGNUS—Same color as Acme. Medium early, perfect in form, grows large and attractive. Pkt. 50c, oz. 20c, 1-4 lb. 60c, lb. $3.25.

MICHIGAN EARLY—Vines vigorous, very productive; smooth, uniform in size and color, free from rot or cracking. Pkt. 50c, oz. 15c, 1-4 lb. 50c, lb. $1.75.

MILKADO—Large, purplish red, ripens early. Pkt. 50c, oz. 20c, 1-4 lb. 75c, lb. $2.50.

MINNESOTA EARLY—Skin smooth, of fine flavor. Pkt. 50c, oz. 20c, 1-4 lb. 75c, lb. $2.50.

MINNESOTA QUEEN—Extra early, beautiful in shape and color; vines vigorous and very productive. Plants of good size, smooth and solid. Pkt. 10c, oz. 20c, 1-4 lb. 50c, lb. $3.00.

NEW CENTURY—Distinct from other sorts. The fruit is of a fine, dark scarlet color, perfectly smooth. Pkt. 50c, oz. 20c, 1-4 lb. 60c, lb. $3.25.

NEW STONE—Fruits large, solid, bright scarlet. Pkt. 50c, oz. 15c, 1-4 lb. 50c, lb. $1.75.

PARAGON—A second early, large, bright crimson. A healthy grower, free from blight. Pkt. 50c, oz. 15c, 1-4 lb. 60c, lb. $3.25.

PERFECTION—Fruit large, round, smooth, handsome, red and of the finest quality. Pkt. 50c, oz. 20c, 1-4 lb. 75c, lb. $3.00.

PODEROSA—Of large size, often attaining a circumference of 18 inches weighing 2, 3 and 4 pounds each. Perfect in form, free from wrinkles at the stem; smooth, solid and seedless; ripens thoroughly from centre to skin. Color, glowing crimson. Fine for table use. Pkt. 50c, oz. 30c, 1-4 lb. $1.00.

ROYAL RED—Fruits large, bright red. Pkt. 50c, oz. 20c, 1-4 lb. 60c, lb. $1.75.

RUBY EARLY—Very early, small size, of good form and color. Pkt. 5c, oz. 15c, 1-4 lb. 50c, lb. $1.75.

TROPHY SELECTED—A standard sort. Fruit large, smooth solid, of good flavor and very productive. Pkt. 50c, oz. 20c, 1-4 lb. 60c, lb. $3.25.

TABLE QUEEN—As large as the Milkado, very smooth and perfectly round. The flesh is very solid, almost seedless, fine flavor. Pkt. 50c, oz. 20c, 1-4 lb. 60c, lb. $3.25.

WALDORF—Flesh solid, of a dark rose color and of fine flavor. Pkt. 10c, oz. 20c, 1-4 lb. 60c, lb. $2.00.

STRAWBERRY OR WINTER CHERRY—(See cut page 31.) (Husk Tomato Plants) of slow spreading growth and immensely productive. The small yellow fruits are each enclosed in a husk or covering. When ripe the fruits is flat, an inch in diameter, bright yellow and of very sweet flavor, high in preserving qualities. Pkt. 10c, oz. 20c, 1-4 lb. 60c, lb. $2.25.

CALIFORNIA PEACH—A distinct and attractive appearing tomato, high in preserving qualities, good for preserving or canning. The fruits are 1 to 1½ inches in diameter, bright red and practically seedless. Pkt. 50c, oz. 20c, 1-4 lb. 60c, lb. $2.25.

PEAR RED—Fruit bright red, pear shaped. Pkt. 50c, oz. 20c, 1-4 lb. 60c, lb. $3.25.

PEAR YELLOW—Same as above except in color. Pkt. 50c, oz. 20c, 1-4 lb. 60c, lb. $3.25.

PLUM RED—Similar to the above except in color. Pkt. 50c, oz. 20c, 1-4 lb. 60c, lb. $3.00.
Turnips—White Flesh Sorts.


CULTURE—Turnips do the best in highly enriched, sandy, gravelly or light loamy soil. Commence sowing the earliest varieties in April, in drills 12 to 15 inches apart, and thin out early to 6 or 8 inches in the rows. For a succession sow at intervals of a fortnight, until the last week in August sowing may be made for the fall and main crops.

PARISIAN—As this variety is a close relative of the sweet and tender white flesh sort, it will repay the seedman who is prepared to test and distribute it to his customers. Pkt. 5c. oz. 10c, lb. 15c, lb. 20c.

NORWEGIAN—A choice white sort that can be grown for fall and winter use. It is sweet, juicy, fine grained and tender. Pkt. 5c. oz. 10c, lb. 15c, lb. 20c.

TOP—Best turnips usually grow in the fall. This variety is a good one for fall and winter use. Pkt. 5c. oz. 10c, lb. 15c, lb. 20c.

SWEET TOP—A variety of sweet, tender and fine grained turnip. It is grown for the fall and winter. Pkt. 5c. oz. 10c, lb. 15c, lb. 20c.

CULTURE—It is very desirable for the fall and winter use, when the weather is cold. It is best sown in August and grown in drills 12 to 15 inches apart. Pkt. 5c. oz. 10c, lb. 15c, lb. 20c.

Golden Ball or Orange Jelly—This is the most distinct yellow turnip we know. The flesh is of a very fine quality, its color is of a rich orange or yellow and its flavor is sweet and rich. Pkt. 5c. oz. 10c, lb. 15c, lb. 20c.

At prices quoted on Turnip seed, we prepay postage. If wanted by express freight deduct 10c per pound.

Early White Dutch—See Cut. An early variety of small size, seldom exceeding three inches in diameter. The outer color is a rich dark crimson scarlet, while the flesh is pure white, crisp, tender and fine grained. Pkt. 5c. oz. 10c, lb. 15c, lb. 20c.

Early White Dutch—See Cut. A beautiful medium size white variety of turnip that is desirable for table use. Pkt. 5c. oz. 10c, lb. 15c, lb. 20c.

Early White Dutch—See Cut. An early variety of small size. It is crisp, tender and fine grained. Pkt. 5c. oz. 10c, lb. 15c, lb. 20c.

MODEL WHITE—See Cut. A beautiful medium size white variety of turnip that is desirable for table use. Pkt. 5c. oz. 10c, lb. 15c, lb. 20c.

Munch Extra Early—See Cut. An extra early variety of medium size, grown for home use. Pkt. 5c. oz. 10c, lb. 15c, lb. 20c.

Kashmir—Extra Early—See Cut. An early variety of medium size, always a good winter turnip. Pkt. 5c. oz. 10c, lb. 15c, lb. 20c.

Norfolk Large White—A standard new variety, growing to an immense size; one of the best for stock feeding. Pkt. 5c. oz. 10c, lb. 15c, lb. 20c.

Golden Ball or Orange Jelly—This is the most distinct yellow turnip we know. The flesh is of a very fine quality, its color is of a rich orange or yellow and its flavor is sweet and rich. Pkt. 5c. oz. 10c, lb. 15c, lb. 20c.

Yellow Flesched Sorts.

ABERDEEN, YELLOW—Most extensively grown for feeding stock. It grows to a large size; is solid, crisp and the best of the keeping qualities. Pkt. 5c. oz. 10c, lb. 15c, lb. 20c.

SUBER OF YELLOW—Handsome, globular shaped. Color pale yellow, with greenish top. One of the best for outdoor crops, either for table use or for stock. Keep well, and is early in maturating. Pkt. 5c. oz. 10c, lb. 15c, lb. 20c.
RUTA BAGAS.

Sew two to three pounds per acre.

CULTURE—Ruta Bagas seed should be sown three or four weeks earlier than that of the table varieties of turnips. The ground should be enriched with well-rotted manure and the seed sown in drills 2 1/2 inches apart and thinned out to 0 or 2 inches in the rows. When the roots have fully matured and before severe weather sets in, pull out the tops and store them in a cool cellar or pit. In some sections the seed is sown broadcast and the Ruta Bagas are allowed to take their chances with the weeds, but this method is seldom successful except on new clearing.

MAY'S IMPROVED AMERICAN PURPLE TOP—(See cut.) The garden favorite. A large and heavy yielding, hardy and productive. This magnificent variety is the result of careful crosses and careful selection. It is the hardiest, most productive and nutritious variety in cultivation. Flesh yellow, of solid texture, sweet and well flavored; shape slightly oblong, terminating abruptly; color deep purple above and bright yellow below; hard, firm and solid, with little or no neck, the most perfect form, the finest in flavor and the best in every respect. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 40c.

CARTER'S IMPERIAL HARDY—(See cut.) An excellent sort either for table use or feeding stock. A purple top variety of large size: flesh yellow, solid, firm, sweet and rich. There is no tendency to long necks. A heavy yielding, a good keeper. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 40c.

MAY'S ELEPHANT—Grows to a very large size. The bulbs are of smooth, oval form, slightly tapering at the ends, with short, small neck and comparatively small top. The skin is a dark red above the surface and a rich yellow below; flesh deep yellow, firm, and of excellent quality, very hardy, productive. Pkt. 5c oz. 10c, 1-4 lb. 15c. lb. 40c.

SKIRVING'S PURPLE TOP.

In making up our list we have endeavored to give only such sorts as were of special merit and certain to give satisfaction.

CONNECTICUT SEED LEAF—Best adapted to the Southern and Middle States. Pkt. 5c, oz. 25c, 1-4 lb. 75c.

HESTER—Recommended as one of the best for general cultivation. Pkt. 5c oz. 25c, 1-4 lb. 75c.

STERLING—Best adapted to the Northern states. Ripens early, makes finest wrappers. Pkt. 5c, oz. 25c, 1-4 lb. 75c.

TREE SEEDS.

Many varieties are easily grown. It should also be remembered that while some kinds sprout at once, others require several weeks, and a few lie dormant a whole season. Evergreen seed should be kept in cool, dry sand. Those with hard shells should be planted in the autumn. The seeds of other deciduous trees should be planted from April to the middle of May in drills about 2 1/2 feet apart and covered about half an inch in depth. Varieties marked thus * will do better if planted in the fall.

EVERGREEN TREE SEED.

<table>
<thead>
<tr>
<th>Tree</th>
<th>Pkt.</th>
<th>oz.</th>
<th>lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arbor Vitae, American</td>
<td>20c</td>
<td>$2.00</td>
<td></td>
</tr>
<tr>
<td>Balsam Fir</td>
<td>20c</td>
<td>2.00</td>
<td></td>
</tr>
<tr>
<td>Cedar</td>
<td>10c</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>Norway Spruce</td>
<td>15c</td>
<td>1.50</td>
<td></td>
</tr>
<tr>
<td>White Pine</td>
<td>25c</td>
<td>2.50</td>
<td></td>
</tr>
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</table>

DECIDUOUS TREE SEED.

<table>
<thead>
<tr>
<th>Tree</th>
<th>Pkt.</th>
<th>oz.</th>
<th>lb.</th>
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<tbody>
<tr>
<td>Ash, Green</td>
<td>10c</td>
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<td></td>
</tr>
<tr>
<td>Birch, American</td>
<td>White</td>
<td>10c</td>
<td>$1.00</td>
</tr>
<tr>
<td>Birch, European</td>
<td></td>
<td>10c</td>
<td>1.00</td>
</tr>
<tr>
<td>Butternut</td>
<td>25c</td>
<td>2.50</td>
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</tr>
<tr>
<td>Catalpa, Hardy</td>
<td>10c</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>Catalpa, Soft</td>
<td>30c</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>Elm, American</td>
<td>10c</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>Horse Chestnut</td>
<td>30c</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>Honey Locust, for hedges, 10c</td>
<td></td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>Oak</td>
<td>10c</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>Orange, for hedges, 10c</td>
<td></td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>Peach, Sugar</td>
<td>30c</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>Pear, Sugar</td>
<td>25c</td>
<td>2.50</td>
<td></td>
</tr>
<tr>
<td>Plum, Soft</td>
<td>40c</td>
<td>4.00</td>
<td></td>
</tr>
<tr>
<td>Plum, Sugar</td>
<td>30c</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>Mulberry, Russian</td>
<td>10c</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>Nutmeg, for hedges, 10c</td>
<td></td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>Nutmeg, Russian</td>
<td>10c</td>
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DECIDUOUS TREE SEED.

<table>
<thead>
<tr>
<th>Tree</th>
<th>Pkt.</th>
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<th>lb.</th>
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<tbody>
<tr>
<td>Kentucky Coffee Tree</td>
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</tr>
<tr>
<td>Larch, European</td>
<td>10c</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>Linden, American</td>
<td>10c</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>Locust, Yellow,</td>
<td>25c</td>
<td>2.50</td>
<td></td>
</tr>
<tr>
<td>Maple, Norway</td>
<td>10c</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>Maple, Symmamore</td>
<td></td>
<td>10c</td>
<td>1.00</td>
</tr>
<tr>
<td>Maple, Sugar</td>
<td>30c</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>Orange, for hedges, 10c</td>
<td></td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>Orange, Russian</td>
<td>40c</td>
<td>4.00</td>
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DECIDUOUS SHRUB SEEDS.

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<tr>
<th>Tree</th>
<th>Pkt.</th>
<th>oz.</th>
<th>lb.</th>
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</thead>
<tbody>
<tr>
<td>Berberry, Common</td>
<td>10c</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>Berberry, Purple</td>
<td>10c</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>Calceolus,</td>
<td>10c</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>Privet, Common</td>
<td>10c</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>Snowball</td>
<td>15c</td>
<td>1.50</td>
<td></td>
</tr>
</tbody>
</table>

TOBACCO.

LITTLE ORONOKO—A heavy cropper. Best adapted to the Middle and Southern states. Pkt. 5c, oz. 25c, 1-4 lb. 75c.

BIG HAVANA—Considered in the South one of the best that can be grown. Very early and a heavy cropper. Pkt. 5c, oz. 25c, 1-4 lb. 75c.

BULLION—A well formed, fine flageot sort. Pkt. 5c oz. 50c, 1-4 lb. $1.50.

BONANZA—A white Burley cross on Yellow Oronoko. Makes finest wrappers, fillers and cutters. Pkt. 10c, oz. 25c, 1-4 lb. $1.00.

WHITE FRENCH—I mend—This Ruta Bagas grows to a large size and is most excellent for table use or stock. The flesh is firm, rich and of sweet, nutty quality. A heavy cropper and a good keeper. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 40c.
Australian Salt Bush.
A Forage Plant for Alkali Soils, and for Regions Subject to Periodic Drought. (See Cut.) This is a very wonderful forage plant, as it will grow freely in arid and alkali lands that will produce no other vegetation, yielding a marvelously liberal foliage which is eagerly eaten by all kinds of stock. It is of creeping habit. From 20 to 30 tons of green fodder have been harvested from one acre. It has further been proven that after three or four crops have been grown on alkali land the soil is then capable of producing any other vegetation. In many sections of the states this is in itself of priceless value. This plant has been very extensively tried at the California Experimental Station, where single plants, grown on the poorest alkali ground, have a diameter of 16 feet in one season. One pound of Seed will sow an acre. It grows readily from seed and requires no postpaid; 1 bu. $1.00, 50c., 25c., 12½.; 1 bu., 10 lbs. $12.00.

Manshury Barley. THE HEAVY CROPPING MANSHURY barley.
The famed variety so highly recommended by Prof. Henry of the Wisconsin Agricultural College. We believe no variety ever introduced has given such perfect satisfaction in all parts of the country as Manshury Barley. Prof. Henry says in his report that Manshury will make the best feed, and yields under all conditions surpass any other variety. Yields of from 50 to 60 bushels per acre are often reported. A leading farmer from Minnesota states: "The Manshury I have used has never failed, and has given me a product of 52 bushels per acre." Seeds selected, $1.25. bisher, 8 bu. or productiveness. Seeds, $1.00. 5 bu. or $1.50 per bu. by exp. or freight.

New Beardless Barley. The earliest barley known, if sown by the twentieth of March will ripen about the twenty-eighth of June; straw same length as common barley, will stand up on any land; has produced 80 bushels per acre. New variety. See Cut. Forage ability of this variety is superior to any other variety for mulching and is consequently always in demand by farmers. It is a high priced seed. Sow 2½ bu. bushels to the acre. Lb. 25c., postpaid; pk. 50c., bu. $1.25, 5 bu. $5.00, 10 bu. $9.00 by exp. or freight.

Highland Chief Barley. A new and distinct two rowed variety. A very robust, vigorous grower, and stands strong, upright; yields from 50 to 90 bushels per acre; usually weighs over 50 pounds to the bushel. Less liable to be damaged by wet than other kinds. Lb. 25c., postpaid; pk. 50c., bu. 1.25, 5 bu. or $1.00 per bu. by exp. or freight.

GROWN IN THE GOLDEN GRAIN BELT OF THE WORLD

PRICES QUOTED ON FARM SEEDS. By the pound include the prepaid cost of postage by us. Farm seeds by the peck, bushel or bag, we do not deliver free, but are sent by express or freight, customers paying transportation charges. In all cases we secure the cheapest rates, making no charge for packing, cartage, bags or delivery to any railroad station or express office in St. Paul.

MARKET CHANGES. Owing to the unsettled condition of the markets this season, prices are constantly changing. The prices given here are those ruling at the time when this catalogue was published, January 1st. Should prices on any item seem high, we would consider it a favor if our customers in making up their orders for Farm Seeds in large quantities would write us, and we will be pleased to quote prices ruling at the time received, or we will fill all orders at lowest market prices, as it is our intention to meet the competition of all reliable firms.

NOTE.—We pay particular attention to this department of our business. These seeds are selected with special regard to their quality. Customers may rely on our exertions to furnish all seeds fresh, pure and free from noxious or foreign seed. The seed we offer is all re-cleaned by the best up-to-date machinery.
Jerusalem Corn. Pronounced one of the very best and most certain grain crops for dry sections, and in the southwest claimed to be superior to the famous Kaffir corn, which is having such immense sales at the present time. It attains a height of 3 feet and makes a large head of one main stalk and several smaller heads on the side. In good seasons often as high as 8 or 9 heads will be seen on one stalk. The grains are pure white, almost flat, Sow 8 or 4 lbs. to the acre. Lb. 25c; 1 lb. 75c postpaid.

BROOM CORN.

Evergreen. (Minnesota grown.) This variety is more generally grown than any other sort on account of the color and quality of brush. The brush is of good length, always green when ripe, it does not get red and has no center stalk, which is most desirable to broom corn growers and manufacturers. We offer carefully selected stock of this variety, and know that it is certain to give satisfactory results. Postpaid: 10 lbs, 75c; 25 lbs. $1.25, 50 lbs. $2.00, 100 lbs. $4.00.

Evergreen Tennessee. Of fine quality, good length and handsome appearance; cut before the seed is ripe, it is a beautiful pea green color, ripens early and yields heavy crops. Lb. 25c; postpaid, 10 lbs. 60c, 25 lbs. $1.25, 50 lbs. $2.25, 100 lbs. $4.00.

California Golden. This variety has been carefully selected and improved so that the brush is straight and long, a very large proportion of it being suitable for brooms. It is of fine quality, of light green color, turning to light yellow when allowed to become too ripe. Brush straight and long. Lb. 25c postpaid; 10 lbs. 60c, 50 lbs. $2.25, 100 lbs. $4.00.

Dwarf Evergreen. Grows from three to four feet high, with straight smooth brush; principally used for making whisks and brushes. Lb. 25c postpaid; 10 lbs. 75c, 50 lbs. $2.75, 100 lbs. $5.00.

Japanese. By far the quickest growing variety that was ever introduced, and tests prove that it will mature in 75 days when planted late. One grower states that it was planted the middle of July and ready to cut by the first of October. Largely grown in the Southwestern states. Lb. 25c postpaid; 10 lbs. 75c, 50 lbs. $2.75, 100 lbs. $5.00.

DESCRIPTION OF OUR CHOICE KAFFIR CORN.

Yields heavily even on the poorest soils. This wonderful forage plant has become very popular in all sections of America the past three years and is highly recommended by the leading agricultural writers. It is a variety of non-saccharine sorghum and distinct from all others of this class. It does not stoop from the roots, but branches from the top joints, producing two, three and four heads of grain from each stalk. The average stalk on good land is about 5 feet, but the stalks are very strong and never known to blow down in ordinary windstorms. It has the valuable quality of resisting drought, and if the growth is checked for want of moisture, the plant waits for rain and then, when once resumed, its progress without any apparent detriment to its condition; in fact, trials show that it has never failed to produce a good crop in the most disastrous seasons. The whole stalk, as well as the blades, curves into excellent fodder, and in all stages of its growth is available for green feed. All kinds of cattle are fond of it. Kaffir Corn may be planted very early in the spring, and should be sown in rows about 8 feet apart, using about three or four pounds per acre. It can be grown as far north as Minnesota, and is therefore desirable for cultivation in all parts of this country. Pkt. (2 oz) 10c, Lb. 25c, 1 lb. 75c, postpaid, 10 lbs. 65c, 50 lbs. $2.00, 100 lbs. $5.00.
GROWN IN THE GOLDEN GRAIN BELT OF THE WORLD

MAYFIELD EARLIEST ENGRAVED FROM A PHOTOGRAPH.

FIELD CORN—White Dent Sorts.

Mayfield Earliest. A new Drought Proof, White Dent Corn. This excellent variety, introduced for the first time last season, possesses so many good points that we unhesitatingly pronounce it the best White Dent Corn ever grown. The kernels are plump, hard and well matured close to the tip of the ear. It makes most excellent flour, being entirely white, fine grained and of excellent flavor. The ears are of medium length, with from 14 to 15 closely set rows of kernels. It is the Earliest, Hardest, Most Productive, Most Beautiful, High Bred, Pure White Dent Corn ever introduced, and will prove of inestimable value to the farmers of the Northwest. Lb. 25c, postpaid, pk. 50c, bu. $1.60, bag (2 x 2 bu.) $3.75, by express or freight.

FLINT SORTS.

Compton's Early. (75 days.) Early, prolific, good sized ear and small cob. Ears averaging 9 to 15 inches in length, 12 to 14 rowsed, well filled out to flint, valuable for the North; color, Enormously productive. Lb. 25c, postpaid, pk. 50c, bu. $1.60, bag (2 x 2 bu.) $3.75.

Hickory King. (110 days.) An extra early dent that will mature in about 110 days. Lb. 25c, postpaid; pk. 50c, bu. $1.50, bag (2 x 2 bu.) $3.50.

Minnesota White Dent. A mammoth white dent, maturin in 90 to 100 days. Cobs small, white. The grain is extra long, very heavy and compact. Lb. 25c, postpaid; pk. 50c, bu. $1.50, bag (2 x 2 bu.) $3.50.

Snow White Dent. (100 to 110 days.) Combines pure and very white color with large size, compactness and smoothness of grain, with sure maturity; ears medium. Lb. 25c, postpaid; pk. 50c, bu. $1.50, bag (2 x 2 bu.) $3.50.

THE GREAT YELLOW FLINT CORN.

Pride of Canada.

ese Corn for the Extreme North.

ese Corn for the Extreme North.

e greatest of all the flint varieties. Ears long, of rich yel-
lore, and worth the comple.xion of the yellow corn we ever grown. Will prove to be of the greatest value to the eers of the far North. Ripens earlier than any of the flints.

Bonanza. (100 days.) Yields heavily on all kinds of soils. The grains are of enormous size, broad, quite deep, cob small. The stalks bear from two to three large ears. Lb. 25c, postpaid; pk. 50c, bu. $1.60, bag (2 x 2 bu.) $3.75, by express or freight.

Champion White Pearl. (90 days.) A pure white dent, maturin in 90 to 100 days. Cobs small, white. The grain is extra heavy, very heavy and compact. Lb. 25c, postpaid; pk. 50c, bu. $1.50, bag (2 x 2 bu.) $3.50.

Philip yellow. A rich golden yellow. Lb. 25c, pk. 60c, bu. $1.75, bag (2 x 2 bu.) $3.75.

ry yellow. A rich golden yellow. Lb. 25c, pk. 60c, bu. $1.75, bag (2 x 2 bu.) $3.75.

ig Philip. An extra early dent matures in 90 days. Ears 12 to 15 inches in length, 13 to 14 rowsed, well filled out to flint, valuable for the North; color, Enormously productive. Lb. 25c, postpaid, pk. 50c, bu. $1.60, bag (2 x 2 bu.) $3.75.

Adams White. A very early dent variety, bright yellow in color, maturin in from 80 to 90 days. Ears 18 inches in length. Lb. 25c, postpaid; pk. 50c, bu. $1.75, bag (2 x 2 bu.) $4.00.
IMPROVED LEANING

CORN, Yellow Dent Sorts.

Abundance. For illustration and description see list of specialties page 6.

Extra Early Dakota Queen. Cart (85 days). Minnesota Grown. THE HEAVIEST YIELDING. EXTRA EARLY YELLOW DENT CORN. A VALUABLE VARIETY FOR THE NORTHERN STATES. RIPENS IN ABOUT 85 DAYS FROM PLANTING. It is beyond a doubt, the earliest Dent Corn ever introduced and is the most valuable addition to the list of corn for many years. It is a bright yellow color, small ear and cob, with a very long, deep grain. Lb. 25c, postpaid; pk. 50c, bu $1.50, bag (25 lb.) $4.00.

Golden Beauty. (100 Days). Ears are bright golden yellow color, 12 rowed. Lb. 25c, postpaid; pk. 40c, bu. $1.40, bag (25 lb.) $3.50.

Minnesota Number Thirteen. sota grown. This is a new early variety of yellow dent corn, is a full 10 rowed yellow dent corn, with cutting closely upon the cob, well filled from tip to tip. Lb. 25c, postpaid; pk. 50c, bu $1.50, bag (25 lb.) $3.50.

Huron Dent Extra Early. (90 days) Minnesota grown. Grain deep golden yellow and large, while the cob is very small. Lb. 25c, postpaid; pk. 50c, bu. $1.50, bag (25 lb.) $3.50.

Sure Crop. (See catalog) May’s Northern Grown. For illustration see inside front cover. For description see list of specialties page 6. Lb. 25c, postpaid; pk. 50c, bu. $1.50, bag (25 lb.) $3.50.

White Cap Yellow Dent. A corn for thin stricken sections. Ears large, sixteen to eighteen rowed. Stalk stout, 6 to 7 feet high, with abundant foliage. Lb. 25c, postpaid; pk. 50c, bu. $1.40, bag (25 lb.) $3.50.

Minnesota King. (See Cut, 5% natural size). Minnesota grown. A famous half dent, eight-rowed corn. This was introduced a number of years ago and has steadily increased in favor since its introduction, and we consider it one of the most valuable sorts ever grown for the Northern States. While there are many varieties that in good years will yield as much as Minnesota King, there are very few, we think, that will, year in year out, produce as heavy a corn as this sort. The ears are quite large, cobs small, kernels yellow, broad, long and set very closely on the cob. On account of its healthy and vigorous growth in its early stages of growth, it can endure more drought, heat and cold weather, and being extremely early it is soon out of danger of frost. The stalks grow to a medium height, are strong and well rooted, withstandings the strongest winds. Lb. 25c, postpaid; pk. 50c, bu. $1.50, bag (25 lb.) $3.50.

Iowa Gold Mine. (90 days). A medium early large yellow dent that is valuable for parts of Iowa and the Middle States. The grain is deep, a golden yellow color, ears of good size. Cob small. Lb. 25c, postpaid; pk. 50c, bu. $1.40, bag (25 lb.) $3.50.

EXTRA EARLY DAKOTA QUEEN. Ear Natural Size.
The seed we offer of this variety is grown at our Mayfield Seed Farms, substantiating the fact that this sort will mature as far north as the count part of Minnesota.

Hayward, Wis., has raised 16 bushels of shelled Mastadon Corn on one acre. A heavier yield by over twenty-five per cent than any other variety.

We are Headquarters for this Corn.

Don't Grow a Poor Yielding Corn when for a little more you can buy our Heavy Yielding Early Mastadon.

THE WONDER OF THE CORN WORLD.

Since its introduction more seed of this variety has been sold than any other introduced, and more bushels of it are now used by the seed trade filling orders than any other variety of field corn. This, in itself, is a great recommendation for the merits of the Mastadon corn. The Mastadon corn has longest grains and largest ears of any 100-day corn in cultivation and outyield any corn in the world. In the celebrated American Agriculture Agricultural corn contest it far outyielded every other yellow corn in America. Alfred Ross, of Yates County, N. Y., grew on one acre 16,890 pounds of ears of 1½ bushels of shelled corn; and George CARTER, Pawnee County, Neb., grew on one acre 11,280 pounds of ears of 1½ bushels of shelled corn. The best yield of corn ever known in Ohio was a field of Mastadon grown on Sarge farm in 1894. We can produce any amount of testimonials from able farmers of yields of over 1½ bushels shelled corn per acre. It is the longest grower and largest yielding corn in cultivation. It husks easy for area, a corn and shells easy, and has the longest grains of any kind we ever saw. Any one wishing proof of the above yield can obtain same by writing Alfred Ross, of Penn Yan, Yates County, N. Y. We have each year carefully selected our stock of this corn until now we have a fixed pure type of this wonderful yielding corn, and to obtain the genuine pure stock direct from the originator for only 65 cents per bushel or 1½ bushels of shelled corn, per acre. We do not think too much can be said for this wonderful variety.

A standard variety of White Dent Corn, which is remarkable for its large yields. Two hundred and ten bushels of shelled corn were grown on an acre. Stalks grow to a height of seven feet, ears set three and one-half to four feet from the ground. The ears are a variety from eight to twenty-eight rows of pure white kernels set on a small, teacob, ears well filled from butt to tip. The cob dries out rapidly, so that it is ready for market very early. Seventy bushels in the ear will make 67 pounds shelled. A variety of corn, hardy, a great drought resister and will give satisfaction wherever planted.

25c, postpaid; pk. 40c, bu $1.49, bag (2 1-2 bu.) $2.75.
MAYS — Northern Growed Seeds Best for All Climes.

**CORN, Ensilage Sorts.**

Unequaled in yield and unsurpassed in quality. The grains are pure white, very large, broad, and long, showy and of good vitality. The fodder grows on the stalks in great quantities and of fine flavor and tender and sweet. Lb. 25c; 3 lbs. 75c; postpaid; pk. 90c, bu. 1.50, bag (1-1/2 bu.) $2.25.

**Red Cob.** A large, white, heavy cropping variety, producing from 50 to 70 tons per acre. The fodder is sweet, tender, juicy and said to contain more nourishment than any other variety. It grows from 14 to 15 feet high. Lb. 25c, postpaid; pk. 40c, bu. $1.00, bag (2-1/2 bu.) $2.25.

**White Cob.** A very popular variety, with the same characteristics as the Red Cob, yielding an immense size, making it a very good variety for feeding cattle during the winter months. Lb. 25c, postpaid; pk. 40c, bu. $1.00, bag (2-1/2 bu.) $2.25.

**SOJBEAN.** In the highest ground, feeding on a great soil enricher and as a food for fattening hogs and cattle, has yielded over 10 tons per acre. It is a rich food unsurpassed as a flesh maker, and has been said to add 20 to 25 lbs. of weight to the cattle. It is just coming to the front as both in the green and dry state. Growing nearly 4 feet high, it is a valuable fodder variety, either for curing feeding green or for the silo, mixing with corn. It is a rich food unsurpassed as a flesh maker, and has been said to add 20 to 25 lbs. of weight to the cattle. Lb. 25c, postpaid; pk. 75c, bu. $2.50.

**GREAT BRAZILIAN FLOUR CORN.** One of the greatest novelties ever introduced into the field and is known as a marvelous plant. For more than 6 years our seed was always exhausted before the season ended, so great was the demand. You are sure to like it. It grows 8 feet high and from a kernel sends enough starch to produce 100 lbs. of flour per point. Twenty-five barrels of flour can be grown from 1 acre, and this flour is of a grade as is made of Dakota blue corn, which is five times as much as wheats produce per acre. 2-The bread and biscuit baked therefrom are fully as palatable as from any flour known. 3-When baked in green state it has no superior among coarse meal. It is one of those varieties that will remain to produce a crop, even if left alone for years. Several 100 pounds of this corn, allowing 2 kernels to a hill, will produce a good crop of flour and meal for Years. Now available at 50c, bag (1-1/2 bu.) $2.25, bu. $5.00. Price for 30c, 50c, 75c, postpaid; 5 qts. 71 c., 10 qts. $1.50, bu. $2.25, 25 qts. $6.00.

**STRAW CORN.** An increasing demand has made us sell what we believe to be a variety unsurpassed for fodder. It is a rapid growing corn with great length and power. It sends out tender stalks, and gives by far the greatest yield per acre of any corn we have ever grown. The value of a good crop of fodder corn for feeding cattle during the winter months has always been a matter of concern. The Superior Polder Corn and found that it will almost double the normal yield of corn by express or freight, 75c. bu. $2.50.

**TRIUMPH CORN PLANTER.** (See page 32.) A planter that will not bend or tip over. It is well made and is capable of producing 100 acres in one season. An excellent planter for small fields, and is sure to produce a good crop if cared for. Lb. 35 cents. 50c, 75c, postpaid; 5 qts. 71 c., 10 qts. $1.50, bu. $2.25, 25 qts. $6.00.

**COW PEAS.**

(Branching yellow milo maize.)(See Cut.) Grows from 9 to 12 feet high. Seed heads grow to great size, often weighing 3 or 4 of a pound, sometimes a full pound after rep. Being allied to sugar cane, cattle, horses and hogs will eat it readily. Tests show that this is a good crop for cattle, corn dried up within a few feet of the branchers. It is very rich in protein and fat. This is not exactly a pea, but belongs more properly to the bean family.

(Branching yellow milo maize.)(See Cut.) Grows from 9 to 12 feet high. Seed heads grow to great size, often weighing 3 or 4 of a pound, sometimes a full pound after ripe. Being allied to sugar cane, cattle, horses and hogs will eat it readily. Tests show that this is a good crop for cattle, corn dried up within a few feet of the branchers. It is very rich in protein and fat. This is not exactly a pea, but belongs more properly to the bean family.

(Cow Peas.)(See Cut.) The foliage and habit of growth is quite similar to garden peas. The Canada Field Peas is one of the very best soothing crops on the North, and is largely used for that purpose and for green manuring. It is sometimes grown alone, and makes excellent cow feed. The peas are grown in early in the spring, and are ready to cut in May or June. The seed should be sown at the rate of 1 or 1-1/2 bushels per acre.

**Improve Prolific White.** A very rich and nourishing, yielding all the best of the best. They are grown all over the tern and are greatly favored. These peas sell at fancy prices for silo use. Pt. 25c, qt. 45c, postpaid; pk. 60c. bu. $1.00, 10 bu. $10.00.

**May's Perfection Green.** A height of the vine three and one-half to four feet. Of the same general character as the Improved Prolific White, used for the same purposes, but the seed is green in color instead of white. Pt. 25c, qt. 45c, postpaid; pk. 60c. bu. $2.25, 10 bu. $22.00.
CLOVER AND GRASSES.

**Market Changes.** Owing to the unsteady condition of the market this season, prices are constantly changing. The prices given here are those ruling at the time this supplement was published, January 1st. Should our prices seem high in any instance, we would consider it a favor if our customers in making up their order for farm seeds in large quantities would write us, and we will be pleased to quote prices ruling at the time received. Or we will mail lowest at market price, as it is our intention to meet the competition of all reliable firms.

**Timothy.** (Phleum Pratense.) This seed is worth double that grown in similar latitudes. Try it and be convinced. It thrives best on moist, loamy soils, and under favorable conditions usually attains a height of about 3 feet. Sow at rate of 12 pounds per acre. Grade A, lb. 25c. postpaid; pk. 65c, bu. 48 lbs. $2.00, 8 bu. or over, bu. 60 lbs. $1.75. Grade B, pk. $2.00, bu. 40 lbs. $1.75 per bu.

**Alfalfa.** (See Cut.) (Medicago Sativa.) Also called Lucerne, Eternal Clover, and White Clover. This is truly the Farmer's Friend. Well adapted to dry locations, but thriving anywhere on well drained soil. It is a perennial plant, lasting many years under good treatment, and may be cut several times each season. The roots descend 4 to 15 feet into the earth in search of nourishment. One seeding stands for years. All cattle are fond of it. Use 20 to 35 pounds of seed per acre. Sow in April or May. An Alfalfa field is well worthy all care and expense required to produce it. The average yield of green forage per acre for 3 years including the first year was 18.27 tons of hay. Grade A, lb. 35c, postpaid; pk. 85c, bu. 60 lbs. $1.00, 8 bu. 40 lbs. $0.85 per bu.

**Bokhara Clover.** (Trifolium Luscanum) A rather tall growing white flowered variety that is excellent for feed. It is much liked by bees, which obtain a large amount of honey from them. Sow in spring or fall at the rate of 6 pounds per acre, when down. Grade A, lb. 25c, postpaid; pk. 75c, bu. 50 lbs. $0.90; grade B, pk. $2.35, bu. $8.50.

**White Clover.** (See Cut.) (Trifolium Repens.) A small headed white species that is very fragrant and exceedingly desirable for mixing with lawn grass seeds. Although it is not a heavy blue flowered clover, it is of great value in permanent pastures, as it affords a most nutritious food for animals. This variety will succeed in almost any soil. Usually about 6 pounds are sown per acre. Grade A, lb. 35c, postpaid; pk. $3.50, bu. 60 lbs. $13.00; grade B, pk. $3.25, bu. $12.50.

**Crimson Clover.** (Trifolium Pratense.) Persimmon Clover. This is also listed as "June Clover" by some firms but it is not. It is not a Perennial Clover and we don't want the farmers to think it is anything else. Our seed is carefully grown and selected for seed purposes. We know the government report will settle the question. It is a white seeded clover and attains a height of 3 feet; and is the best clover for hay. We are not going to sell a very large crop of hay, yielding from 3 to 4 tons per acre.

**Mammoth Red Clover.** (Trifolium Pratense Persicum.) Commonly known in England and Sapling. Well known in many parts of the States, is highly valued for its enormous yield and for reclaiming exhausted land. For hog pastures it has no equal, as it is superior to the Common Red or June Clover. Where permanent hog pastures are wanted, this variety has been the best results, as it is permanent, and does not freeze out as easily as the Common Red Clover, and is therefore better adapted for fall sowing. It will make very large crops of hay, yielding from 3 to 4 tons per acre.

**Crimson Clovers.** (See Cut.) (Trifolium Pratense.) This also is listed as "June Clover" by some firms but it is not. It is not a Perennial Clover and we don't want the farmers to think it is anything else. Our seed is carefully grown and selected for seed purposes. We know the government report will settle the question. It is a white seeded clover and attains a height of 3 feet; and is the best clover for hay. We are not going to sell a very large crop of hay, yielding from 3 to 4 tons per acre.
LAWN GRASS.

How to Make and Care for a Lawn—This useful leaflet will be mailed free to all who ask for it when ordering.

Prices on quarts include prepaid postage by us. Pecks and bushels are sent by express or freight at purchaser's expense.

May's Special Golf Link Mixture. This mixture is composed of grasses best suited for golf links, and is the result of experiments conducted on our grounds, as well as careful watching for several years of practical results obtained on golf links sown with our grass seeds. By the use of these mixtures and with proper care and attention, the finest golf links in the world can be successfully raved. Qt. 25c, pk. $1.00, bu. $3.00.

Shady Nook Mixture. In many lawns where there are large shade trees there are shady places where ordinary mixtures thrive but poorly or die out altogether. For such spots we have a special mixture of grasses, which will grow in the shade as well as in the sun. If you have shady, barren places in your lawn, try our Shady Nook Mixture. Qt. 25c, pk. $1.00, bu. $4.00.

Central Park Mixture. For lawns of any extent we recommend this as our best mixture. One quart will sow 300 square feet; three to four bushels will sow one acre. Qt. 20c, pk. $1.00, bu. $3.00.

May's Terrace Sod Mixture. A special mixture of grasses for sowing on terraces and side hills, producing strong, spreading roots, thus preventing heavy rains from washing out. It will withstand drought and exposure and thrive on shallow soils and at the same time produce a rich green lawn throughout the season. Qt. 25c, pk. $1.00, bu. $3.00.

EXTRA RE-CLEANED GRASS SEEDS.

Grasses, clovers, etc., are subject to market fluctuations. Should our present stock become exhausted we will fill orders at market prices. Prices quoted on one pound lots include the prepaid postage by us.

Bermuda. Grows over and binds the most arid and loose land; valuable for pastures, as well as for hay crops. Sow 3 to 5 lbs. to the acre. Oz. pk. 15c, 1/4 lb. 50c, lb. $1.25, postpaid; 5 lb. $5.00.

Creeping Bent. (Agrostis stolonifera.) Largely used in mixtures; desirable for croquet and small grass plots. 1 lb will seed 500 square feet. Lb. 30c, postpaid; 10 lbs. $1.50, 100 lbs. $15.00.

Crested Dog's Tail. (Cynosurus cristatus.) A dwarf growing sort, valuable for dry soils, and hills pastured by sheep; very hardy and little affected by hot or cold weather. Sow 25 lbs. per acre. Lb. 75c, postpaid; 10 lbs. $1.00, 100 lbs. $10.00.

English Rye. (Lolium Perenne.) An all-season grass, best for mixing with other grasses. Sow 20 to 30 lbs. to the acre. Lb. 20c, postpaid; 10 lbs. $1.00, 100 lbs. $10.00.

Fowl Meadow. (Panicum virgatum.) Sows in all most any soil; desirable for mixing with other grasses. Sow 20 to 30 lbs. to the acre. Lb. 20c, postpaid; 10 lbs. $1.00, 100 lbs. $10.00.

ORCHARD GRASS.

Hard Fescue. (Festuca lurida.) Best adapted to the drier portions of the United States region; makes fine sheep pasture. Hardly perennial, growing 2 to 3 feet high. Sow 40 to 45 lbs. per acre. Lb. 30c, postpaid; 10 lbs. $1.00.

Italian Rye. (Lolium Italum.) Desirable for meadows and permanent pastures. Sow 20 lbs. per acre. Lb. 20c, postpaid; 10 lbs. 90c, 100 lbs. $7.50.

Johnson Grass. (Bromus jubatus.) A perennial with rapid growth, long, cane-like roots, the stalk and panicle resembling sorghum. Sow 25 to 30 lbs. per acre. Lb. 25c, postpaid; 10 lbs. $1.25, 100 lbs. $10.00.

Meadow Foxtail. (See Cut.) (Alopecurus pratensis.) An Old World perennial. Valuable for permanent pastures; does best on moist soils. Sow 25 lbs. to the acre. Lb. 30c, postpaid; 10 lbs. $2.00, 100 lbs. $18.00.

Meadow Fescue or English Blue Grass. (Festuca Elatior.) Succeeds in all best on moist lands. Sow 25 lbs. per acre. Lb. 25c, postpaid; 10 lbs. $1.00, 100 lbs. $8.50.

Meadow Soft. (Holcus lanatus.) Desirable for soft, peaty ground; a hardy perennial, 18 to 20 inches high. Lb. 25c, postpaid; 10 lbs. 90c, 100 lbs. $7.50.

Kentucky Blue Grass. (The Great American Grass.) The old standard grass for pasture and lawns. Every farmer knows it and its good qualities. An old "Blue Grass Farmer," of Central Kentucky, says about it: "Whoever has limestone land has Blue Grass; whoever has Blue Grass has the basis of agricultural prosperity, and that man, if he has not the finest horses and cattle has no one to blame but himself. He can hardly avoid doing well if he tries." Sow 25 to 30 pounds to the acre for meadow, for lawns 50 to 80 pounds per acre. Best Fancy Grade, Solid Seed, lb. 50c; by express, 5 lbs. 70c, 25 lbs. $2.25, 100 lbs. $12.00. Extra Re-cleaned, lb. 25c, postpaid; 5 lbs. 30c, 25 lbs. $2.25, 100 lbs. $6.00. Prime Re-cleaned Seed, lb. 20c, postpaid; 5 lbs. 40c, 25 lbs. $2.75, 100 lbs. $8.00.

Orchard. (Dactylis glomerata.) Suitable for a soils, valuable for pastures, also for mixing with other grasses. Sow about 30 lbs. to the acre. Lb. 30c, 10 lbs. $1.00, 100 lbs. $16.00.

Red Top. (Perennial; Agrostis Vulgaris.) Particularly adapted for permanent pasture. Good for lawns on wet, undrained land that is occasionally overwatered. Sow 14 pounds 8 bushels per acre and one-fourth that amount of solid seed, Sow 40 lbs. per acre, 1/4 bushel, postpaid; 10 lbs. $2.25, 100 lbs. $13.00. Extra Re-cleaned, lb. 25c, postpaid; 5 lbs. 30c, 25 lbs. $2.25, 100 lbs. $6.00. Prime Re-cleaned Seed, lb. 20c, postpaid; 5 lbs. 40c, 25 lbs. $2.75, 100 lbs. $8.00.

Rescue. Grows rapidly, seeds freely. Sow 30 to 40 lbs. to the acre. Lb. 40c, postpaid; 10 lbs. $2.25.

Rhode Island Bent Grass. (Agrostis Canina.) Particularly adapted for permanent pasture. For lawn purposes, if sown alone, sow at the rate of 40 lbs. per acre for pastureage, 24 lbs. per acre. Lb. 40c, postpaid; 10 lbs. $2.25.

Rough Stalk Meadow. (Poa trivialis.) Closely related to Kentucky Blue. A perennial, grows 2 to 3 feet high. Sow from 25 to 30 lbs. to the acre. Lb. 40c, postpaid; 10 lbs. $2.25.

Sweet Vernal. (Anthox anthus odorum.) Valuable for mixing with pasture grasses. Sow 2 to 3 lbs. to the acre when mixed. Lb. 25c, postpaid; 10 lbs. $1.50.
GRASS SEEDS—Continued.

**SPECIAL MIXTURES OF CLOVERS AND GRASSES SUITABLE FOR ALL SOILS.**

May's Famous Hog Pasture Mixtures.

We have given special attention to the selection of the varieties and to the making up of the mixtures for hog pastures. In our experience we find that hogs can be raised more profitably and to better advantage when pasture is given to them. The following are hogs' grasses and clovers, which we have found suitable for various types of soil and land.

**No. 1.** Hog Pasture, clover grass mixture for quick results and a full crop the first year. When sown early in the spring when the grass and clover are fast growing, followed by several weeks' growth, the mixture is ready for grazing the first year.

**No. 2.** Specially adapted for a permanent pasture. The clover grasses and clovers contained in this mixture are spread evenly over the pasture, and will produce a full crop of grass and clover for several years. We have found it best to sow this mixture in the fall, and allow it to remain over the winter, so as to have the grass and clover in full growth in the spring. We recommend the following:

- **Red Clover.**
- **White Clover.**
- **Alfalfa.**
- **Lamb's Quarters.**

**No. 3.** Pasture mixture for quick results and a full crop the first year. This mixture is sown the first year, and will produce a full crop of grass and clover the first year. We recommend the following:

- **Red Clover.**
- **White Clover.**
- **Alfalfa.**
- **Lamb's Quarters.**

These mixtures will produce a full crop of grass and clover the first year, and will continue to produce a full crop of grass and clover for several years. We have found it best to sow these mixtures in the fall, and allow them to remain over the winter, so as to have the grass and clover in full growth in the spring.
A Field of Siberian Millet.

Valuable for all sections of America. It is the greatest stover ever introduced. Six quarts will sow an acre. Nothing since our introduction of Bromus Inermis has created such a sensation in the farming sections of America as the Siberian Millet. It is, without exception, the heaviest yielding millet in the world, giving several times the yield of any other variety. It has been thoroughly tested in all sections of America and Canada, and the reports from different parts of this country prove that it will in time take the place of all other varieties. Tests show that as high as eight tons of millet have been cut from one acre, and the quality surpasses that of any other variety. It does not grow rank or coarse, but the entire stalk is of such a clean quality that it is readily eaten. Although there are numerous varieties, they are as fine as can be, making it of the greatest value to farmers everywhere. The various reports received from drought stricken districts show that it will stand more hot, dry weather than any other sort, and it has been known to yield heavily when other varieties failed almost entirely.

A FEW REASONS WHY THE NEW SIBERIAN MILLET IS THE BEST VARIETY EVER INTRODUCED.

1. No other millet equals it in profusion of blades or quality.
2. It is extra early, usually about two or three weeks earlier than the German or Golden.
3. It surpasses every other millet in yield.
4. It makes the best hay, as it produces the greatest profusion of blades, and is unequaled in quality, while the yield is something enormous.
5. It is a Russian variety, consequently very hardy, and possessed of unusually vigorous habit.

We think the above reports will prove that our Siberian Millet is something that no farmer in America can afford to be without. The seed costs more, but the yield is so enormous that the first cost is very small compared with the returns. We want to call particular attention to the fact that our Seed is Northern Grown, and is consequently harder and stronger in growth than that secured from lower latitudes. Lb. 25c, postpaid; bu. $1.00, 10 bu. $10.00.

Common Millet.

Lb. 25c, postpaid; pk. 30c, bu. $1.00, 5 bu. $4.50, 10 bu. $8.00.

Hog Millet.

Lb. 25c, postpaid; pk. 40c, bu. 90c, 5 bu. $4.00.

German or Golden Millet.

True Southern Grown. This is a medium early millet, growing from 3 to 5 feet in height, and in good seasons has been known to produce over 5 tons of hay to the acre, and from 70 to 80 bushels of seed. It will grow in almost any soil or climate.

40c, bu. $1.10, 5 bu. $5.00.

Japanese Barnyard Millet.

Has proven an enormous yielder in all sections of the U.S. producing hay and fodder of most excellent quality and growing on any soil. 10 to 12 lbs. per acre broadcast being sufficient. In drills 8 lbs. per acre. Lb. 25c, postpaid; 10 lbs. $1.00, 100 lbs. $9.50.

1.—It’s the heaviest yielding wheat in the world. 2.—It is perfectly hardy and can be grown in any section. 3.—It’s early, and this alone is a valuable point. 4.—It makes the choicest flour and is the best milling wheat we know of. 5.—It will increase your crops and bring you more money per acre than any other wheat.

Description: This, together with Oats and Corn, is the greatest of all the farmer’s crops, and no bright, intelligent man wants to be without it, and several varieties. which have been offered the past few years, and out of the entire lot this wheat was selected, and has been improved each season until we now offer it with the feeling that we have secured wheat which will in time take the place of all other varieties. It has proven to be the most prolific, heaviest stooling and finest milling wheat ever offered, and this is enough to recommend it to any farmer who is a wheat grower. Its being grown for years in the extreme North assures all of its hardiness. This, with its heavy yields and its earliness, will make it the most desirable variety for all sections of America. If you want to get a heavy yield and make money this season, you can do it by sowing the Early Wonder Wheat, Bonanza King Oats and Mastodon Corn, the three heavy cropping farm favorites.

Prices—Pkt. (2 oz.) 10c, Lb. 50c, 4 lb. $1.00, postpaid; pk. 50c, bu. $1.50, 10 bu. $15.00.

Minnesota No. 163. Originated at the Minnesota State Experimental Farm, and was introduced by us two years ago. The heads are long, well filled with medium sized, plump kernels. Flour made from this variety shows a higher gluten test than most sorts. The straw is medium height, very strong and wiry, never known to lodge or rust. It stools very heavily, producing enormous crops of No. 1 hard. Lb. 25c, postpaid; pk. 50c, bu. $1.50, 10 bu. $14.00.

Pedigree Blue Stem. An improved strain of Blue Stem. Yields heavy, not only here at home in the Northwest, where wheat is the main crop, but everywhere and under all conditions. The heads are very large and well filled, the kernel is hard, the plant stools freely, and under ordinary conditions will yield 40 to 50 bushels per acre. Lb. 25c, postpaid; pk. 50c, bu. $1.50, 5 bu. $7.00, 10 bu. $14.00.

Saskatchewan Fife. Noted for its great productive- ness, earliness, vigor and freedom from smut and all diseases. The kernels are hard and flinty, whereby it is recognized as a No. 1 milling wheat, adapted to all states where wheat can be grown. Lb. 25c, postpaid; pk. 50c, bu. $1.50, 10 bu. $14.00.

Macaroni Spring Wheat. It is not only true that Macaroni Wheat can be grown in dry districts, but it must be grown there in order to produce the best quality of grain. Seeded April 25, it was ripe, cut, threshed and in the granary August 6. The short period required for a wheat to grow the more valuable it will be to a locality subject to summer droughts and hot winds. This wheat gives the best results on new land. sow at the rate of 1 1/2 bushels per acre. Lb. 25c, postpaid; pk. 40c, bu. $1.50, 10 bu. $14.00.

Reliable Minnesota. (Winter Wheat). Beyond any other wheat we have introduced. Lb. 25c, postpaid; pk. 50c, bu. $1.50, 10 bu. $14.00.

Rye, Spring Dakota Mammoth. Its greatest value lies in the fact that it may be used as a catch crop, to sow where winter grain has been a failure. Sow at the same time you do spring wheat, at the rate of 1 1/2 bushels per acre. Lb. 25c, postpaid; pk. 40c, bu. $1.35, 10 bu. $13.00.

Rye, Winter. This is the sure crop for dry country ranches. Lb. 25c, postpaid; pk. 40c, bu. $1.35, 10 bu. $12.50.
BONANZA KING.

A Record Breaker Oat—Yields of 75 to 143 Bushels per Acre—It has given Great Satisfaction Everywhere and Thousands of Farmers Throughout the Country Having Raised Them say that They Stand at the Head.

The straw is very stiff, supporting long heads that stand freely and yield remarkably. The original seed stock was selected from a crop that weighed over 45 pounds to the measured bushel. The grain is as heavy as any in existence today, and from recent tests proves it far superior to any white oats in cultivation. The Bonanza King has been carefully selected and improved for several years until it now stands with a record that has never been equaled. We hope to supply all our customers who want to change their seed and every farmer knows that change of seed is a great benefit and, as long as such a grand variety can be had at as low a price, we believe it is to their advantage to do so. Order early as there promises to be an extraordinary large demand this spring. Lib. 25c postpaid; pk. 35c, bu. $1.00, 10 bu. $9.00.

White Russian. This splendid oat, although quite extensively grown in some sections, is not as well known as some of the older sorts, and it is not receiving the attention it deserves. Some farmers who are not acquainted with the Russian Oat have an idea it is very late. It will ripen from 4 to 5 days later than our earliest oat here in Minnesota. If a quantity of oats are to be sown it is always best to sow two kinds, an early and a late. Sow Scottish Chief for early, and for second early sow White Russian. It will not shell out even if it does get over ripe. Heavy rain storms will not lodge it, for it grows much stiff and strong straw. The kernels are of good size and uniform length. The heads are long, heavy laden, curve gracefully downward, sometimes nearly a foot in length, with kernels crowded closely together. It is in fact the prettiest white oat introduced, and will always bring the highest price on the market. In this great grain growing state, Minnesota, the Russian Oats are grown more extensively than any other sort, which speaks well for its superiority in the grain market, as well as its earliness. Our seed of this variety has been carefully selected, and we highly recommend it to our customers. Lib. 25c, postpaid; pk. 30c, bu. 90c, 10 bu. $5.50.

Black Tartarian. The most profuse and distinct variety ever introduced. Many farmers are convinced that Black Oats are more reliable croppers than white, which is to a certain extent true, as they will endure more hardship and exposure and still make a good crop. These oats are the result of an importation of seed from England several years ago, where black oats are much preferred and about three times as many are grown as white oats. They are fully as good as the white sort for feeding, and are very early. The straw is very stiff, the heads are long, and yield heavy crops of grain, weighing thirty-five to forty-five pounds to the measured bushel. Claimed by many to be almost drought proof. Our seed has been carefully grown. They have always been free from rust, mainly on account of vigorous growth and early maturity. Lib. 25c, postpaid; pk. 35c, bu. $1.25, 10 bu. $10.00.

Golden Cluster. The original seed of this sort was obtained directly from Scotland, and was carefully planted and grown by us. It proves to be very hardy and a vigorous grower. In height it averages about the same as our famous Scottish Chief. The straw is very stiff, and is never known to lodge. It has a record of yielding 188 bushels to the acre, when other varieties in the same field yielded only 50 to 60 bushels. The seed we offer of this sort is grown by us, therefore the genuine. Lib. 25c, postpaid; pk. 40c, bu. $1.25, 10 bu. $10.00.

Lincoln Oats. This new oat has done remarkably well in all sections. It is very early and thus far proved to be rust proof. It has given wonderful results as a yielder; in one instance 170 bushels were grown from one bushel of seed. Straw is stiff and strong. Grain is handsome and is valuable for feeding as well as grinding for oatmeal, on account of its thin hull and heavy meat. Lib. 20c, postpaid: pk. 25c, bu. 30c, 10 bu. $3.50.

Scottish Chief.—For illustration and description see inside front cover and page 6.
RAPE:

CULTURE—It can be sown in drills far enough apart to cultivate, or broadcast. If sown in drills, 7 pounds per acre is necessary. The best way to sow it is broadcast, on very clean soil, or to sow it with your spring grain at the rate of 15 pounds per acre. After the grain is removed it will grow rapidly and form excellent pasture. If sown without covering, it matures more quickly and furnishes pasturage sooner. In sowing, cover it, but one inch deep. It is a great soil enricher, and as it is cheap it would not be amiss to sow in all the fields where you intend to plow under in the fall, as rape plowed under enriches the soil quickly.

Dwarf Essex. The best forage plant for the sheep growers of America. It is highly recommended by Professor Shaw, of the Minnesota Experimental Station, and many other leading authorities on stock feeding. It has yielded ten tons of green forage per acre, and has twice the feeding value of green clover. Sheep, swine, cattle and poultry eat it readily, but it is particularly desirable for sheep on account of its fattening qualities. Rape will do well on almost any soil, but gives best results on coarse land. Professor Shaw says: "On 5 acres of rape, after winter rye had been removed, 337 sheep and lambs were fattened thereon, and 15 steers fed on rape alone was 7 1/2 tons of corn, or broadcast." Lb. 25c, postpaid; 10 lbs. 25c, 50 lbs., $3.00, 100 lbs., $5.00.

Dwarf Victoria. A standard sort of German origin, sold by seedsmen in this country, and highly recommended by agriculturalists both in Europe and America. In our tests we find that Dwarf Essex will surpass Dwarf Victoria in all respects of growth and hardiness. We will furnish Dwarf Victoria Rape at the following prices. Lb. 25c, postpaid; 10 lbs. 90c, 100 lbs. $6.00.

SPELTZ. (See cut.) The wonderful Grain from Russia. Russia has given us Barley inermis, the most notable addition to our list of grasses in many years. She has come to the front with a grain which is fully demonstrated to be of extraordinary value for growth on poor soils and in droughty sections. It is neither wheat, rye, nor barley, and yet it appears to be a combination of these. It is more like wheat than any of the others mentioned. For stock, garden, poultry, horses, sheep, pigs, etc., it is claimed to be ahead of other grains; in fact all kinds of animals seem to thrive it to be ahead of corn, superior to oats and

DWARF ESSEX RAPE.

FLAX FOR SOWING. The demand for this seems to increase each season. The acreage in the Northwest last year was very large. It should be sown late enough in the spring to avoid frost but as early as possible to secure the early spring rains. When grown for the fibre about one bushel should be sown to the acre, but if for seed alone usually 1/2 bushel is sufficient. Cut it before thoroughly ripe, if the weather is warm and the earth dry, let it lie in the swath a few hours, when it should be raked and trenched for the winter. Thrash during dry weather in the fall months. Lb. 25c, postpaid; 100 lbs., $1.75.

CANE. (See cut) A wonderfully prolific forage plant which somewhat resembles corn, but the leaves are broader and the stalk contains a large amount of saccarine matter. Its value lies in the fact that it can be cut several times during the season, and when allowed to remain without being cut attains a height of 12 feet. Our experience shows that it is particularly adapted to the Middle or Southern States. Seed should be sown after the ground is perfectly warm, and the weather settled, at the rate of about 4 pounds per acre. The best plan is to plant in drills, 3 feet apart, 3 seeds about every 12 inches in the drill. Lb. 10c, 25c, 50c; 10 lbs., $2.00, 100 lbs. $3.50.

MINNESOTA EARLY AMBER SUGAR CANE. (See cut.) This is the only variety of cane that makes a fine syrup, clear as crystal. Cane syrup made from our Early Amber Cane, grown right here in Minnesota, has become famous. All kinds of stock are exceedingly fond of it, and the farmers all over the country are beginning to realize that it is one of the best green fodder plants that can be procured. Its cañiers adapt it to almost every section of the country, and its enormous yield often reaching 20 to 250 bushels of seed, makes it invaluable for large growers. It is exceedingly difficult to procure pure seed, but we believe that the stock we have to offer is the best that can be obtained. Lb. 20c, postpaid; 10 lbs. 50c, 50 lbs. $2.00, 100 lbs. $3.50.
VETCHES.
The Wonderful Sand or Hairy Vetch.
(Vicia villosa.) Sometimes called the Winter Vetch. This useful plant is noted for its extreme hardiness and promises to be highly valuable as a cover crop to prevent leaching, as well as forage and fertilizing purposes. It is an annual, but drops its seeds freely, and will come up year after year on the same ground. The Washington Department of Agriculture estimates the value of an acre of this Vetch plowed under equal to putting into the ground $16 to $24 worth of commercial fertilizer. One important feature is that it is sown in April or September. The ground before winter sets in and prevents washing of the soil during the winter and early spring, thus saving a great portion of soluble minerals in soil, which otherwise would wash or leach out. It can also be sown in April and will be ready to cut by the middle of July, the second growth affording excellent hay pastures during the summer. The yield of green forage varies from 10 to 15 tons per acre, equal to 4 or 5 tons when cured and seasoned. It is a valuable forage for hogs and also a most valuable fertilizer. From 50 to 60 lbs. are sown per acre and cultivated same as field peas. Lb. 25c, postpaid; 10 lbs. $1.25, 25 lbs. or over 10c per lb. postpaid.

IMPORTANT—The seed we offer is the true Sand Vetch (Vicia villosa) sold by some seedsmen as the Sand Vetch.

**Spring Vetches or Tares.** These are a species of pea, and grown extensively for stock feeding. They are excellent food for hogs and also a most valuable fertilizer. From 50 to 60 lbs. are sown per acre and cultivated same as field peas. Lb. 25c, postpaid; 10 lbs. $1.25, 25 lbs. or over 10c per lb. postpaid.

**Kidney Vetch.** Perennial. Valuable for dry sands or poor soils. Sow 25 lbs. to the acre. Lb. 25c, postpaid; 10 lbs. $1.25.

**MAMMOTH RUSSIAN SUNFLOWER.**
Single heads measure fifteen to twenty-two inches in diameter, and contain an immense amount of seed which is highly valued by all farmers and poultry breeders, who have tried it, as an excellent and cheap food for fowls. It is the best egg-producing food known for poultry. It can be raised cheaper than corn and is destined to be an article of great value as soon as it becomes generally known. Every farmer should plant some of the seed in any waste place of ground any time from early spring to the middle of July. It is a wonderful improvement on the old native Sunflower, and besides the great value of the seed as a poultry and stock food, its leaves make capital fodder, while its strong, thick stalk can be profitably used as fuel. Per oz. 5c, per lb. 25c, 3 lbs 65c, postpaid; 10 lbs. 100 lbs. $6.00.

**VELVET BEAN.**
This bean is creating a great sensation in the South and Middle North. It is certain to become one of the best of the green manure or fertilizing plants. It is a tremendous grower, very hardy, and is destined to be an article of great value as soon as it becomes generally known. Every farmer should plant some of the seed in any waste place of ground any time from early spring to the middle of July. It is a wonderful improvement on the old native Sunflower, and besides the great value of the seed as a poultry and stock food, its leaves make capital fodder, while its strong, thick stalk can be profitably used as fuel. Per oz. 5c, per lb. 25c, 3 lbs 65c, postpaid; 10 lbs. 100 lbs. $6.00.

**LUPINS.**
One of the best plants known for reclaiming poor and particularly sandy and old worn out land. By plowing in the Lupins such land can be made very productive. It is so highly valued in Germany that it is called the "Gold of the Desert" or Desert Reclamer. When dried for fodder it is very good for sheep. Lb. 25c, postpaid; 10 lbs. 100 lbs. $6.00.
GIANT SPURRY.

Spurry is of great value for light or thin ground, and several years’ experimenting at the Michigan Agricultural Experiment Station has shown that it is the only plant which can be successfully grown on sandy, dry soil, that will surely return a paying yield. Dr. Manley of the Agricultural Station, Lansing, Michigan, calls it the clover of sandy soils, yielding 7,700 pounds per acre. The Spurry is a well-adapted plant for hay, and has been so used for many years in the state, and is now becoming popular in other states. It is a handsome plant and stands up well in winter weather, and has a decided Advantage over the clover as a hay plant.

It comes next to clover as a fertiliser. Take the poorest land or the worst land that you can imagine and sow 20 lbs. of Giant Spurry per acre. Do this two years, and you will have a soil for wheat, oats, and all crops;

CULTURE OF GIANT SPURRY.—It is of very rapid growth and is sown the latter part of March, April or May, at the rate of 10 pounds per acre if wanted for hay. The seed is sown broadcast on well prepared soil and covered lightly by harrowing. It germinates quickly, and in from 6 to 8 weeks is ready to cut. It thrives so well that it is always ready for hay the first of September, and will stand 20 pounds per acre are sown, and when from 15 to 20 inches high, plowed under. Two crops can be cut in one season.

VILD RICE. Valuable as a food for wild fowls, Sown in large quantities along the edges of ponds, lakes and streams. It is also used for bird seed. It is easily grown, and is sown early in the spring. It is very hardy, and will stand frost in March. The best way to sow it is on a hill or in a clump. The rice is grown in the fall, and in the spring commences to sprout sooner than any other grain. The grain is sown from 6 to 10 feet apart, and in 30 lbs. per acre is sown. It is a good bird seed, and is easily grown.

The Cyclone Seeder, $1.50.

This is the only seed planter that will plant even, even, and satisfactorily. It is a perfect planter, and is the only one that will plant with accuracy. The machine is easy to operate, and is the only one that will plant with accuracy. The machine is easy to operate, and is the only one that will plant with accuracy.

Champion Dry Powder Gun. This useful machine supplies a long felt want in that it applies the pure Paris Green in dust form directly to the potato vines, killing the bugs quicker and more effectually than if applied in any other manner. The long tubes carry the dust away from the operator, and there is no danger of poisoning. Two rows can be powdered at a time. A man can plant ten acres quicker with this machine than he could with the old fashioned sprinkling cans. It is invaluable to large growers and is a very handy machine for the garden, vineyard, and orchard. It is portable and a hundred other pieces which will suggest themselves if you have one. It is made to order and can be made to order.

Little Giant Duster. This is a machine made on the same principle as the Champion or private gardens and small truckers $3 each.

Improved Cahoon Seed Sower. The old standard model for sowing wheat, oats, barley, rye, buckwheat, grass seeds, etc.

For Cultivators, Sprayers and Sundries see page 109 to 111.

Improved Acme Potato Planter. Page 50.
Northern Grown Seed Potatoes.

Our Potato Farms being the most extensive in the Northwest, situated in Washington County, one of the most fertile spots of Minnesota, and where the soil is most conducive to the successful cultivation, we supply our customers with stock such as few seedsmen are in a position to do. Our large storage cellars give us special facilities for handling our stock.

We have for years made a specialty of potato growing, and have introduced several new varieties of great merit, such as the Alcona, Bismarck, May's Late and many others. Two years ago we introduced the Netted Gem, (the great Montana seedling which we illustrate on the inside front cover,) which we feel eclipses all the other varieties of late introduction. Our extensive experiments have led us to select stock of extraordinary quality, and our patrons can be assured that if early, medium or late sorts are required they will receive the same true to name.

We ask a careful perusal of our list, and our prices will be found low considering the quality and variety.

We are often asked if we ship more than one variety of potatoes in a barrel. This we do, placing one kind in the barrel loose, the rest in separate sacks, making no extra charge for bags, barrels or packing.

SIR WALTER RALEIGH.

(See cut.) A grand new potato, a quick maturing main crop variety, of best keeping qualities and rare productivity. A new white skin, main crop, potato. It is a splendid new potato, much resembling Rural New Yorker No. 2, of which it is a seedling. It is decidedly better than its parent, the tubers being quite uniform in size, with but few small ones among them. It is from 4 to 6 days later than the parent plant.

The color is the same, the skin and flesh being white. In fact, it can be justly claimed for Sir Walter Raleigh that it is the whitest fleshed and finest grained potato on the whole list of main crop sorts, not even excepting the Snowflakes. It promises to supersede all other sorts of its class on account of its sterling excellence. On the grounds of the Rural New Yorker it produces the best and heaviest crop of 40 varieties. Farmers who plant this sort are practically certain of getting big returns on their investment, as it invariably yields big crops and the potatoes always bring a good price on the market.

Earl"y Harvest. A beautiful oblong early potato of the greatest vigor and a heavy yielder. For an early potato this has no superior. Resembles somewhat the Polaris, but much more vigorous and productive, and of the very best quality.

Ess Market. (See Cut.) Grows a rather sparse, upright top, matures its crop very quickly, and produces heavy yields of large, smooth potatoes, with very few small ones.

Bliss' Red Triumph. Color, a beautiful light red. Size, medium, very uniform in growth. Shape, nearly round; flesh white, very mealy when cooked. Lb. 25c, pk. 65c. bu. $2.00, bbl. (2 to 4 bu.) $5.00.

Early Fortune. A strong grower. In form and color it resembles the Early Rose, but in quality it surpasses it. The quality, shape and color are of the best. We have raised this potato ourselves on a large scale, and find it to be a very early sort and a splendid cropper. Our customers can make no mistake in planting the Early Fortune. Lb. 25c, pk. 65c. bu. $2.00, bbl. (2 to 4 bu.) $5.00.

SIR WALTER RALEIGH.

Bismarck. A luxuriant, healthy grower, free from disease, blight, scab or rot. A medium early sort which we introduced last season; originated in Germany. It is of medium length, smooth, white, containing a large per cent of starch. The vines are vigorous and very productive. Its growing merit lies in its cooking qualities, which will ultimately place Bismarck on every table where quality is appreciated. Its handsome, white appearance attracts the attention of all.

Early Ohio. These are so well known as to need hardly any description. Very early, and is always fit for use before fully ripe. Lb. 25c, pk. 65c. bu. $1.75, bbl. (2 to 4 bu.) $4.50.

May's Late. This is by far the best potato for general and late use we know of. Flax white, cooking qualities unsurpassed. Vines of vigorous growth, and will stand the drought better than most varieties. The tubers of uniform size. We regard this as the most valuable late variety. It is enormously productive, and the most profitable potato that can be grown. Lb. 25c, postpaid; pk 60c; bu. $1.75, bbl. (2 to 4 bu.) $4.50.

The Acme Tubular Potato Planter.

$1.00. This is undoubtedly the most improved, strongest and yet the most simple planter on the market at the present time. It plants uniformly in all kinds of soil. It is far ahead of the common Acme, and experience proves to us that it is worth twice as much to any farmer. It does its work quickly and equally as well as many of the potato planters sold at ten times its price. $1.00.

EARLY MARKET.
GROWN IN THE GOLDEN GRAIN BELT OF THE WORLD

FLOWER SEEDS

A FEW WORDS ABOUT OUR FLOWER SEEDS.

All flower seeds sent free by mail on receipt of price. Full cultural directions are given on back of each package, and if such instructions are followed out, success is certain.

SPECIAL ATTENTION has been given to the collections named on this and the following pages. The best varieties are used in these and our customers can rely on receiving special values whenever they order our collections.

After many years' experience in growing and handling flower seeds, we think we have tested thousands of varieties, we present here a list of a few of the best which are of free growth and well fitted for successful cultivation by amateurs.

We have found that by careful test and selection each year we are enabled to offer our customers the choicest and finest stocks only. OUR SEEDS ARE ALL TESTED.

We must call your attention to the fact that every order, however large, if the seed is sown early, will produce an abundance of flowers the first season. Biennials are varieties which leave the first year and bloom the following season; however, a large number of seed must be sown to ensure getting a large number of bloom.

Annuals bloom and die the first season from seed. Perennials are varieties which bloom the first season from seed, but not having seed cover, too deeply for the air is required to provide proper growing conditions.

The following variety of type as well as germinating qualities, so that none but THE BEST are sent to our customers.

Rich, light, sandy loam is best adapted to growing flower seeds of the summer annuals. For those which require large containers, the loam used should be of good cultural quality, with a certain amount of lime. For seed transplanting, it is advisable to use soil which has been handled properly for the growing season. Use plenty of water, air and sunlight.

EXTRAS FREE.

ABROBRA VIRIDIFLORA. Perennial. A quick growing, half hardy climber with rich, dark green foliage and bright scarlet fruit. Pkt. 5c.

ABRONIA UMBELLATA. (Sand Verbena.) Annual. A pretty trailing plant producing clusters of sweet scented Verbenas like flowers of rose, lilac and rosebud with a white eye. Pkt. 5c.

ABUTILON. Flowering Maple. (Chinese Bell Flower.) Tender Perennial. Elegant plants for house or conservatory culture—Beautiful, drooping, bell shaped blooms. INE MIXED. Of various shades and colors. Pkt. 5c.

ACANTHUS LATIFOLIUS. Hardy Perennial. Valuable for its tall, stately foliage and long spikes of bloom. Pkt. 5c.

ACHILLEA. The Pearl. (Sneezewort.) Hardy Perennial. Most beautiful double, pure white blossoms borne in clusters in great profusion during the summer months. One of the best and hardiest in our entire list. Pkt. 5c.

ACONITUM NAPELLUS. (Monk's Hood or Wolfsbane.) Hardy Perennial. Produces long spikes of helmet shaped flowers. Fine for planting among shrubbery or in and blooming edges of the garden. Pkt. 5c.

ACROCLINUM. Annual. Lovely white and rosy pink flowers, which, in the bud state, can be dried and used in winter bouquets.

ALBUM, white. ROSEUM, Pink MIXED, all colors. Pkt. 5c.

COLLECTIONS.

For the benefit of our patrons who do not know just what to select we offer the following selections of our collections. They are sure to please and offer many rare and valuable varieties will be found among them.

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Pkt.</th>
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<tr>
<td>49</td>
<td>6 packets Summer Flowering Annuals</td>
<td>25c.</td>
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<tr>
<td>50</td>
<td>12 packets Summer Flowering Annuals</td>
<td>50c.</td>
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<tr>
<td>51</td>
<td>25 packets Summer Flowering Annuals</td>
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<tr>
<td>52</td>
<td>6 packets Hardy Perennials</td>
<td>25c.</td>
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<tr>
<td>53</td>
<td>12 packets Hardy perennials</td>
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<tr>
<td>54</td>
<td>12 packets Quick Growing Annual Climbers</td>
<td>50c.</td>
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<tr>
<td>55</td>
<td>12 packets Easy Growing Annuals for House Culture</td>
<td>50c.</td>
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<tr>
<td>56</td>
<td>12 packets Quick Growing Annuals for pot or Window Boxes</td>
<td>50c.</td>
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<tr>
<td>57</td>
<td>12 packets Choice Growing Annuals for Bouquets, etc.</td>
<td>50c.</td>
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<tr>
<td>58</td>
<td>An Old-Fashioned Garden—12 packets Choice Perennials.</td>
<td>50c.</td>
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<tr>
<td>59</td>
<td>Everlasting Flowers—6 packets Separate sorts</td>
<td>25c.</td>
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ADONIS. (Pheasant Eye.)


AGERATUM. (Floss Flower.) Annual. Blue, White, Pink, Pkt. 5c., 25c.


ALONSOA. (Mask Flower.) Annual. Fine for bedding plants producing scarlet and white blossoms in great profusion. Pkt. 5c., 25c.

ALYSSUM. GOLDEN STAR. Perennial. Single plants easily cover a square foot in a single season, and produce many hundreds of bright yellow flower heads. Pkt. 5c.

LITTLE BEAUTY. Annual. Of dwarf compact habit, seldom growing over 6 inches in height, and covered the entire season with pure white blossoms. Pkt. 5c.

SWEET SCENTED. Annual. A most lovely bloomer. Pkt. 5c., oz. 1c., 1/2 lb. 40c.

ANTARANTHUS. Annual. A very graceful clump of highly ornamental plants, growing tall and stately.

CAUDATUS. (Love lies bleeding.) Blood red, drooping 3 feet high. Pkt. 5c., oz. 25c.

SALICIFOLIUS. (Fountain Plant.) Of pyramidal, drooping habit, branching close to the ground. Pkt. 5c.

TRICOLOR SPLENDENS. (Joseph's Coat.) Polka dot, variegated crimson, yellow and green. Pkt. 5c.

MIXED, all the above and many others. Pkt. 5c.

AMPELOPSIS VEITCHI. (Japan or Boston Ivy.) Hardy Perennial. The well-known climber, easily grown from seed. Pkt. 5c., oz. 25c.
MAY'S ASTERS.

These ever popular annuals require a rich, light soil, and in hot, dry weather should be thoroughly mulched with well rotted manure, and frequently supplied with liquid manure. The extra care and labor will be well repaid by the increased size and quality of bloom.

FIRE KING.

One of the most brilliantly colored Asters we have ever seen. The flowers are of enormous size, a rich shade of deep crimson, and often measure as much as 3 inches in diameter. The blooms are of perfect form, the petals deep, heavy and slightly incurved. The plant is of upright, bushy habit and has been known to bear as many as 25 or 80 flowers. The vigorous, healthy habit of the plant and the freedom with which the flowers are produced recommend it to everyone. Pkt. 10c.

SNOWBALL.

Valuable for mowing in beds or pot culture. It grows to a height of about 15 inches, and bears large, rather globe-shaped, pure white flowers. The plant is of upright, bushy habit and has been known to bear as many as 20 or 80 flowers. The vigorous, healthy habit of the plant and the freedom with which the flowers are produced recommend it to everyone. Pkt. 10c.

ONE PACKET OR EACH OF THE ABOVE ASTERS FOR 25c.

COLLECTION NO. 60.
One packet of each of the five Asters illustrated on this page for 50c.

GIAN T COMET FLOWE R ED ASTER.

PRIDE OF BERLIN.

This beautiful new variety possesses so many points of exceptional merit that we offer it to our patrons with the assurance that it will please in every particular. The plants grow from 15 to 18 inches high, forming bushy, oval shaped heads, which are closely set with blooms of various shades and colors, each bush bearing from 75 to 100 of these exquisite blossoms. Pkt. 10c, 2 for 25c.

COMET FLOWE R ED LADY ASTER.

A splendid variety of recent introduction. The flowers, produced in the greatest profusion, are borne on long graceful stems. The foliage is quite distinct, being long and narrow. The petals of the flowers are also long and graceful. The whole plant and flower present such a display of grace and beauty as is seldom seen in any flower, so that it can be truly called the Queen of all Asters. Pkt. 10c. 3 for 2S.

COLLECTION NO. 61.
12 packets Choice Asters, in various colors, no two alike for 50c.

COLLECTION NO. 62.
2S packets Choice Asters, including 3 fancy named varieties, no two alike for $1.00.

BLUE DANUBE.
Large incurved blooms of a beautiful light blue color. Pkt. 10c.

PRIMROSE PINK.
Petals long and curiously twisted, cut and interwoven, of a delicate pink color. Pkt. 10c.

NEW BRANCHING.
The plants of this beautiful variety are very strong growers and have a marked tendency for branching. The flowers are borne on long stems, are 4 inches or more in diameter, the petals being broad and long at the base, almost free from size. Many of them are or less twisted and curled.

Pure White, Pkt. 10c. Lavender, Pkt. 10c. Bright Crimson, Pkt. 10c. Blue, Pkt. 10c. Clear Pink, Pkt. 10c.

GIANT COMET FLOWE R ED.

Perfection in Aster culture finds its culmination in this grand race of these highly prized annuals. The flowers are of magnificent size and proportions of them measuring 4 inches in diameter. The blooms a composed of long, twisted, wavy petals gracefully formed in loose, but densely double, pseudo-globular bunches of entrancing beauty resembling some of the finest Chrysanthemums. The plants are of most luxuriant growth attaining a height of 20 to 30 of these magnificent flowers on long stems which render them valuable for cutting purposes. We offer them in six distinct colors as follows: Crinoid, Pure White, Bright Rose, Ligustrum, Dark Blue, Lavender, Yellow, Striped Blush and Salmi Rose. Per Packet, 10c, or the entire collection for 75c.

COLLECTION OF 8 PACKETS, 2 MIXED, ALL COLORS, Pkt.
GROWN IN THE GOLDEN GRAIN BELT OF THE WORLD

ASTERS CONCLUDED.

DWARF OSTRICH FEATHER. The Bride.

This variety is of dwarf branching habit of growth, with long slender petals resembling a Japanese Chrysanthemum. The blossoms are of a single form, pure white, and the color is stable, but gradually changing to red. A distinct novelty and sure to please all lovers of these popular flowers.

Pkt. 25c.

GERMAN GLOBE.

Beautiful, large, globe shaped, incurved blooms. Blue, Pink, White, Red. Pkt. 5c.

GOLIATH.


IMBRIQUE POMPON.

Fine imbricated flowers of perfect form. White, Rose, Violet, Brick Red. Pkt. 5c.

MIGNON.

One of the best for cutting, bearing an enormous quantity of small sized blossoms on each plant. White, Light Blue, Peach Blossom. Pkt. 10c. The 3 for 30c.

QUEEN OF THE MARKET.

Very early, blooming 3 weeks earlier than other asters, of branching habit. Purple, Light Blue, Pink, Crimson. Pkt. 10c. The 3 for 30c.

QUILLED ASTERS.

Quill shaped petals bunched in a mass. Blue, Pink, White, Sulphur Yellow. 5c. The 4 for 15c.

SEMPLE'S BRANCHING.

Largely grown by florists for cutting purposes. Branches freely producing perfect forms from 1 to 4 inches diameter. Crimson, Light Blue, Yellow, Red, Shell Pink, White. Pkt. 5c. The 6 for 50c.

VICTORIA.

Blossoms of largest size, very double, incurred, from 20 to 40 to a plant. White, Scarlet, Sky Blue, Peach Blossom, Pink, White, tinted rose. Pkt. 10c. The 6 for 50c.

CHRISTMAS TREE ASTER.

(See Cut) Of branching habit. It comes into blossom very early and is the first to flower ever introduced, it has no unknown sight to see small white flowers with from 75 to 150 well developed blossoms. In separate colors. White, Red, Blue, Mixed. Pkt. 10c.

ASPARAGUS.

MOSUS NATUS. (Lace Fern.) Ten-Perennial. Large Pkt. 25c, small 10c.

SPRENGERI. (Emerald Feather.) 10c.

VERTICILLATUS. Hardy with slight division. 10c.

ASPENELA.

Annual. Lavender blue, sweet scented flowers. A long bloomer. Fine for rock work. 1 1/2 oz. 10c.

ANCHUSA CAENIBIS.

(African Forget-me-not.) Annual. Spiked blossoms. Fine for cutting. 1 oz. 10c. 2 1/2 oz. 25c.

ANTHONY.

(Weitflower.) Perennial. NADENSIS. White. Pkt. 5c. PONICA. Mixed, rose and white. 10c.

CHRISTMAS TREE ASTER.

AQUILEGIA.

(Columbine.) Hardy Perennial. CHRYSANTHEMUM—Bright Golden Yellow. Pkt. 10c.

CHRYSANTHEMUM ALBA. Semi-double White. Pkt. 10c.

COERULUM—(From the Rocky Mountains.) Sepals deep blue, petals white. Pkt. 10c.

GLANULOSA—Blue and white. Pkt. 10c.

SINGLE MIXED—Pkt. 5c, oz. 25c.

One packet each of four named varieties 30c.

ANTHRINUM.

SUNRISE. The most beautiful dwarf growing bushy variety ever introduced. Flowers are a handsome shade of yellow and produced in great profusion the entire season. It is not only desirable for beds and groups, but also for pot culture, the charming bright blossoms and upright habit of the plant making it very desirable for this purpose. Pkt. 10c.
MARGUERITE CARNATIONS.

Tender Perennial.

This is an exceedingly vigorous class of plants especially adapted for outdoor culture. The compact, dense habit and remarkable for their great profusion of bloom. The colors and markings range through the various shades of crimson, scarlet, pink, lilac, mauve and yellow white. Many of them are most beautifully splashed and streaked in an infinite variety of shadings. For masses of bloom on the lawn or for pot plants they are unsurpassed. Stems are strong and erect, while the individual flowers are of the largest size and unequalled by any others for cutting purposes. They bloom in from three to four months after sowing. To secure best results they should be sown inside in February or March and transplanted to the open ground as soon as weather permits. Our strain of these delightful flowers has been obtained direct from the best European growers and is sure to please. Mixed colors. Pkt. 10c, 1-2 oz. 50c.

CALLIOPSIS.

Annual.

Beautiful summer borderer with bright and showy colors. Excellent for cutting and unsurpassed for massing. GOLDEN WAVE. (See cut.) A most beautiful and showy plant, producing its deeply fringed, golden yellow flowers in the greatest profusion the entire summer. It is the only one we have to please one with its rapid growth, bright showy blossoms and abundance of bloom. We cannot too highly recommend this little beauty to our friends. Pkt. 10c, 3 pks. 25c.

CRIMSON BEAUTY. The richest colored of all this class of annuals. The plant is a strong, vigorous grower and the dark, crimson-colored blossoms are beautifully produced for several months throughout the summer season. It is easily grown and few garden plants equal Crimson Beauty in beautiful coloring or profusion of bloom. Pkt. 10c.

CANDYTUFT.

Annual.

CRIMSON KING. Beautiful deep crimson. Pkt. 5c.
EMpress. Pure white. Large trusses. Pkt. 10c.
GIANT HYACINTH FLOWERED. A grand variety produced spikes of bloom resembling a White Hyacinth. These spikes often measure 7 inches in length by 3/4 diameter. The flower stem in bloom attains a height of 12 inches. Pkt. 10c.
LILAC QUEEN. A very pleasing shade of color. Pkt. 5c.
ODORATA. Very fragrant. Pkt. 5c.
SNOWDROP. Choice named for its mammoth size of its flowers and freedom of bloom, the entire plant being covered with snowy white blossoms. Pkt. 10c.

CANNAS.

Choice named varieties selected from plants at our seed farm. Pkt. 10c.

COLEUS.

Tender Perennial. Choice mixed seed. Pkt. 10c.

BALSAM.—Continued. Double Camellia Flow- ered, finest mixed. Pkt. 5c. Imperial mixed. A fine mixture containing all the latest and best sorts. Pkt. 10c. COMMON MIXED, Good varieties. Pkt. 5c. oz. 25c.

BAPTISIA. (False Indigo.) Hardy Perennial. Beautiful blue flowered blooms, Pkt. 5c.

BARTONIA AUREA. Annual. Produces showy golden yellow flowers above its downy foliage. Pkt. 5c.

BEGONIAS. Tender Perennial. GIANT FLOWERING MIXED. Best selected seed. Pkt. 20c. REX HYBRIDA. Variegated foliage. Pkt. 20c.

BLUSH. (Canterbury Bells.) Hardy Annual. Beautiful bell shaped flowers in all the variegated colors. Pkt. 5c. 0z. 10c.

CAMPAŅU A. (Canterbury Bells.) Beautiful bell shaped flowers in all the variegated colors. Pkt. 5c. oz. 10c.

CARPETICA ALBA. White. Pkt. 5c. GLOMERATA, Lilac. Pkt. GRANDIS, Blue. Pkt. LACTIFLORA, Yellow. Pkt. 5c.

CENTAUREA. Annual.

Fine for edgings. Rose colored flowers. Pkt. 5c.

CALLA ETHIOPIA. The well known Calla Lily. Easily grown from seed. Pkt. 10c.

CENTAUREA. (Dusty Miller.) Tender Perennials. Dwarf foliage plants.


CENTAUREA MARGUERITE. Annual. Distinct from all other Centaureas. Produces white blooms 2½ inches in diameter, beautifully fringed and delightfully scented. Pkt. 10c.

CENTAUREA IMPERIALIS. (Giant Sweet Sultan.) Annual. This is one of the most beautiful flowering annuals ever introduced. The plants grow to a height of four feet, are very bushy and are covered with large handsome finely fringed, exquisitely perfumed and of great lasting properties. If cut just as the petals are expanding they will easily stand a week in water. The colors are infinitely varied from glistening white through the various shades of red, from flesh pink to deep crimson, through blues from silvery lilac to royal purple. If the seed is sown every week or ten days the succession of bloom may be had throughout the summer and fall. This is one of the best things we have ever used and we are pleased to recommend it to all lovers of beautiful flowers. In separate colors. Rose, Red, Blue, White. Mixed. Pkt. 10c.

CENTAUREA IMPERIALIS.
CRYSPUS. 
Hardy Perennial. Annual. 
A rapid growing climber, ornamental flowers and seed pods. 
Purple, White, Mixed. Pkt. 5c.

DOLICHOS. 
(Hyacinth Bean.) Annual. 
A rapid growing climber; ornamental flowers and seed pods. 
Purple, White, Mixed. Pkt. 5c.

DIANTHUS OR PINKS. 
Easily cultivated, blooming freely, withstand all conditions of soil and climate, this class of flowers is among the most popular in our entire list. They bloom early in spring, profusely and in a splendid assortment of colors. Pkt. 5c. 
NODICAULE—Showy scarlet blossoms. Pkt. 5c.

COBAM. 
(Cup and Saucer Vine.) Annual. 
A rapid climber for trellises, arbors, etc. 
Pkt. 5c.

CYNANTHES CRISPUS. 
Tender Perennial. 
Strain of this seed has been obtained from the best European specialists. The flowers are very rich and beautiful. Rose, crimson, purple, pink. Pkt. 25c. $1.00.

CYPRUS VINE. 
Annual. 
Very rapid growing climber with star shaped blossoms. Scarlet. Pkt. 5c. oz. 25c.

DAHLIA. 
Tender Perennial. 
L Fixed—Pkt. 5c. oz. 40c. 
L mixed—Pkt. 10c. oz. $1.00.

DAISIES. 
(Bells Perennis.) Perennial. 
YELLOW—Rich rose color. Pkt. 10c. 
BALL—Double white. Very large and very hardy. Pkt. 15c. 
LE MIXED—Pkt. 10c.

COSMOS. 
Beautiful autumn flowering flowers, flowers are borne profusely on long stems and present a most charming appearance when the plants are in full bloom. 
NOCTURNE—A new race of these late flowers with blooms of immense size, measuring 4 to 6 inches in diameter. For cutting for bouquet purposes this variety is at its best the last two weeks in water. The flowers grow to a height of 4 or 6 feet, are of sweet perfume, forming perfect pyramids of bloom in early autumn and continuing until killed by severe frost. They are a most valuable acquisition to any garden and should be cultivated extensively, as they offer them in many separate shades, e.g., pink and crimson. Pkt 10c. or 3 for 25c.

COSMOS. 
(Tulip Flower.) Annual. 
Large, showy, trumpet shaped blossoms. 
ARBREA—Creamy white; fragrant. Pkt. 10c. 
CORONICOLA—(Horn of Plenty.) Mammoth blooms, purple outside, creamy white within. Pkt. 10c. 
GOLDEN QUEEN—Pure golden yellow. Pkt. 10c. 
WRIGHT—(Angel’s Trumpet.) White and blue. Pkt. 10c.

WHITE DIAMOND PINK. 
A recent introduction from Europe of most striking beauty. It is easily grown from seed, blooming as soon as the plants are 6 inches high and bearing a great profusion of flowers the entire season. The ground color of the blossom is pure white, from which stand out in beautiful contrast the brilliant markings, those delicate velvety and feathery lines in shield-like form, to which it owes its beauty. The blooms are principally lilac, purple, carmine or blood red. Pkt. 15c.

WHITE DIAMOND PINK.

DELPHINIUM. 
(Larkspur.) Annual Varieties. 
EMPEROR—Many colors mixed. Pkt. 5c. 
TALL DOUBLE ROCKET—Large showy blossoms. Pkt. 5c. 
Perennial Sorts. 
FORMOSUM—Blue, white eye. Pkt. 5c. 
HADDOCK—Blue, white eye. Pkt. 5c. 
TALL DOUBLE ROCKET—Large showy blossoms. Pkt. 5c. 

DIANTHUS OR PINKS. 
Easily cultivated, blooming freely, withstand all conditions of soil and climate, this class of flowers is among the most popular in our entire list. They bloom early in spring, profusely and in a splendid assortment of colors. Pkt. 5c. 
NODICAULE—Showy scarlet blossoms. Pkt. 5c.

HEDDELWIGI—Large brilliant blossoms. Single mixed. Double mixed. Pkt. 5c. oz. 25c. 
IMPERIAL MIXED—A fine assortment. Pkt. 10c. oz. 25c.

DOUBLE IMPERIAL MIXED—As good as many of the cuttings. Pkt. 10c. oz. 25c.

DOUBLE FRINGED AND STRIPED—Charmingly cut and fringed. Pkt. 10c.

FRAGILE—Condensing 25 good varieties. Pkt. 5c. oz. 25c.

FHEA’S EYE—Perennial. Beautifully fringed, rich and varied colors, all marked with a brilliant eye. Pkt. 10c.

MOURNING CLOAK—Large double flowers, rich blackish crimson, margined white. Pkt. 10c.

SALMON QUEEN—A brilliant shade of salmon. Pkt. 10c.

SNOWBERRY—Large double pure white. Pkt. 10c.

DIGITALIS. 
(Poison-glove.) Hardy Perennial. 
Fine for shrubbery and half shade places. 
LUTEA—Yellow. Pkt. sc. 
MONSTROSA MIXED—Giant plants and blooms. Pkt. 10c.

PURPUREA—Reddish purple. Pkt. 5c.

DRACENA INDIVISA. 
Tender Perennial. 
Very decorative. Pkt. 10c.

CYPERUS. 
(Umbrella Plants.) Tender Perennial. 
Easily grown in water. A rapid grower. Pkt. 10c.

CENTROSCIA GRANDIFLORA. 
(Butterly Pea.) Perennial. 
A fine climber. Produces inverted, pea shaped flowers from 4 1/2 to 5 inches in diameter, ranging in color from rosy violet to reddish purple. Pkt. 10c. oz. 75c.

CHRYSANTHEMUM. 
Annual. 
ECLIPSE—Yellow, purplish scarlet and dark brown. Pkt. 10c. 
LORD BEACONFIELD—Rich crimson maroon, delicately striped and edged with gold. Pkt. 5c. oz. 15c.

TRICOLOR SINGLE MIXED—These all have beautiful rings and eyes of color. Pkt. 5c. 
DOUBLE ANNUAL MIXED—Choice mixture including Japanese, Chinese, Pompon and incurved varieties. Pkt. 5c. oz. 20c.

PONDORUM PLENNISUM—Hardy Perennial. Pure white, very double; free bloomer. Pkt. 5c.

CINERARIA MARITIMA. 
(Dusty Miller.) Half hardy Perennial. 
Beautiful silvery foliage. Pkt. 5c. oz. 20c.

CINERARIA HYBRIDA. 
Tender Perennial. 
A most gorgeous, showy house plant. Colors range from deepest purple through the lightest shades of pink and carmine, while some are pure white with blue eye, white centred, bordered purple etc. Pkt. 5c. oz. 15c.

LARGE FLOWERING MIXED—The finest imported seed. Pkt. 25c. 
CHOICE MIXED—All colors. Pkt. 15c.

CLEMATIS. 
Hardy Perennial Climbers. 
JACKMAN’S HYBRIDS—This includes all the fine varieties of purple, white, blue, red, etc. Pkt. 15c.

PANICULATA—Small flowering white. Pkt. 15c.

EDGWORTH. 
Hardy Perennial. 
The true stock from the Alps. White, star shaped blossoms. Pkt. 10c.
GALLARDIAS.
(Blanket Flower.) Hardy Annual.
These charming flowers are among the brightest and best grown. They commence to bloom in 60 days from sowing of seed and continue a perfect mass of beauty until killed by severe frosts. They withstand wind and rain better than any annual with which we are acquainted, and are at all times clean and handsome. The blossoms are of large size, 3 to 4 inches in diameter, and are produced in the various shades of red, orange, yellow and salmon, many of them being most beautifully marked and margined. Their quick growth, profusion of bloom, and beauty of flower are unsurpassed, while their hardy nature and easy culture commend them to all lovers of flowers. Pkt. 5c.

ERYSIMUM.
Beautiful orange colored blossoms. Pkt. 5c.

EUATROURUM.
(Hardy Perennial.) Clusters of snow white flowers. Fine for bouquets. Pkt. 10c.

EUROCA.
Annual. Light blue flowers. Pkt. 10c.

EUPHORIA.
(Hardy Perennial.) MIXED—Choice single and double. Pkt. 5c.

FRAGUM.
(Tender Perennial.) Double MIXED—Selected from the finest flowers. Pkt. 10c.

GLAUCIUM.
(Horned Poppy.) Hardy Perennial. Orange colored blossoms. Pkt 5c.

GLOXINIA.
(Tender Perennial.) These are most superb and showy. MIXED SEED—The choicest obtainable. Pkt. 25c.

GLOBE AMARANTH.
(Ornamental Everlasting Flowers.) MIXED SEED—Pkt. 5c. 1 oz. 15c.

GODETIA.
Annual. Very charming garden plants of easy culture.

THE BRIDE—A very beautiful showy variety. The bloom is pure white with a distinct crimson center. One of the best grown for garden culture, as it blooms early and profusely and is at all times handsome and effective. You will make no mistake by including this in your collection. Pkt. 5c.

DUCHESSE OF ALBANY.—See Cult. Another choice variety of great merit. The bloom is of the largest size, pure satiny white and very attractive. It is a very free flowering sort, grows very rapidly, of easy culture, and presents a most beautiful appearance in others with it. It is quite distinct and a decided acquisition. Pkt. 5c.

THE BEAUTY OF ST PAUL—Immense crimson flowers shading to carmine. Pkt. 5c.

BLOOM—Creamy white with rich crimson blotches. Pkt. 5c.

MIXED—All colors. Pkt. 5c. 2 oz. 20c.

GOLDEN MOUND.
(Hardy Perennial.) Pkt. 5c.

GOLDEN ROD.
Annual. Bears a profusion of bright orange colored blossoms. Pkt. 5c.

GYPSPHILA ELEGANS.
(Baby's Breath.) Hardy Perennial. Small white and pink blossoms deliciously perfumed. Pkt. 5c. 1 oz. 15c.

GYPSPHILA PANICULATA.
Small white flowers, very valuable for bouquets, etc. Pkt. 5c.

GOURDS.
Annual. Rapid growing climbers with curiously shaped fruits of various shap and colors. Fine for porches, trellises, etc.

BOTTLE SHAPED—Pkt. 5c. 2 oz. 15c.

CHINESE LOOFAH—(Dish Rag Gourd.) The tough fibrous inside is used a variety of purposes. Pkt. 5c.

DIPPER—Dried and used by housewives for dippers. Pkt. 5c. 2 oz. 15c.

HERCULES CLUB—Grows to enormous size; shaped like a base ball b Pkt. 5c. 2 oz. 15c.

PEAK SHAPED—Striped, yellow, green and cream. Pkt. 5c. 1 oz. 15c.

SNARE—Long and curiously twisted like a snake. Pkt. 5c. 1 oz. 15c.

TEASEL—Pkt. 5c. 2 oz. 15c.

WHITE EGG—The size, shape and color of a hen's egg. Uninjured by cold wet and often used for egg nests. Pkt. 5c. oz. 15c.

MIXED—All of the above and many others. Pkt. 5c. 1 oz. 15c.

GREVILLEA ROBUSTA.
(Variegated Oak. Tender Perennial.) Beautiful, fern like foliage. Pkt. 5c.

HEDYSARUM.
(French Honeywort or Biennial.) A beautiful garden plant with flowers of various shades of red, pink and white. MIXED COLORS—Pkt. 5c. 2 oz. 25c.

HELIANTHUS.
(Orchard.) Hardy Annual. Ornamental flowering plants with various colored flowers. The flowers are everlasting. MIXED COLORS—Pkt. 5c. 2 oz. 25c.

HOLLYHOCKS.
(Hardy Perennial.) DOUBLE CRIMSON—Pkt. 10c.

DOUBLE PURPLE—Pkt. 10c.

DOUBLE ROSE—Pkt. 10c.

DOUBLE SCARLET—Pkt. 10c.

DOUBLE WHITE—Pkt. 10c.

DOUBLE YELLOW—Pkt. 10c.

SINGLE MIXED—Pkt. 5c.

ALLEGHENY HOLLYHOCKS—Bloom first year from seed. This grand new flower has decided improvement in more than one particular over the old fashioned variety. Its first point of merit is the fine, parent fringed flowers which look though they were made up of pure silk. One has to see this plant in full bloom to appreciate the clear, transpare colors, which make a row shine with rainbow effect. It is a perpetual bloom and has from 2 to 4 buds at base of leaf, where the old style has only one. HOLLYHOCKS. A new type of this plant which has opened up to beautiful flowers. The great height of the colu ispyramidal spikes, thickly studded with flowers, adds not only to the decorative value, and unless one has seen this plant in front of a porch one would never suspect its ornamental possibilities. BLACK RED—Pkt. 15c.

BRIGHT RED—Pkt. 15c.

MAROON—Pkt. 15c.

MAROON—Pkt. 5c.

SHALL PINK—Pkt. 5c.

HELIOLOPE.
Annual. Our mixture includes the large flowering sorts, as well as some of the older kinds, and is certain to give satisfaction and usually produce a greater amount of flowers. Pkt. 10c. 1 oz. 50c.

HESPERIS.
(Sweet Robert.) Tender Perennial. White and purple flowers, which are very fragrant and produced entire season. Pkt. 5c.

HIBISCUS.
(Marsh Mallow.) Hardy Annual. Cream colored flowers with rich brown center. Pkt. 5c.

HUMULUS JAPONICUS.
(Variegatus.) Annual. Variegated Japan Hop.) Annual. A rapid growing, beautiful climber from Japan.

HYACINTHUS CANADICUS.
(Summer Flowering Hyacinth.) Tender Perennial. Spikes of white, bell shaped blossoms 4 to 5 feet in length. Very attractive. Pkt. 5c.

ICE PLANT.
(Tender Perennial) Pkt. 5c.

IMPARTIENS SULTANA.
(Tender Perennial) Pkt. 10c.

IPOMOPSIS.
(Treasure Flower.) Half Hardy Biennial. Pkt. 5c.

GODETIA, DUCHESS OF ALBANY.
GROWN IN THE GOLDEN GRAIN BELT OF THE WORLD

IPOMOEA. Annual. These are climbers of rapid growth and very free flowering. 1000 seeds.

MECONOPSIS—Blue Rainbow. Pkt. 5c. These are hardy perennial plants that produce large blue flowers in late spring. They are ideal for adding color and texture to your garden. 1000 seeds.

NEMOPHILA. (Love Grove) Annual. These are beautiful annual flowers that are perfect for adding color to your garden. They are easy to grow and produce a prolific supply of beautiful flowers. 1000 seeds.

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PARKINSONIA—Blue. Pkt. 5c. These are beautiful annual flowers that are perfect for adding color to your garden. They are easy to grow and produce a prolific supply of beautiful flowers. 1000 seeds.

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PERICARPIUM—Blue. Pkt. 5c. These are beautiful annual flowers that are perfect for adding color to your garden. They are easy to grow and produce a prolific supply of beautiful flowers. 1000 seeds.

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MORNING GLORY.
(Convolvulus.) Annual.

DOUBLE WHITE TASSEL—One of the most charming
climbers that has ever come to our notice. It is a
rare and pleasing vine with beautiful white tassel-
like blossoms, which have a delicate marking of
crimson on the inner petal. The flowers are beauti-
fully fringed and never fail to attract attention
wherever seen. Easily grown from seed and will
give a good percentage of double flowers. Pkt. 10c.

DWARF OR BUSH VARIETIES

BLUSH ROSE—Pink shaded rose. Pkt. sc.
CHOCOLATE—Deep chocolate. Pkt. 5c.
EMPEROR—Rich deep blue. Pkt. sc.
IMPERIAL BLUE—Rich deep blue. Pkt. sc.
LILAC BELLE—Dilute lavender, tinted rose. Pkt. sc.
SUNBEAM—Pure yellow. Pkt. sc.
WHITE QUEEN—Pure white. Pkt. sc.

Collection of 5 Packets for 20c.

TALL MIXED—The mixture we offer contains all
the different shades of rose, blue, purple, crimson and
stripped. Pkt. sc, oz. 10c.

ROCHESTER—See Cuts. A wonderfully strong
growing, free flowering variety with very large
blossoms of most attractive colors. The large
open, trumpet shaped blossoms are distinctly out-
lined with a band of silvery white, the lovely colors
being most beautifully. Pkt. 10c.

IMPERIAL JAPANESE—See Cuts. Of gigantic size
and good substance, remaining open the greater
part of the day. Colors range from snow white
to purple, with all the possible intermedi-
ate shades found in the floral world. The Tall growing
sorts are unequaled for trellises or covering unsightly
posts and fences, while the Dwarf varieties are found
nearly every window box or hanging basket. No bet-
ter collection than the one we offer has ever been listed by
an American firm, and it was only at a great ex-
pense that we were able to secure such a magnific-
ent collection of novelties in Nasturtiums.

DWARF VARIETIES.

BEAUTY—Beautifully marked yellow and red. Pkt. sc.
BRONZE—Coppery bronze color. Pkt. sc.
EMPEROR—Rich deep blue. Pkt. sc.
GOLDEN—Rich yellow. Pkt. sc.
GILT—Sulphur orange, spotted deep maroon. Pkt. sc.
JUBILEE—Rich rose red. Pkt. sc.
KING THEODORE—Deep maroon. Pkt. sc.
PRINCE HENRY—Creamy white, tinted crimson. Pkt. sc.
ROYAL ROSE—Rich yellow. Pkt. sc.
ROYAL ROUGE—Rich crimson. Pkt. sc.
STARCROSS—Rich rose and crimson. Pkt. sc.
STARCROSS—Rich crimson. Pkt. sc.

STAR MIXED—(See Cuts.)—The most beauti-
ful assortment of colors that can be ob-
tained. Pkt. sc, oz. 10c.

7 PACKETS FOR 25c.

To induce our friends to plant Nastur-
tiums literally this coming season we
will send one packet each of seven dif-
ferent varieties listed at sc each for only 25c.
This allows you to select either Dwarf or
Tall sorts and is an offer unexcelled by
any other firm.

IMPERIAL GERMAN NASTURTIUMS.

For illustration see list of specialties.

These rare and beautiful flowers intro-
duced by us possess so many points of
exceptional merit that we offer them
with the positive knowledge that they
will give satisfaction under the most ex-
tacting circumstances. They are the
result of years of painstaking hybridiza-
and careful selection on the part of one
of Europe's leading specialists. The colors
range from creamy white through the various
shades of yellow, orange, pink, red, scarlet and crimson,
giving the widest possible range of tints.

THE DWARF MIXED are extremely flor-
ous. Their extreme height is 8 to 12
inches, they occupy but little room and
require no supports.

THE TALL MIXED are even more pro-
line in bloom than the dwarf sorts.

Tall Mixed, Dwarf Mixed, Tall and Dwarf
Mixed, Pkt. 10c, oz. 25c, 1 lb. 45c, 10 lb. $1.00.

ROCHESTER MORNING GLORY.

TALL OR CLIMBING.

GOLD LEAF—The foliage is a bright gold
yellow, scarlet and crimson flowers. Pkt.
KING THEODORE—Dark crimson. Pkt. 5c.
ROSE—Crimson rose shade. Pkt. sc.
ORANGE—Bright orange. Pkt. sc.
CHOCOLATE—Deep velvety brown. Pkt. sc.

SUNBEAM—Pure yellow. Pkt. sc.
PEARL—Clear pearl color. Pkt. sc.
BLOTCHED BEAUTY—Creamy white mar-
with crimson and brown. Pkt. sc.
REGELIANUM—Violet crimson. Pkt. sc.
HESPERIACRUZ—Clear orange mar-
red with rosy scarlet. Pkt. sc.
KING OF BLACKBERRY—Blackberry
floral "blazing" Pkt. 5c.
MIXED—Brownish lilac. Pkt. sc.

LOBST'S NEW CLIMBING NASTURTIUM

A new class which produces a profusion of blossoms that the old sorts
flowers or foliage are not so large.

BRILLIANT—Deep scarlet. Pkt. sc.
SHAXIANUM—Yellow with crimson blot
Pkt. sc.
MERGERIACRUZ—Rich violet crimson. Pkt. sc.
LILLY SCHMIDT—Brilliant orange sc.
MONSIEUR COLMET—Dark brown. Pkt.
TRiumph DE Gand—Light scarlet. Pkt. 5c.
LOBST'S MIXED—This includes all the
colors in this class. Pkt. sc.

NIGELLA.

(Love in the Mist.) Tender Perennial.
A compact free flowering plant with
ely cut foliage and curious looking flowers and
seed pods. Pkt. sc, oz. 10c.

OENOOTHERA.
(Early Evening.) Annual.
Large showy flowers of white, yellow, etc. Pkt. sc.

OLEANDER.
(Nerium.) Tender Perennial.
ALBUN—White. Pkt. sc.
NIGHT—Pink, white, etc. Pkt. sc.
OXALIS.

TROPAELOIDES—One of the handsomest of
the hardy annuals, used principally for carpet borders.
It is a very dwarf growing creeper forming a
mass of delicate flowers. It is pleasing reddish brown color. For beds,
rock work, mounds, etc., it is unsurpassed for its charm and beauty, and
is useful for covering walls, fences and trellises.

PALI SEED.

Tender Perennial.
MIXED—These plants may easily be
seed from seed, provided the right variety is
secured. In making our mixture we use
the most rapid growing sorts, which are of the
most desirable culture. Pkt. 25c.

PASSION FLOWER.

An annual, the blossoms resemble those of the
perpetuant, with a range of colors as varied as the one.
Pkt. 10c.

PENTSTEMON HARTWEJCI.

Perennial.
Beautiful herbaceous plants with a
range of colors as varied as the one.
Pkt. 10c.
GROWN IN THE GOLDEN GRAIN BELT OF THE WORLD

CHOICE GERMAN FRINGED, PETUNIAS.

These are of largest size, fine form and extremely delicate colors.

ALBA—Fringed white. Pkt. 25c.

ALBA-AMBER—White and amber. Pkt. 25c.

INTUS AUREA—Yellow throated, superb shades. Pkt. 25c.

MACULATA—Blotched and marked. Pkt. 25c.

MIRANDA—Deep scarlet, nearly scarlet. Pkt. 25c.

TITANIA—Velvety purple, with a broad white band. Pkt. 25c.

Collection of 6 Sorts for $1.00.

PHLOX DRUMMONDI.

QUEEN VICTORIA—(See Cut.)—An immense flowering white variety bearing great clusters of flowers on strong stems 15 or 20 inches high. Seed sown in the early spring will begin to flower by July and the plants will be literally covered with blossoms until late in the autumn. It is extensively used by florists in cut flower work and is very desirable for bouquets. Pkt. 15c.

TALL FLOWERING SORTS.

AYLESBURY PRIZE—Marked and striped with white and crimson. Pkt. 10c.

CRIMSON WHITE EYE—Intense crimson with a distinct white eye. Pkt. 10c.

EASTERN QUEEN—Deep crimson rose. Pkt. 10c.

FIREBALL—Fiery scarlet. Pkt. 15c.

ISABELLINA—Creamy yellow shading to deep yellow. Pkt. 10c.

PRINCE ARTHUR—Large snow white blossoms. Pkt. 10c.

STAR QUEEN—Large pointed center of the petals give the blossoms a star-like effect. Pkt. 10c.

THE COUNTESS—Rosy pink. Pkt. 10c.

Collection of 5 Sorts for $1.00.

DWARF VARIETIES.

LEOPOLDI—Carmine with a white eye. Pkt. 10c.

SCARLET—Pkt. 10c.

WHITE—Pkt. 10c.

MIXED—All colors. Pkt. 10c.

Flower Seeds in Bulk.

Many of our customers desire to sow large spaces with quick growing, free blooming annuals. School grounds, back yards, vacant lots and waste spaces can thus be utilized and improved, and the bare, desert spaces made beautiful at small expense. We list here a few of the best, low priced varieties which are adapted to a wide range of soil and climate.

Village Improvement Leagues, Ladies Circles and other kindred societies will find it to their advantage to consult this list before placing their orders.

<table>
<thead>
<tr>
<th>Description</th>
<th>Oz.</th>
<th>1/4 lb.</th>
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<tbody>
<tr>
<td>Abrauna Umbellata</td>
<td>7 oz.</td>
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<tr>
<td>Agastatcus, Mixed</td>
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</tr>
<tr>
<td>Agrostemma, Mixed</td>
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<tr>
<td>Alyssum Sweet</td>
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<td>.15</td>
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<tr>
<td>Amaranthus, Mixed</td>
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<td>.10</td>
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<tr>
<td>Anthera, Mixed</td>
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<td>.25</td>
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<tr>
<td>Balloon Vine</td>
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<td>.15</td>
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<tr>
<td>Balsam, Mixed</td>
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<tr>
<td>Calendula, Mixed</td>
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<tr>
<td>Candytulip, Mixed</td>
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<td>Carnations, Mixed</td>
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<tr>
<td>Centaurea Cyanus</td>
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<td>Diasia, Imperial Mixed</td>
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<td>_Gypsophila Elegans</td>
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<td>Phlox, Mixed</td>
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<td>Stellat William, Mix</td>
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<tr>
<td>Zinnia, Double</td>
<td>51</td>
<td>.05</td>
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</tbody>
</table>

Collection of 8 Named Sorts for 75c.

Double Fringed Large Petunia.
PANSIES.

For many years we have made a specialty of these delightful flowers, selecting our strains with the greatest care from the best varieties offered by the leading German, French and English nurseries. New sorts are thoroughly tested by us before we offer them, and not a single variety is rejected. In this manner we keep our stocks up to date and thoroughly reliable. Our customers will corroborate our statement that our PARIS PRIZE, Royal Mixed, Florists', Special Mixed and Gem Strains have never been surpassed or equalled by those of any other seedsmen. We give special pride in offering these mixtures, as the large perfect blooms, brilliant colorings and markings and great productivity will not fail to give entire satisfaction to the most critical.

Florists' Gem Strains. This strain is offered specially to our Florists' friends who want something superior to that ordinarily offered. The plants grown from this mixture are of the greatest vigor and perfection in growth as well as beauty, and in size and color and form are unsurpassed. We have carefully selected this mixture from over a hundred choice strains, all of which have been carefully tested in our greenhouses. Using a large florist business ourselves, growing upwards to 100,000 pansy plants each year for the retail trade, we are in a position to know a florist's wants and what is perfect, and also to judge of the reliability, knowing that it will please the most critical.

SNOWFLAKE—This pure white, large flowering variety is one of the most distinct in color. The blossoms are of a large size, beautiful form, of a pure satiny white without any trace of coloring. The plants are strong and free-flowering, with great increase to bloom early in the spring, and if not allowed to go to seed, will produce very abundantly all the late in mild winters we have seen this peerless variety in full bloom in the open ground in March. Planted with the Black King its pure white blossoms contrast finely with the former. Pkt. 10c.

BLACK KING—A plant flowering, coal black variety of recent introduction from Germany. The flowers are of firm texture, large size, exquisite shape and velvety appearance. One of the finest we have ever grown for bedding purposes. Pkt. 15c.

GIANT GERMAN PANSIES. Our seed of these large flowering sorts comes from the best German growers and is unsurpassed for large blooming qualities and their great variety of colorings.

BLACK PRINCE—An improvement on Faust, the well-known black variety. Flowers larger and produced in greater abundance. Pkt. 15c.

BLUE PRINCE—A rich dark purple or black, shading to lavender. Pkt 1pc.

BRIDESMAID—A new variety of great merit. Color white, shading rose, most beautiful. Pkt. 15c.

BRONZE QUEEN—The flowers are of good size and shaded in great profusion. The colors are a rich bronzy red, shading to light mahogany. Pkt. 15c.

GIANT EMPEROR WILLIAM—Flowers of a beautiful shade of blue, which gradually deepen to a deep periwinkle. Pkt. 15c.

GIANT FIVE SPOTTED—Blooms of large size with distinct blotches on each petal. Pkt. 25c.

SNOWFLAKE.

GOLDEN YELLOW FIVE SPOTTED—Most showy. Pkt. 25c.

GIANT STRIPED—Very showy. Pkt. 10c.

GIANT PEACOCK—Peacock blue, edged white. Pkt 20c.

PRINCE BISMARCK—Brown and golden bronze marbled. Pkt. 10c.

PURPLE KING—A most beautiful variety from the Fatherland. Blossoms of largest size and plum, rounded form. Color clear purple, most delicately margined golden yellow. Pkt. 15c.

RED—Another choice variety of blackish-violet purple color. Very distinct. Pkt. 10c.

Collection of 12 choice named German Pansies Our selection for $1.00.

STANDARD AMERICAN VARIETIES, ALL LARGE—Beautiful light blue. Pkt. 25c.

BONE QUEEN—Brown, shading to mahogany. Pkt 10c.

CHELSEA BLUE—Rich blue with yellow eye. Pkt. 15c.

MARGARITA—Deep blue, bordered creamy white. Pkt. 10c.

SUNBEAT—Rose, shaded pink. Pkt. 10c.

SWANLEY BLUE—Liberia blue. Pkt. 10c.

VIOLET—Margined white. Pkt 10c.

GOLD KING—Rich gold. Pkt. 10c.

KING OF YELLOWS—Yellow. Pkt. 10c.

MOURNING BRIDE—Purple, White Edge. Pkt. 10c.

SNOW QUEEN—Pure white. Pkt. 10c.

These 11 Varieties for 75c.
GROWN IN THE GOLDEN GRAIN BELT OF THE WORLD

POPPIES.

Annual.
The desire for "old fashioned flowers" is becoming more pronounced each year. Many of the plants and flowers that were cultivated by our grandparents are loved and admired today. Fortunately among old-time annuals we find the quick growing poppies, many of the improved varieties of which rival the rose in size, beauty and keeping qualities. Easily grown, succeeding well everywhere, coming into bloom quickly and furnishing an abundance of bloom for weeks, no flower grown will yield better results than these. Out of all the varieties the best varieties are known, all of which are sure to please.

AUFMEIER GEM—(See cut opp. page.) This enchanting variety is extra large, very double, of a clear lavender color, making it most distinct and beautiful. This and Fairy Blush are good companion varieties, the colors contrasting most beautifully. Pkt. 10c.

HYBRID ORIENTAL POPPIES.

Perennial.
These are exceedingly showy and perfectly hardy. Flowers are produced along stems which are 6 inches or over in diameter, many novel colors such as salmon, pink, cherry, crimson, etc. Pkt. 15c.

ENGLISH SHOW.

ENGLISH SHOW PANSIES—This is made up of the famous English varieties introduced for a few years since by the royal gardener to Her Majesty, Queen Victoria. They are remarkable for their large size, colored blossoms, and the thick, tough nature of their petals which enables them to stand all conditions of weather without damage. Pkt. 10c.

ICELAND POPPIES.

Perennial.
These are perfectly hardy and produce an endless array of blooms in great profusion each year. They grow about 12 inches high, bearing yellow, red and orange colored blossoms.

Single Mixed, Pkt. 10c.
Double Mixed, Pkt. 10c.

DWARF SHIRLEY POPPIES.

These charming flowers are a delight to all who have grown them. They are single and semi-double, ranging in color from pure white through the most delicate shades of pale pink to the deepest crimson. Many of them are delicately edged and fringed. If cut in the bud stage and placed in water they may be kept fresh for a long time. They grow from 15 to 18 inches high and produce a great profusion of bloom for several weeks in mid-summer. Pkt. 10c.

RHODOCHITON.

(Purple Bells.) Tender Perennial.
A handsome climber; the upper surface of the leaves a bright green, the underside purplish red. Flowers are two inches long, a bright scarlet red. Pkt. 5c.

OTHER POPPIES.

CRIMSON QUEEN—Large, perfectly formed, double crimson flowers. Pkt. 10c.
MEMPHISTO—Large scarlet blooms spotted violet purple. Pkt. 10c.
NIMIKADO—Petals pure white, with fringed crimson scarlet edges. Pkt. 10c.
PLACONG—Petriscus var. with broad bands or zones of purplish black. Very distinct. Pkt. 10c.
SNOWDRIFT—Double pure white blossoms; very large and fine. Pkt. 10c.
SCARLET TULIP—Large scarlet blossoms with a dark spot at base of petal. Pkt. 10c.
TREE POPPY—Grows to a height of 2 or 3 feet and produces beautiful golden flowers. Pkt 10c.

POPPIES—BEST NAMED Sorts.

CRIMSON QUEEN—Large, perfectly formed, double crimson flowers. Pkt. 10c.
MEMPHISTO—Large scarlet blooms spotted violet purple. Pkt. 10c.

Pkt. 5c.

COMMON MIXED—All colors. Pkt. 5c, oz. 10c.

CALIFORNIA POPPIES.

(Escalochilis.)

AURANTICA—Rich orange. Pkt. 10c.
MANDARIN—Inner side of petal rich orange; outer, brilliant scarlet. Pkt. 10c.
SNOW-CAPPED—Large white. Pkt. 10c.
GOLDEN CROSS—Flowers from 4 to 6 inches in diameter. Color light carmine yellow with an orange blotch at the base of each petal, forming a maltese cross in centre. Pkt. 10c.

POLYANTHUS.

Annual.
Splendid spring flowering plants either for pot culture or open bedding. The flowers are the richest of the color. Pkt. 3c.

PORTULACA.

(Moss Rose.) Annual.
These free flowering little plants produce the most brilliant display of blooms of any in the entire list.

PORTULACA.

AURANTICA—Rich yellow. Pkt. 10c.
ALBA—Pure white. Pkt. 10c.
SCARLET—Bright scarlet. Pkt. 10c.
ROSE—Delicately tinted. Pkt. 10c.
MIXED—All colors. Pkt. 10c.

PYRETHRUM AUREUM.

(Golden Feather.) Hardy Perennial.
A beautiful white everlasting with bright, rich yellow foliage. Pkt. 5c.

RICINUS.

(Castor Oil Bean.) Half Hardy Annual.
CAMBOGIAENSIS—Handsome dark foliage. Pkt. 5c.
ZANZABARIENSIS—Very dark leaves. Plants attain an immense size. Pkt. 5c.
MIXED—Pkt. 5c, oz. 10c.

TYPE OF GEM PANSIES.

MAY'S GEM PANSIES.

In introducing this valuable strain to our gardens we do so with the full assurance that it will give the most unbounded satisfaction in every respect. For years we have been gathering from the most reliable sources in Europe the finest strains of large, free-flowering varieties that have been offered, including nearly all of the high priced novelties. These we have carefully tested, discarding all except those of unquestionable merit which we have retained and sold, until today we have what is undoubtedly a finest mixture for general cultivation of fine flowering pansies in the world. They are remarkable for their large size, free flowering habits, gorgeous blossoms and their varied markings and colorings. We offer them only at full value, as we wish our best customers the real owners and lovers of rare flowers who buy in small quantities, to have the best that money can buy. Pkt. 25c. 1 oz. 25c. 1 lb. 50c. No more than 1 oz. to any one customer.

ORD BEACONSFIELD—Light blue and purple. Pkt. 10c.
ING RUFUS—It opens a rich, deep crimson, changes to a brownish shade. Pkt. 10c.
RANGE PRINCE—Golden yellow, bordering to a rich brown. Pkt. 10c.
VICTORIA—Rich, very double, crimson. Pkt. 10c.
AROMATIC—Very fine and distinct. Pkt. 10c.
CLEAN SPRAY—Blue edged white. Pkt. 10c.
6 Varieties Named Herewith for 50c.

PEERLESS MIXTURES.

Those of our customers who do not care for the purest varieties and wish a blend of different choice mixtures for bedding on the lawn, will find the following mixtures very pleasing and satisfactory.

AY'S ROYAL FIXED—This mixture consists of 20 of the leading varieties and strains, and will produce a bed of pansies for which size, coloring and freedom of bloom will be the admiration of all who see it. Pkt. 20c.

TAR MIXED—This splendid mixture is made up of Golden Crown, Snow Queen, Bronze Queen, Faust, Fire King and Emperor William. Pkt. 15c.

COMMON MIXED—This will produce an abundance of showy blooms, though not as large or beautiful as the more expensive varieties. Pkt. 5c.

POPPIES.

FAIRY BLUSH.

A distinct variety with very large perfectly double flowers measuring from 2 to 5 inches in diameter. The petals are entirely fringed with pure white except the tips, which are distinctly colored rosy cream, giving the flower the appearance of a large white lily with a rosy cast. Pkt. 10c.
**PRIJULIA.** (Primrose.) Tender Perennial.

**CHINESE**—To this class belong the beautiful large flowering graceful varieties so universally admired. Our strain of these is extra choice, being grown especially for florists' trade.

**SINGLE FRINGED**—Blue, White, Crimson, Bright Red, Mixed. Pkt. each 25c, dr. 10c.

**DOUBLE FRINGED**—Choice Mixed. Pkt. 25c.

**SINGLE MIXED**—All colors. Pkt. 10c.

**ACaulis**—This is the hardy garden primrose. Succeeds with slight protection in any location. Blossoms very early in spring. Pkt. 10c.

**FORBESI**—(Baby Primrose)—This little treasure is one of the most delightful plants ever introduced. It commences to flower when only a few inches high and blooms profusely throughout the year. The blossoms are small, pinkish white, borne on long stems and remain fresh a long time after being cut and placed in water. It is one of the few house plants, that is readily grown from seed, which succeeds well everywhere. Pkt. 10c.

**JAPONICA MIXED**—This variety is semi-hardy, producing bright, showy flowers on long stems. Pkt. 10c.

**ORCHIDICA**—This variety, forming immense clumps of showy green leaves, from which rise tall, graceful stems bearing large fringed flowers of a delicate pink tint. Pkt. 10c.

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**ROSÉ.**

(Dwarf Polyantha or Fairy.) Half Hardy Perennial. Produces in great profusion beautiful miniature roses. Pkt. 15c.

**RUDbeckia.** Bicolor Superba. (Cone Flower.) Annual. Grows 18 inches high, producing many flowers with a dark purplish black centre. Pkt. 5c.

**RANUNCULUS.** Asiaticus Superbus. Perennial. A most beautiful low growing plant, covered in early spring with many colored flowers. Pkt. 10c.

**Salpiglossis.** Annual and useful for autumn decoration. The flowers of these very ornamental blossoms are funnel shaped, most curiously marked and veined. Pkt. 10c.

**Emperor**—This new strain of flower grows a main stem about 30 inches, which is thickly studded with flowers of a great variety of colors and most handsomely veined. They are the only flowers to our knowledge that show glittlings of true gold in their make. They are easily cultivated and most popular wherever grown. Pkt. 10c.

**GRANDIFLORA MIXED**—Large flowers in a great variety of colors. Pkt. 5c.

**SCABIosa.** (Mourning Bride.) Annual. These beautiful flowering plants produce a great profusion of richly colored double flowers of various shades and colors. Pkt. 5c.

**Schizanthus.** (Butterfly Flower.) Annual. Beautifully fringed attractive flowers, somewhat resembling large butterflies. Pkt. 5c, oz. 10c.

**Silene.** (Catchfly.) Annual. Dwarf flowering plants which produce bright flowers in rose, pink and pure white colors. Pkt. 5c, oz. 10c.

**SILVANEA.** Annual. Fresh seed from the best growers. Special prices by the ounce and pound. Pkt. 5c.

**Solanum Capiscanthum.** (Jerusalem Cherry.) Tender Perennial. Fine for house culture. Handsome foliage and bright, round, scarlet fruit in great abundance. Pkt. 5c.


**Choice Pot Grown Seed.—** For florists and those who desire an extra lux strain. In White, Crimson, Blue and Rose. Pkt. Each. 10c. 4 Pkts. 50c.

**White Violet**—A charming dwarf white variety which blossoms very early and is of the most compact habit. This winter beauty is far superior to the well-known "Snowflake." As the flowers are much more freely produced and the heads are of the most perfect formation. Pkt. 10c.

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**Salvia.** (Flowering Sage.) Favorite bedding plants, producing long spikes of flowers in great profusion from July till killed by frost.

**Silver Spot**—The old and well known "Scarlet Sage" or Salvia splendens, with its spikes of dazzling scarlet blossoms, is a most desirable plant for growing singly in pots or massed in beds or clumps. In this new variety we not only have an improvement in the size of the blossom and brilliance of coloring over the old Scarlet Sage, but in addition the foliage is of most striking and intense beauty. The leaves are of darkest green, profusely spotted with white, giving the plant a most wondrous beauty. The bright scarlet blooms in their setting of foliage form a rare combination of grace and beauty never before found in any plant. The plant is of very neat, compact habit of growth, and a most prolific bloomer. It will thrive in any rich garden soil, but to obtain high and flowery seed should be started early in the house and the young plants transplanted to the open ground as soon as the weather is warm and settled. Seeds sown in the open ground will make handsome, showy plants for full, which may be taken up and potted for winter blooming in the house. Pkt. 15c.

**Blue Beard—Annual.** Pkt. 5c, oz. 10c.

**Splendens**—(Scarlet Sage.) Perennial. Beautiful bright scarlet, very showy and attractive. Pkt. 10c.

**SUNFLOWER.** (Helianthus.) Annual. Giant Russian—Flowers of enormous size. Pkt. 5c.

**Globosus**—Large globular heads of bloom of a rich saffron shade. Pkt. 5c.

**Silver Leaf—** Silvery foliage; blooms yellow and black. Pkt. 5c.

**Stella—** Blossoms 4 inches in diameter, of a rich golden yellow with black discs. Pkt. 5c.


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**Transvaal Arbor Plant.** Among the other treasures recently introduced from the South African veldt, this mammoth Arbor Plant stands out most prominently. It is a hardy herbaceous perennial, growing readily from seed and attaining gigantic proportions in two or three years. Its strong, stiff leaf stalks often measure from 6 to 10 feet in height, while its mammoth leaves are of most distinct and striking beauty. When they first appear in the spring they are a beautiful brownish red color, which gradually changes to olive green. They are from 8 to 10 feet in breadth, with strong, stout mid-ribs, and the whole upper surface studded with short sharp spines, the whole leaf being of stout, firm texture, with standing wind and rain with impunity. These plants are fine for groups on large lawns, etc., or as single specimen plants. The spines in bright sunlight protection of leaves or strawy manure in winter. Pkt. 15c.
GROWN IN THE GOLDEN GRAIN BELT OF THE WORLD

SWEET PEAS.

Of all the flowers grown by amateurs none are so universally popular nor so widely cultivated as these gems of the garden. Possessed of unbounded beauty in their various colorings and markings, of most delicate perfume, of graceful form and arrangement, very productive and easily grown, they are unequalled by any other annual flower.

The great improvement in varieties the past few years has been more marked than in any other class of flowers. Recent introductions are immense size, highly perfumed and the most exquisite colors and tintsings imaginable. Our collections embrace all the good older varieties as well as the most recent and choice sorts of recent origin.


GENERAL LIST.

Price, unless otherwise noted. Pkt. 5c, oz. 10c, 1/4 lb. 75c, 1/2 lb. 30c, lb. 50c per lb. by express at purchaser’s expense.

ADIMAR—Rose lavender.
ALICE ECKFORD—Creamy white.
AMERICAN QUEEN—Salmon rose.
AMERICAN GRAND—White, bears no resemblance to the general sort of recent origin, and is a true one, being the result of successful crossing of the very best varieties. These were at one time known as cultivars. Now we are called for and produced. For the love of flowers, we have added one of the very finest flowers known to the flower market. This is the result of a most careful selection. Its beauty is in its color, which is a rich salmon, and its size and form are unequalled by any other variety. The flowers are richly perfumed and have a long blooming season.

ALICE ECKFORD—Creamy white.
CETTE—Primrose and lavender.
CETTE—Purplish blue.
COUNTESS OF Lathom—Soft cream color, shaded with soft flesh pink in the center.
CROWN JEWEL—Primrose yellow.
DUCHESS OF WESTMINSTER—Cream.
DUKE OF SUTHERLAND—Standards, deep violet, inner petals, rich orange; base, wings deep violet purple.
DUCHESS OF WESTMINSTER—Primrose and white, earliest of all, standards, bright rose pink; wings creamy white, suffused with salmon pink for a few days earlier than Extra Early Blanche Ferry.
ELIZA ECKFORD—Flesh pink.
EMILY ECKFORD—Rose purple.
EMILY HENDERSON—Pure white.
EMILY LYNCH—Rose pink.
FASCINATION—Pink.
GEORGE GORDON—Reddish crimson.
GOLD MEDAL—Gorgeous—Salmon orange.
HON. F. BOUVIERE—Pinkish salmon.
JEANNE GORDON—Bright rose.
JOHN F. BURKE—Large white, early flowering sort.
LADY HAMILTON—White.
LADY MARY CARRIE—Rose pink.
LADY RIMSBY GOORE—Standards, delicious salmon pink; base, wings clear primrose.
LADY LUCY—Creamy white.
LORD KENYON—Rose pink.
LOTTE ECKFORD—White and lavender.
LOTTIE HUTCHINS—White, striped pink.
LOVELY—Soft shell pink.
MAID OF HONOR—Light blue.
MAJESTY—Rose pink and white.
MISS WILLIOTT—Orange pink.
MODESTY—Delicate, shaded pink.
MONT BLANC—Pure white.
MRS. DUDALDE—Carmine rose.
NAVY BLUE—Violet purple.
QUEEN CARRIE—Light lavender.
ODDY—White and lavender.
ORIENTAL—Bright orange salmon.
OTTIE—Deep pink rose.
PINK FRIAR—Carmine rose.
PRINCESS OF WALES—White.
PRINCE EDWARD OF YORK—Scarlet, pure white.
REY MAID—White.
QUEEN VICTORIA—Primrose yellow.
RAMONA—White, splashed pink.
SADIE BURKE—Pure white.
SADIE BURKE—White, striped pink.
SAINT CLARE—White, striped maroon.
SHAZAIDA—Dark maroon.
SNAPACION—Creamy white.
STELLA MORSE—Apricot colored.
TERRY—White.
VICTORY—White. 

IMPERIAL MIXED SWEET PEAS.

Any 7 packets listed on this page for 25 cents.
Any 7 ounces for 50 cents.

CALIFORNIA GIANTS—A fine mixture of American grown sorts, including the largest and best in their class. Pkt. oz. 10c, 1/4 lb. 40c, lb. 50c.

PARIS PRIZE MIXED—This is made from the named varieties in our Imperial Collection and other choice kinds. Pkt. oz. 10c, 1/4 lb. 25c, 1/2 lb. 75c.

PARIS PRIZE MIXED—This is made from the best named varieties which were awarded first prize at Paris in 1900. These were all American grown and are the best in the world. This mixture is the most popular ever offered. Pkt. oz. 10c, 1/4 lb. 25c, 1/2 lb. 75c.

GOO MIXED—This is a good grade containing a good selection of stock. It is good for show purposes and is very desirable for growing for market purposes and is sure to please. Pkt. oz. 10c, 1/4 lb. 25c, 1/2 lb. 75c.

EXTRA EARLY BLANCHE FERRY—Judged by the quantities of seed sold, this is the most popular variety grown. It is one of the earliest sorts in cultivation, and on this account is largely grown by florists and others for early market. The flowers are of large size and fine form, of a rosy pink color. Pkt. oz. 10c, 1/4 lb. 20c, 1/2 lb. 60c.
DWARF CULTIVATED

All love to grow hundreds of flowers of every shade of yellow and white. Mixed seed. Pkt. sc. oz. 50c.

TORENIANTHUS. Annual

Beautiful plants for baskets, vases, etc. Blue and white blossoms with yellow throat. Pkt. 10c.

WALL FLOWERS. Annual

DOUBLE MIXED—All colors. Pkt. 10c.

WILD CUCUMBER Annual

For covering porches, trellises or any other thing where a climber can be used this is certainly the best plant we know of. It will grow almost anywhere in any soil. Pkt. 10c.

VERBENAS.

Early flowering plants may be had by sowing the seed in boxes in the house and transplanting the plants to the open ground as soon as the soil is warm enough. Seed sown in the open garden in May will produce flowering plants by August. The mammoth flowering varieties excel in richness of color and size of blooms anything ever before offered in the line of Verbena.

VIOLET ODORATA.

(Sweet Violet.) Perennial.

Blossoms clear blue and highly perfumed. Pkt. 10c.

WILD FLOWER GARDEN FOR CHILDREN.

There is need for a spot in the garden that the little ones can call their own, where the daintiest, sweetest flowers, easy of culture and of rapid growth can be grown for their special enjoyment. Nothing appeals more instantly to a young fancy as bright colors and beauty of form, and the influence in the mind when in the most receptive state, of a constant association with nature and its beauties, will be found to create beneficial impressions lasting a lifetime. Not only is the love of the flowers contagious, but there also comes to be a love with a noble object when the child is given a personal interest in the cultivation of the flowers and the thoughtfulness the children's garden can

WINDY, WINDY.

(Dianthus Barbatus.) Annual

SINGLE VARIETIES.

Crimson, red, white, white margined, mixed, all colors. Pkt. each 5c. sc. 15c.

DOUBLE VARIETIES.

Crimson, white, mixed. Pkt. sc.

THUNBERGIA.

Annual

A handsome climber, each plant bearing hundreds of flowers of every shade of yellow and white. Mixed seed. Pkt. 10c.

TORENIA FOURNERI.

Annual.

Giant mixed Zinnia.

These large, flowered plants continue to be among the most popular of the summer blooming annuals. Where a fine effect in massing is desired nothing can equal them for effectiveness. For hedges, border, etc., they are equally good and are most beautiful with their dazzling display of bright colors.

GIANT MIXED—The flowers grown from this mixture are very large, some measuring 8 inches in diameter, perfectly double, and of every conceivable shade of color. Plants grow about 36 inches high, commence to bloom early and continue a mass of loveliness until late fall. Pkt. 10c.

CURLERD AND CRESTED—A beautiful variety, each plant producing from 100 to 200 large double flowers, with petals curiously twisted and curled into graceful and most fantastic forms, comprising all the many colors found in this beautiful class of flowers. Pkt. 10c.

FIRBRAND—Flowers are of mammoth size, as double as the Dahlia, while the color is by far the brightest scarlet ever seen in any flower. Pkt. 10c.

ZEBRA—A suberb works in size, perfectly double and handsomely striped and marked with various colors. Pkt. 2c.

Collection of 4 varieties described above for 25c.

DWARF VARIETIES.

Double orange, double white, double canary, double mixed, each 1c.

TALL VARIETIES.

Double white, double rose, double yellow, double crimson, each 1c.

Double mixed. Pkt. 2c. oz. 25c.

Giant mixed Zinnia.

These large, flowered plants continue to be among the most popular of the summer blooming annuals. Where a fine effect in massing is desired nothing can equal them for effectiveness. For hedges, border, etc., they are equally good and are most beautiful with their dazzling display of bright colors.

VIOLA CABRISTA.

Annual.

Beautiful plants for baskets, vases, etc. Blue and white blossoms with yellow throat. Pkt. 10c.

WILD FLOWER GARDEN FOR CHILDREN.

There is need for a spot in the garden that the little ones can call their own, where the daintiest, sweetest flowers, easy of culture and of rapid growth can be grown for their special enjoyment. Nothing appeals more instantly to a young fancy as bright colors and beauty of form, and the influence in the mind when in the most receptive state, of a constant association with nature and its beauties, will be found to create beneficial impressions lasting a lifetime. Not only is the love of the flowers contagious, but there also comes to be a love with a noble object when the child is given a personal interest in the cultivation of the flowers and the thoughtfulness the children's garden can
Our plants are grown under the "cold system," thus giving them the firmness of texture and abundance of roots to enable them to stand shipping well. This insures strong, thrifty stock far superior to that sent out by some firms who force their plants in overheated houses. Unlike many seedsmen who send plants out at a distance and then repackaged by inexperienced hands. On the contrary, our plants are taken directly from pots, packed and shipped the same day, the roots being disturbed as little as possible and not well to dry out. We have given the packing of plants our careful attention and study for years and are constantly improving on our methods until we have no hesitation in saying that our methods of packing and shipping plants are the best in the world.

ANTS BY EXPRESS—While plants can be safely sent by mail and our guarantee accompanies all such orders, we would advise all customers ordering plants to have them sent by express. The cost is a little more, but our patrons are amply repaid by receiving larger and stronger plants, and we always include extras more than sufficient to cover express charges. All plant orders will be mailed as soon as possible after receiving them, weather permitting. With our hard winters, however, it is unsafe to ship any plants before March 1st. Not only will the plants arrive in better condition if shipped at that time, but they will be much larger and stronger than if planted earlier, so that customers will lose nothing by waiting. If, however, our customers desire their plants immediately, we will comply with their wishes in the matter as soon as we think it safe after receiving their orders. All plant and bulb orders are filled from our greenhouses and will be mailed in separate packages from those not with the seeds.

REE. With all orders for plants we send our booklet—The A B C's of Successful Floriculture, containing many valuable hints on the care and culture of house plants. We guarantee to stand behind our stock and guarantee to send good plants, or have them sent to the customer.

IMPORTANT—Plants sent by mail have but little soil left on the roots and should receive careful attention on their arrival. If they appear wilted, place them in lukewarm water for fifteen to twenty minutes. This will greatly revive them. They are guaranteed to reach our customers in the United States in a perfectly healthy, living condition. If they do not, and we are notified immediately on their arrival at the proper post office, we will replace them at our expense. All plants will be sent by mail, postpaid, unless otherwise noted in our catalogue or customer instructs otherwise. If sent by express the customer will pay express charges. Please note that we guarantee the sale arrival of all plants sent by mail to any point in the United States, provided the above conditions are complied with by the customer.

ABUTILONS.

(Flowering Maple.)

Very showy, decorative, free growing, soft sided, flowers in clusters similar to the maple, in graceful, bell shaped flowers. They succeed in any soil composed of equal parts of turfy loam, leaf mould and some gritty sand. They require an abundance of water. 15c each unless otherwise noted.

ASTE EULALIE—Flowers extra large, perfect in form and clear satiny pink.

DEN BELL—Blossoms large, deep rich, golden yellow. A very fine flowering sort. 10c each.

VITZII—Large deep green foliage with a broad leaf margin, not unlike the silver leaf Geraniums.

UV DE BONN—(See Cut.)—The most attractive of all the Abutilons, having dense, green, maple shaped leaves, distinctly hinged and with the hip, these flowers are bright orange reined with crimson.

LENDEN—A beautiful deep red variety. A profuse and continuous bloomer. 10c each.

GRIPSON PLENA—Golden spotted leaves. Double large colored blossoms. Very distinct and pretty.

ACALYPHA SANDERI.

(Chenille Plant.)

(See Cut.) The plant is of branching habit, lathy foliage and the flowers are most remarkable. If the axils of the leaves, grow from two to three feet length. They are of bright crimson color, drooping and hugging among the crepe. This is an ever blooming effect. For bright and curious effect it is unequal. It grows as easily as a coleus, and blooms continuously throughout the year.

ALBIZZIA.

A beautiful plant from Persia, which produces clusters of rose colored, tassel-like blossoms borne on long stems well above the foliage. Very curious shrub. 15c each.

THE WONDERFUL AIR PLANT.

(See Cut.)—This novelty of the plant world will grow under all conditions, either in soil, water, or from exposure to the air in a moist place. The blooms are of curious formation and are produced very freely the entire year, making it particularly desirable for house culture and in nooks and corners where ordinary plants would not thrive. 15c each.

ASPARAGUS PLUMOSUS NANA.

Climbing Lace Fern.

A most beautiful ornamental climbing plant, for house culture. The leaves are a very deep green color for the lace-like texture, which remains green and fresh a long time after being cut. It is of climbing habit and can be easily trained to any desired shape or form of trellis. The plants which we offer have been grown cool, thus providing them with an abundance of tenderous roots which will throw up strong, feathered foliage of the most beautiful character. Strong plants 25c each. Large plants, by express 50c and $1.00 each.

ASPARAGUS SPRENGERI.

A very handsome trailing plant of recent introduction. Of very free and vigorous growth, producing sprays of beautiful green, feather-like foliage 4 to 5 feet long. These remain green a long time after being cut, and are very useful for bouquets, wreaths and sprays. It is admirably adapted for hanging baskets in the house, as it thrives in a dry atmosphere in almost any position. It grows freely the entire year, and produces small, white, star shaped flowers which are soon followed by bright red berries. 25c each. Stronger plants, by express 50c, 75c and $1.00 each.

AIR PLANT.

ABUTILON SOUVENIR DE BONN.

CHENILLE PLANT.

GROWN BY THE FAMOUS COLD SYSTEM.
ANTIGONON LEPTOPUS.
The Wonderful Mountain Rose.
It is a most rapid grower, a most profuse bloomer, and trained on a trellis or veranda affords an abundance of shade during the hot summer months. The blossoms are most beautiful, being of a rich carmine scarlet shade, and borne in immense clusters the entire length of the vine. The leaves are large and handsome, and the whole plant presents a pleasing appearance. 15c each.

ACALYPHA TRIUMPHANS.
A beautiful foliage plant with large, clean, healthy, showy foliage. The predominant color is red, marbled lighter and darker, streaked and dappled green, yellow, white and other colors. 15c each.

ACHYRANTHUS.
Dwarf growing foliage plant. Color a deep blood red. 10c each.

AGERATUM.
Stella Gurney. Of dwarf, compact, even habit of growth, flowering very profusely, forming red and bushy heads of fine deep blue, a shade not approached in any other bedding plant. 15c each.

ALTERNANThRA.
Popular, dwarf growing foliage plants, valuable for carpet bedding or lettering on the lawn. 10c each.

AUREA—Bright yellow.
PARVHOIIDES—Orange red, shaded olive green.

ASTERS.
Grown from the best selected seed. Colors white, pink, blue and red. Strong Seedlings. Ready July 1st. 35c per doz. Pot plants, ready June 1st. 10c each. $1.00 per dozen.

FLOWERING BEGONiAS.
Among the most popular and most satisfactory house plants grown. They may be cultivated and grown in any locality, anywhere, are ornamental on account of their clean shining foliage and their bright waxy flowers, 10c each, unless otherwise noted.

ALBA PICTA—Large glossy, green leaves, thickly spotted with silvery white; blossoms pure white.
APPLE BLOSSOM—A dwarf growing, free flowering variety with beautiful pinkish white blossoms.
DIADEMA—A beautiful variety with large, deep cut foliage, rich olive green with silvery dots and veins.
GLOOE DE SCAEX—Large lustrous dark green leaves tinged red. Flowers bright pink. 15c each.
INCARRANA—Dark green leaves spotted white. Flowers bright showy pink borne on long stems well above the foliage.
MARGUERITE—Handsome bronze green leaves. Blossoms rose colored, freely produced the entire year.
M. DE LEPESSE—Leaves green, of a peculiar silky texture, richly spotted with silver. Flowers white and rosy pink.
METALLICA—A most charming variety in every particular and the very best we have ever grown. It is a strong, rampant grower and a wonderfully free bloomer. The leaves are triangular shaped, the under side hairy, the upper surface of a lustrous metallic or bronze color, veined darker. The flowers are nearly pure white. 15c each.

OttO HACKER—Large, shining, deep green leaves 8 to 10 inches long. Flowers bright coral red.
PAUL BRUANT—Leaves of deep olive green, of heavy texture. Flowers delicate rose, changing to white.

PRES. CARNOT—Foliage immense, similar to Eureka, but more than twice as large. Flowers coral red, produced in large panicles.
RUBRA—A rapid and vigorous grower, with deep green leaves, coral red blossoms.
THURSTONI—Pink flowers and metallic foliage.
VERNON—A new dwarf variety of recent introduction, especially valuable for bedding. The foliage is a rich, glossy green edged with red. The flowers when first opened are a deep red, which changes to a clear rose color when fully expanded. 10c each. $1.00 per doz., $5.00 per 100 by express.

BEONIA REX.
These are valuable for pot culture in the house, the grand and varied markings of the leaves rendering them very beautiful and showy. 15c each.

BOUGAINVILLEA SANDERIANA.
Chinese Paper Plant.
A pot plant. It is magnificent, a strong, vigorous grower, with splendid, Camelia-like foliage, deep shining green. Plants commence to bloom in small pots and continue throughout the year. As the plant grows older it is literally covered with an amazing number of blossoms of a pleasing rose crimson, with deep yellow golden anthers. Planted in pots and trained over a trellis, a large plant of this superb novelty presents one of the most beautiful sights imaginable. 25c each.

BROWALLIA JAMESONI.
Orange Violet.
An old but neglect grown, compact, bushy heads, which, when the plants are in bloom are covered with large violet shaped flowers of a bright orange color, giving it a rich golden appearance. 15c each.

BRUGIANSIA.
One of the most beautiful plants of recent introduction. The flowers are drooping, bell shaped, of immense size, many of them being a foot or more in length and 5 to 10 inches in diameter. The color is creamy white, and it is very fragrant. A robust grower and a very free bloomer, it being so uncommon that to see 20 to 30 of these immense blooms, open at the same time. The bush attains a height of from 2 to 3 feet, can be grown outside in summer or indoors in winter. As it is quite tender care must be taken to remove it indoors as soon as frost appears. 20c each.

CALADIUM ESCULENTUM.
Elephant's Ear.
A well known tropical plant bearing immense leaves of thick leathery substance. For large bed on the lawn or as single specimen plants, nothing can equal it. Size bulbs 15c. Large bulbs 25c, Mammoth 35c.

CISSUS DISCOLOR.
A beautiful and luxuriant climber, with sharp pointed, heart shaped leaves, the upper surface of dark green, the under side lighter green, both are covered with white following the veins, the under surface of a deep red purplish. 20c each.

CLEMTDENDRON BALFOURI.
(See second cut page 67.) These flowers are produced in great abundance, and as shown in the illustration, are of a drooping habit, slightly resembling the blossoms of a Fuchsia. Color, white or a pale scarlet. 15c each.

CONONILLA GLAUCA.
A thrifty, rapid growing, bushy little plant bearing an abundance of fragrant, pea shaped, yellow flowers. 15c each.

ANTIGONON LEPTOPUS.
CALADIUM ESCULENTUM.
BEONIA REX.
BOUGAINVILLEA.
BEONIA METALLICA.
BEONIA PICTA.

IF YOU WANT THE BEST, BUY MAY'S PLANTS.
CANNAS.

These are the showiest bedding plants known to many American gardeners. From a list of over 100 varieties grown at our nursery, we have selected the following as the best in their respective colors, and we offer them to our customers for their choice.

**TRI STRONG PLANTS**—We can supply strong, field grown plants in September at 30c each, postpaid, or $1.50 per dozen by express, unless otherwise noted.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRIS</td>
<td>2-3 ft</td>
<td>$1.50</td>
</tr>
<tr>
<td>CALLA</td>
<td>2-3 ft</td>
<td>$2.00</td>
</tr>
<tr>
<td>CARYOPTERIS</td>
<td>2-3 ft</td>
<td>$2.50</td>
</tr>
<tr>
<td>MASTACANTHUS</td>
<td>2-3 ft</td>
<td>$3.00</td>
</tr>
<tr>
<td>CARNATIONS</td>
<td>2-3 ft</td>
<td>$3.50</td>
</tr>
<tr>
<td>BOTANY</td>
<td>2-3 ft</td>
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<tr>
<td>FLORA</td>
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</tr>
<tr>
<td>FESTUCA</td>
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<td>$5.00</td>
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<tr>
<td>CROWN</td>
<td>2-3 ft</td>
<td>$5.50</td>
</tr>
<tr>
<td>ENCHANTRESS</td>
<td>2-3 ft</td>
<td>$6.00</td>
</tr>
<tr>
<td>GLORIOSA</td>
<td>2-3 ft</td>
<td>$6.50</td>
</tr>
<tr>
<td>SPOTTED CALLA</td>
<td>2-3 ft</td>
<td>$7.00</td>
</tr>
<tr>
<td>CANNA BED COLLECTIONS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Collection No. 1—For a Bed 6 Feet In Diameter Burbank 162; 4 Adorable Dewey 666; 10 Florence Vaughan $1.50. Set of 15 for $2.00, postpaid, or $1.00 by express.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Collection No. 2—For a Bed 9 Feet In Diameter Mariboro 20; 6 Pres. Cleveland 106; 10 Adorable Dewey $1.25; 10 Florence Vaughan $2.00. Set of 33 for $4.00, postpaid, or $1.50 by express.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Collection No. 3—For a Bed 12 Feet In Diameter Black Prince 45; 8 Burbank $1.00; 15 Adorable Dewey $1.50; 25 Florence Vaughan $4.00, set of 51 for $6.00 postpaid, or $2.50 by express.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**CANA BED COLLECTIONS**

**MIRAL DEWEY**—A rich crimson; a strong, upright grower attaining a height of 4 feet.
**RBANK**—Extra large blossoms of pure canary yellow. Grows 2-3 feet high.
**ACK PRINCE**—Dark velvety maroon flowers, large, deep green edged with purple. Height, 4-6 feet.
**ORENCE VAUGHAN**—Blossoms large, yellow, velvety splashed red. Height, 4-6 feet.
**OROSA**—A very fine dwarf growing, large waxy variety. The petals are a rich glow of crimson, streaked, spotted, and marked with a deep band of golden yellow around the outer edge. It is particularly adapted to plant as a border around the edges of taller sorts, as well for pot culture. Height, 18 to 24 inches.
**AD CROZY**—A dazzling crimson scarlet, bordered with golden yellow. Height, 3-5 feet.
**RLBRO**—Darkest crimson blossoms borne large trusses. Grows 4 to 5 feet high.
**ARTHA WASHINGTON**—A deep bright pink; very perfect bloom. Height, 3 feet. 20c each.
**S. KATE GRIFFIN**—Large flowers 5 to 6 inches in diameter. Color rich orange scarlet, slightly streaked and flushed with golden yellow on edges. A most lovely large-flowered variety, new and distinct. Height, 6 to 7 feet, with massive foliage. 25c each.
**SACE**—The nearest approach to a white manna ever introduced. Color, pale sulphur, tinged with orange. Height, 5 to 6 feet.
**ACK BEAUTY**—A most beautiful foliage kind. The flowers are deep red, a wine red, almost black. Height, 5 to 6 feet. 25c each.
**B. CLEVELAND**—Orange scarlet, very lovely. Collection of 12 named sorts for $1.50.

**CANNAS**—Good strong tubers of large waxy flowers. 10c each, $1.00 per dozen, postpaid, $5.00 per 10 by express.

**LOWER GEÆ**—A dwarf growing variety, similar to the old common white sort, except in size. 15c each.
**SPOTTED LEAF**—Dark green leaves, beautifully spotted with white. The flowers are white with a purple throat. 25c each.
**WHITE CALLA**—The old, well-known variety. 20c each.

**LITTLE GEÆ**—An improved dwarf variety with small white flowers. 15c each.

**CARNATIONS.**

Our list of these beautiful plants will be found up to date, none but choice varieties of recent introduction being offered.

Unless otherwise noted, 15c each, $1.50 per dozen.

We can supply strong, field grown plants in September at 30c each, postpaid, or $2.50 per dozen by express.

**AKAZINDY**—Pure white, lightly penciled scarlet.
**G. H. CRANE**—A rich, clear, brilliant crimson, finely fringed and highly perfumed.

**ENCHANTRESS**—This charming variety, offered for the first time this season, so far surpasses other existing sorts that its wide dissemination and popularity are assured beforehand. Cut blooms the past season readily sold at double the price of other choice varieties. It is the largest bloom we have ever seen, measuring 4 to 5 inches in diameter, the stems being 24 to 30 inches in length. The flower is delicately perfumed and the calyx never fades, while its keeping qualities are remarkable. The color is a soft pink, not unlike the old Daybreak. We are pleased to recommend this variety to flower lovers, knowing that it will not fail to please. 25c each.

**FLORA HILL**—Pure white blooms of large size, rather flat.

**GENERAL MACEDO**—Deep brilliant scarlet overlaid with maroon.

**MORNING GLORY**—A delicate, bright flesh pink—improved Daybreak.

**GOY, WOLCOTT**—Another meritorious variety of this year's introduction. A very large bloom of purest white, borne on strong, stiff stems. A valuable addition.

**MRS. LAWSON**—The largest flowering dark pink variety. Color a deep rich cerise pink. Blooms early and late and thrives everywhere.

**MRS. BRAIT**—Very large blooms, clear white, heavily splashed and streaked with red.

**WHITE CLOUD**—Extra large blooms of superb form and texture. Pure white, fragrant and lasting.

**PROSPERITY**—A pure white ground overlaid with shadings of soft pink, reminding one of the beautiful flowers often seen in Azaleas. 25c each.

**NORWAY**—White, sometimes slightly streaked pink. Blooms 2½ to 3 inches in diameter, of good form and long-keeping qualities.

Collection of 12 Named Sorts for $1.50.

**CALLAS.**

**LITTLE GET**—A dwarf growing variety, similar to the old common white sort, except in size. 15c each.

**SPOTTED LEAF**—Dark green leaves, beautifully spotted with white. The flowers are white with a purple throat. 25c each.

**WHITE CALLA**—A remarkable variety producing velvety black blooms, with coal black spathe. 25c each.

**BLACK CALLA**—The old, well-known variety. 20c each.

The above set of 4 Callas for 75c postpaid.

**CARYOPTERIS MASTACANTHUS.**

**Blue Spirea.**

A beautiful, vigorous, healthy grower, producing charming flowers of a bluish lavender color. 15c each.

**CHINESE LANTERN PLANT.**

A decided novelty in the plant line. The plant produces numerous large inflated tubs, much the shape of Chinese lanterns, at first a beautiful green color, changing to a yellowish hue and then to brightest scarlet, and as they hang suspended among the green foliage they present a most beautiful appearance. 15c each.
CUPHEA EMINENS.

Cigar Plant.

A charming plant which grows rapidly to a height of 15 or 18 inches, bearing a mass of scarlet flowers tipped with gold and green. 15c each.

CHrysanthemums.

Prices, unless otherwise noted, 10c each. $1.00 per dozen. Special quotations made on large lots to parties desirous of growing them for flower shows. Small plants cannot be supplied after August 1st. We can supply large plants of the leading sorts for full blooming after September 1st at 50c to $1.00 each by express.

We grow over 60 good varieties, but list hereafter two dozen of the very best sorts for amateur cultivation. We can supply many other choice sorts, and will be pleased to furnish a list of varieties on application.

SIX BEST EARLY FLOWERING Sorts.

These varieties are all very early flowering that should perfect their blossoms in the open ground, even in the northern states. They are the cream of the early, and are selected from a list of nearly one hundred varieties.

MRS. P. BERGIAN—Very early, large, creamy white. A delightful sort.

Lady FitzwYgram—The earliest white variety in cultivation. Blooms of good size, creamy white.

MRS. J. G. WHITBROW—One of the earliest and best yellows in cultivation.

YELLOW QUEEN—Pure golden yellow. Very early and desirable.

MRS. HENRY ROBINSON—An extra large, pure white variety, forming a perfect ball of snow when fully developed.

ADELE—A pleasing shade of light pink. Blooms of large size, full and of great lasting qualities.

SIX GRAND MIX SEASON Sorts.

COL. D. APPLETON—A very large, bright, deep yellow, incurved blooms, of finest form and great substance.

TIMOTHY EATON—This is the largest globular incurved white sort ever introduced. Individual blooms often measure 8 inches in diameter.

LAVENDER QUEEN—A soft, pleasing shade of lilac pink, under artificial light resembling a light colored orchid.

MAURICE BONAFFON—This grand old variety we still consider the very best for amateur cultivation. The plant is strong and vigorous, the foliage the prettiest we have ever seen in any variety. The blossoms are of the largest size, ball shaped, incurved, a soft pure yellow. Its keeping qualities are the best of any known Chrysan- theum. For pot culture in the north, for outside growing in the Midwest, and for greenhouse cultivation everywhere it is the peer of all others.

MAUD DEAN—An extra large flowering variety with broad incurved petals. Color, pink, almost rose.

GOLDEN WEDDING—A large flowering yellow variety of great beauty. Stems very strong, blooms globular, 8 inches in diameter.

SIX ELEGIANT LATE Sorts.

INTENSITY—A new crimson variety of great merit, recebered very large blooms, and for greenhouse culture everywhere.

GOLDEN BEAUTY—A late golden yellow, ready at Thanksgiving and later. Fine large blooms of great depth.

W. H. RAYMOND—A popular late variety. Blooms very large, pure yellow, of good form and substance.

YAMSTA—Very late, pure white, reflexed petals. The best late white.

W. H. CHADWICK—A valuable late white of largest size. Flowers pure white, sometimes slightly tinged with pink.

MARIAN NEWELL—Flowers of extra size, measuring 9 inches in diameter. Reflexed variety with large wide petals. Color a true pink.

6 CHOICE POMPON Sorts.

VIOLA—Pure Pink.

ATLAS—Bright yellow.

MIZPAH—Clear bright pink.

GARISA—Pure white.

ATLA—Choice yellow.

DAHLIAS.

There is no more beautiful class of flowers than these. They are of easy culture, give an abundance of bloom at small expense and increase in numbers very rapidly from year to year. The tubers should be taken up each fall and stored in a dry cellar until spring, when they may be divided and replanted.

Price, unless otherwise noted, 15c each, or $1.50 per dozen.

A. D. LIVONI—Rich pink, finely formed. A very handsome and desirable variety.

ALEWINE—Delicate pink, tipped purple.

ALICE EMILY—Buff yellow, perfect form.

ARABELLA—Pale lemon, shading to primrose at the tips. A large bloom of perfect form.

ARGAN DE PUYE—Maroon, tipped white.

CAPSTAN—Soft brick red, shaded apricot. Remarkable for its fine and early flowering.

DR. J. P. KIRKLAND—Very large bloom; dark velvety crimson.

ERNEST CLARKE—Rich purplish magenta.

EARL OF PEMBROKE—Bright purple color, deeper and more velvety towards the center. Petals long, pointed and regularly arranged.

GRAND DUKE ALEXIS—Very large bloom; white, tinted lilac.

HUMILISCHE—Light purple lavender.

JOHN ROACH—Pure yellow. Cactus variety.

LITTLE JENNY—Pompon. Beautiful, rich crimson maroon.

MARY D. HALLECK—Canary yellow, of medium size.

MISS RUTH—Pale pink, shadeg to white. Often sports a deep cardinal.

MRS. BARNES—Cactus. A beautiful primrose color. Blossom well formed and a free bloomer.

MRS. BENNETT—Soft crimson, large, well filled flower. Cactus sort.

PERLE DE LA TETE DE OR—Pure white with an occasional lavender tint. Very large and fine.

PLUTON—Pure yellow; choice.

PRINCE OF ORANGE—Cactus. In color a blending of apricot, orange and bronze. Free bloomer.

SUNBEAM—A new crimson pompon.

SNOW CLAD—A fine white pompon.

VIRGINALE—White pompon.

WHITE SWAN—A well formed, pearly white sort.

W. E. GRATSCHBEFF—Buff, suffused with red, spotted and striped crimson.

ZOA—Pompon. Yellow, edged salmon and pink.

MIXED VARIETIES—In harvesting our tubers many of them become mixed. These we offer in mixed lots. They will be choice varieties, but we do not know their colors. 10c each. $1.00 per dozen.
JAPANESE FERN BALL.

(See cut opp. page.) These interesting plants are grown suspended in the air, and with proper treatment will live for many years, alternately growing and resting. When growing, they should be watered regularly several times each week. When resting, water should be withheld entirely.

1st size dormant balls, 60c each postpaid.
2d size dormant balls, $1.00 each postpaid.
Growing balls $1.00 and $1.25 each by express.

FICUS ELASTICA.
Rubber Plant.

(See cut opp. page.) A very graceful, ornamental plant with broad, glossy leaves of deepest green. Strong plants, by express, 75c to $2.00 each.

HIBISCUS, PACHEBLOW.
The flowers are large, perfectly double, of a rich shade of clear pink with a small deep crimson centre. A continuous bloomer. It is a rapid, vigorous grower, commencing to bloom when quite small and producing finely formed blossoms 4 to 5 inches in diameter continuously throughout the year. 95c each.

FUCHSIAS.
They thrive best in a mixture of leaf mold and sand; should be kept in a shady, moist situation, and require plenty of water, especially when in bloom. 10c each, unless otherwise noted.

CAR HOLT—A beautiful single variety striped red and white.

HELEN—Tree Fuchsia.—Large, semi-double, orange scarlet blossoms; plant grows in tree form. 15c each.

LORD BIRON—Large, single purple blossoms. A most prolific bloomer.

MRS. E. G. HILL—Large double blossoms; corolla pure white, sepals dark red.

MRS. MARSHALL—Semi-double; corolla crimson, sepals white.

PRINCE NAPOLEON—Very large, double purple blossoms.

TRAILING QUEEN—A choice variety of trailing or drooping habit. A novel and distinct sort.

GERANIUMS.
After careful trial and selection extending over a period of thirty years we have chosen the following sorts as best adapted to general cultivation. Price, unless otherwise noted, 10c each, $1.00 per doz., postpaid; $6.00 per 100 by express.

MARS—It is of dwarf, compact growth, the largest variety introduced to date, forming strong, stocky plants with great density of blossoms and is the most prolific bloomer ever seen. The foliage is dark green with bronze tint. The flowers are single, deep rose salmon, becoming deeper at the edge and shading to almost pure white at the outer edge of the petal. 75c.

JEAN VIAUD—Soft, pure pink, semi-double with two white blotches, Dwarf, stocky grower, rigid stems, large trusses, perfect flowers, a continuous bloomer, the plant being covered with blossoms throughout the season. It has an iron constitution; withstands rain and sun better than any known geranium. 15c each.

MAY'S PREMIER COLLECTION.
These six choice plants for 75c. This contains six of the very best varieties in cultivation which are selected by us on account of the size and brilliancy of bloom, their sturdy, vigorous growth and their prolific habit of bloom throughout the season.

ALPINE RICARD—This is a handsome variety, producing in greatest profusion immense trusses of semi-double, orange red blossoms of perfect form. 15c each.

AMERICA—It is a seedling from Mars, of slower growth and larger foliage than the parent. On opening, the flowers are white with salmon centre, changing to various shades of salmon and rose, finally, when fully open, to deep pure rose. 25c each, $2.00 per doz.

MAD. JAILIN—The plant is of dwarf, robust habit. Flowers of largest size and very abundant, the centre a delicate pink, outside a pure white. 25c each.

DUVIGE—Flowers single, bright rosy red, with large white blotches on two upper petals and smaller blotches on the three lower ones. 25c each.

LA FAVORITE—An old, well known variety. The flowers are perfectly double, pure white, and produced in great profusion throughout the season. 10c each.

J. J. HARRISON—The most brilliant scarlet grown. The trusses and florets are of immense size. 15c each.

OTHER DESIRABLE Sorts.

BEAUTY POMPEIAN—Rose salmon.

JOHN DOYLE—Bright vermilion; semi-double.

LA LONCHEAU—Deep salmon, rose color.

MRS. J. H. BURTON—Single salmon.

MRS. BEADLES—Single salmon.

MAD. POIRET—Violet carmine.

MAD. ROZAIN—Double white.

RODIN—Double rose-pink.

QUEEN OF THE WEST—Single scarlet.

S. A. NUTTI—Dark crimson.

IVY LEAF VARIETIES.

These are very desirable for baskets, or any place where a low-growing plant is desirable. 10c each.

BEAUTY OF CASTLE HILL—Large flowers of a soft rose color with dark blotch on upper petals.

GARDEN GLORY—Individual bloom of largest size, a very pleasing pink color.

J. J. HARRISON—Very large, pure white.


SOUV. CHAS. TURNER—Flowers double, bright pink, upper petals feathered maroon.

VARIEGATED—Silver leaf.

Valuable for borders or pot plants. 10c each, $1.00 per doz. or $6.00 per 100 by express.

MOUNTAIN OF SNOW—Large leaves, edged silver.

MAD. SALLEROL—Small leaves, tinted white.

ROSE JACARANDA—Very fragrant scented variety. 10c each.

JAPANESE CEDAR.

(See cut opp. page.) This is one of the most beautiful ornamental plants of recent introduction. It is of most easy culture and rapid growth and is suited to any situation, it is a tender evergreen, attaining a height of several feet in a few years. 25c each.

GLADIOLI, ROYAL MIXED, SEE PAGE 70.

PRINCE NAPOLEON, FUCHSIA.

MARS GERANIUM.
DRACENA INDIVISA.
A beautiful decorative plant with long, slender, graceful drooping branches. Adapted to pot culture and to hanging boxes, etc., on the lawn.
Small plants 25c each by mail. Strong plants 15 to 18 inches tall, $1.00 each by express. FABRIZIA IMBRICATA.
A small pot plant with cedar-like foliage, which, in the spring, produces an abundance of charming, pure white, tubular blossoms, $2.00 each.

Ferns.
ASSORTED VARIETIES for jardinières and ferneries:
Strong, thisty plants, 20c each by mail, or $1.50 per dozen by express.
ÆADEN HAIR—Our stock of these is very complete; the finest and best we have ever grown.
1st size, 25c each, postpaid.
2nd size, 75c each by express.
3rd size, $1.50 each by express.
Extra fine specimens $5.00 each.

BOSTON—Its long, graceful, drooping fronds often attain a length of 5 or 6 feet in a single season, while its foliage is always clean and healthy and not subject to the attacks of scale, mealy bugs and other insects.
1st size, 25c each by mail.
2nd size, 75c each by express.
Large size, $1.50 each by express.
Extra Fine, $2.50 each by express.

Ferns.
PIERSON FERN—For illustration and description see list of specialties.

Honeysuckle, Fuchsia flowered.
This is a very vigorous grower with long-trailing branches which are literally covered with beautiful red blossoms. The flowers are long, trumpet shaped, and borne in large clusters, drooping like the Fuchsia. 15c each.
HYDRANGEA—varieties.
The well known and favorite old variety, producing immense clusters of pink blooms which remain on the plant a long time before falling. 25c each.

GREVILLEA ROBUSTA.
Silk Oak.
A magnificent plant for decorative purposes, growing very rapidly. The foliage is finely cut, rivaling many of the rare ferns in beauty. 15c each. To order.

HELIOPORE.
10c each, $1.00 per doz., postpaid. $6.00 per 100 by express.
CHIEFTAIN—Lilac colored, large truss. FLEUR DE ETÉ—Pure white. 25c each.

PODIUM.
Strong growing tropical plants with handsome, glossy foliage and large, brilliant showy flowers. 15c each, unless otherwise noted.
COLLETT—Lemon yellow, base of petals crimson scarlet.
COOPERI—Foliage beautifully variegated with dark green, pink and white. Flders large, single crimson.
GEN GRANT—A plant flowering a blooming red variety, the largest and most perfect one of this class. 25c each.

LEMON VERBENA.
A beautiful plant with variegated-like foliage which is delightfully fragrant. 15c each.

MANETTIA VINE.
Our illustration is a good representation of this magnificent plant, though no picture can do justice to its entrancing beauty. The tubular blossoms are from 1 to 2 inches long, of a bright orange-scarlet color tipped with golden. 15c each.

LANTANAS.
These afford an abundance of bloom throughout the entire summer. 10c each, $1.00 per doz.
HENDERSON—Beautiful orange, changing to large crimson. 25c each.
LA NEGE—Pure white with faint shade of yellow. 25c each.

M. S. McKINLEY, The Weeping Lantana.—The plant is of rapid growth and graceful drooping habit, with lovely, dark green foliage, producing a cluster of flowers at each node. The flowers are a mossy, delicate, clear, brilliant, rosy, rose-like color, entirely distinct from any other flower. They are ever present, and the result is a beautiful plant for the summer garden. 15c each.

THE QUEEN—White, tinged with blush and carmine. 25c each.
VAN SPANDONK—Fiery red. 25c each.
ZAMPA—Tender rose, mottled carmine. 25c each.

IVY ENGLISH.
The old time favorite; valuable for baskets, vases, and for cemetery work. 10c each.

JULIETTEAS.
Plume Plants.
A beautiful class of plants of very easy culture and rapid growth. They commence to flower when quite young, throwing up large, plume-like blossoms which last a long time. 25c each, $2 for 50c.

CARNEA—Very beautiful red. 25c each.
FLAVA—Yellow. New and desirable. 25c each.
VULLUTINA—A beautiful variety in variation. 25c each.

GLADIOLUS.
ROYAL MIXED.—(See page 69.)—In this mixture we have placed many of the best named varieties. By carefully growing for a series of years, and rejecting the poorer kinds each season, we have produced a strain which, for size of bloom and brilliancy of color, is unsurpassed. 10c each, $1.00 per doz.

IMPERIAL MIXED—This consists of a collection of choice flowering varieties selected from the best named sorts. 5c each, 50c per doz.

COMMON MIXED—Choice, large bulbs, remarkable for their free blooming qualities and size of bloom. 25c per dozen, $1.00 per doz.

CHOICE NAMED VARIETIES—10c each, except where noted. The entire collection for $1.25.

SHAKESPEARE—White with large rosy blotch. 25c each.
ADDISON—Dark amaranth, striped white. 10c each, $1.00 per doz.
GEN SHERMAN—Large fine scarlet. 5c each.
LORD BYRON—Brilliant scarlet, bluish white, 5c.
MR. BAINS—Clear light red. 5c.
OCTOBER—Beautiful salmon pink. 15c each.
PROSERPINE—Rosy white. 15c each.

REINE VICTORIA—Pure white, carmine violet blotch. 5c each.

SNOW WHITE—Large, white, blossoms white, 5c each.

THE QUEEN—White, tinged with blush and carmine. 25c each.

VAN SPANDONK—Fiery red. 25c each.
ZAMPA—Tender rose, mottled carmine. 25c each.

MALABAR VINE.
A very interesting climbing or trailing plant. The leaves are light cream white and turned gray and green. It grows rapidly and forms a very pretty plant in a short time. The flowers are a very delicate shade of pink. 25c each.
LOBELIA.
Handsome little plants, suitable for boxes, vases, or for bordering beds on the lawn. The color is a very rich blue. 10c each, 3c per doz., $4.00 per 100 by express.

MAGNOLIA ODORATA.
Golden Honey Bell.
One of the most beautiful free flowering house plants that can be grown in the house. To bloom very early in the spring, and the bright, showy, yellow, bell-shaped flowers are borne in clusters, and make a wonderful production for a number of months. The fragrance of the flowers is very delicate, and the well grown plant will fill a room with its delightful perfume. 2c each.

POMEGRANATE.

PANSIES.
We can ship choice plants in bud and bloom at any time, 10c each, 5c per doz., postpaid; $1.00 per 100 by express.

PASSIFLORA.
This is the prettiest and most easily cultivated of all the rapid growing climbing vines. 15c each.

CHARMANT ERICA.
A most charming little plant, giving a continuous supply of large, single, delicate pink flowers. 6c each.

OLEANDERS.
The set of 3 for 75c.
RINE ALBERT—Mammoth white flowers, perfectly double. 30c each.
ROSEARIE—Lovely double pink blossoms. 10c each.
OLDEN WEST—Doubles of a golden shade. 30c each.

PALMS.
We list here a few of the best known varieties of the popular sorts in larger size plants, and will be pleased to mail our special palm price list to anyone making application to all who desire larger plants.

KENTIA BELMOREANA—After many years experience in growing and selling palms we can offer this the best variety for amateur cultivation in the house. As will be seen by the illustration, it is a very strong, erect grower, throwing out from 7 to 9 graceful, arching leaves, of a deep green color. It is a rapid grower, withstands the changeable temperatures of the living room better than most varieties, and is easily cared for. 40c each. Large plants by express, $1.00 to $10.00 each.

OTHER GOOD VARIETIES.
ARECA LUTIFLORAE—10c each. Larger plants by express, 75c to $5.00 each.
COCOS—Valuable for centres of fern dishes. 30c each by mail; 75c to $1.00 each by express.
LATANIA—Fan Palm—25c each, postpaid; $1.00 to $10.00 each by express.
ORZEOXIA REGIA—(Royal Palm)—30c each, postpaid.
PIOBEY RECLINATA—30c each.
SEAFORTHIA—25c each.
UMBRELLA PALM—Very hardy. It thrives in almost any soil. Location is not a drawback and is adapted to a number of places where other palms are not suited. Nice growing plants, 15c each postpaid; larger plants, 25c, 50c and 75c each, by express.

PETUNIAS.

BLOOMING BELL.
Our plants are some of the most choice and showy sorts available. They are generally produced by hand, and we do not ship any plant that has not been produced under our vigilant care. The result is a hardy plant, and never fails to produce a beautiful display of flowers in the smallest space. The plants we offer are much better than the usual kinds offered for sale, and have been selected from the very finest sorts available. We do not ship any plant that will not remain in perfect condition during the course of the season. The plants we offer for sale are all of the best sorts produced, and are produced under our careful supervision. We do not ship any plant that will not remain in perfect condition during the course of the season. The plants we offer for sale are all of the best sorts produced, and are produced under our careful supervision.

MRS. SANDIFORD—A splendid semi-double white flower, some flowers showing a small rich maroon spot in upper petals, heavily fringed. 30c each.

POMEGRANATE.
SERISSA.
It has bright, glossy green foliage and produces a profusion of lovely double white blossoms. 15c each.

SOLANUMS.
JASMINODIES GRANDIFLORUM—A beautiful plant with star shaped flowers borne in clusters of pure white, with a violet tinge on back of petals. 15c each.
CAPSCAISTRUM—Jerusalem Cherry. A dwarf branching plant which produces an abundance of small scarlet berries during the fall and winter. Very hardy and decorative. 15c each.

SUTHERLAND.
One of the brightest and showiest plants in our entire collection. It is of dwarf, compact habit, with bright green foliage, delicately cut. The flowers, which are borne in great profusion, are the shape of a sweet pea, borne on long stems, color brilliant scarlet. 15c each.

SWAINSONIA ALBA
A most desirable, ever blooming plant with graceful, fern-like foliage. The flowers, which resemble a miniature sweet pea, are produced in clusters throughout the year. Color, pure white. 15c each.

SWAINSONIA ELEGANS
The flowers are of the most beautiful shade of rose, and as freely produced as the above variety. 15c each.

THUNBERGIA FRAGRANS
A magnificent, variety of slender, graceful climbing habit, with deep green waxy leaves, of a very distinct appearance. Its flowers are as large as silver dollars, of pure waxy whiteness, with a delicate lemon yellow spot in the centre or throat. 20c each.

VIOLETS
MARIE LOUISE—A very fragrant double blue variety. 15c each.
PRINCE OF WALES—A single flowering sort with large blue blossoms. 15c each.

SILKAX
A beautiful climber of rapid growth and easy culture. 15c each.

VERBENAS.
Grown from cuttings from the plant flowering varieties. 100 each $1.00 per doz.

VINCAS.
Trailing vines for window boxes, vases and baskets. The leaves are of a thick, leather-like stature, which stand a great amount of rough usage without injury. Green and variegated leaves. 20c each.

BEDDING PLANTS.
Many of our customers desire large plants in bloom for immediate effect in May and June. We can supply nearly all varieties in our list in large plants, and will cheerfully quote prices on application. For those who do not have the time to write we quote temporary well established sorts for outside planting. All blooming varieties will be out or make us when we ship, and will be set by ourselves at the purchaser's expense. It must be distinctly understood, however, that we will ship our selection of varieties, though we will conform to customer's wishes as far as possible in making the selection.

Prices quoted are for plants to go by express purchasers' expense. Our selection of varieties at dozen rates, 50 at 100 rates.
AGERATUM—Blue. Per doz. $1.00, per 100 $6.00.
ALYSSUM—White. Per doz. 75c, per 100 $4.50.
ALTERNANTHERAS—Red and yellow. Per doz. $1.50.
ASTERS—Strong transplants. Per doz. 50c per 100 $4.00.
AUGUSTA BLOOMINGS—Per doz. 25c. Per 100 $2.00.
ACALYPHA TRINIDENSE—Per doz. $1.50, per 100 $12.00.
ACALYPHA EGMENTUM—Per doz. $2.00, per 100 $15.00.
COLEUS—Per doz. 75c, per 100 $5.00.
CINERARIA—Per doz. Dusty Miller. Per doz. 75c, per 100 $5.00.
CANNAS—Our selection, 2-1/2 inches high. Per doz. 50c, per 100 $5.00.
CARNATIONS—Per doz. $1.00, per 100 $6.00.
GAFFELUMS—Our selection from 2-1/4 inches up. Per doz. $1.50, per 100 $15.00, from 3 inches up. Per doz. $2.00, per 100 $20.00.
GRANDIFLORA—Per doz. $1.00, per 100 $6.00.
LANTANAS—Per doz. $1.00, per 100 $6.00.
PETUNIAS—SINGLE—Per doz. $1.00, per 100 $6.00.
PETUNIAS—DOUBLE—Per doz. $1.50, per 100 $9.00.
VERBENAS—Per doz. 75c, per 100 $5.00.
VINCA VINES—Green or variegated. Per $1.00.
LOBELIAS—Per doz. 50c, per 100 $5.00.
PANSIES—Per doz. 45c, per 100 $3.00.
ROSES—From 1 inch pots. Per doz. $2.50, per 100 $20.00.
ROSES—From 2 inch pots. Per doz. $1.00, per 100 $6.00.

Caliastoga, Napa Co., C.
June 11th, 1903.

L. L. May & Co.,
St. Paul, Minn.,
Gentlemen:

The Swanson Seeds I sent you for last year came to hand a few days ago, with two packages of flower seeds, gratis. Accept my thanks for the same. The Swanson Seeds Plant I sent you at the same time arrived in very perfect condition and have been buying flowering plants of Eastern seedsmen for a great many years, but never received one with such beauty of design as the one you sent me. Then there was the absence of any defect of mould, and the plant was a beauty of form and color. It was a pleasure to see. It does not grow and it will not be sold by the fault, surely.

Send me your seed catalogue for 1904 as soon as issued.

Yours truly,

Ira W. Adams.
Swanson Seeds.
TENDER ROSES.

For many years (ever since we began business) we have made the growing of roses a specialty; studying their habits and characteristics, testing all the new varieties as they appeared from year to year, and importing the latest novelties from the best European growers. Many sorts, after thorough trial, have been discarded as worthless; others have been retained and improved upon; still others have worn out and deteriorated until they were uselessly useless. By this constant “weeding out process” we have kept our list up to date and enabled us to supply the customers the very best that money, time and experience can produce. While our list may not be as large as many, we know it contains only the varieties, those which can be recommended to our customers as being of easy culture, old growth and prolific bloomers.

Allroses listed on pages 71 and 72 are young greenhouse plants and will be shipped in a growing condition. They are tender and will not live outside during the winter in the North, though many of them are semi-hardy in the Middle States.

**IMPORTANT—Owing to our knowledge of varieties we can in many cases make better selections than our customers themselves. Where the selection is left to us we will send varieties we consider the best for the locality where they are to be planted.**

**EVERBLOOMING TEA ROSES.**

*These are especially nice for planting in*.

d on the lawn, producing an abundance of blooms the entire season. They are also usually good for pot plants for winter culture inside. Each, $1.00 per dozen, except where noted.

**AUTY INCONSTANT—This is one of the most remarkable plants ever introduced in the floral world. A single plant produces a vast variety of colors, ranging from crimson to light pink through the various shades of red, orange, yellow, rose, pale pink and white. It makes the appearance of a number of varieties blooming at the same time.

**ARIE EDDYLOT—**This grand rose possesses many good qualities that we accord it the first place among the roses we seed. The color is pure snow white, sometimes faintly tinged pale yellow. The flowers are of magnificent form, extra large, full and double, and deliciously perfumed.

**BRIDE—**Large, creamy white, changing to pure white.

**BRIDESMAID—**Large, full, fragrant blossoms of a pure bright pink.

**COQUETTE DES LYONS—**Clear canary yellow.

**DR. RAYMONT—**Very fine, dark double red.

**DUCHESS DE BRABANT—**Rosy pink edged silver.

**ETOILE DE LYON—**A rich golden yellow.

**ETOILE D’OR—**Pale yellow, with lemon red center.

**ETHEL BROWNLOW—**Small fragrant blooms of a light pink color.

**HERMUSA—**Clear bright pink, of medium size.

**LADY DOROTHEA—**Apricot, shaded pink.

**MARIAN DINGEE—**Deep crimson.

**MAD COCHE—**Creamy rose with crimson centre.

**MAD WATTEVILLE—**Creme yellow, richly colored with rosy blush, and bordered with bright crimson.

**MAD CUSIN—**Bright purplish crimson, base of inside petals sometimes streaked with white.

**MAD COCHET—**Creamy rose with crimson centre.

**MAD WATTEVILLE—**Creamy yellow, richly colored with rosy blush, and bordered with bright crimson.

**MAD CUSIN—**Bright purplish crimson, base of inside petals sometimes streaked with white.

**PAPA GONTIER—**Dark crimson red, with long pointed buds.

**PRINCESS BONNIE—**Deep vivid crimson.

**RAINBOW—**Beautifully striped pink and crimson with amber colored centre.

**SOUV. DE CLAIREUX—**Bright purplish rose.
HYBRID TEA ROSES.

A valuable class of half-hardy roses, combining the flowering qualities of the Teas with the rich colored flowers of the Hybrid Perpetuals, 10c each, $1.00 per dozen, unless otherwise noted.

BELLE SIEBRIGHT—This grand variety, introduced a few years since, is one of the best we have ever grown for summer blooming. The flowers are of large, full form, of a rich, deep pink color. It is a wonderfully free bloomer, and quite hardy in some Northern localities. We believe it possesses unusual merit as a variety for amateur cultivation, and heartily recommend it to our customers who wish a variety combining so many good qualities.

CHRISTINE DE NOUE—A constant and very free bloomer. Blossoms large and handsome; buds long and finely pointed; color clear, rich maroon, or deep purple red. Very fragrant.

DUCHESS OF AUSTRIA—Rich, deep pink. An improvement on the well known LaFrance.

KAISERIN AUGUSTA VICTORIA—Long, pointed buds; blossoms large, full, double and fragrant. Color, delicate, creamy white. It is hardy in many sections of the North, standing in the open ground with slight protection without injury.

LAFRANCE—Large, well-expanded blooms of a light pink color. Very fragrant.

STRIPE LAFRANCE—Identical with the above except in color, which is bright, satiny pink, distinctly striped with bright rose.

MICHELANGELO—One of the brightest brilliant roses ever introduced. Succeeds admirably when planted on the lawn for summer blooming, and is equally good for use in the flower in the house. The color is a rich, velvety crimson.

JRS. DE GRAUW—Bright, rich pink. A free and continuous bloomer.

PRES. CARNOT—Long, pointed buds; blossoms of a delicate, rosy blush, shaded a trifle deeper in the center. Delicious fragrance, strong grower and free bloomer. One of the most meritorious of recent introductions and bound to become very popular.

QUEEN OF SCARLETS—Rich velvety scarlet, very brilliant and striking. A constant and profuse bloomer. We consider this the best scarlet bedding rose we have ever offered.

WHITE LAFRANCE—Pure white, very large, full and finely formed. A free and continuous bloomer. Very fragrant.

BEAUTY OF ST. PAUL—This grand variety introduced by us two years ago has proven more valuable than we at first supposed. It is equally adapted to growing in the open ground, or as a pot plant in the house. It is a strong, vigorous grower and a most profuse bloomer. It is not hardy in the North, though with slight protection it will live through the winter south of the Ohio river. The color is a deep glowing pink, a trifle darker than the Bridesmaid. The buds are pointed like that variety, though the petals are longer. When fully expanded the blossoms are similar to the LaFrance. We have an immense stock of choice plants of this variety and would advise all our friends to place their orders early, as it becomes exhausted.

POLYANTHA ROSES.

Beautiful, free-flowering, miniature roses, admirably adapted to pot culture and for planting in the open ground. The flowers are quite small and borne in clusters, each cluster making a bouquet in itself. They have been known to stand our severe Northern winters with slight protection of each, 10c, per dozen.

Cecil Brunner—Rose pink on rich, creamy white ground. A very profuse bloomer. Flowers larger than most others of its class.

LITTLE WHITE PET—Pure, creamy white, sometimes delicately tinged with salmon rose. Flowers very full and double.

CLIMBING WHITE PET—Identical with the above, excepting its habit of growth, it being a strong, vigorous climber.


CLOTHILDE SOUPERT—This is one of the grandest roses ever introduced, either for pot culture or bedding. It is a strong, dwarf grower, and the most wonderful bloomer ever known, being continuous in flower the entire year. The blossoms are large, round, flat, perfectly full and double, and deliciously fragrant. The color is pure white, shading to silvery rose in the center.

PINK SOUPERT—A worthy companion to the White and Yellow Soupert. As fine blooming as the White Soupert, but of a deep, rich pink color.

YELLOW SOUPERT—(Mosella.) Combines the form and size of the Ten Roses with the free-flowering, branching habit of the Polyanthas. It is quite hardy and may be left in open ground with slight protection during the winter. Blooms very freely the entire season. Copper-light yellow, shading to white at edge of petals.

The Three Soupert for 25c, postpaid. The entire set of Seven Polyanthas for 50c postpaid.

GLORIOUS ROSE COLLECTION FOR GARDEN CULTURE.

1 Belle Siebright.
1 Kaiserin.
1 Dr. Raymont.
1 Etoile D'Or.
1 Lady Dorothy.
1 Marion Dinge.
1 Beauty Inconstant.
1 Mrs. Pierron.
1 Rainbow.
1 Morgan.
1 Pres. Carnot.
1 Kaiserin Augusta.
1 Etoile de Lyon.
1 Victoria.
1 Clothilde Soupert.

A baker's dozen—13 grand roses for $1.00 postpaid, or 25 cents each by express. No better collection has ever been offered.

GARDEN GEM COLLECTION.

The finest in the land for amateur cultivation. These are young growing plants, for immediate effect on the lawn. They should be planted about May 15th to June 1st, in this latitude, after the ground becomes warm and settled.

1 Golden Gate.
1 Marie Guillot.
1 Meteor.
1 Tidewater.
1 Beauty of St. Paul.
1 Clothilde Soupert.

Six grand bloomers for 50c postpaid.
Five collections for $2.00 by express.
Lord Penzance Sweet Briar Roses.

(See Cut) These are hybrids between the Sweet Briar and various old-fashioned garden roses. The foliage is sweet scented like the common Sweet Briar. The blossoms are borne in wonderful profusion. The plants are of very vigorous growth and perfectly hardy. The flowers are following perfectly, rendering the plants very attractive all times. Their beauty is best displayed by being planted singly on the lawn. Each plant should have a stake 4 to 6 feet high to which 3 or 5 of the principal shoots should be tied to prevent the plant from being blown over, but the branches look best if allowed to hang naturally. They should be pruned, like other roses, as they will produce but few or no blossoms if they are. Amy Robsart, rose. Anne of Gienstein, crimson. Brenda, blush white. Lord Penzance, fawn. Rose Braddockine, pink. Strong 2-year-old plants only at 35c each, postpaid, or $1.00 per dozen, by express.

GROWN BY THE FAMOUS COLD SYSTEM.

Choice Hardy Climbing Roses.

BALTIMORE BELLE—Pale blush, nearly white, very double. Blossoms in large clusters. Strong 2-year-old plants 35 cents.

EUROPE OF CHINA—The nearest approach to a perpetual blooming climber yet introduced. The blooms are of great size, perfectly double, of a soft red color changing to light pink. 2-year-old plants 40 cents.

PINK RAMBLER—Euphrosyne) The color of the flowers is pure shiny rose. In hardness, freedom of bloom, form and size of flower, and vigorous climbing habit, this variety is fully the equal of Crimson Rambler. 2-year-old plants 45 cents.

QUEEN OF PRAIRIE—Bright, rosy red, large, compact, globular flowers, produced in clusters. 2-year-old plants 35 cents.

SEVEN SISTERS—A splendid rose blooming in clusters; crimson, changing all shades to white. 2-year-old plants 50 cents.

HELENE—A chance seedling of the Crimson Rambler, which it resembles in growth and habit. The blossoms are larger and more double than the crimson Rambler and are borne in magnificent clusters. The color is a soft carmine rose. 50 cents each.

Strong, well rooted, young plants of any of the Climbers listed on this page, except Dorothy Perkins and Helene, for 10c each. Three Grand Rambler, Yellow, White and Crimson for 25c postpaid.

CRIMSON RAMBLER—This is certainly the most wonderful climbing rose ever introduced and each year's experience with it only strengthens our confidence in it. It is absolutely hardy in all localities, a most vigorous grower, a most prolific bloomer, fine for growing on trellises, unequalled for covering porches, walls, etc., admirable for pot culture for Easter forcing, at all times when in bloom, producing a gorgeous mass of crimson blossoms which remain on the plants long time. The plant often grows from 12 to 15 feet in a single season, commences to blossom in June, continuing throughout the season. The flowers are deep crimson, borne in immense clusters which remain on the plant a long time. Strong 2-year-old plants 35c each, postpaid, or $1.00 per dozen by express.

YELLOW RAMBLER—This is a beautiful bush for so beautiful and valuable a rose as the Crimson Rambler. It is perfectly hardy, more vigorous in growth, if possible, than the Crimson, produces blossoms and shoots all season long in any and all localities. The flowers are pure yellow, double, of good size, fragrant and borne in immense clusters like the Crimson, and last a long time without fading. Strong 2-year-old plants 35c each, postpaid, or $1.00 per dozen by express.

WHITE RAMBLER—the plant is strong and vigorous, perfectly hardy, a most prolific bloomer. The blossoms are very double, pure white, borne in clusters and remain on the plant a long time. It closely resembles Crimson Rambler in every particular save color. Strong 2-year-old plants 35c each, postpaid, or $1.00 per dozen by express.

THE THREE RAMBLERS above described form a worthy trio fit to adorn the palace of a king or to beautify the humble cottage of the poor. Nothing can surpass them in beauty, the three colors contrasting beautifully and forming a perfect bower of loveliness. Three strong 2-year-old plants, 1 each, for $1.00, postpaid.

DOROTHY PERKINS—(See Cut) This grand new rambler variety bids fair to rival the well known Crimson Rambler when it becomes generally disseminated. It is said to be hardy as the Crimson, blooms as freely and surpasses the former in size, form and beauty of bloom. The blossoms, which are borne in immense clusters of from 20 to 30 are about 1⅞ inches in diameter, perfectly double, the petals prettily rolled back and crinkled, of shell pink color, which holds a long time without fading. As a florist's plant, it is, for Easter it is bound to become most popular. Strong 2-year-old plants. 10c each.

DOROTHY PERKINS.
**MINNESOTA COLLECTION OF HARDY ROSES.**

Six plants (Strong young growing stock,) for 50c postpaid. Six, strong, field grown, dormant plants for $1.50 by express at purchasers expense.

We have offered this collection of roses several years and the plants have given such general satisfaction that we feel there is no better collection to be found in our entire list. They are hardy and reliable everywhere, yielding rich harvests of bloom at a small expense and are bound to please. This collection contains a wide range of colors and the varieties are of rapid, vigorous growth and very free blooming qualities. If you want a nice bed of roses all summer long that will increase in size and beauty from year to year, buy the Minnesota collection.

**No. 1. MAGNA CHARTA—**Rosy red, flamed violet crimson. Very large, grand. A free bloomer.

**No. 2. MARSHALL P. WILDER—**A very hardy, vigorous, free flowering variety, a seedling of Gen. Jacqueminot. Color, bright scarlet-crimson, richly shaded with maroon. Very fragrant.

**No. 3. PRINCE CAMILLU DE ROHAN—**Dark velvety crimson, the darkest in cultivation. Full and double.

**REDOSA ROSES.**

These are very valuable for planting in masses, producing bold and spectacular effects. The foliage is very attractive, dark glossy green, thick and leathery, shining as if varnished. The blossoms are large, single, and produced in greatest profusion from early summer until fall. These are followed by bright, attractive seed pods. The plants are very vigorous and are not troubled with insects.

**RUBRA—**Deep rose, borne in large clusters.

**ALBA—**Pure snowy white, in large clusters.

Strong 2 year old plants, 40c each postpaid; $3.50 per dozen by express.

**HYBRID PERPETUALS.**

To this class belong the hardy outdoor everblooming varieties. While nearly or all of them are hardy throughout the North without protection, still we earnestly advise our patrons to give them a slight protection whenever any leaves during the winter. The increased vigor of growth and consequent increased bloom will repay the labor dearly spent on them. Do not cover the plants too soon; a slight freezing will not hurt them, but help to stiffen the wood. The best material we know of for covering is autumn leaves, but where these cannot be readily obtained, hay, straw, or mantled streets, are much used. The cover will afford ample protection. Cover sufficiently to prevent the roots from freezing, but not to exclude all air and light. Do not uncover too early in the spring, but wait until all danger of freezing is past and the weather becomes settled. As soon as uncovered, prune the plants, cutting off all dead and discolored branches.

Strong two year old plants, 40c each postpaid, or $1.00 per dozen by express at purchasers expense.

**ALFRED COLOMB—**Brilliant crimson, very large, full, and of one globular form, extremely fragrant and in every respect a superb rose. One of the best in cultivation.

**AMERICAN BEAUTY—**Large, rich rose crimson, very hardy.

**ANNA DE DEISBAICH—**Brilliant rose color, with long pointed buds. Blooms extra large, very hardy.

**BARON MAYNARD—**White, slightly tinged blush.

**BARON DE BONSTETTIN—**Rich velvety maroon, large, full.

**BLACK PRINCE—**Very dark red, the darkest in and rich, large, full and beautifully formed.

**CLIMBING JULES TARGOTTIN—**Carmine rose, lightened with pink, full flowers of medium size, very pretty in bud.

**CLIMBING VICTOR VERDIER—**Brilliant rose carmine edged with purple, very large, full and fragrant.

**CHAS. LEEFEBVRE—**Reddish crimson, very velvety in texture.

**CLORE—**The flowers are beautiful at all stages developed. The bloom is large, very free and fragrant.

**COQUETTE DES ALPS—**Large, full flowers pure white, slightly tinged with pink, rose—white, and shading of rosy pink at the center.

**EARL OF DUFFERIN—**Very large crimson, full, moderately full and of fine form.

**FISHER HOLLIES—**Deep glowing crimson, large, red, and fragrant; color an exquisite shade of a beautiful and worthy of more general cultivation.

**GEN. JACQUEMINOT—**A very rich crimson, changing to scarlet crimson. The best known, most popular of all Hybrid Perpetuals.

**GEN. WASHINGTON—**Brilliant red, with crimson blush and a free bloom.

**JOHN HOPPER—**Rose with crimson edge and a free bloom.

**JOSEPHINE—**Rose with crimson edge and a free bloom.

**LOUIS ODIER—**Bright crimson rose, large, full flow.

**MAD GEORGE PLANTIER—**Tangle and fragrant; color an exquisite shade of a beautiful and worthy of more general cultivation.

**MAD. CHAS. WOOD—**One of the most beautiful all roses. Color bright, large scarlets, passion, fine rose crimson, shaded maroon.

**MAD. GEORGE PLANTIER—**Tangle and fragrant; color an exquisite shade of a beautiful and very large, highly scented, of a deep velvety carmine color. The buds are long and pointed, and are full bloomer we know of.

**ULRICH BRUNNER—**Brilliant cherry red. A very effective variety.

**VICTOR VERDIER—**Bright rose with carmine ce
Almost as hardy as an oak. Will thrive in the eastern parts of the United States. Blooms freely throughout the summer. This is the famous rose we designate as "Unknown Beauty" and which our patrons are named from votes, thousands and thousands of votes were sent in. Gen. Grant was the favorite. It is truly an everlasting hardy rose and can be grown by any one. The flowers are of an enormous size, cupped, full and deep, the petals thick, heavy, and out of a peculiarly rich, velvety red color. It is a magnificent rose, either in bud or as an open flower. A deep color makes it especially desirable for cutting. It is one of the very few varieties which will succeed in all parts of the United States, and will bloom in the East as well as in the West. While its hardiness and luscious beauty enable it to withstand both the rigors of our northern states and the sun of the south, it is a rose we never see out. It could surpass it in hardiness, habit of growth, and beauty of coloring.

**MOSS ROSES.**

The beauty of this class of roses is beyond description. Many rose sellers do not advertise the fact, but they are offered under the name of "Moss Roses". They are usually in bloom a few weeks earlier than other kinds, and make a beautiful show. They can be grown in pots, and are very hardy. The flowers are usually large, and the stalks are green. They are excellent for making cut flowers.

**MOSS ROSE COLLECTION.**

- **ASHBOURNE PRIZE—Velvety red.**
- **BLANCHE MOREAU—Pure white.**
- **CRESTED MOSS—Bright rose.**
- **CRIMSON GLOBE—Deep crimson.**
- **BURY OF HORSES—Carmine.**
- **COUNTESS MURINAIS—Black white.**

These will make a beautiful show on the lawn. Strong 2-year old plants for $2.25 postpaid, or $2.00 by express.

**ARTIC COLLECTION OF HARDY ROSES.**

These we offer in 2-year old plants only. They are perfectly hardy everywhere, contain a choice assortment of colors and will give an abundance of bloom throughout the season. Remember, they are strong, dormant 2-year old plants.

- **AMERICAN BEAUTY—Large red.**
- **ANNA DE DESCHU—Dark rose color.**
- **CLOU—Light blush and pink.**
- **GEN. JACQUEMINOT—Crimson.**
- **MABEL MORRISON—White.**
- **PIERRE NOTTING—Velvety crimson.**
- **ULRICH BRUNER—Cherry red.**
- **VICTOR VERDIE—Bright rose.**
- **MAD. PLANTIER—Double pure white.**
- **DARKNESS ROTHCHILD—Light pink.**
- **TREE ROSE.**

**TREE ROSE.**

In comparing our prices with others please bear in mind that the stock we offer is well rooted, strong and healthy, grown by our cool system, which insures toughness of fibre, an abundance of roots and ability to withstand shipping better than if forced quickly into growth in warm houses. Our stock costs more to grow and is worth more.

**MANHATTAN, N. Y., April 18th, 1909.**

L. L. May & Co.
St. Paul, Minn.

Gents—I received the plants last week—also 7 Dahlia Bulbs, all as fresh and plump as if they had just been dug. You certainly deserve great credit for the way you ship plants. I am well pleased with them. Express is the true way to ship them. A little extra dirt on roots of plants is a good thing, and as far as extra charges on express goes, that cuts no figure. Thanks.

Yours truly,
M. D. LEDBATER.
OUR NURSERY DEPARTMENT.

Our nurseries, situated 15 miles east of St. Paul, are the most northern in America, and admirably located in a pleasant, fertile valley, ideal spot for growing nursery stock. The soil is a rich, deep, dry, black loam, which, by careful and systematic cultivation, has been brought to the highest state of fertility and productiveness.

The old-time theory, that fruit cannot be grown in the Northwest, has been thoroughly exploded, and each year more and more is being produced in this section. The varieties we grow are hardy here, and being thoroughly acclimated are much more suitable for this section than trees grown further south. Our soil and climate are especially suited to growing hardy fruits, shrubs, etc., giving them that toughness of fibre and vitality of root which enables them to withstand with equal vigor the blazing sun of the South, the dry, scorching winds of the prairie and the severe freezing of the North.

Our packing sheds are the most complete in the country, and with the cellars adjoining, afford ample storage capacity for millions of fruit and plants. This enables us to pack and ship early to accommodate our Southern trade. The packing season usually begins in February and continues till the end of May. Having ten trunk line railroads centering here, our shipping facilities are exceptionally good and close cooperation can be had with through lines to every part of the country.

MINNESOTA AGRICULTURAL EXPERIMENT STATION.
OFFICE OF STATE ENTOMOLOGIST.

CERTIFICATE OF INSPECTION.

This is to certify that the stock at the nursery and premises of L. L. May & Co., St. Paul, Minnesota, has been carefully examined and found to comply with the law, and that it is apparently free from dangerously injurious insects and contagious diseases.

This certificate is good until Sept. 19, 1894, unless revoked.

P. L. WASHBURN,
State Entomologist.

MINNESOTA PERFECTION APPLES. SEE OPPOSITE PAGE.

WEALTHY.
DUCHESS.
MCMON'S WHITE.
N. W. GREENING.
PEERLESS.

IMPORTANT.—Unless otherwise noted all goods in this department will be shipped by express or freight.

IN FILLING ORDERS, from this list we reserve the right to substitute varieties considered by us of equal merit, provided the same are sold out of country. In such cases we label the variety substituted with its true name. If customer wishes no substitution made and ships ordered as far as possible and return the money for the portion we cannot fill.

ALL STOCK WILL BE PACKED in the most approved manner, so as to reach our customers in the best possible condition. All heavy packs should be sent by freight to avoid excessive charges. Express rates are very reasonable on this class of goods, being 20 per cent less than regular merchandise, pound rates to apply.

OUR GUARANTEE.—We guarantee all stock to be up to size and grade specified in list and to be in a healthy, living condition when leaves our hands. This guarantee holds good only when we are notified promptly on arrival of goods, stating any errors or cause for complaint. We also guarantee stock to be true to name, with the understanding, that in case it does not prove so, we will replace such at free of charge.

AT PRICES QUOTED.—We make no charge for boxing, packing and delivering at express or freight offices. 6 at dozen rates, 50 at rates. Write for prices on larger quantities.

PREPARATIONS FOR PLANTING.—Plow and subsoil repeatedly, so as to pulverize thoroughly to a depth of 12 to 18 inches. When plowing on the lawn or grass plots, remove the sod for a diameter of four or five feet, and keep this space well worked and free from weeds. Dig hole deeper and larger than is necessary to admit all the roots in their natural position, keeping the surface and subsoil separate. Cut broken and bruised roots, and shorten the tops to half a dozen good buds, except for fall planting, when it is better to defer top-pruning the following spring.

PLANTING.—Fill up the hole with surface soil, so that the tree will stand about as it did in the nursery after the earth is settled. Work soil thoroughly among the roots, and when well covered, tamp firmly. Set the tree firm as a post, but leave the surface filling (or poorer light or loose). No staking will be required except for very tall trees.

MULCHING.—After trees or bushes are planted it is a great advantage, in spring or fall, to mulch with a layer of litter or coarse manure or 5 inches deep, extending 2 to 3 feet out from the trunks around and sufficient to cover all the roots beneath. This prevents the ground from cracking or baking, and keeps the earth moist and of an even temperature.

AFTER CULTURE.—No grass or weeds of any description should be allowed to grow around young trees or plants. To get the best results the ground should be kept clean and loose around them, at least until they begin to bear. Where the ground is poor, surface applications of manure are needed. Pruning should be done regularly every spring before the buds swell; in this way removal of large branches is avoided.
MINNESOTA PERFECTION APPLES.  

**PRICES:** MAILING SIZE—25c each, or the collection of 6 for $1.25 postpaid.  SECOND CLASS—4 to 5 feet, 25c each, or the collection of 6 or $1.25 by express.  EXTRA HEAVY—5 to 7 feet, 35c each, or the set of 5 for $1.50 by express.

Quintet of Minnesota Grown Iron-clad Varieties.  Hardy Everywhere, Always Productive, Entirely Reliable, Producing Delicious Fruit at all Times and in all Sections.

1. **PRICES:**
   - MAILING SIZE—25c each, or the set of 5 for $1.00 postpaid.
   - SECOND CLASS—4 to 5 feet, 25c each, or the set of 5 for $1.00 by express.
   - EXTRA HEAVY—5 to 7 feet, 35c each, or the set of 5 for $1.50 by express.

2. **GIDEON.**
   - A winter ripening variety, which originated in Rice County, Minnesota, fifteen years ago, and has grown into great favor with all growers who have tested it.  The fruit is large, round, well-colored, and is first-class for cooking or eating.  The tree is a good grower, has a very heavy dark green foliage, and comes into bearing early.  The scions from which our stock is grown are true descendents of the original Peerless Apple Tree.

3. **V. GREENING.**
   - No better variety has ever been introduced than this one, which possesses all the good qualities to be found in a perfect fruit.  The tree is a clean, straight, vigorous grower, commences to bear fruit very early and bears annually thereafter.  The fruit is of largest size, with symmetrical, light yellowish green and of rich, delicious quality, at its best in early winter.

4. **AHON'S WHITE.**
   - This most desirable variety is one of the largest apples we have ever seen.  The tree is perfectly hardy, a clean, vigorous grower, and produces large crops annually of choice marketable fruit.  The flavor is most excellent, rich, crisp and juicy, and in addition, it is a late keeper.

5. **ALTHY.**
   - This fine Minnesota variety is one of the best in existence, and one which has proven perfectly reliable everywhere after many trials.  Fruit is medium to large, dark crimson, flesh crisp, sub-acid, white tinged red and of unsurpassed quality.

6. **WOLF RIVER.**
   - This is another well-known sort which, when once grown is never discarded.  It is of medium to large size, round, streaked red and white, tender, juicy and pleasant.  A prime favorite for early fall use.

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ALASKAN APPLE COLLECTION.

**PRICES:** MAILING SIZE—25c each, or the collection of 6 for $1.25 postpaid.  SECOND CLASS—4 to 5 feet, 25c each, or the collection of 6 or $1.25 by express.  EXTRA HEAVY—5 to 7 feet, 40c each, or the collection of 6 for $2.00 by express.

No better Collection than this has ever been offered. They are well adapted to our soil and climate, are perfectly hardy everywhere and usually produce large crops of fine fruit. They are especially valuable to the planters of the North, West and Northwest, and are equally good for sections of the country. They are hardy, vigorous, blight proof and productive at all times and in all sections.

**WOLF RIVER.**
- A new and beautiful variety, which originated near Wolf River, Wisconsin.  The tree is a strong grower, perfectly hardy and early and abundant bearer.  The fruit is very large, greenish yellow, heavily shaded with crimson.  The flesh is white, tender and juicy, with pleasant, mild, sub-acid flavor.  It keeps till late winter in perfect condition.

**HIBERNAL.**
- Tree of Russian origin. Large, showy fruit, striped red and handsomely colored.  Sub-acid flavor, good for both cooking and eating.

**PATTEN'S GREENING.**
- A seedling of the Duchess, which originated in Northern Iowa.  The tree is perfectly hardy and very productive.  Fruit large size, olive green, with an occasional dull red stripe or splash.  The flavor is pleasant, sprightly, sub-acid and unsurpassed for cooking purposes.
GENERAL LIST OF IRON CLAD VARIETIES
Of Native or Russian Origin.

MALINDA—4 Natural Size. 
*ANTONOVKA—W. This is one of the true iron clads. The tree is of Russian origin and perfectly hardy, withstands our coldest winters in fine shape. The fruit is large, slightly oblong and when fully ripe of a light golden color.
BERLIN—F. This strain originated from a seedling of the Dwarf of the Duches planted in Berlin. A very early and abundant bearer. The fruit is fully as large as the Duchess, splashed more heavily with red, somewhat longer and of much finer appearance. Tree as hardy as the Duchess. We believe that this variety possesses unusual merits and are pleased to recommend it to our friends. For large growers who wish we believe this one offers unusual attractions, as its large size, handsome appearance and early ripening qualities render it especially valuable.
BOROVINKA—F. Russian. Resembles the Duchess in form, size and color, but ripens fully a month later. The flesh is finer, less acid and a much better eating variety. An early and full bearer and a true Iron clad.
*CHARLAMOFF—F. This valuable variety of Russian origin is one of the hardiest and best we have ever grown. The tree is of fine, vigorous growth, comes into bearing early, and produces fine crops of fruit. Fruit, oblong, heavily streaked with carmine. A good keeper of most excellent quality.
CROSS—W. Russian. Fruit medium to large, yellowish green, striped and splashed red.
DOUGLASS—W. A native seedling. Fruit, medium to large, well colored, of delicate flavor and good keeping qualities.
*GILBERT—F. Minnesota origin. Resembles the Duchess in color, but ripens three weeks later. Sub-acid flavor.
*GREAT DUCHESS—F. Originated in Wisconsin. Fruit of the size and color of Duchess, but slightly flatter and more pointed.
*HARRY KAUMP—F. Wisconsin origin. Fruit, medium size with a show of color on sunny side. Mildly acid and fine for dessert.
*JENNY—F. A Canada seedling. Fruit, about the size, color and flavor of the well known Northern Spy.
*KIRKBRIDGE WHITE—S. Fruit medium, oblong, yellow. Flavor mild, sub-acid.
*LINFIELD—(See Cut Page 81.) F. Wisconsin seedling. Fruit, very large, yellowish green, striped red on sunny side, resembling Longfield. Longfield—F. Fruit medium to large, yellowish green, with red stripes and a decided bloom on the Sunny side. A shrub which subdues Choice and is shipped Choice fruiting sorts in every particular. An orchard like this will yield fine crops of fruit for home use, as well as for the market, and will pay for itself inside of three years and annually thereafter. After five years $100 per acre is a modest estimate of the return from a such an orchard besides what a large family will consume. If you have a growing family, if you wish to save doctors bills, if you desire some fruit at all times, if you wish to make a permanent investment that will furnish you an income each and every year, plant our Farmers Favorite Orchard.
One orchard, $32.50; two orchards, $65.00; one-half orchard, $17.50; one-quarter orchard, $10.00.
*REPKA—MALINDA—Fruit of medium size, yellowish green, striped and splashed crimson on pale yellow background.
*REPKA—OELFKA—F. Wisconsin seedling. Fruit of medium size, with a sub-acid acid flavor, and a superior market sort.

MAILING SIZE—25c each, $2.50 per dozen postpaid. SECOND CLASS—4 to 10 feet, 25c each, $2.50 per dozen by express EXTRA HEAVY—5 to 7 ft., 50c each, $5.00 per doz., by express.

These are all perfectly hardy, vigorous and productive, and thoroughly reliable for the Northwest and all other sections of the country.

FARMER’S FAVORITE ORCHARD.
10 Trees for $32.50.
15 Summer Apples—Extra heavy, 5 to 7 feet.
15 Fall Apples—Extra heavy, 5 to 7 feet.
15 Winter Apples—Extra heavy, 5 to 7 feet.
10 Crab Apples—Extra heavy, 5 to 7 feet.
10 Sour Cherries—First class, 5 to 6 feet.
10 Sweet Cherries—First class, 5 to 6 feet.
5 Plum—First class, 6 to 7 feet.
3 Rocky Mountain Cherries—2 to 3 feet.
Brand Cherries—4 to 5 feet.

This collection is just right for a two acre tract. The varieties will be selected from our Iron clad lists, perfectly hardy and well adapted to the section whereby you reside. Choice fruiting sorts in every particular. An orchard like this will yield fine crops of fruit for home use, as well as for the market, and will pay for itself inside of three years and annually thereafter. After five years $100 per acre is a modest estimate of the return from a such an orchard besides what a large family will consume. If you have a growing family, if you wish to save doctors bills, if you desire some fruit at all times, if you wish to make a permanent investment that will furnish you an income each and every year, plant our Farmers Favorite Orchard.
One orchard, $32.50; two orchards, $65.00; one-half orchard, $17.50; one-quarter orchard, $10.00.

BISMARCK—This most valuable variety was introduced a few years since from New Zealand and promises to take a most prominent place with the fruit growers of America. It has been the object of much study in Russia, Germany, England, Canada, the United States and Canada, and wherever grown has proven to be the most valuable acquisition to the list of choice, selected varieties. It is valuable alike for its hardiness and early fruiting, as well as for the high quality of its fruit. The tree bears when only one or two years old and fruits regularly every year thereafter. It has been grown very largely as a pot plant for table decoration and is most unique and beautiful with its rich golden yellow fruit and dark green foliage.

MALINDA—W. This is an exceedingly hardy variety, one of the very best for the Northwest as well as for all other sections of the country. The tree is strong, symmetrical growths and one of the prettiest in our nursery. Fruit of medium size, lenu yellow with crimson blush, fine grained, sweet and solid.

Mailing Size—$2.50 per doz., postpaid.
Second Size—3 to 5 ft., 25c each, $2.50 per doz., by express.
Extra Heavy—5 to 7 ft., 50c each, $5.00 per doz., by express.

BISMARCK—3 YEARS OLD.
CRAB APPLES.

MAILING SIZE, 25c each, $2.20 per dozen, postpaid. SECOND SIZE, 4 to 5 ft., 25c each, $2.50 per dozen by express.

These are valuable on account of their extreme hardiness, their early fruiting, their great productiveness and their fine acid fruit which is usually used for jelly, preserves, marmalades, etc. Many of them begin bearing the second year after planting and bear large crops each year after that. 

BLY STRAWBERRY.—Tie a vigorous, upright, symmetrical tree and very hardy. Fruit, size of Transcendent, striped red, and yellow. Fine for jelly and for preserving. 

M. GRANT.—Fruit of large size, bright red, acid, making the best jelly. Flesh white, fine grained, mild sub acid. Ripes in August.

SLOP.—Large deep crimson. One of the most beautiful in the list. Flesh yellowish, excellent for cider and fine for market. 

REGENO.—Of large size, bright red on yellow ground. Flesh crisp; flavor; fine for jellies.

TRANSCEDENT.—Extremely productive, bearing after one year, and producing good crops the fourth season. Suits one and half to two inches in diameter, being large enough to suit the grower and for preserving and drying. Excellent for pies and preserves, both oven and cold. The best of its class for extra heavy. Skin yellow, inspissated with red. 

WHINEY.—Extra large; skin smooth, shiny green, striped and splashed with red. Flesh firm, juicy and rich. 

ORENCE.—This and Minnesota variety is a most desirable addition to the list. Fruit medium to large, light yellow, heavily marked and splashed with bright red. A jelly, as a dessert fruit, for marmalade jams, it is extra. Large, while its large size, and superb appearance always commands the highest market price.

These Six choice sorts for $1.25 postpaid.

VAN WYCK.—Fruit, very large, yellowish white, sweet and tender. One of the finest dessert fruits imaginable, and most excellent for preserves. Tree a vigorous grower, and perfectly hardy.

ARTIC.—This splendid variety is so perfectly hardy, such a vigorous grower, and so immensely productive that every planter should include it in his collection. Fruit medium to large size, acid, crisp and juicy.

MARTHA.—This superb sort is a seedling from the bushy tree of Oldenburg, introduced several years since by Peter Olden, of Excelsior, this state. The tree is a firm, stiff grower, of pyramidal form, and most hardy. A great bearer of the most beautiful fruits we have ever seen. Crisp and acid.

THE CAPITAL CRAB COLLECTION.

PLANT A CRAB ORCHARD AND REAP A RICH HARVEST. MORE PROFITABLE THAN WHEAT OR OATS.

A capital investment for thrifty farmers and fruit growers. They bear early, grow into money while you sleep, and in four or five years return your investment a hundred fold. There are splendid opportunities awaiting the man who makes a business of growing crab apples.

Extra Heavy, Five to Seven Feet Trees 30c Each, $2.00 Per Dozen $32.50 per 100. Prices per 1000 quoted on application

We can supply the following list of well-known apples in the largest size only. Only those marked with a star are recommended for the north and northwest, the others being valuable for the eastern, southern, and middle states.

Yellw Transparent.

Alexander, large red.

Baldwin, large, late.

Ben Davis, large, striped.

Belleville, rich yellow.

Early Harvest, yellow.

Early Scarlet, red.

Fall Pippin, large yellow.

Famous, deep crimson.

Gano, late, deep red.

"Golden Russett, late.

Golden Delicious, yellow, sweet, early.

Grimes Golden, showy.

King, extra large, fall.

Klaibens Bush, fall.

Lindens Bush, fall.

Mann, yellow shaded red.

McIntosh Red, choice.

Northern Spy, striped red.

Pawpaw, yellow, red.

Rawles Janet, late.

Red Acorn, early.

R. L. Greening, large.

Robyn Russet, choice.

Sweet Bough, very early.

Talman Sweet, winter.

Troy, small, summer.

Twenty Ounce, large.

Wagner, deep red.

Walbridge, striped.

Garden Fruit Collection.

12 CHOICE TREES for city people who wish good fruit from their own garden.

Everyone who owns a garden should plant this collection. The expense is small, the care and attention required to grow them only a pleasure, while the returns on your investment are just as certain and larger than government bonds. 

Berlin Apple.

Buchess Apple.

Hibernal Apple.

Longfield Apple.


Peerless Apple. 

Extra Heavy Trees, 5 to 7 ft. 

Extra Heavy Trees, 5 to 7 ft.
CHERRIES.

FIRST SIZE, 3 to 4 ft. 40c each, $3.00 per doz. EXTRA HEAVY, 5 to 6 ft. 50c each, $5.00 per doz.

These require a dry soil, being naturally hardy and thrive in the lightest soil or drier location. We offer this season for the first time some new Russian varieties, which have been thoroughly tested at the state experimental farm as well as on our own grounds, found perfectly hardy and produce the finest fruit and are considered the best sorts ever introduced. The Heart of Parma and Olea varieties (marked B) are of rapid growth, with large glossy leaves, forming fine, pyramidal-shaped heads, and producing large crops of luscious fruit. They are well adapted for street or lawn planting for shade trees. The Duchesse and Morello varieties produce good and large crops, but do not attain so large a size, are generally harder and the fruit better adapted for shipping purposes.

LATOVA. A Russian variety of the Moroello type. Tree an exceedingly vigorous grower, very productive. Fruit of large size, nearly round, red flesh, firm, good quality, sprightly acid. Elongs very unusually to the stem. Color and size of the well known English Morello.

LATE RICHMOND.—A fine old variety resembling Early Richmond in shape and color, but ripening about 3 weeks later.

MONTHORENCY.—Tree very hardy and an immense bearer, commences to fruit while young, and is loaded annually thereafter with fine crops. Fruit very large, fine flavor and of bright, clear, shining red; valuable everywhere; a week later than Early Richmond. One of the finest of the winter lots.

OLIVET. This variety promises to be both the greatest value. Differing from nearly all other sorts, its fruit ripens throughout most of June and July, without losing its quality. Fruit large; flesh red, with rose-colored juice, tender, rich and viscid, with mild, subacid flavor. As fertile and productive as the best of the Duke sorts, and probably the largest of this class. This is a very hardy, productive variety. It has been thoroughly tested in some severe winters and found perfectly hardy. The fruit is large, roundish; flesh clear, tender, juicy, sub-acute, very good.

VALDIMIR, 1-2 Natural Size. Invaluable tracts are planted with it, and train loads of fruit are annually sent to all parts of Russia. The fruit is a large or larger than that of Dutch and Prussian, very sweet, with a very strong, rich, delicious flavor. It is black in color with a very highly colored juice; quite firm flesh of most delicious quality.

VOESE. A hardy Siberian variety. Tree very vigorous in growth, and fruitful. Quality the best, ripening with Vladimir.

BESSARABIAN.—A new Russian sort. Tree very hardy in the far north. Bears most regularly on thin, poor soils where it makes less growth of tree. Fruit medium to large, clear red, mild, juicy, meaty and good. A valuable addition to our list of hardy sorts.

COMPTOS.—See page 86.

EARLY RICHMOND.—Dark red, melting, juicy, sprightly acid. Tree a good grower with roundish, spreading head and very productive. Ripes early and is considered one of the best in cultivation.

GEO. GLASS.—This comes from Silesia, otherwise known as Hardruss. Tree a handsome grower. Fruit large medium to large, round, heart-shaped, somewhat flattened at ends. Color dark red; flesh mealy, juicy, mildly acid.

JUNE MORELLO.—A Russian variety. Tree hardy and fruitful. Fruit, large, scarlet red, ripening with the Early Richmonds, firm, mealy, juicy, sub-acid and good.

LITHAUER WEISCHL.—From Russia. Large fruit, small, round, dark red. Flesh, purple, mealy and pleasantly acid. Much used in Eastern Europe for cherry wine as it is well stored with sugar.

LOUIS PHILIPPE.—Large, dark red, almost black, sprightly, mild, acid, small stone.

OSTHEIM. 1-2 Natural Size. The finest acid cherry. We cannot recommend this fine variety too highly for we believe it is one of the best, if not the very best ever introduced.

OLIVET. This is a very shining deep red, and continues bearing through most of June and July, without losing its quality. Fruit large; flesh red, with rose-colored juice, tender, rich and viscid, with mild, subacid flavor. As fertile and productive as the best of the Duke sorts, and probably the largest of this class. This is a very hardy, productive variety. It has been thoroughly tested in some severe winters and found perfectly hardy. The fruit is large, roundish; flesh clear, tender, juicy, sub-acute, very good.

QUINCES.

In addition to the foregoing we can supply the following list of well known sorts in $5 to 6 ft. trees only.

BLACK PIGEON.—Large, black, tender, rich and juicy.

BLACK TARTARIAN.—Very large, purple, tender, rich and juicy.

ENGLISH MORELLO.—Black, rich, acid, wood.

MAY DUKE.—Large, dark red, juicy, nearly ripe.

OREL, No. 2.—Russian. Fruit medium to large, round, slightly flattened, bright red, ripening with Lutovka. Of juicy, mildy acid, good flavor.

OLIVET. This variety promises to be both the greatest value. Differing from nearly all other sorts, its fruit ripens throughout most of June and July, without losing its quality. Fruit large; flesh red, with rose-colored juice, tender, rich and viscid, with mild, subacid flavor. As fertile and productive as the best of the Duke sorts, and probably the largest of this class. This is a very hardy, productive variety. It has been thoroughly tested in some severe winters and found perfectly hardy. The fruit is large, roundish; flesh clear, tender, juicy, sub-acute, very good.

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LOUIS PHILIPPE.—Large, dark red, almost black, sprightly, mild, acid, small stone.

OSTHEIM. 1-2 Natural Size.
PLUMS.

A native variety of unusual excellence. The tree is sturdily vigorous, and has excellent form and habit. Fruit average size, large of finest quality. Flesh very firm, rendering it exceedingly valuable for shipping purposes.

Stoddard. One of the largest native plums. It is of a light flesh-red color, very handsome, with a sweet skin, and of most delicious quality.

General List of Native Sorts

<table>
<thead>
<tr>
<th>First Size</th>
<th>2 to 2 1/2 ft.</th>
<th>3 to 3 1/2 ft.</th>
<th>5 to 6 ft.</th>
<th>$3.00 per doz.</th>
<th>EXTRA HEAVY 7</th>
<th>8 to 9 ft.</th>
<th>10 to 12 ft.</th>
<th>$2.50 per doz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MERIDIAN EAGLE</td>
<td>Dark purplish red, of large oblong shape. Tree vigorous, healthy and productive.</td>
<td></td>
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<tr>
<td>E. SOTO</td>
<td>Medium size, dappled red and yellow. Flesh firm, sweet and juicy. Tree very hardy and productive.</td>
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<tr>
<td>TOLEDO</td>
<td>Medium size, red.</td>
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</tr>
<tr>
<td>OWL</td>
<td>Large, globular, red. Tree numerical and productive.</td>
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<tr>
<td>TATA</td>
<td>Large, round, red on yellow ground. Tree of fine form and very productive.</td>
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<tr>
<td>OTTAWA</td>
<td>Large, red, flat, roundish, of finest quality. Tree very hardy and productive.</td>
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<tr>
<td>BACKEWEE</td>
<td>Tree hardy, thrifty and an abundant bearer. Fruit large, color light, mottled red and yellow, juicy, sweet and rich.</td>
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<tr>
<td>BACON</td>
<td>Of medium size, roundish oval, red, shaded red. Flesh, very juicy, pleasant, sub-acid and good.</td>
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</tr>
</tbody>
</table>

This variety, said to be very hardy, vigorous and productive, fruit of medium size, firm, juicy and pleasant.

General List of European Varieties

<table>
<thead>
<tr>
<th>One size only.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXTRA HEAVY 5 to 7 ft.</td>
</tr>
<tr>
<td>BRADSHAW</td>
</tr>
<tr>
<td>DAWSON</td>
</tr>
<tr>
<td>GERMAN PRUNER</td>
</tr>
<tr>
<td>GRAND DUKE</td>
</tr>
<tr>
<td>GREEN GAGE</td>
</tr>
<tr>
<td>LOMBARD</td>
</tr>
<tr>
<td>MOORE'S ARCTIC</td>
</tr>
<tr>
<td>PEACH</td>
</tr>
<tr>
<td>PURPLE PLUM</td>
</tr>
<tr>
<td>SHIPPERS PRIDE</td>
</tr>
<tr>
<td>YELLOW EGG</td>
</tr>
</tbody>
</table>

PECHE.

<table>
<thead>
<tr>
<th>We offer one size only.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXTRA HEAVY 4 to 5 ft.</td>
</tr>
</tbody>
</table>

The Peach Tree requires a well drained, moderately rich soil—warm, sandy loam is probably the best. Our trees are all grown from Tennessee natural pits, free from insects, perfectly healthy, well ripened with splendid roots, stored in frost-proof cellars beyond injury during the winter months.

ARISTOCRAT | Red, yellow cheek. |
| ALEXANDER | Greenish white, splashed. |
| BEER'S SMOK | Large, yellow flesh. |
| CRAMER'S | Large, yellow. |
| CRAMER'S LATE | A superb variety. |
| CROSBY | Medium size, bright yellow. |
| EARLY CANADA | Large, dark red. |
| ELBERTA | Yellow with red cheek. |
| FOSTER | Large, bright yellow. Best quality. |
| FITZGERALD | Large, yellow and crimson. |
| GOLDEN DROP | Yellow, blushed cheek. |
| HEATH CLING | Firm, juicy and melting. |
| HILLS CHILL | Hull yellow. Very productive. |
| HONEST JOHN | Large, yellow. |
| MOUNTAIN ROSE | Large, rich red. |
| NEW Prolific | An excellent shipper. |
| OLD MISON FREE | White and red. Large, firm. |
| OLD MISON CLING | White with red cheek. |
| RAY | Large, rich yellow. |
| BOSTON | Large, yellow. |
| STEVENS RARE PIE | Large, bright red. |
| STUMP THE WORLD | Yellow, with red cheek. |
| TRIUMPH | Yellow, with red cheek. |
| WHEATLAND | Large, golden yellow. |

APRICOTS.

First Class | 4 to 5 ft. | 30 doz. | $3.00 per doz. |
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>ALEXANDER</td>
<td>Very hardy, Immense bearer.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BURGESS</td>
<td>Yellow, red cheek. Perfectly hardy.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUDDE</td>
<td>White, red cheek. Strong grower.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HARRIS</td>
<td>Oval, bright yellow, red cheek.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MONROE</td>
<td>Yellow, with red cheek.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RUSSIAN</td>
<td>Extremely hardy. Fine fruit.</td>
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</tr>
</tbody>
</table>

NECTARINES.

First Class | 4 to 5 ft. | 30 doz. | $3.00 per doz. |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BOSTON</td>
<td>Fruit, large, deep yellow, delicious. Very hardy and productive.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
NUT BEARING TREES.

Nuts culture is an industry that, until recently, has received but little attention by American planters. Probably no branch of tree cultivation pays larger profits or offers better inducements to planters than this, while most kinds are growing into valuable timber trees that yield to themselves pay large dividends on the investment.

Chestnuts

These are valuable for their large crops of choice nuts, while most varieties furnish fine lumber, furniture, etc. When once started they grow rapidly and attain a large size in a few years.

AMERICAN SWEET—See Cut on opposite page. One of the finest and sweetest nuts grown. The timber is very durable and possesses a fine grain for oil finish. 4 to 5 feet, 40c each, $4.00 per dozen. 5 to 6 feet, 60c each, $6.00 per dozen.

MAMMOTH JAPAN—See Cut. One of the most vigorous, hardy growers we have ever known. It is quite distinct from the European varieties, having a long, narrow, peach-like, dark green leaf, and forming a very handsome, ornamental lawn tree. It comes into bearing at a very early age, producing nuts of enormous size, measuring 1 to 6 inches in circumference and 3 to 7 inches in length. Its early bearing and great productiveness make it especially desirable for the home grounds, and likewise valuable to grow for profit. Nailing size 25c each postpaid, 3 to 4 feet trees, 50c each, $6.00 per dozen.

ENGLISH WALNUT—(See Cut.) One of the most valuable fruits. This is a hardy variety, producing fine, large nuts in great abundance. A most valuable tree for avenues, park roadside planting. First class, 4 to 5 feet, 50c each, $5.00 per dozen.

Filberts or Hazelnuts.

These are all of easy culture. They are of dwarf habit, entirely hardy, abundance comes into bearing early and are among the most satisfactory nuts to grow for profit or pleasure.

Our Wonderful Fruit Offer

On inside back cover, consists of the following choice varieties and is within the reach of every body who wishes a collection of the choicest trees for the home garden.

1 Rocky Mountain Cherries  5
2 Mayfield Prize Raspberries  5
3 King Raspberries  5
4 Cambridge Fergus  2
5 White Diamond  2

Sent prepaid to any address in the U.S. for $1.50, 3 collections, or exp. at customer's expense.

Improved Russian Mulberry

(See Cut.) An ornamental, hardy, fruit-bearing tree for America. Suitable for all sections of this country. Fruit larger than blackberries and of delicious flavor. This valuable fruit and ornamental tree was brought to this country from Western Russia by Dr. Basden, of Minnesota, and is now known as the 'black Russian.' It grows to be very large, often reaching the height of fifty feet, and from three to five feet in diameter and is perfectly hardy. It commences to bear with only two years old, and is a prolific bearer. Fruit being larger than the average blackberry. The fruit has a fine aromatic flavor and sub-aqueous taste, and is used for dessert, jam, blackberries or raspberries. A beautiful quick growing tree for the lawn, while the fruit is valuable for table use. In all our experience we have found this fruit so admirably adapted to all parts of this country, that it is becoming generally known throughout the West and Northwest. Nailing size, 50c each, $1.50 per dozen postpaid. Second class, 3 to 4 feet, 25c each, $2.00 per dozen. First class, 4 to 6 feet, 50c each, $5.00 per dozen.
### The Compass Cherry

Absolutely hardy everywhere.

**Miner's description:** This cherry as originated at Springfield, Minn. It is a cross between the Saud Cherry and a Minor Plum. Nearly an inch in diameter, a bright red, sweet and juicy tip of very fine flavor. The tree is absolutely hardy in this severe climate. The initial tree bore fruit the third year on the seed, and has borne a full crop every year since. The tree is a regular heavy bearer, and produces fruit the first year after setting out. For exposed situations and for the north and west it is the cherry.

4 to 6 ft. trees, 75c each.

### Eleagnus Longipes

**Japanese Olive.** Forms a beautiful shrub of dwarf, compact growth, about 5 or 6 feet in height, in attractive foliage, bright green and silvery white beneath. It blossoms very abundantly in May, the deep yellow flowers hanging in wreaths along the branches. These are followed by the brilliant scarlet berries, which are five shaped, about the size of large currants, and ripe in July. It has an excellent flavor, being rich, juicy and slightly acid, and is fine for preserves, jelly, etc. The bush is extremely hardy, without mulching, heat and cold, remarkably well. In winter the reddish brown bark renders the plant exceedingly attractive.

**Mailing size:** 15c each, $1.50 per doz, postpaid. First class, 25c each, $2.50 per doz.

### Buffalo Berry

**A hardy fruit,** discovered on the banks of the Missouri in the Dakotas, is a splendid fruit, growing to a height of from 4 to 12 ft. The fruit is borne in fine bunches, resembling a great cluster of currants, and for making preserves, pies, etc., nothing can surpass it. Each, 8c each, $1.50 per doz, postpaid.

### Cranberry High Bush

**This is a most ornamental plant,** the foliage being very dense, dark green. The flowers, which are pure white, hang in large clusters and are followed by beautiful, showy red berries that remain on the plant all winter. The fruit is very acid, resembling the common cranberry in flavor and is esteemed by many for jellies, pies, etc. **Mailing size:** 15c each, $1.50 per doz., postpaid. First class, 25c each, $2.50 per doz., by express.

### Russian Olive

**This is a native of the plains of the Northwest.** Drought, heat or cold do not affect it in the least and it continues to grow very vigorously at all times. It has been highly recommended for farm hedges, by cutting back each season it forms a very dense, compact hedge, of most beautiful appearance. The foliage is a silvery white, the flowers small, yellow and produced in greatest profusion. The fruit, which is produced in large quantities, resembles red currants, and remains on the tree a long time before dropping. **Mailing size:** 15c each, $1.50 per doz., postpaid.

### Improved Dwarf Juneberry

**This fruit is a native of Alaska,** and therefore of the most iron-clad hardiness. It is a quick grower, forming dense clumps of bushes which bloom and bear heavily when only one or two feet in height. The berries are the size of ordinary currants, being green in an unripe state, changing to bright scarlet, and, when fully ripe, to a dark purple blue, and as the three colors hang in clusters upon a bush they present a most charming and appetizing sight. After the berry is fully ripe it will keep on the bush in perfect condition for two or three weeks without decaying or dropping. It is exceedingly sweet and has a peculiar rich and luscious flavor. Aside from its value as a fruit it is one of the most showy flowering shrubs, as it blooms very early in the spring—before leaves start—and every stem and branch of the bush is a solid wreath of delicate feather whiteness, so numerous are the flowers.

**Mailing size:** 15c each, $1.50 per doz., postpaid.

### Novelty Fruit Collection.

**Containing Ornamental, Fruit Bearing Shrubs and Trees for Lawn or Garden Planting.**

<table>
<thead>
<tr>
<th>We offer 6 choice varieties, 7 listed on this page and the Tuliperry on Page 84, for $1.00, by express at purchaser's expense.</th>
</tr>
</thead>
</table>

### Buffalo Berry

| KENTISH COB FILBERT. |

| [See opposite page.] |
STRAWBERRIES.

These delight in good, rich, moist soil, but will grow on any soil capable of growing good general crops. By planting early, medium and late varieties, the grower is supplied with fruit the entire season. The soil should be thoroughly pulverized and well broken for planting. As a fertilizer we recommend well rotted barnyard manure as superior to all others.

For field culture plants 1½ feet apart each way, 18 inches apart in the rows. For garden culture 18 inches apart each way leaving a pathway every third row. After the ground is frozen in the fall cover with leaves, straw or litter, which remove in the spring before growth commences.

Nursing with clean straw will keep the fruit in good condition throughout the fruiting season.

Perfect and Imperfect Blossoms—Strawberries are all perfect or imperfect, in other words, male or female. Varieties marked X are imperfect and destitute of pollen and must be planted near perfect flowering varieties or they will be barren of fruit.

At prices quoted by the dozen we mail plants postpaid. Plants by the hundred and thousand will be sent by express at buyer's expense. Add 20c per hundred to prices quoted if wanted by mail. Unless otherwise noted, 25c per doz., 75c per 100, $3.00 per 1000.

BEDERWOOD—An enormous yields, producing large, round, perfectly formed berries, of a bright scarlet color and fine flavor.

BRANDYWINE—A fine, large, late, handsome, productive berry of excellent quality.

BUBACH No. 5—The fruit is large and handsome. It is exceedingly productive and valuable for a near by market. Mid-season.

CHALLENGE. Challenge. This is essentially a market berry. It is immensely productive, of the largest size, of good color, quality and appearance, and a splendid shipper. For resisting drought we believe it has no superior and very few, if any, equals.

It is of fine flavor and color, firm and ships perfectly almost any distance. During the awful drought of 1901, when all vegetation seemed to dry up in the intense heat, the Challenge stood an unexcelled shape, never drying up in the least. Per doz. 75c per 100 4.00.

CLYDE—The fruit is large, firm, never varies from its regular conical shape and holds its size to the end of the season.

CRESCENT SEEDLING. Medium size, bright scarlet, plant very vigorous and hardy.

ENHANCE—Fruit of good size and firm, making it a valuable market and shipping variety.

Eureka. In fields and experimental gardens where other varieties were totally killed by frost, this sort produced a full crop of good fruit. The fruit is very large, of a bright crimson color, of firm texture and most delicate flavor. It ripens very late in the season and this fact should recommend it for the market.

GANDY—Berries bright crimson, son, very uniform in size and shape, large and firm.

GLEN MARY—Berries of largest size, bright red on surface, light red in center, sweet, rich and of good flavor.

GREENVILLE—Berries of large size, good quality and medium texture; color, very good and fine.

HAVELAND—Berries uniform, long, medium size and fair quality.

Rough Rider. One of the most beautiful fruits ever seen; berries the size of a large cherry, bright, rich, shining scarlet, with an exquisite bloom; makes lovely jams, jellies and tarts; having a delicious flavor entirely different from any other fruit known; bears the first season, and gets larger and stronger every year. Came from Japan, and tested for five years here; the bush grows to 18 inches to 2 feet high, is entirely hardy and will do we everywhere, regardless of heat or drought. All lovers of fruit should give it a trial. It will surprise and please you. 15c each 4 for 5c. 12 for 10c, postpaid.

JOE. Berries very large, bright, rich, glossy red, firm and of excellent flavor.

LOYETT—The fruit is of medium size, bright crimson and of good quality.

MICHEL'S EARLY—The earliest sort grown. Fruit small but of delicious flavor.

NICKERSON—The fruit is of the largest size, dark, glossy red firm and of excellent flavor.

PARKER EARLE—Berries regular, conical, short neck, glossy scarlet-crimson. Season, medium to late.

RIO—Early, large, good flavor, a most beautiful fruit in the box.

Rough Rider. From disease. Berries very large, round, firm, but somewhat flattened and pointed. Color dark red, like wine-red, very late in the season. A splendid market variety. We are raising this from our own growing, from plants received direct from the introduce its extensive culture and sale.

SPLENDOR—The fruit is of large size, above the average in quality and appearance, very firm and can be shipped long distances.

Van Deman—Fruit of good size, firm and beautiful, valuable as a shipper.

WARFIELD—The fruit is of large size, beautiful appearance, delicious flavor, firm texture, unsurpassed for shipping.

W.M. BELT—A very high colored berry, ripening early to the tiny extra large in size and pointed in shape.

WILSON—The most widely known and universally successful strawberry plant.

STRAWBERRY RASPBERRY, OR TREE STRAWBERRY.

One of the most beautiful fruits ever seen; berries the size of a large cherry, bright, rich, shining scarlet, with an exquisite bloom; makes lovely jams, jellies and tarts; having a delicious flavor entirely different from any other fruit known; bears the first season, and gets larger and stronger every year. Came from Japan, and tested for five years here; the bush grows to 18 inches to 2 feet high, is entirely hardy and will do we everywhere, regardless of heat or drought. All lovers of fruit should give it a trial. It will surprise and please you. 15c each 4 for 5c. 12 for 10c, postpaid.

CHOICE COLLECTION.

CITY GARDEN COLLECTION.

BEDERWOOD 25.00
BRANDYWINE 25.00
Rough Rider 12.00
CLYDE 25.00
EUREKA 12.00

VILLAGE GARDEN COLLECTION.

JOE 3.00
EUREKA 1.00
12 Challenge 250 Plants to
1.25
12 Clydes 2.00 by ex
1.25
12 Eurekas 3.00 per 50
1.25
12 Loves 9.00 by ex
1.25
12 Ringers 5.00 per 50
1.25

This will supply a large family with all the berries the can consume throughout the season.
BLACKBERRIES.

This excellent and profitable fruit should be planted for garden use in rows 3 to 6 feet apart, with plants 3 to 4 feet apart in rows; for market, in rows 6 to 7 feet apart, with plants 4 to 5 feet apart in the rows. Give the plants the same cultivation as for raspberries. Unless otherwise noted, 50c per doz., postpaid; $2.00 per 100 by express or freight.

ELDERADO.—A perfectly hardy, very vigorous and productive, weighing down its strong canes with immense crops of delicious fruit.

TAYLOR.—Berries large, of fine flavor, cane of strong growth and hardy.

WACHUSETT—A hardy, vigorous variety, free from thorns, producing fruit of medium size.

WILSON'S JR—The largest berry ever produced. It is noted for its productiveness. Needs winter protection in the North.

The New Logan Berry,

(OR BLACKBERRY RASPBERRY.) (See cut.)

A wonderful fruit. This grand new berry has been tested here for several years. It is a strong, vigorous grower, quite hardy, and is a valuable addition to our small fruits. It originated in California, and seems to be a true hybrid between the raspberry and blackberry, combining the nature of both in quality and appearance, but of finer and more delicate flavor. The berries are the size of the largest Blackberries, and of a rich, dark, purple-red color. It is an abundant bearer. The fruit has very few seeds, ripens early (before blackberries), and is of such excellent quality for eating and cooking that it has brought four times the price of other berries, and will probably continue high for several years to come. Each, 50c per doz., postpaid.

LAURENCE DEWBERY.—One of the low-growing, trailing blackberries. The plant is perfectly hardy and remarkably productive, with large, showy flowers. The fruit is from 1 to 1½ inches long by 1 inch in diameter, soft, sweet and luscious throughout, ripening very early and holding well. They should be well mulched with straw to keep the fruit from the ground. As the Dewberry roots only from the tips and does not sprout like other blackberries, it is most suitable for cutting culture than tall growing sorts, and the trailing habit of the plant will render winter protection easily accomplished in cold climates where that precaution may be necessary.

MARKET BLACKBERRY COLLECTION.

For small planters who wish a succession of fruit for early, medium and late market this is very desirable.

Early Harvest, 1 Collection, $1.00
Taylor, ½ quart, 60c
Rathburn, ½ quart, 50c
Stone's Hardy, ½ quart, 25c

AUSTIN'S
DEWBERY

RATHBURN

FREE.
RASPBERRIES.

Of all the fruits grown by the amateur or professional, none will give greater returns for the time and money expended than these. The fruit is high in market prices, and we frequently find a surplus of fruit, which always sells at good prices. We believe there is no surer road to fortune for any young farmer residing in a rural community, than to plant several acres of small fruits for market purposes. The earliest and latest ripening sorts should also be planted to give a succession throughout the fruiting season.

CULTURE—Plant in good soil, and nurse from time to time freely. The hills should not be less than four feet apart each way, with two or three plants in a hill. Cut out the old and weak shoots each year, preserving not over six for fruiting. The berries ripen the plants are inclined to kill down seriously, they may be bent over in the fall, on mounds of earth formed at one side of the hills and covered sufficiently to keep them down until spring. Surplus suckers take strength from the bearing plants. They should be cut away or hoed frequently. One acre, 4 feet apart each way, contains 2733 hills, requiring about 550 plants. Where customers wish, we will take selections for small lots, five or ten acre, giving such varieties as our wide experience has shown to be most desirable to their needs and locality.

General List of Red Sorts

The canes of all these varieties should be cut back to within a few inches of the ground immediately after planting. Cut out all wood as soon as the cane are through fruiting, to give more vigor to the young canes. Surplus suckers take strength from the bearing plants. They should be cut away or hoed frequently. Unless otherwise noted, 50c per doz postpaid; $1.50 per 100, $10.00 per 1000, by express or freight.

Black Hills. It originated in Dakota, and is almost as hardy as an oval of the most delicious quality. One of its best points is its wonderful yield, and great length of time it will bear during the summer. The plants are vigorous in growth and so hardy that our severe winters in the North will not protect it, always bearing heavily and surpassing any other sort in both yield and flavor. For large planters and those who wish to grow raspberries, we cannot recommend this variety highly enough, for we know by actual experiments at our nursery that it will yield any re- sort, nor any of the large cities of the country, and at a much higher price to all and any markets. For its home garden it bears most generously to the most delicate vases and are usually the most profitable, though mid-season sorts should also be planted to give a succession throughout the fruiting season.

SHAFER’S COLOSSA—A colossal fruit, both in the plant and the berry, and especially adapted to the South. Berries very large, dark, dull, purplish, unattractive color, of a rich, luscious flavor. Unusual productive, and large, carrying and producing large crops. Dressed to the bush, this variety is equal in every respect to the best black raspberries, and is a decided favorite with the trade. To be grown in the North, the plant must be hoed down in the spring and mulched with straw to keep the soil light and free of weeds.

TURNER—Very productive and hardy, of good size, light, handsome red and of fine flavor.

Golden Queen. This variety is a seedling of the Cuthbert, but the color of the fruit is a rich gold in flavor. The flavor is of the highest quality, pronounced, and much superior to the Old Brinley’s Grange, the best flavored of all raspberries. In size equal to Cuthbert, immensly productive, a very strong grower, and hard enough even for the extreme northern latitude having stood unjured when even the Cuthbert suffered. The desire for a yellow raspberry of high quality, combined with vigorous growth and large size the predominant factors of this variety. This is a fine variety for any of the large cities of the country, and at a much higher price to all and any markets.

The Japanese Wineberry. The canes of this interesting plant are large, r bland, and of a beautiful rose color, with pubescent hairs, which exerts a charm on the stem to the current. The fruit is a waxy, soft, beautiful and attractive, and contains a seed which ripens the berries at first tightly enveloped in the large calyx, forming a sort of burl, which is also covered with purplish hairs, which exerts an effect of beauty and attraction, and a appearance of a moss rosebud. These gradual open and turn back, the center becoming large and beautiful. The berries are of medium size as compared with our raspberries, but are of a beautiful translucent color, running through all the shades of amber to crimson, they ripen. There is a freshness and brilliancy about them impos- sible to describe, and we know of nothing in the way of raspberries so attractive. In quality the fruit is good, with a rich and spicy flavor, but decidedly brisk and acid. When cooked it is simply grand with yellow jelly and all other small fruits. Season of ripening early Jul

BLACK HILLS. choice fresh fruit for table use or canning. $1.00 per doz., postpaid; $2.50 per 100.

COLUMBIA—One of the greatest raspberries in cultivation. Plant, a plant to grow and perfectly hardy. Fruit, large, dark, rich, rich, and of most delicious flavor; does not drop from bush and most excellent for shipping. Yields of 8000 quarts per acre have been known. Canes grow from 10 to 15 feet high, many being an inch in diameter. $7.50 per doz., postpaid; $20.00 per 100, $17.50 per 1000.

CUTHER—The standard red variety. Fruit, large, conical, rich crimson, rich and luscious flavor. One of the best shippers known.

HANSEL—Fruit of medium size, bright crimson and finest quality. This exceedingly good variety is considered by many mar-

King, a very early introduction. The fruit is of largest size, of a vegetable scarlet color, very firm, of good quality and ripens the earliest of all. $1.00 per doz., postpaid; $2.50 per 100.

Loudon. A Northern variety, which will take the place of all other Red Raspberries, with the exception of our Black Hills. It was originated by W. W. Loudon, of Wisconsin, who says: “The Loudon is a seedling of Turner, crossed with Cuthbert; berry is large, color beautiful. It yields 200 bushels to the acre, and may be shipped to New Orleans in good shape.” $7.50 per doz., postpaid; $1.50 per 100, $12.50 per 1000.

MARLBORO—Fruit of large size, of a light crimson color, firm and of good quality.

MILLERS—A thoroughly reliable and most perfect variety, of very vigorous growth, the canes attaining a height of 6 feet, which do not winter kill in the least. Berries of large size, handsome appearance, firm and delicious. Begins to ripen its fruit by the middle of June and continues in crop, all August.

RELIANCE—An old and reliable variety. Fruit, large, round, dark red with a sprightly, acid flavor.

RANCOAS—A very productive, hardy, mid-season variety, which ripens its fruit very early.

GOLDEN QUEEN. A selection of the Cuthbert, but the color of the fruit is a rich gold in flavor. The flavor is of the highest quality, pronounced, and much superior to the Old Brinley’s Grange, the best flavored of all raspberries. In size equal to Cuthbert, immensly productive, a very strong grower, and hard enough even for the extreme northern latitude having stood unjured when even the Cuthbert suffered. The desire for a yellow raspberry of high quality, combined with vigorous growth and large size the predominant factors of this variety. This is a fine variety for any of the large cities of the country, and at a much higher price to all and any markets.

AMATEUR’S GARDEN COLLECTION.

Containing choice fruit for home cultivation in small gar- dens. This will produce an abundance of delicious berries for a family of six or eight.

JAPANESE WINEBERRY.

LOUDON.

KING.
GENERAL LIST OF BLACK CAPS.

For many purposes and by many persons the black raspberries, commonly termed "Black Caps," are preferred to the red. For shipping purposes they carry much better and carry longer distances than the red, they are generally preferred for canning and often for table use, while for jams they are unsurpassed. We grow a limited number of varieties, those which we consider the very best for general culture. While many other good kinds are on the market our customers will take no mistake by planting these, as our list is the Cream of the lot. Unless otherwise stated, 500 per doz., postpaid; $1.50 per 1,000. Same per 2,500 by express or freight.

**Cumberland.** (See Cut.) A valuable acquisition among black raspberries. With its greatly superior size, it combines the usually valuable characteristics of great firmness, splendid quality and wonderful productiveness. The plants are entirely hardy, very vigorous and healthful, and are entirely unaffected by either anthracnose or yellow blight. In season of ripening it follows Souhegan and precedes Gregg. It ripens short time, making a mid-season variety. Under equal conditions, Cumberland will yield 2,000 quarts per acre more than Gregg and 1,000 more than Ohio. The Cumberland has yielded a good crop when Cuthbert and Gregg were both frozen to the ground. In vigorous growth the Cumberland stands at the head. It forms a strong upright bush, growing up tall, sticky shoots, well calculated to bear up their immense loads of fruit. Fresh fruit of the Cumberland has sold for 3 to 5 cents per quart more than Gregg and 6 to 7 cents per quart more than could be secured for Ohio on account of its superior size. 75c per doz. postpaid; $2.50 per 100. $2.25 per 1,000 by express or freight.

**UREKA—**Fruit large, firm and of the best quality. Berry free from bloom and very attractive in the market, making it a splendid seller. The canes make a strong, rapid growth, with a bright, healthy color and are very hardy. It has been stated that an acre of Eurekas would yield as much as an acre each of Palmer and Gregg combined. It is a medium early ripening variety.

**RIGID—**The leading late Black Cap and a popular market sort; canes of strong, vigorous growth and, under good culture, very productive; berries are large, colored with heavy bloom, firm, meaty and of fine flavor; it requires a good strong soil to produce the best results; it is by far the best late Black Cap and the stiffest of any.

**ANS—**A strong, vigorous grower, standing extremes of drought and cold, and carrying immense crops. Early, ripening just after Palmer. Berries of Gregg, the better color, yet black, stronger and of better quality; resembles a handsome appearance and brings highest price in market.

**WALLNUT CLUSTER—**A well known old variety, yet retained for its high quality and productive; rich and juicy with much bloom; near, strong and vigorous; medium to late.

**Mayfield Prize.** (See Cut.) This variety is perfectly hardy, withstands our severe winters without the least damage as well as the extreme heat of Southern states. It is extremely early, making it valuable to fruit growers and others who want a good fruit for the early market. The berries are of good size, firm texture and great keeping qualities. Appearance is most handsome, being a deep glossy, black, nearly free from bloom. On the market in competition with other standard varieties it commands a much higher price and is always most eagerly sought after by the trade. Palmer Perfection, Black Seckel, Early Seckel, a handsome berry, a good berry, producing many of a size that two good should not fail to plant this excellent sort. $1.00 per doz. postpaid; $1.00 per 100 by express or freight.

**Munger.** (See Cut.) This new variety resembles the Gregg, but is a full quarter larger and of much better flavor. It ripens in the same time as the Late Black Cap and drought better than any sort we have ever grown. It is the color, quality, texture and flavor of the Black Cap itself. 1,000 each. $1.00. Shipping freight free.

**Nemaha.** This variety originated in the Nemaha Valley, Nebraska, where it is largely grown. It is large, round, firm, dry, could be better quality, large, and almost free from bloom; firm, of best quality, productiveness; medium grower, and drought better than any sort we have ever grown. 1,000 each. $1.00. Postpaid; $2.50 per 100.

**Japan Golden Mayberry.** (See Cut.) The earliest known fruit, known, forming a shrub-like bush six to eight feet high, producing all along its branches large, white blossoms, which are soon followed by large, sweet, glossy, golden, semi-transparent berries. The bushes do not die down after bearing, like the canes of the raspberry and blackberry, but continue to bear fruit for many years, like the Currant and Gooseberry. 20c each, $1.00 per doz., postpaid.

**GOLDEN MAYBERRY.**
Currants. Hardy, easily cultivated, responding liberally to cultivation, and standing neglect well; no class of plants grown will afford better returns for the investment, either for home use or the market than these. They should be had in every garden and will pay handsomely for market. Plant five to six feet apart in rich ground, cultivate well or mulch heavily. Prune red variety old wood so that each remaining shoot will have plenty of room to grow in. Powdery white: In hot beds, pruned on the plants will destroy the currant worms. By planting the red or white varieties alternately with the black, the ravages of the currant worms may be greatly lessened, as they do not attack the black varieties.

Black Champion. (See Cut.) The leading variety of its color. A very strong vigorous grower, and a very productive sort. Berry and bunch very large and of most excellent quality. 1 year $1.00 per doz., $8.00 per 100; 2 year $1.50 per doz., $10.00 per 100.

Fay’s Prolific. (See Cut.) The largest of all the red currants ever introduced. The bushes are unusually strong in habit of growth and bear immense clusters of berries in the greatest abundance. In color the berries are a most beautiful shade of bright red, and in formation the bunches are so immense that they resemble more a small bunch of rich, red grapes than do a bunch of currants. Many fruit growers are now planting largely of this variety in the place of the older sorts, on account of the enormous yields which are certain to be the result. You will make a great mistake if you don’t secure Black Champion and Giant Ruby. 1 year, $1.50 per doz., $10.00 per 100; 2 years, $2.00 per doz., $10.00 per 100.

White Wine. (See Cut.) A splendid white variety that bears great bunches of lovely, white currants of the most delicious flavor. This Giant Ruby we consider by far the best of all the currants in both quality and yield, surpassing even the well-known and valuable Fay’s Prolific, which has been such a great favorite the past few years. One of the ripe is by far the hardest white sort in the market. 

General List of Standard Varieties.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLACK NAPLES</td>
<td>Fruit varies from small to large, averaging above medium; pulp acid, with strong flavor.</td>
</tr>
<tr>
<td>CHERRY</td>
<td>The standard red; berries of large size; bunches short and compact; plant very vigorous and productive.</td>
</tr>
<tr>
<td>LA VERSAILLES</td>
<td>Very similar to Cherry in habit of growth and character of fruit. A very vigorous grower.</td>
</tr>
<tr>
<td>LEE’S PROLIFIC</td>
<td>A black variety of large size and superior quality.</td>
</tr>
<tr>
<td>NORTH STAR</td>
<td>A strong growing red sort; bunches 4 inches long and produced very freely.</td>
</tr>
<tr>
<td>POMONA</td>
<td>Berry of medium size, beautiful appearance and excellent quality. Easily picked and excellent for shipping.</td>
</tr>
<tr>
<td>VICTORIA</td>
<td>A large late red variety. Of finest quality and very productive.</td>
</tr>
<tr>
<td>WHITE GRAPE</td>
<td>The standard white. A most excellent sort.</td>
</tr>
<tr>
<td>WILDER</td>
<td>A new red variety of great merit. The bunch and berries are very large, of a bright, attractive red color, even when dead ripe. They hang on the bushes a long time without dropping and are extra fine for market purposes.</td>
</tr>
</tbody>
</table>
GOOSEBERRIES.

This fruit is so useful for cooking when green or ripe, and may be canned with such facility, that it is beginning to be cultivated very extensively for both home and market use. Plant in good, rich soil and give a liberal mulching of manure each year. In order to obtain fine fruit, prune regularly each year. To prevent mildew, spray bushes as soon as leaves appear and several times during the season with potassium sulphide, one ounce to four gallons of water.

Whinham's Tree. It grows in upright tree form, throwing its branches straight out or upright, holding the mammoth berries far above the ground. The fruit is of immense size, often measuring 1½ to 2 inches in length, a rich deep red in color, in flavor and quality it is unequalled, being entirely free from the coarseness so often found in the smaller sorts. Another and most valuable feature of this splendid berry is its hardiness. It has been thoroughly tested in all sections of America and proven to be perfectly hardy, standing the severe winters of the North without any protection. In addition to this, it is mildew proof, never showing the least sign of Mildew, rot, blight or any other diseases so common to this fruit. It attains a marketable size quite three weeks earlier than any other gooseberry, consequently commands the highest price, and is the heaviest cropping variety in cultivation. 1 year, 20c each, $2.00 per doz., postpaid; $10.00 per 100. 2 years, $2.50 per doz., by express. $15.00 per 100.

COLUMBUS,—A new American seedling of English type. Of large size, oval in form, skin greenish yellow, smooth, of the finest quality. Plant a strong robust grower, with large spines or thorns. Foliage large and glossy. It has never shown a trace of mildew on either fruit or foliage. 1 year, 15c each, $1.50 per doz., postpaid; $8.50 per 100 by express. 2 years, 20c each, $2.50 per doz., postpaid; $12.00 per 100 by express.

Chautauqua. (See cut.) A strong, vigorous, productive variety of recent introduction. Fruit large, light yellow, free from spines and hair, thick skinned, sweet and of exquisite flavor. One of the best sorts ever offered and bound to become very popular when all its good qualities are fully known. 1 year, 20c each, $2.00 per doz., postpaid. 2 years, 25c each, $3.50 per doz.; $20.00 per 100, by express.

BOWING.—An old favorite and one of the best for home or market use. Fruit large, handsome pale green, of finest quality. Plant vigorous and free from mildew. 1 year, 10c each, $1.00 per doz., postpaid; $7.50 per 100. 2 years, 15c each, $1.50 per doz., $8.00 per 100.

HOUGHTON.—Enormously productive. Fruit of medium size, roundish oval, pale red, sweet and tender. 1 year, 10c each, $1.00 per doz., postpaid; $5.00 per 100. 2 years, 15c each, $3.50 per doz., $20.00 per 100, $35.00 per 100 by express.

Keepeace. This is a new English variety, possessing such unusual merit that we are pleased to place it along with such good varieties as Whinham's and Red Jacket. The plants grow in tree form, are dwarf in habit, immensely productive, free from mildew and very hardy. The fruit is very large, straw colored, of excellent flavor, and unequalled for shipping purposes. The bloom is protected by foliage, rendering it a sure cropper. 1 year, 20c each, $2.00 per doz., postpaid. $10.00 per 100. 2 years, 25c each, $3.50 per doz., by express. $15.00 per 100.

Pearl. An exceedingly prolific variety that has been well tested and ranks No. 1 in healthiness, vigor of growth, freedom from mildew and productiveness. Same color as Bowing; seems to possess all the good points of that variety with a little larger fruit and rather more prolific. 1 year, 25c each, $2.50 per doz., postpaid. 2 years, 40c each, $3.00 per doz., by express.

Red Jacket. The fruit is of the largest size, fully as large as Whinham's Tree, of most beautiful and attractive appearance, and of most delicious flavor. The plant and foliage are at all times vigorous, clean, healthy and mildew proof. It has been tested in many sections, under many trying circumstances and has at all times and in all places, proven perfectly hardy and enormously productive. The berries are a bright, showy red, very striking and attractive, and command the highest prices in all markets. It is the gooseberry for the millions and is a formidable rival to its famous English cousin, the Great Whinham's Tree. 1 year, 20c each, $2.00 per doz., postpaid; $8.00 per 100. 2 years, 25c each, $3.00 per doz., $12.00 per 100, by express.
GRAPES.

The grape is the most healthful of all fruits, and the most highly esteemed for its many uses. It can be grown by everyone who has a garden, a yard or a wall. It can be confined to a stake, bound to a trellis, or trained to a wire. It can cover a large tree or building, and still it yields its graceful boughs, and luscious blooming fruit. Capable of most extraordinary results under wise management, it is prone also to give the greatest disappointment under bad culture or neglect. Other fruits may be had from plants that know no care, but grapes are to be had only through attention and foresight.

Plant in rows eight to ten feet apart and eight feet apart in the row. Dig holes sufficiently large to accommodate the roots of the vine and use only fine surface soil in filling in, mixing it with a little ground bone. Cut back one-year vines to two eyes, placing the lower one beneath the surface; cut back two-year vines to three or four eyes, putting two or three eyes below the surface. Sweep up the roots out, after trimming them; place the stock of the vine at one side of the hole and fill up with soil, pressing down firmly with the feet. Keep old wood trimmed off, growing fruit on new ones. Avoid pruning that will admit the sun and run to the fruit. Plant late after the first frost. 

CAMPBELL'S EARLY.

Campbell’s Early. (See Cut.) The king of American grapes. A very strong, vigorous, hardy vine, with thick, mildew-resisting foliage, and perfect, self-fertilizing blossoms. Clusters very large, usually shouldered, compact and handsome; berries large, nearly round, often an inch or more in diameter; black; with light purple bloom. Season very early, ripening from the 15th to last of August. Has remarkable keeping qualities. As a keeper and shipper it is unequalled by any other American grape, while as a dessert fruit it is the height of perfection. 1 year 25c each, postpaid: $1.50 per doz. by express. 2 years 25c each, postpaid: $2.00 per doz. by express.

Niagara. (See Cut.) A most desirable white variety and one that is very extensively grown in all grape sections. It is hardy, vigorous and productive in all sections. The bunches are very large and compact. Berries large, round with thin, tough skin, which does not crack and carries well. The flavor rich, sweet and melting with an aroma peculiarly its own. Ripens with the Concord. 1 year 15c each, postpaid: $1.25 per doz. by express. 2 years 25c each, postpaid: $2.00 per doz. by express.

BRIGHTON—An early ripening sort, which produces large, well formed clusters of red fruit of most excellent quality. Perfectly hardy and ripens early. 1 year 15c each, postpaid: $1.00 per doz. by express. 2 years 25c each, postpaid: $2.50 per doz. by express.

CAMBRIDGE—A seedling of the well known Concord which we introduced several years since. The plant is perfectly hardy, very vigorous; foliage large, clean and healthy; fruit of large size, borne in immense clusters. It ripens 2 or 3 weeks earlier than the Concord, making it valuable for northern localities. It is very productive, with bunches of firm fruit hanging on the stem for a long time, and of an exceedingly fine quality. We believe it to be the best for the millions for either home or market use. 1 year 15c each, postpaid: $1.00 per doz. by express. 2 years 25c each, postpaid: $2.00 per doz. by express.

CATAWBA—Fruit large, round, when fully ripened. Banks a large, early, large, and handsome; berries large; the skin red. Hardy and productive of fruit with a musky and sweet flavor. A most excellent variety for wine. 1 year 15c each, postpaid: $1.00 each per doz. by express. 2 years 25c each, postpaid: $1.50 per doz. by express.

CONCORD—The well known, standard sort which originated in New Jersey, is a hardy vine grown, at all times producing large crop of juicy, large, and healthy black grapes. Hardy and prolific.

GREEN MOUNTAIN. (See Cut on opposite page.) This extra early delicious, grape originated in the mountains of Vermont, has been introduced and is proving to be one of the earliest whites in cultivation. The vine is perfectly hardy, vigorous and productive. It bears fruit in the succeeding year. 1 year 15c each, postpaid: $1.25 per doz. by express. 2 years 25c each, postpaid: $2.00 per doz. by express.
GRAPES, Concluded.

HARTFORD.—A fine, hardy, vigorous, healthy, productive variety. Bunch of large, dark blue, large size, sweet and pulpy, 1 year, 15c each, postpaid: $1.25 per doz., by express. 2 year, 25c each, postpaid: $2.00 per doz., by express.

VES.—A vigorous, healthy, productive variety, succeeding well in all localities. Bunch is long, compact. Berries of medium size, black, touch, thick skin, sweet, pulpy and somewhat foxy. Highly esteemed for wine and a most excellent shipping sort. 1 year, 10c each, postpaid: $0.60 per doz., by express. 2 year, 15c each, postpaid: $1.50 per doz., by express.

JANESVILLE.—A very hardy black variety. A very strong, rank grower and very productive. Bunch and berry of medium size. Desirable in severe climate on account of its extreme hardiness. 1 year, 10c each, $1.00 per doz., postpaid. 2 year, 15c each, postpaid: $1.50 per doz., by express.

SAY.—A well known seedling of the Concord, possessing great vigor and ripening early. Berry large, light yellow, with thin skin, and sweet, rich pulp, should be planted on rich land and given high culture. 1 year, 15c each, postpaid: $1.50 per doz., by express. 2 year, 20c each, postpaid: $3.00 per doz., by express.

WRT.—A most excellent white sort. Vine healthy and hardy, similar to Concord in appearance and habit. Fruits of medium size, thin skin, tender and very sweet, fully equal to Concord in quality and ripening with that variety. 1 year, 15c each, postpaid: $1.25 per doz., by express. 2 year, 25c each, postpaid: $2.00 per doz., by express.

Moore’s Early. (See cut on opposite page.) A seedling of the Worden, fully as large, compact, black with blue bloom. Berries mammoth size, usually three or more in circumference, extra fine quality. Has now been tested in nearly all grape-growing sections and easily takes first rank as the very best large grape, rivaling Black Hamburg in size and quality, as easily grown as Concord or Worden. 1 year, 25c each, postpaid: $2.00 per doz., by express. 2 year, 35c each, postpaid: $3.50 per doz., by express.

Green Mountain. (Moore’s.) (See cut.) Valuable for all sections of the United States, as it is of healthy habit and perfectly hardy. The berries are extra large, of a creamy white color and of the richest and most delicious flavor. Withstands mildew and diseases, and is a sure cropper in every locality. 1 year, 20c each, postpaid: $1.50 per doz., by express. 2 year, 35c each, postpaid: $2.00 per doz., by express.

WILD.—A popular market sort. Berries large, black, with thin, firm skin, sweet flesh and pleasant flavor. Ripes with Concord and is an excellent keeper. 1 year, 10c each, postpaid: $1.00 per doz., by express. 2 years, 15c each, postpaid: $2.25 per doz., by express.

WILDER.—An extra large, black, very firm, coarse-keeled. The berries are solid, well colored, well filled and uniform. 1 year, 10c each, $1.00 per doz., by express. 2 years, 15c each, postpaid: $2.25 per doz., by express.

GARDEN ROOTS.

No kitchen garden is complete without its supply of these desirable, which are easily grown, require but little or no care after planting, are very productive, appetizing and healthful. Nothing pays better for marketing as the demand is constant and they always sell readily.

Desirable Asparagus Roots.

1 year old roots 25c per doz., postpaid: $1.00 per 100 by express or freight. $6.00 per 1000. 2 year old roots. 35c per doz., postpaid: $1.50 per 100, by express: $10.00 per 1000.

BARR’S MAIMOTH.—Quick growing, large and tender. 
BARR’S MAMMOTH.—A handsome, large, white variety of unsurpassed quality.

HOLT’S COLOSSAL.—A standard variety of large size, tender and of most excellent quality.

MOORE’S EARLY. 

These are readily grown from sets or cuttings. 25c per doz., postpaid: $1.50 per 100, by express.

Rhubarb. (Pie Plant.)

Easily grown and most excellent for pies and sauce. 1 year old, 10c each, postpaid: $1.00 per 100, by express. 2 years, 20c each, postpaid: $1.50 per 100, by express. $8.00 per 1000.

Sage.

HOLT’S MAMMOTH.—Plants of strong growth. Leaves very large, horse well above the ground, are of unusual substance, strong flavor and superior quality. 10c each, $1.00 per doz., postpaid.

ASPARAGUS, BARR’S MAMMOTH.
ORNAMENTAL TREE DEPARTMENT.

What and how to plant must, in a great degree, be determined by each one for himself, but we would advise to plant a variety of hardy, well tested sorts, and although we entitle this department "Ornamental," esteem it to combine the useful with the ornamental in great measure. Wind-breaks of trees, especially if they are evergreen, make the dwelling house warmer, give comfort to the inmates and diminish to some extent the consumption of fuel; they make the outbuildings warmer for stock by night, and yard by day, not only making the dumb animals comfortable, but greatly saving a large amount of fuel. Keep shrubs and treesmulched for the first two seasons after planting, ornamentals are well established, and then let them manage for themselves. Drink the grass frivolous, and topdress with fine manure every fall and winter.

Many of our most active business men are also men of taste, and would be pleased to have a table of information regarding ornamental planting. They are acquainted with business that they have neither the time nor disposition to find out what they want, or to lay out their grounds. Where such is the case, we cheerfully acknowledge experience and knowledge at their command, and willingly furnish plans and estimates for large or small places.

Birch, a deciduous tree may be transplanted any time after the leaves fall in autumn and before they start in spring, provided the ground is not frozen. The various uses to which the different sorts of trees have been found apply to birch. The information may be helpful to those who want to form wind breaks. All our trees are grown under a thorough, clean system of cultivation, frequently transplanted and are well supplied with live stock, and all are capable of being taken to bear transplanting well. Do not be deceived into planting false growing trees, for disappointment follows. In every 100 of maple varieties, we have less than 10 failures, and these are not quoted herein. Prices of those will be cheerfully given on application.

All mail order trees are sent post paid. All others by express or freight at purchaser's expense.

PAPER BIRCH.

A. Indicates trees which will attain the largest size, 50 to 70 feet upwards.
B. Indicates those growing 25 to 50 feet high and upwards.
C. Indicates those which grow from 10 to 25 feet and upwards.
D. Denotes the smaller sizes growing from 1 to 10 feet and upwards.

ASH, AMERICAN WHITE—A] A valuable native variety of vigorous, rapid growth, triangular, taper pointed leaves and attractive white bark. A very handsome variety, one that is sure to please, 3 to 4 feet, each, $2.50; to 5 feet, each, $3.00; to 6 feet, each, $5.00.

BIRCH, AMERICAN WHITE—B] A distinct native species of vigorous rapid growth, triangular, taper pointed leaves and attractive white bark. A very handsome variety, one that is sure to please, 3 to 4 feet, each, $2.50; to 5 feet, each, $3.00; to 6 feet, each, $5.00.

Birch, Paper or Canoe. (A.) (See Cut.) This variety in cultivation when young the bark is a dull brown, which gradual changes as the tree grows older to a pure white, silvery white, renders it one of the most beautiful of the deciduous trees, and is most desirable. It is very beautiful in bloom, forming a perfect star of flowers and buds.

It has never been extensively cultivated in this country, and it is desirable that the nurseries should do more to introduce it. It is a most vigorous grower, with large leaves, and a very hardy tree.

Catalpa, Speciosa. (B.) (See Cut.) This hardy native variety is one of the finest for shade and ornament in our entire list. The leaves are large, heart-shaped, beautifully ribbed, never subject to the attacks of insects, and at all times, very fine and beautiful. The flowers which appear in June in large pyramid-like clusters, are white and purple, fragrant, very attractive and remain on the tree a long time. The leaves are succeeded by long, slender, pecan-shaped seed pods, which hang on till severe frosts. The tree is a most rapid grower and the wood when sawed is very much desirable, rendering it good value for boards, posts, rails, etc. The foliage is very dense, providing plenty of shade, and the spreading habit of the tree and its adaptability to all climates, soils and conditions, make it a most valuable tree for the hardiest of the northern states.

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Hackberry. (B) (See Cut.) A very handsome native tree, of easy, rapid growth and great vigor, which bears large clusters of showy fruit. The foliage is very dense, forming excellent shade. It is perfectly adapted for park and street planting, and is perfectly hardy everywhere and should be planted extensively. It is particularly free from the attacks of insects. Half size, 10c each, 3 to 4 feet, 30c each, $1.00 per doz. by express; 4 to 5 feet, 40c each, $2.00 per doz. by express; 5 to 8 feet, 60c each, $5.00 per doz. by express.

Horse Chestnut. White flowering. (A) Handsome, hardy, and extra large, with round, dense head, handsome dark green foliage, and an abundance of showy flowers in early spring, which are followed by large clusters of showy fruit. For lawn, street, boulevard and park planting, this is certainly one of the finest trees we are acquainted with. While it has not been generally planted in the West and North, it appears to be perfectly at home here, growing vigorously and standing our winters without the least injury. Half size, 10c each, postpaid, 6 to 8 feet, 75c each, $1.00 per dozen.

Horse Chestnut—Red Flowering. (C) Similar to the Common White except in color, which is a bright showy red, and blossoms later. The tree is not as vigorous a grower as the white. 4 to 5 feet, 75c each. 5 to 8 feet, 95c each.

Horse Chestnut—Double White. Very desirable for ornamental planting. Showy white blossoms in larger panicles than the common sort. It is of vigorous growth, forming fine pyramidal shaped heads. It produces no fruit, and on this account is preferred to the common variety. 6 to 8 feet, 75c each.

ORNAMENTAL TREES

ORNABEAM—(Water Beech.) (B) A native species growing from 15 to 20 feet high. Similar in growth to the Beech, but the foliage is thinner and more regular in form. It makes an excellent ornamental and useful hedge. Half size, 1c each, $1.00 per doz., postpaid. Full size, 4 feet, 25c each, $1.50 per 100 by express; 5 to 6 feet, 50c each, $3.00 per doz. by express; 7 to 8 feet, 75c each, $7.50 per doz. by express.

ARCH, EUROPEAN—(A) An excellent, rapid growing, pyramidal aep tree, with drooping slender branches and bright green needle-shaped foliage, like the spruce or hemlock foliage, which is soft and beautiful. It makes valuable lumber, and is perfectly hardy in nearly all situations, and makes handsome ornamental plants. Half size, 10c each, postpaid. Full size, 4 feet, 40c each, postpaid.

INDEN, AMERICAN—Basswood. (A) Perfectly hardy everywhere, and more vigorous in growth and size than the American species, while the growth is more even and symmetrical, forming large, pyramidal shaped heads of rare grace and beauty. The leaf is larger than the American species, while the growth is characterized by the same vigor and hardiness. On account of its regular, symmetrical form and magnificent proportions this tree should always be planted singly, otherwise its red worth and beauty are not appreciated. As specimens on the lawn, on large lots or for street or avenue planting it has no superior. Half size, 10c each, $1.00 per doz., postpaid. Full size, 40c each, $2.00 per doz.; 5 to 7 feet, 50c each, $3.00 per doz.; 6 to 8 feet, 75c each, $4.00 per doz.; 8 to 10 feet, 1.00 each, $5.00 per doz. 12 to 15 feet, 2.00 each, $10.00 per doz.

LOCUST—Black or Yellow. (B) A native, rapid growing, tree, of large size and handsome appearance. The wood is valuable for posts and lumber, and the tree, especially when in bloom, is very ornamental. The flowers are white and yellow, very fragrant, and bear fine, pendulous racemes in June. A capital tree for roadside and park planting as well as for groves and timber tracts. 5 to 6 feet, 40c each, $1.00 per doz.; 6 to 8 feet, 40c each, $2.00 per doz.; 8 to 10 feet, 60c each, $5.00 per doz.

LOCUST, VISCOSA—(B) Similar to the above except in the flowers, which are of a delicate rose color. A very showy ornamental. Half size, 10c each, postpaid, 2 to 3 feet, 25c each, $2.50 per doz. by express.

Do not be misled into planting forest grown trees. They have but few roots, have never been transplanted, and being in the shade are but poorly fitted to grow in the open, even under the most favorable circumstances.
MAPLES.

For general shade and ornamental purposes the Maples are more generally planted than any other trees. They are regular in outline, beautiful in foliage, vigorous growers, free from all diseases and adapted to all soils. By skilled pruning and culture our Maples are trained into straight, stocky trees, not easily injured by high winds or ordinary street abuses. The Soft or Silver Maple is the most rapid growing, but for beauty and hardiness no other can surpass the Norway and Sugar. We wish to again warn our customers not to be misled into planting Forest Green. Trees. They not only do not have the greatest essential—a mass of small fibrous roots—produced only by transplanting and cultivation, but they are not pruned and shaped properly, and being grown in cool, shady locations not fitted to withstand the drought and heat of the open.

Ash Leaf. (Manitoba). (Box Elder). A very desirable tree for street planting, as it stands transplanting well and grows so rapidly as to produce considerable shade within a very short time. It is much used in the West and Northwest for accounting for the village and city. It forms a large, straight, upright trunk, and is very hardy. The crowns are dense and intense cold and is worth of more general planting everywhere. Attains a height of about 30 feet of round, globular shape; bark greenish yellow on young wood; succeeds in all the great variety of soils. Postpaid; 30 feet, 2c each, $2.00 per doz.; 4 to 5 feet, 25c each, $2.50 per doz.; 5 to 6 feet, 30c each, $3.00 per doz.; 6 to 7 feet, 35c each, $3.50 per doz.; 8 to 10 feet, 50c each, $5.00 per doz.

Norway. (A). Among the many beautiful trees of foreign origin, which have entered into our American soil, but few exposses this grand variety from Europe. It is a sturdy, symmetrical grower, forming broad, spreading, rounded heads, at all times beautiful in growth and supplying an abundance of shade. The leaves are large, broad, deep green, handing to the limbs much longer than other sorts. It is deep rooted and the branches are so compact and sturdy that the wind never breaks them. It can be said in a great variety of places but its greatest value is for street planting, where its beauty and worth are shown to best advantage. Mail size 10c each, $1.00 per doz.; 15c each, $1.25 per doz. by express; 20c each, $1.50 per doz.; 25c each, $1.75 per doz. by express; 30c each, $2.00 per doz.; 35c each, $2.25 per doz. by express; 50c each, $3.00 per doz.; 75c each, $4.00 per doz.; $2.50 per doz.; 100c each, $5.00 per doz.; 125c each, $6.00 per doz.; 150c each, $7.50 per doz. SUGAR OR SOFT. (A). Of most rigid growth, great hardiness and wide adaptability to all soils and all locations. Mail size 10c each, 75c per doz.; 15c each, 1.00 per doz.; 20c each, 1.25 per doz.; 25c each, 1.50 per doz.; 35c each, 2.00 per doz.; 50c each, 2.50 per doz.; 75c each, 3.00 per doz.; 100c each, 5.00 per doz.; 150c each, 7.50 per doz. by express.

SIBERIAN. (B). A distinctive and attractive tree of dwarf growth, round head and handsome appearance at all ages. Leaves small and finely cut, giving it a beautiful effect. Mail size, 10c each, $1.00 postpaid; 15c each, $1.25 postpaid; 20c each, $1.50 postpaid; 25c each, $1.75 postpaid. MAGNOLIA ACUTINATA. (A). (Cucumber Tree). A beautiful, pyramidal growing native tree, attaining a height of 60 to 70 feet. Mail size, 10c each, 75c per doz.; 15c each, 1.00 per doz.; 20c each, 1.25 per doz.; 25c each, 1.50 per doz.; 35c each, 2.00 per doz.; 50c each, 2.50 per doz.; 75c each, 3.00 per doz.; 100c each, 5.00 per doz.; 150c each, 7.50 per doz. postpaid; 200c each, 10.00 per doz. postpaid. MOUNTAIN ASH. AMERICAN. (A). A native tree of fine graceful habit, perfect hardiness and great beauty. The white flowers in spring, deep green, healthy to the touch, and are succeeded by the red berries which hang on until winter. Mail size, 10c each, $0.50 per doz.; 15c each, $0.75 per doz.; 20c each, $1.00 per doz.; 25c each, $1.25 per doz.; 35c each, $1.75 per doz.; 50c each, $2.50 per doz.; 75c each, $3.75 per doz.; 100c each, $5.00 per doz. by express.

Mountain Ash, European. (B). The European variety is of more compact and even growth than the American and makes a more attractive lawn tree. The stem is smooth and erect, the branches round and compact, covered in spring with showy white flowers, tinted blue in bud, which are succeeded by a large number of clusters of handsome red berries, which are very attractive and much admired. Mail size, 10c each, 75c per doz.; 15c each, 1.00 per doz.; 20c each, 1.25 per doz.; 25c each, 1.50 per doz.; 35c each, 2.00 per doz.; 50c each, 2.50 per doz.; 75c each, 3.00 per doz.; 100c each, 5.00 per doz.; 150c each, 7.50 per doz.

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Mountain Ash OAK LEAF. (B). A handsome tree, erect, compact growth, forming heads from 20 to 25 inches in width and the same in height. The foliage very deeply lobed resembling the oak. This is a magnificent lawn tree, and being perfectly hardy should be planted extensively. Mail size, 15c each, $1.00 per doz.; 15 to 18 inches, 25c each, $2.50 per doz.; 30 to 35 inches, 35c each, $3.50 per doz.; 40 to 45 inches, 45c each, $4.50 per doz.; 50 to 60 inches, 55c each, $5.50 per doz.
OAKS.

OAK, PURPLE. (C.) A magnificent variety with dark purple leaves, which retain their beautiful tints the entire season. \textit{Mail size}, 15c each, \$1.50 per doz., postpaid.

OAK, SCARLET. (B.) A native tree of rapid growth, tall pyramidal outline and especially handsome in autumn when its foliage changes to a bright scarlet. \textit{Mail size}, 15c each, \$1.50 per doz., postpaid.

POPLARS.

As a class the Poplars grow rapidly, cost but little and soon form handsome, attractive trees. For lawn, shade, for groups or hedges to screen disagreeable views, for planting in the sand of seaside resorts, and for street planting on rich, moist soil they are always satisfactory.

BALSAM. (Balm of Balsam.) (B.) A native species of remarkably rapid growth, producing large glossy green leaves in great luxuriance. Has a peculiar odor, from which arises its name. \textit{Height}, 4 to 6 feet, 25c each, \$2.50 per doz., by express.

\textbf{CAROLINA.} (B.) The largest, most symmetrical, finest and best Poplar for general planting. A most rapid, vigorous grower, pyramidal in form with large glossy leaves. It grows very rapidly soon forming large trees. If properly cut back and trimmed it forms a fine spreading head. It thrives everywhere, is not affected by severe gas, smoke, ashes or salt water. We recommend it very strongly for park and street planting. Planted alternately with Elms, Norway Maples and other hard-wooded trees they soon grow into large trees supplying an abundance of shade. After the other trees become large the Poplars can be cut out. This is rapidly becoming the most popular tree for general planting in the West and Northwest. \textit{Height}, 4 to 5 feet, 25c each, \$2.50 per doz., \$8.00 per 100, \$40 per doz., \$2.00 per 100, \$75.00 per 100, by express; 6 to 8 feet, 40c each, \$4.00 per doz., \$3.00 per 100, \$60.00 per 100, \$1.50 per 250, by express; 10 to 12 feet, 75c each, \$7.50 per doz., \$65.00 per 100, by express.

\textbf{GOLDEN LEAF.} (B.) One of the most attractive trees in cultivation. The foliage has a very decided golden tint, which retains throughout the entire season. \textit{Height}, 4 to 5 feet, 25c each, \$2.50 per doz., \$8.00 per 100, by express; 6 to 8 feet, 40c each, \$4.00 per doz., \$3.00 per 100, \$75.00 per 100, by express; 10 to 12 feet, 75c each, \$7.50 per doz., \$65.00 per 100, by express.

\textbf{THORN PAUL'S DOUBLE SCARLET.} (C.) A dwarf growing tree or shrub which produces large masses of very mellow, medium sized, scarlet blossoms in large clusters of drooping and drooping single flowers. \textit{Height}, 2 to 3 feet, 25c each, \$2.50 per doz., \$1.50 per 250, by express.

\textbf{THORN. DOUBLE WHITE.} (C.) Produces a great abundance of small double white blossoms. \textit{Height}, 2 to 3 feet, 25c each, \$2.50 per doz., \$1.50 per 250, by express.

\textbf{TULIP TREE.} (White.) (A.) A magnificent native tree of rapid, tall and pyramidal growth. The leaves are large, broad, fiddle-shaped, and glossy. It produces large, tulip shaped blossoms of pale yellow and rich orange. It is allied to the Magnolias and almost as showy in color. They are \textit{Height}, 25c each, \$1.00 per doz., postpaid; 50 to 60 inches, 25c each, \$2.50 per doz., by express.

\textbf{CAPREA.} (Oat Sail.) (B.) This grows to a good size, has finely cut leaves, forming rather bushy tops. When properly trained it is one of the prettiest of the small trees. \textit{Height}, 4 to 5 feet, 25c each, \$2.50 per doz., \$1.50 per 250, by express.

\textbf{LAUREL LEAF.} (B.) One of the finest in the entire list. The leaves are broad, dark green, very glossy, so that sunlight renders it the most conspicuous of green trees. The bark is bright green in winter. It can be clipped to any desired form like the bay tree, and when properly trained is not inferior to the holly. It is suitable for narrow streets and seaside plantings, for hedges and ornamental screens, for trained specimens on the lawn and for many other locations. This rapid growing variety is unsurpassed. The foliage is always clean and not attacked by insects. \textit{Height}, 8 to 10 feet, 40c each, \$4.00 per doz., by express; 6 to 8 feet, 75c each, \$7.50 per doz., by express.

\textbf{PETZOLDI.} (B.) Another charming variety, of rapid growth and clean, healthy habit. Particularly desirable for water front plantings and hedges. \textit{Height}, 6 to 8 feet, 40c each, \$4.00 per doz., by express.

\textbf{The Hartman Tree Guard.}

Made of heavy steel rods galvanized. They are light and graceful in appearance, making a beautiful ornament to the grounds. Will not conceal the foliage or shade the tree from the sun, will not harbor insects and will allow cultivation of the ground. Take but a moment to erect and are easily moved from place to place. The spiral wire coils for attaching this guard to the tree are elastic and expand freely with growth of the trunk. They also prevent any friction or chafing of the tree against the guard during storms or high winds. It is absolutely a heavy wrought iron guard, metal in appearance and cost much less, 5 feet, 6 inches high. \$1.25 each, \$12.50 per dozen.

\textbf{Hawkeye Tree Protectors.}

For young trees, described on page 110, 30c each, \$2.00 per 100.

\textbf{NAPLE, ASH LEAF.} (See Page 96.)
WEPPING OR DROPPING TREES.

Much attention is now given to this interesting class of trees, and we therefore place them separately for the greater convenience of our friends. For practical use and enjoyment with their habits, we would say that they should be divided into two separate classes, namely, those which are drooping when young and those which are drooping, as in the case of the Camperdown Elm, and those having long, slender branches which droop naturally, like the Cut Leaf Birch; the first that conspicuous, umbrella-like form so well known, and so excellently adapted for planting in cemeteries, small hard-landed places, where they can have sufficient room. In all the branches in motion or at rest, are so graceful to the eye that among ornamental shrubbbery they have few if any superiors.

Birch, Cut Leaf. (A.) This is one of the most beautiful and desirable trees for the lawn ever introduced. The branches are of a graceful, drooping habit, with foliage delicately cut and very fine. The bark is silvery white, forming a beautiful contrast with the foliage. It makes a rapid growth, and is perfectly hardy in all sections of the country. Mr. Scott, in his "Suburban Homes," says of it:—"No engraving can do justice, like the drooping trees of the tropics. It must be seen in motion, swaying in the lightest breeze, its leaves trembling in the heated summer air, its white bark glistening through the bright foliage and sparkling in the sun, to enable us to form a true impression of its character.

SIZE. 3 to 4 feet, 75c each, $1.00 per doz., by express; 3 to 5 feet, 75c each, 50c per doz., by express; 5 to 6 feet, $1.00 each, $1.50 per doz., by express; 6 to 8 feet, $1.50 each, $2.50 per doz., by express; 8 to 10 feet, $2.00 each, $4.00 per doz., by express; 10 to 12 feet, $2.50 each, $5.00 per doz., by express; 12 to 15 feet, $3.00 each, $6.00 per doz., by express.

Camperdown Elm. (C.) One of the most graceful of all weeping trees, having large, luxuriant and deep green foliage; well adapted for planting on lawns and covering arcades; very vigorous, a rapid grower. Very hardy and well adapted for all sections. Our stock has been grown from buds of our own growing, grafted on Minnesota seedling stocks, thus insuring its hardiness. We have a fine stock of this most useful tree and trust that all of our friends who really want something choice will order one of these.

Willow, Camperdown. One of the finest weeping willows, having very gracefully drooping foliage; capable of being planted for ornamental purposes in any line of trees, and especially adapted to all ornamental gardens. The large, drooping foliage, which appears very early in the season, is very decorative. 4 to 6 feet, 25c each, $1.00 per doz.; 6 to 8 feet, 50c each, $5.00 per doz., by express.

Willow, Golden Weeping. For winter effect this is one of the showiest trees in our nursery collection. It becomes more intense as the leaves disappear and remain so throughout the winter. The branches are of graceful drooping habit, forming a large rounded head of slender leaves during the winter, and rapid growth and hardy nature, succeeding well everywhere. 8 to 10 feet, strong trees, $5.00 each, by express.

Willow, Kilnarnock. A distinct variety, having reddish shoots and large, glossy leaves, of a peculiar form, which, for five feet from the ground, it makes a very desirable small tree, having a perfect collection of ornamental shrubbbery. Hardy and of vigorous growth. Strong, 2 year old heads, $1.00 each; strong 3 year old heads, 75c each, by express.

ADDITIONAL EVERGREENS.

Spruce, Douglassi. Another handsome variety from the mountains of Colorado. Grows in conical form, to a large size, and makes a beautiful specimen. Our stock, 7 to 8 feet, light green above, glaucous below. 8 to 10 inches, 25c each, postpaid, 12, 1015 inches, 30c; 15 to 18 inches, 50c, 2 to 3 feet, $1.50, by express.

Spruce, Henlock. Our most graceful native Evergreen, and one which we are especially pleased with. It has a graceful outline, and the finest, lightest color, and very desirable size. 8 to 12 inches, 40c each, $4.00 per doz., by express.

Space, Black Hills. A native sort of extreme hardiness, rapid growth and most beautiful foliage. 8 to 12 inches, 15c each, $1.50 doz., postpaid.

Red Cedar. (See page 99.) This attractive native tree possesses many points of merit and is so handsome that we place it in the foremost line of American Evergreens. For hedges, ornamental or useful, for windbreaks, for specimen trees on the lawn, in groups, in neglected nooks and corners, it grows with the same vigour and rapidity, forming dense pyramidal shaped heads of rare grace and beauty. 12 to 24 inches, 30c each, $2.00 per doz.; 6 to 18 inches, 50c each, $3.00 per doz., 50c doz., $6.00 per doz., by express.

AM. ARBOR VITÆ. (See page 99.)
EVERGREENS.

The trees which we offer here are all nursery grown, transplanted stock, intransplanted never allow the roots to be exposed to the sun for a single moment. A sprinkling of straw or leaves will be found very beneficial, especially in dry seasons. Allow them to branch freely near the ground. This prevents the soil from drying and adds to the beauty and effectiveness of the tree.

Arbor Vitae, American. (See Cut on page 98.) All things considered this is the most popular of all the American evergreen specimens on the market, and a very useful tree for lawns and cemeteries. The foliage is light green above and darker green below, retains its color throughout the severest winters, grows rapidly, and is very beautiful.

PINE, SCOTCH—A most beautiful variety, similar to the American in character of growth, with strong, erect shoots and silvery needles. 8 to 12 inches, $1.50 per doz. postpaid; 12 to 18 inches, 25 cents each, $2.50 per doz. postpaid; 18 to 24 inches, 98 cents each, $3.50 per doz. postpaid.

PINE, WHITE—One of the finest and most beautiful of all our native Pines, also one of the longest lived and most generally valuable. It grows naturally into beautiful specimen trees, makes a fine back ground and shelter belt for lawns, and is a valuable timber tree, even on the poorest soils. The needles are long, silvery and by day in effect. 8 to 12 inches, 75 cents each, $1.50 per doz. postpaid; 12 to 18 inches, 35 cents each, $2.50 per doz. postpaid; 18 to 24 inches, 35 cents each, $2.50 per doz. postpaid.

RETINOSPORA PLUMOSA—A small Evergreen from Japan, of great beauty, useful for bedding or grouping, either alone or with other evergreens, or for specimens on even the smallest lawns and for winter decoration in pots and tubs. The foliage is light green and feathery. 10 to 12 inches, 75 cents each postpaid.

Spruce, Colorado Blue. evergreens of this variety easily take first place. The foliage is a rich, azure blue, unlike that of any other variety, very distinct and attractive at all times. Even the young shoots assume the characteristic tint of the older growth. In summer’s heat or winter’s cold, in sunshine or in rain, the rich blue tinge envelops the tree in a halo of beauty, unlike that of any other plant, tree or shrub. It is a native of the Rocky Mountains, where it flourishes high up among the everlasting snows, and neither the heat nor the cold prevails. It is very healthy and easy to grow, and with its large pendent cones it is an object exceedingly picturesque and beautiful. It is tolerably popular and with the American Arbor Vitae is more largely planted than any other variety. Fine for specimen trees and one of the best for hedges and wind breaks. 8 to 12 inches, 75 cents each, $1.00 per doz. postpaid; 12 to 18 inches, 35 cents each, $2.00 per doz. postpaid. 

Norway Spruce. One of the handsomest of evergreens; when young the tree is remarkably rich and luxuriant; as it grows older, its branches droop with a fine graceful curl or sweep, some specimens, however, grow more upright, and when covered with its large pendant cones it is an object exceedingly picturesque and beautiful. It is very popular and with the American Arbor Vitae is more largely planted than any other variety. Fine for specimen trees and one of the best for hedges and wind breaks. 8 to 12 inches, 75 cents each, $1.50 per doz. postpaid; 18 to 24 inches, 30 cents each, $3.00 per doz. postpaid. 

(For additional Evergreens see page 98.)

COLORADO BLUE SPRUCE.

PINE, SCOTCH—A most beautiful variety, similar to the American in character of growth, with strong, erect shoots and silvery needles. 8 to 12 inches, 75 cents each, $1.50 per doz. postpaid; 12 to 18 inches, 25 cents each, $2.50 per doz. postpaid; 18 to 24 inches, 25 cents each, $3.50 per doz. postpaid; 24 to 30 inches, 18 cents each, $5.00 per doz. postpaid.

PINE, WHITE—One of the finest and most beautiful of all our native Pines, also one of the longest lived and most generally valuable. It grows naturally into beautiful specimen trees, makes a fine back ground and shelter belt for lawns, and is a valuable timber tree, even on the poorest soils. The needles are long, silvery and by day in effect. 8 to 12 inches, 75 cents each, $1.50 per doz. postpaid; 12 to 18 inches, 35 cents each, $2.50 per doz. postpaid; 18 to 24 inches, 35 cents each, $2.50 per doz. postpaid; 24 to 30 inches, 35 cents each, $2.50 per doz. postpaid.

RETINOSPORA PLUMOSA—A small Evergreen from Japan, of great beauty, useful for bedding or grouping, either alone or with other evergreens, or for specimens on even the smallest lawns and for winter decoration in pots and tubs. The foliage is light green and feathery. 10 to 12 inches, 75 cents each postpaid.

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(For additional Evergreens see page 98.)
A well kept Buckthorn Hedge.

**HEDGES.**

The idea of planting hedges for use and ornament, and screens for the protection of orchards, farms and gardens, is a practical one, and rapidly increasing in favor.

They serve not only as protection against the fierce winds, but there is much less trouble from the blowing off of the fruit. Some writers tell us that the temperature is warmer in the vicinity of evergreens. However this may be, we know that our gardens are earlier and our fruits ripen better when protected by such screens. Nothing can be more beautiful than ornamental Hedges, if well kept and pruned to serve as a boundary line between neighbors, or as divisions between the lawn and garden, or to hide unsightly places. By using medium sized plants a hedge can be made as cheaply as a good board fence can be built, and then with a little care, it is becoming every year more and more a thing of beauty. We all know that such hedges constitute a principal attraction in our best kept places.

To secure a good hedge it is necessary to plant well. Dig a deep, wide trench, and work the soil thoroughly about the roots. Press the ground firmly, and much heavier for a distance of two or more feet on either side, according to the size of the plants. This is especially necessary with evergreens, and all exposure of the roots to the sun and wind.

**Deciduous Hedge Plants.**

BERBERY, PURPLE—This rare and beautiful plant is particularly adapted for ornamental divisions of city lots, or wherever a hardy, beautiful, showy hedge is wanted. The foliage is a deep violet purple, always clean and healthy. The fruit is of the same shade of color, the two forming a most striking combination. The plant is dwarf and stocky. $1 to 10 inches, $2.00 per 100; 12 to 15 inches, $3.00 per 100.

BUCKTHORN—After a thorough test of all varieties listed here as well as many others, we consider this the best and hardiest for the North-west. It stands our cold winters without a particle of injury, commence its growth very early in spring, retains its foliage late in autumn, forms a compact dense hedge, which will turn all kinds of cattle and swine, is never killed by drought, and succeeds well in any and all sections. Foliage is dark green; blossoms small, white, followed by small, black fruit. $1 to 10 inches, $3.00 per 100, $15.00 per 1,000; 12 to 18 inches, $4.50 per 100, $25.00 per 1,000.

CAMELAGANA, ARBORESCENS—(Siberian Pea Tree.) This is a hardy variety from Northern Russia, now being extensively planted in Montana and Dakota. The foliage resembles the Locust, the leaflet terminating in a short sharp point. The blossoms appearing the last of May are a bright yellow, very showy and attractive. It is perfectly hardy everywhere, thrives in the poorest soils and, if properly trimmed, soon forms an impenetrable hedge. 6 to 8 inches, $3.00 per 100; 8 to 10 inches, $4.00 per 100.

CITRUS TRIFOLIATA—(Hardy Lemon.) Valuable for a defensive hedge as well as for ornament. Perfectly hardy in the Middle and Southern States and most beautiful everywhere. It is a most rapid grower and forms a thick, heavy hedge in 3 years from planting. It has dark, glossy green foliage and is thickly studded with stout thorns. In spring it is thickly covered with myriads of white, sweet-scented blossoms, which are followed by showy fruit. $5.00 per 100.

HONEY LOCUST—In many sections of the North this is still considered the best. It is of vigorous growth, perfectly hardy, thrives with ordinary care and on account of its thorny nature, is well adapted for farm planting. 12 to 15 inches, $2.00 per 100, 15 to 24 inches, $8.00 per 100.

JAPAN QUINCE—The foliage is bright, glossy green, retaining its color throughout the summer. The flowers which are borne in the greatest profusion are brilliant crimson, very showy and attractive, and are produced before the leaves appear in spring. 12 to 18 inches, $6.00 per 100, 15 to 24 inches, $8.00 per 100.

OSAGE ORANGE—Highly esteemed in many parts of the West and South. A handsome variety, but not hardy in the Northwest.

PRIVET, COMMON—One of the very finest plants for ornamental hedges, it makes a rapid growth, has bright clean foliage, and is easily trained and shaped for. In early summer it produces tiny white blossoms. 12 to 18 inches, $3.00 per 100, $20.00 per 1,000.

PRIVET, CALIFORNIA—A recent introduction that has met with great favor wherever planted. It makes a very rapid growth, has shining, dark green leaves, which it retains until late in the fall. In the autumn the top is a mass of golden colored flowers, very striking and beautiful. The root is very hardy. The tops should be severely pruned each season, the new growth being stronger and denser with each succeeding year. 12 to 18 inches, $3.00 per 100, $25.00 per 1,000.

RUSSIAN OLIVE—A native of the Northwestern plains. The foliage is a very white, the flowers small, yellowish, produced very abundantly. Perfectly hardy, and resists drought and heat in a remarkable degree. By cutting back each season, it forms a very compact, dense hedge of most beautiful appearance. 12 to 15 inches, $5.00 per 100, $40.00 per 1,000; 18 to 24 inches, $8.00 per 100.

**Evergreen Hedge Plants.**

AMERICAN ARBOR VITAE—8 to 10 inches, $4.00 per 100.

AUSTRIAN PINE—6 to 10 inches, $5.00 per 100.

SCOTCH PINE—6 to 10 inches, $6.00 per 100.

DOUGLAS SPRUCE—8 to 10 inches, $5.00 per 100.

NOWAY SPRUCE—8 to 10 inches, $4.00 per 100.

HEMLOCK SPRUCE—8 to 10 inches, $4.00 per 100.

RED CEDAR—8 to 10 inches, $4.00 per 100.

**Forest Tree Seedlings.**

These are all cultivated, nursery grown stock, with good roots and are far superior to many of the seedlings pulled from forests and river bottoms by those who cut them by hand. They are to be ordered for planting in the fall. They are sold at half price. If ordered before May 1st, they are sent by express or freight at purchaser's expense.

*Box Elder—$1.50 per 100, $15.00 per 1,000.*

*Box Elder—$1.00 to 10 inches, 50c per 100, $1.00 per 1,000.*

*Cottonwood—$1.00 per 100, $10.00 per 1,000.*

*Catalpa Speciosa—First size, $2.00 per 100, $15.00 per 1,000. Extra large, $5.00 per 100, $50.00 per 1,000.*

*Elm American—$1.00 per 100, $15.00 per 1,000.*

*Maple, Soft—$1.00 per 100, $10.00 per 1,000.*

*Mulberry Russian—$1.25 per 100, $12.50 per 1,000.*

*White Ash—$1.00 per 100, $10.00 per 1,000.*
FLOWERING AND ORNAMENTAL SHRUBS.

The beauty of a modern home does not depend so much on stateliy columns, skill of architecture and decorated walls as on the surroundings. The humblest cottage sometimes surpasses in real beauty the stately palaces of the millionaire, because it is embellished with nature's own beauty, in trees and shrubs, clambering vines and graceful flowers. In the proper adornment of a home there is nothing to surpass in beauty the flowering shrubs and ornamental plants, climbing vines, etc., which give finishing touches to all artificial embellishment. The list which we offer is the cream of the entire line for flowers and shrubs. We have selected the very best of the flowering shrubs to best advantage when planted in groups of a dozen or more. They may also be planted to ornament a veranda and by a judicious selection of varieties a succession of bloom is afforded all summer. In laying out new grounds, shrubs should be used extensively, as they make a beautiful display the first season. All mail size stock will be sent postpaid at price quoted, all others by express or freight, at purchaser's expense. Dozen price to times single price.

Almonds. Beautiful, dwarf growing shrubs which blossom very early before the leaves appear in spring. 2 to 3 feet, 50c each.

DOUBLE Althea. (See cut.) These are fine, hardy, free-growing and free-flowering shrubs, which bloom from August till October. A few other plants are in flower. They attain a height of 6 to 10 feet and are very attractive when in full bloom. Mail size 25c, 18 to 24 inches, 50c.

DOUBLE PINK.—Handsome, bright pink blossoms.

DOUBLE ORANGE.—A bright orange color, very distinct and handsome.

DOUBLE PURPLE.—A true variegated leaf. This variety has very distinct, ornamental foliage. The leaves are variegated green and light yellow, a very happy contrast and rendering the plant very attractive in the landscape. The blossoms are double and very fine.

VARIATED LEAF.—A fine variety of very vigorous growth. Flowers large, very double and of beautiful red and yellow color.

DOUBLE WHITE.—The surpassing beauty of this grand variety beggars any description. It blossoms the second season after planting every leaf and twig bringing forth large double pure white blossoms in the greatest profusion imaginable. They are produced for several weeks in succession, remain on the plants all winter time after opening and for beauty and chaste-ness are not surpassed by any flower grown.

SINGLE RED.—The single blossoms are as a rule handsomer than the double but quickly fade away. This is a bold, attractive flower of a bright red color, rendering it very conspicuous when first opened.

SINGLE WHITE.—The large, pure white blossoms are very attractive.

CORNUS SANGUINEA. (Red Twig Dogwood.) (See cut.) Independent of its blossoms, which are very striking, the bark of this grand shrub is so handsome and attractive as to merit it a place in every collection. It is a bright showy red, becoming more pronounced as winter approaches and contrasting finely with the snow and the evergreens. It forms a good sized shrub which is covered in early spring with a great profusion of yellow flowers. Being perfectly hardy it is adapted to all sections and being ornamental in winter as well as in summer it is one of those rare combinations of nature's beauties so seldom found. 2 to 3 feet, 50c.

CURISS, CRIMSON F.L.—Well known and desirable on account of its handsome crimson flowers produced in spring, followed by fruit in summer. 18 to 24 inches, 25c.

Calyxanthus. (Sweet Shrub.) (See cut.) This is very desirable on account of the peculiar beauty and very pleasing fragrance of its wood; its foliage and flowers are of a rare chocolate color, with an agreeable strawberry odor. The Calyxanthus blossoms in June and at intervals through the summer. When full grown, 6 to 8 feet high. A most peculiar shrub and flower and one that is sure to please. It is perfectly hardy and should be insulated in all collections. Mail size, 15c, 18 to 24 inches, 25c; 2 to 3 feet, 50c.

Deutzias. This valuable species of plants comes to us from Japan, which insures its beauty and hardiness. The shrubs are hardy, vigorous, adapted to all soils and remarkable for grace, beauty and prodigious bloom. The flowers are produced in winter and early spring, while the low ones are admirably adapted for borders, grouping or planting near the house. The flowers are soft, white and clustered into thick wads along their drooping branches in June.

CANDISSIMA.—A new and handsome variety with very large, double, pure white blossoms, produced in greatest abundance. Mail size, 15c; 18 to 25 inches, 25c; 2 to 3 feet, 50c.

Crenata.—A most beautiful, pure white, single flowered variety that blooms very luxuriously in early June. Mail size, 15c; 18 to 24 inches, 25c.

Double Rose Colored.—Exquisite flowers of double rosette shape, tinged with soft pink. Mail size, 15c; 18 to 24 inches, 25c.

GRACILIS.—(See cut.)—The handsomest of all the Deutzias, and the best in our entire list. It forms a low, round, compact bush, which is literally smothered with blooms in early summer. The flowers are single, pure white, and borne in the greatest luxuriously imaginable. Every branch and twig bearing its precious load of beautiful purity. It is unsurpassed from every purpose and is largely used by florists for forcing for Easter decorations. Mail size 15c; 18 to 24 inches, 25c; 2 to 3 feet, 50c.

PRIDE OF ROCHESTER.—(See cut.)—This soft is a strong grower, has large flowers, large, handsome blooms, production freely, and is perfectly hardy everywhere. The blossoms are double white, deli- cately tinged with pink. Mail size, 15c; 18 to 24 inches, 25c; 2 to 3 feet, 50c.

SCARRA.—Rosy Leafed. Flowers are pure white, single, bell-shaped, produced profusely in small bunches.

Mail size 15c; 18 to 24 inches, 25c.
DEUTZIA, WATER—A perfectly hardy everywhere. A ground variety, with very large, single pink blossoms, borne in large clusters. Mail size, 1½; 18 to 24 inches, 25c.

BERBERRY, PURPLE—The foliage is a deep violet-purple, and can be used with charming effect when grouped with golden-leaved plants on the lawn. It is equally valuable as a single specimen plant, while as an ornamental hedge, it is not equalled by any variety grown. It grows to a height of 3 to 4 feet, produces yellowish-white flowers in June, and is covered in the fall with small berries the color of the foliage. It is perfectly hardy everywhere, never affected by insects or disease and presents a clean handsome appearance at all times. Mail size, 1½; 18 to 24 inches, 25c; 2 to 3 feet, 30c.

BERBERRY, THUNBERGII—A unique and charming Japanese variety, that forms low, dense, neat bushes, which produce a profusion of white blossoms in May. In early autumn it is alight with scarlet leaves and berries, the latter clinging to the branches throughout the winter. Mail size, 1½; 15 to 18 inches, 25c.

CLEYTHIRA ALNIFOLIA—(Sweet Pepper Bush.) A very hardy, neat, upright-growing shrub, not only valued for its beauty and sweetness, but is in demand for the honey-bee to feed upon. Blooms every season, producing pure white fragrant flowers in spikes 3 to 6 inches long. Mail size, 1½; 18 to 24 inches, 2½; 2 to 3 feet, 35c.

EXOCHORDA GRANDIFLORA—(Pearl Bush.) A vigorous growing shrub, forming a neat, compact bush 10 to 12 feet high. The pure white flowers are borne in slender racemes of 8 to 10 florets each. Mail size, 1½; 2 to 3 feet, 50c.

Elder, Golden. (Sambucus Aurea) Introduced from Holland and worthy of a place in every collection. When the flowers first appear they are bright green, but if planted where they will have plenty of sun they soon change to a golden green. The blossoms, which resemble the common Elder bloom, appears in July. The best effect is produced when they are planted with other shrubs, so that the foliage may be rendered more conspicuous by the contrast. Its perfect hardiness adapts it to all sections, and its bright, golden foliage renders it of especial value at all times. Mail size, 1½; 2 to 3 feet, 50c; 3 to 4 feet, 75c.

FILBERT, PURPLE LEAF—A vigorous growing shrub, with large, deep purple leaves, producing good, edible fruit. Mail size, 25c.

FORSYTHIA, SUSPensa—One of the best early flowering shrubs. It bursts into bloom before any other tree or shrub shows a leaf, producing glorious masses of golden yellow, drooping flowers, which are exceedingly cheery and welcome at that season. 18 to 24 inches, 25c; 2 to 3 feet, 50c.

Fringe, White. A large shrub or small tree, with large, heavy leaves almost hidden in spring, by a thick mass of fragrant drooping white flowers. When planted against evergreens it is a charming effect. Mail size, 1½; 18 to 24 inches, 25c; 2 to 3 feet distance from the plant. Mail size, 1½; 15 to 20 inches, 25c; 24 to 30 inches, 30c.

Honeysuckle. Pink Tartarica. This delightful variety is still one of the finest and most popular grown. It grows from 8 to 10 feet in height, forms an upright, compact bush of green in early spring, thickly covered with handsome pink flowers in May, which are followed by bright, orange color berries in the fall. It is absolutely hard, never winter-killing in the least, is never affected by insects, and is a most beautiful shrub, throughout the entire season. Mail size, 1½; 10 to 12 feet, 35c; 12 to 14 feet, 50c.

Honeysuckle. White Tartarica. Identical with the above, except in color, it being a pure white, rendering it, when in bloom, even more attractive than the pink. Mail size, 1½; 10 to 13 feet, 50c.

HYDRANGEA PANICULATA. (See Cure page 103.) This is the grandest shrub ever introduced at a more worthy of general cultivation than any other in existence. It comes from Japan, the land of so many good things, and comes into bloom in August, when all other shrubs are through flowering. It grows from 8 to 10 feet in height and produces the greatest pyramidal masses of blossoms. Mail size, 1½; 12 to 18 inches, 25c; 18 to 24 inches, 40c; 2 to 3 feet, 50c; 3 to 4 feet, 75c.

Honeysuckle. Tankard. A vigorous growing shrub, with a height of 8 to 10 feet, producing masses of yellow flowers in May, which are followed by fine orange color berries in the fall. It is absolutely hard, never winter-killing in the least, is never affected by insects, and is a most beautiful shrub, throughout the entire season. Mail size, 1½; 12 to 14 feet, 35c; 14 to 16 feet, 50c.

Honeysuckle. White. Tankard. Identical with the above, except in color, it being a pure white, rendering it, when in bloom, even more attractive than the pink. Mail size, 1½; 12 to 14 feet, 50c.

Honeysuckle. White. Tankard. Identical with the above, except in color, it being a pure white, rendering it, when in bloom, even more attractive than the pink. Mail size, 1½; 12 to 14 feet, 50c.

Hydrangea PANICULATA.
LILACS.

The old purple and white lilacs, mingled with the memories of our school days, presenting when in bloom a most tempting appearance on the lawn, and filling a room with their delightful odors when cut, are still cherished and beautiful. They will forever hold a place dear to the heart of every one who has grown or seen them. Perfectly hardy, requiring no care or attention after planting and certain of yielding a rich harvest of bloom each season, they are most desirable for lawn planting. In the newer varieties of recent introduction, we still have the same hardy, robust nature and freedom of bloom, and in addition some of the most exquisite shades, colors, larger flowers and more beautiful forms.

BELLE DE NANCY—A most desirable variety, forming nice rounded tops in a short time. Blooms very late producing very large, double light purplish blooms, tinged with blue, lighter towards the centre. Mail size, 15c; 18 to 24 inches, 40c.

GIANT TREE LILAC.

CHAS. X—A strong, rapid grower with large, handsome shining leaves, which are very attractive.

This is a most magnificent and beautiful variety from Northern Japan, the finest sort ever introduced. The blossoms are borne in immense panicles, 12 to 20 inches long, pure white and very fragrant. They come into flower a month later in the season than other varieties and are particularly valuable on this account. It forms a tree 20 to 30 feet high, with large, leathery, dark green leaves. Mail size, 25c; 12 to 18 inches, 40c; 2 to 3 feet, $1.00.

JAPAN SEEDLINGS—These are unnamed seedlings grown from the choicest Japanese varieties. They have not bloomed very extensively with us, but we know here are many choice sorts to be found among them. Some of the best kinds have been obtained in this manner, and out of the lot which we have, we expect to place a number of new sorts on the market in a short time, as soon as their character is fixed and defined. They are distinguished by their sturdy, robust growth, their large, shining leaves and their great hardiness. You will make no mistake by buying a few at the low price at which they are now offered.

JAPAN QUINCE.

PYRUS JAPONICA (Purple Leaf Plum). The finest purple-leaved small tree or shrub of recent introduction. The young branches are a very dark purple, the leaves, when young, a lustrous crimson, changing to a dark purple, which color they retain until they drop in fall. The small white blossoms completely cover the plant in early spring, at which time it is most beautiful. It is fine for specimen plants, on the lawn or for groups, affording a fine contrast with other trees and shrubs.

PruNUS PissARDI. (Purple Leaf Plum.) Always handsome and always reliable. Mail size, 10c; 18 to 24 inches, 25c; 2 to 3 feet, 50c.

HYDRANGEA.

Ad Chatenay—A new and desirable kind from France. Blossoms pure white, very double, produced in large showy panicles. Mail size, 25c; 18 to 24 inches, 40c.

PupRLE LEAF PLUMB (Purple Leaf Plum.)-Superb, creamy white flower plumes, of great size. Bush of dwarf compact growth and attractive foliage. Extra choice and valuable for forcing. Mail size, 25c; 18 to 24 inches, 40c.

MARIE LE GRAY—Another handsome double white sort. Somewhat larger in growth than Marie Le Gray, but characterized by a great profusion of bloom in mammoth panicles. Mail size, 25c; 2 to 3 feet, 75c.

COMMON WHITE—The old but much admired variety. Mail size, 10c; 18 to 24 inches, 25c; 2 to 3 feet, 50c.

COMMON PURPLE—Always handsome and always reliable. Mail size, 10c; 18 to 24 inches, 25c; 2 to 3 feet, 50c.

PLUM DOUBLE FLOWERING—A very desirable, handsome shrub introduced from Japan. Flowers semi-double, an inch or more in diameter, of a delicate pink tint, set thickly on the twigs and produced in early spring. A most handsome ornament to any lawn. 3 to 4 feet, 50c.
SNOWBALLS—Concluded.

HIGH BUSH CRANBERRY—(Opulus) Both ornamental and useful. It produces large red berries resembling cranberries, which are esteemed by many for pies, jellies, etc. These hang on the plant until killed by frost and are at all times beautiful. Mail size, 20c; 18 to 24 inches, 40c.

JAPANESE SINGLE—(Tomentosum) A most beautiful new variety from Japan. Flowers, single, pure white, borne along the branches in flat cymes, in the greatest profusion in early June. Perfectly Hardy, vigorous, free blooming and well adapted for lawn work. Mail size, 25c; 18 to 24 in, 40c.

JAPANESE DOUBLE—(Platam.) This Japanese variety of the old-fashioned Snowball is one of the most desirable of our hardy shrubs. It forms a compact, stout shrub six to eight feet high; blooms in June and for a long time is a solid mass of white flowers, the plants being completely covered from the ground to the top of the branches, with large leaves of deep white as snow. Mail size, 25c; 18 to 18 inches, 50c.

SPIREAS—A most beautiful little shrub, producing a profusion of pink flowers in early summer, and large, white, waxen berries in autumn. Mail size, 15c; 18 to 24 inches, 25c; 2 to 3 feet, 50c.

Spires. All the season. All kinds have a riotous extravagance of bloom that renders them very attractive. They are so varied in flowers, foliage, and habit that monotonous from planting too many kinds is impossible. They are hardy and are easily grown in all situations. A collection of all the different varieties of Spirea is a great acquisition.

ANTHONY WATERER—Makes a dwarf bush 18 to 24 inches high, covered from spring till late in the fall with large heads of crimson flowers. Perfectly Hardy. Great for borders of the garden, and for the front of the house. Blue and white are the most popular colors. Mail size, 15c; 12 to 15 inches, 25c.

ARIAEFOlia—Very dense and bushy. Entirely hardy. Masses of white flowers in July. Mail size, 15c; 18 to 24 inches, 25c; 2 to 3 feet, 50c.

Billard—A dwarf variety having pure white flowers in the greatest profusion. Very desirable on account of its dwarf habit and free flowering. A splendid fine companion to A. Waterer. Mail size, 15c; 12 to 15 inches, 25c.

CRATAEGIFOLIA—A distinct, handsome, hardy variety. Produces pure white blossoms in great profusion. Mail size, 18c; 2 to 3 feet, 40c.

DOUGLASI—Flowers of a beautiful rose color, massed on long spikes in July and August. Mail size, 15c; 18 to 24 inches, 25c; 2 to 3 feet, 40c.

GOLDEN—This is one of the most effective shrubs for a lawn; foliage green, bordered with a rich golden yellow, very distinct and beautiful, particularly in June, when the branches are covered with double white flowers, 4 feet, 50c.

OPULIFOLIA—Very strong in growth and large in leaf. Blossoms in white, flat clusters, of great size, 50c.

Prunifolia. Bridal Wreath. (See Cut.) A most beautiful variety from Japan. Perfectly Hardy, of vigorous growth and very floriferous. Produces in greatest abundance pure white flowers, gracefully shaped, in May. The young growth remains in bloom a long time and justly merits to be placed in the front rank of flowering shrubs. Mail size, 15c; 18 to 24 inches, 25c; 2 to 3 feet, 50c.

THUNBERGI—Of dwarf habit and rounded graceful form; branches slender, and covered profusely in April with very rich and lovely yellow and rich green flowers; small white, appearing early in spring. Forces well in mail size, 15c; 15c to 12 to 18 inches, 20c.

VAN HOUTTI—One of the most charming and beautiful of all the Spireas, having pure white flowers in clusters, producing large heads of brilliant white flowers; a most charming shrub in cultivation. Mail size, 15c; 12 to 15 inches, 25c; 2 to 3 feet, 50c.

SYRIAC—It is strong and vigorous in growth, very compact and shapely, producing flowers from the ground up. Flowers creamy white, very fragrant, making it one of the finest hardy shrubs for massing or individual specimen plants. Mail size, 15c; 18 to 24 inches, 25c; 2 to 3 feet, 40c.
Clematis. There is nothing in the line of climbing plants or vines that surpasses the Clematis in gracefulness of foliage and beauty of blossom. When given proper care and attention they make a very rapid growth and well repay the care and labor bestowed upon them. They require a deep soil richly fertilized. Most varieties are benefited by a slight protection during the first two or three winters. Unless otherwise noted, 1 year 25c, 2 years 50c. (See cut.) Bell shaped flowers of an intense scarlet color. A very free bloomer, the flower being of uniform form. This variety should be in all collections. 1 year 25c, 2 years 25c.

Coccinea. This variety name is incorrectly used. The correct name is Bignonia. 

Jackmanni. Color a deep violet purple. A strong rampant grower, succeeding well in all locations and perfectly hardy everywhere. 1 year 50c, 2 years 100c.

HENRIII. The best large flowering white variety. 

Clematis Jackmanni.

Clematis Jackmanni. There is nothing in the line of climbing plants or vines that surpasses the Clematis in gracefulness of foliage and beauty of blossom. When given proper care and attention they make a very rapid growth and well repay the care and labor bestowed upon them. They require a deep soil richly fertilized. Most varieties are benefited by a slight protection during the first two or three winters. Unless otherwise noted, 1 year 25c, 2 years 50c. (See cut.) Bell shaped flowers of an intense scarlet color. A very free bloomer, the flower being of uniform form. This variety should be in all collections. 1 year 25c, 2 years 25c.

Coccinea. European sweet scented. Small, white, deliciously fragrant flowers, produced in great profusion. Plant perfectly hardy everywhere. 1 year 25c, 2 years 50c.

Clematis Coccinea.

Amelopsis Englemanni. (Englemann's Ivy) All things considered, this is the hardest and best climber for the North and Northwest ever introduced. The foliage resembles the Virginia Creeper but the vines cling closely to brick walls, etc. by means of small disc like feet, or climbers like the Japan Ivy. 1 year, 15c; 2 years, 30c; extra heavy, 2 years, 40c. AMELOPSIS VIETCHI. (Japan or Boston Ivy.) A rapid grower, with small, purplish green leaves, which change in autumn to beautiful tints of crimson and orange. 1 year, 15c; 2 years, 25c. BIGNONIA RADICANS. (Trumpet Flower.) An excellent vine with handsome lance shaped leaves. The flowers are orange and scarlet. 1 year, 15c; 2 years, 25c. BITTER SWEET. (Celastrus) A very hardy native twining vine with yellow flowers, followed by clusters of orange-scarlet berries. 1 year, 15c; 2 years, 20.

Wistarias. These require a deep, rich, well manured soil and respond very readily to generous treatment. They require protection in the extreme north. Flowers are borne in large, pendulous clusters, remaining in bloom a long time. 1 year, 25c; 2 years, 35c. SINGLE PURPLE—Blossoms of a pale blue color. DOUBLE PURPLE—A charming variety, with double flowers, deeper in color than the single. SINGLE WHITE—Flowers clear white; bunches short. DOUBLE WHITE—Double blossoms, in large racemes.

Chinese Blue—Long clusters of pale blue flowers.
MATRIMONY VINE.

(LYCUM CHINENSIS.)

This is a most vigorous, hardy, climbing plant when trained to an arbor fixed to a fence, as well as to a tree. On the side of a house, the pillars of a porch, or in any location where a quick growing hardy climber is desired. It sends out numerous branches so that it covers a great amount of space in a short time, and every new growth is at once covered with blossoms, which are supported by beautiful berries nearly an inch long, every branch being loaded down with them. It continues flowering and new berries are forming from late spring until frost. The berries ripen in early autumn and turn on the vine until the early winter. It will grow and thrive in any situation, either shade or bright sunlight, and will take root in any soil. Valuable as it is for covering fences, etc., it is even more desirable for clambering over stone walls, bare rocks or unsightly bushes, covering them quickly with bright green foliage and later on rendering them objects of beauty with its wealth of purple flowers and scarlet berries. 1 year, 15c.

2 years, 25c; extra strong 3 and 4 years, 25c. by express.

EULALIA VARIEGATED.

HARDY PERENNIALS.

No class of plants will yield better or more pleasing results for the money invested than these Hardy Perennials. They require but very little care or attention, are perfectly hardy and yield a rich harvest of bloom on the lawn. Until this class of plants comes into more general use, we cannot hope to see really artistic gardens in this country.

These plants are sent postpaid at prices quoted. All others are sent by express or freight at purchasers' expense. Dozen rate ten times single rate. Special prices given on application on large quantities.

MATRIMONY

Of Perennials. For hardy plants, producing handsome, bell-shaped blossoms in great profusion. Mail size 15c; extra heavy, 25c.

CARMANULA—Bell Flower. A most important class of hardy plants, producing handsome, bell-shaped blossoms in great profusion. Mail size 15c; extra heavy, 25c.

CARPETALIA—Of dwarf habit, with pure white blooms produced throughout the summer.

Pyramids—Erect, pyramidal shaped stalk, with large handsome blue flowers.

Assorted—Grown from the best seed, containing a grand mixture of white and blue varieties.

CHRYSANTHEMUM MAXIMUM (Marguerite). Five growing perennials, not exceeding 30 inches in height forming compact bushes, which are covered with blooms the entire summer. The blossoms are of large size, pure white, of great substance, lasting a week or more in perfect condition when cut. They are perfectly hardy and bloom profusely throughout the entire season. Mail size 15c. extra heavy, 25c.

C. Golden Coreopsis. A graceful and profuse blooming plant with strikingly beautiful flowers of rich golden color, which remain in bloom all the summer. The long thin stems make it particularly valuable as a border plant throughout the whole length of season that it flowers makes it almost invaluable for bedding. They commence to blossom in June, continue a perfect mass of golden loveliness until cut out by severe frosts in autumn.

For bushy, free flowering, and containing the killed flowers early in the season and continuing the bloom throughout the entire season. Mail size 15c. extra heavy, 25c. for 50c.

YUCCA.

Grows about 8 inches high. Mail Size 15c.

DELPHINIUM—(Larkspur.) These are among the most satisfactory summer flowering perennials, and can be grown in the herbaceous garden, producing long, showy spikes of bloom continuously from June to late in fall. If the precipitation is taken to remove the flower stems before they produce seed. Mail size 15c. Elatum—(Bell Larkspur.) Of medium height, with clear blue flowers in large, branching racemes.

Fomosum—The old favorite, dark blue variety in bloom from June to November. Hybridum—Chosen mixed varieties, grown from the best imported seed. A collection of these planted in clumps is very attractive.

DIELYTRA—(Bleeding Heart.) An old-fashioned favorite of rare grace and beauty. Flowers are heart-shaped, of a two-toned color produced in spring in long, drooping racemes. One of the prettiest of border plants, useful for indoor forcing, and many a conservatory lawn plant. Mail size 15c. extra heavy, 25c.

DIGITALIS—(Foxglove.) A handsome and ornamental plant of great growth, well adapted for planting in shrub-ravens and other half shady situations. Purple blossoms produced in long terminal racemes. Mail size 15c. extra heavy, 25c.

ELYMNUS—A long, narrow, gray-colored ornamental grass that can be grown in lawns. Mail size 15c. Extra heavy, 25c.

HIBISCUS CRIMSON EYE.

GIANT GOLDEN COREOPSIS.
**Eulalias.** These beautiful, hardy grasses take as much room as the highest commendation. For the garden they are invaluable, being very showy, ornamental and of easy cultivation. Mail size, 15c extra heavy.

**GAILLARIA GRANDIFLORA**—(Blanket Flower). They commence to flower in June and continue one mass of bloom the entire season. The blossoms are from 3/4 to 1 1/2 inches in diameter, are produced on long stems and are exceedingly Beautiful. The color of the petals is dark reddish brown, while the petals are variously marked with spots of brilliant scarlet crimson, orange and vermilion. Mail size, 10c extra heavy.

**HIBISCUS**—Crimson Eye. (See Cut page 106). It is a robust grower, with dark red stems and foliage. The flowers are very showy, large, and showy, often measuring 20 inches in circumference. The color is of the purest white, with deep crimson eyes. The bloom of deep violet crimson in each of the flowers. A well developed plant will produce several hundred of these flowers in a season. 25c each by express.

**HOLLYHOCKS**—Few hardy plants combine as many good qualities as these. They require a sunny, well-drained soil and will repay in bloom any care bestowed on them. They bloom in four shades of color, all double blossoms. Pink, red, white and yellow. Tail size, 15c extra heavy.

**HYPERICUM**—A free flowering hardy plant, blooming continuously throughout the season. The flowers are 2 to 2 1/2 inches in diameter, of a rich golden yellow rendered effective by numerous yellow stamens and crimson anthers. Tail size, 15c extra heavy, 25c.

**IRIS GERMANYCA**—(German Iris.) A very desirable, early flowering plant, producing large blooms of most exquisite beauty. They develop in a low, wet ground, but do well in any good garden soil and are hardy. Mail size, 10c each.

**JAPANESE KUDUZ VINE**—The most wonderful climber in the garden. For description see page 26.

**Paeonias.** These old time favorites have lost none of their popularity and with the introduction of improved varieties are rapidly gaining in favor. They are perfectly hardy everywhere, require but little attention after planting and always yield a rich harvest of superb blooms. Some of the newer varieties are as well as the Rose in size. Prices, named varieties, 50c each, 5.00 doz.


Bayliss—Flesh, pink with salmon centre. Duvall—Large, bright red.

Delach—Very late flowering, rich deep crimson.

Duke of Wellington—White, with creamy white centre; very large bloom.

Elijah—Beautiful, pure white; we have ever seen. Each bloom looks like a huge bunch of white cotton.

**Festiva Alba**—Fine large pure white.

**Festiva Maxima**—A good large, early, white. Fine for forcing.

**Francis Ortegal**—A large, deep red variety. Hume—Large, bright rose pink.

**Queen Victoria**—Amethyst, purple, pink. A grand addition to any collection of hardy perennials. Mail size, 10c each.

**Common Sorts.—**White, red, yellow, purple and scarlet. 25c each, 50c 2 doz. 75c 4 doz.

**POPPIY ORIENTAL**—No flowers can surpass these for brilliance. The blossoms are large, full and pink, crimson eye.

**RUBOEVA BICOLOR**—(Cone Flower.) Immense orange colored blossoms, 4 to 6 inches in diameter, with one distinguish that they are the handsomest and most popular of all the flowering plants. Mail size, 25c each.

**Rudbeckia, Golden Glow.** These plants are produced in immense quantities on long stems and resemble a fine double golden yellow variety, but surpass any for vases. It has no equal. It blossoms in late summer when most shrubs and plants are through blooming and presents a most dazzling appearance with its immense wealth of golden flowers. 25c each.

**Yucca.** Adams Needle. (See Cut page 106) A very early variety. Blossoms large, crimson, double and fragrant. Mail size, 25c each.

**HELIOPSIS**—(Orange Sunflower.) Similar in general habit to the Helianthus or Sunflowers, but commences to bloom earlier in the season, and is of exquisite beauty. Blossoms are a beautiful deep golden yellow, about 2 inches in diameter. Mail size, 25c extra heavy, 25c.

**Helicia Altissima.** This is a remarkably fine ornamental grass imported from Germany a few years since and grown by us for three years past. It forms medium sized plants of loose, rounded form, and throws up spikes of handsome fluffy seed heads, which dry up and remain on the stem a long time. Very pretty for decorating and for everlasting bouquets. As a border plant, or for mixed shrubberies or specimen plants on the lawn, nothing can equal this beautiful grass. Mail size, 25c extra heavy, 25c.

**MONARDA DIDAMA**—( Oswego Tea.) A showy plant, growing from 2 to 3 feet high, with aromatic foliage, producing bright, scarlet flowers in spikes during July and August. Mail size, 25c, 50c extra heavy, 25c.

**OEONOTHERA**—Evening Primrose.) A pretty border plant producing single golden yellow flowers from June till August. 15c each.

**PHLOX**—Among the hardy, perennial plants the Phloxes easily hold first place. They succeed in almost any position and flower from early summer till late fall. They improve from year to year and contain a range of color not found in any other hardy plant. The selection which we offer has been chosen with great care and is sure to please. Field clumps, 25c and 50c each, by express. Alcesee—Bright pink, deep red centre.


**Iris Kaempferi.** These are among the most beautiful of our summer flowering plants. They commence blooming the middle of June, and continue in flower for several weeks. Most of the blooms are 10 to 12 inches in diameter and rival the Orchids in their rich markings and colorings. We offer a choice assortment of 8 best named sorts. Mail size, 25c, 50c and $1.00 by express.

**PAEOANIA LORD WELLINGTON.**
Cyphers Non-Moisture Incubators.

FREE ON BOARD CARS ST. PAUL, MINN., AT FACTORY PRICES

THE CELEBRATED, GENUINE, PATENTED, CYPHERS NON-MOISTURE INCUBATOR—
For which we have large, approved, and with reasonable care will take care of the chicks, and, when they are able to shift for themselves. Next to its incubators, the Cyphers Company specializes itself on its Three Apartment, Style A, Outdoor Brooder, which is pronounced by thousands of users to be the best. Stamping devices are invented or other outdoor or indoor use. This brooder is 36 by 60 inches in size and has three apartments; one, under averages 89 to 85 degrees, and a separate raynaud or feathering apartment, which has 70 degrees. This Brooder is roofed with tin, is wind and storm-proof and is heated by a Cyphers Safety Heaters. We have been using them many years with reasonable care.

Style B, Indoor Brooder, standard size, 36 inches square is for indoor use exclusively. It has two apartments, one warmer than the other, the chicks being allowed to go from one to the other at will.

Cyphers Sectional Brooders are built in three sizes, two-section, three-section and four-section. Each section is suitable for 100 chicks, but this number should be reduced to 50 and later to 60 as the chicks rapidly increase in size.

Like Cyphers Incubators, we sell Cyphers Brooders at factory prices. P. O. B. cars at St. Paul, Minn., as follows:

<table>
<thead>
<tr>
<th>Style</th>
<th>Outdoor Brooder</th>
<th>2-section, Sectional Brooders</th>
<th>3-section, Sectional Brooders</th>
<th>4-section, Sectional Brooders</th>
</tr>
</thead>
<tbody>
<tr>
<td>Style A</td>
<td>$12.00</td>
<td>$9.00</td>
<td>$8.00</td>
<td>$7.00</td>
</tr>
<tr>
<td>Style B, Indoor Brooder</td>
<td>$10.00</td>
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<td>$8.00</td>
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</tbody>
</table>

We are thoroughly reliable, having been in business since the fall of 1879, and we secure your business on Incubators and Brooders also desire to have your business on poultry supplies, which follow the successful use of the Incubator and Brooder we are agents for, and will naturally use every endeavor to put you in touch with our manufacturers, and to that end the Cyphers Company, send ten cents to pay cost of mailing, 190-page Main Incubator and Brooder Catalogue, giving full description of the entire line of the Cyphers Company's manufacturers. 32 page illustrated Circular and Price List free.

Cyphers Lice Powder.

In offering Cyphers Lice Powder, we present a powder that we believe to be stronger than any other preparation sold for the purpose. It is carefully compounded and contains no chemicals that will injure the fertility of the eggs or the newly hatched chicks. Can be safely used on the neck of sitting hens for lice on poultry, horses and cattle, ticks on sheep and fleas on dogs. It is an effective remedy and has equal. A trial package will convince you. 5 oz. pkg. 10c postpaid 8c; 10 oz. box 25c, postpaid 40c; 48 oz. box 50c, postpaid $1.00; 100 oz. pkg. by express $1.00.

Cyphers Lice Cure.

This is a real sure liquid lice killer for poultry or stock. Kills lice, mites and other insect parasites on fowls, also lice and ticks on sheep, horses and cattle. The vapor which arises from Cyphers Lice Paste does what the work. This vapor hash about the fowl, percutaneous to the skin and air and deadly to lice and other insect vermin. Easy to use, effective works while fowls are safe. Full directions on every can. 1 qt. can 35c; 2 qt. can 60c; 1 gal can $1.00 by express.

Napcoel.

Unexcelled for disinfecting poultry houses and runs, stables, dog kennels, or any place where a quick and thorough deodorizer is needed. Readily mixed with hot water, and used in any desired form. The work of the Napcoel. This work shows how the air is pervaded by the vapor coming from the surface of the water. Napcoel can only be sent by express at purchasers’ expense. We will ship only fresh solid eggs, of the genuine stock, packed in the most approved manner. $1.50 for 1 dz. $2.75 for 30.

Cyphers Roup Cure.

Positively guaranteed by the manufacturers to cure Roup in all its forms. It is simply put in the water. Its chief and every other Cyphers Incubator sold under registered trade mark, will do satisfactory work in the hands of the purchaser who will give it a fair trial, and it can be returned to us within 90 days in good repair, less reasonable wear, and the purchase price will be refunded.

Cyphers Apartment Brooders.

FREE ON BOARD CARS ST. PAUL, MINN., AT FACTORY PRICES.

To the Public—We, as agents for the Cyphers Incubators and Brooders, are authorized by the manufacturers to stand back of the foregoing claims and guarantee in every particular, and hereby agree to do so under this arrangement. All who purchase at our prices are invited to inspect our stock.

A Few Reasons Why You Should Purchase Cyphers Incubators and Brooders From Us: We save you freight inasmuch as our prices are F.O.B. St. Paul, Minn. Should you have a trial, send the goods of the factory the freight in every instance would add greatly to the cost of the goods. We carry samples in stock at all times. You can call and see samples before placing your order. Do your business face to face with us and not rely upon correspondence with dealers whom you do not know hundreds of miles away.

Cyphers Poultry Remedies.

Standard homeopathic remedies for treatment of all common diseases of poultry. These remedies are put up in vials of 100 tablets, full directions on each vial. Price of single each 40c. postpaid 40c; 10 vials assorted, in cloth covered case, postpaid $3.00. Order by number.

No. 1. For catarrhal colds and rattling in the throat.
No. 2. For coughs, colds, and expectoration.
No. 3. For chicken-poxy.
No. 4. For cholera and all diarrheas.
No. 5. For diphtheric Roup and canker.
No. 6. For indigestion, diarrhea, and liver complaints.
No. 7. For egg-bound.
No. 8. For rheumatism and cramps.
No. 9. For worms and all trouble from soft-shelled eggs and fistula eggs. These remedies are put up in vials of 100 tablets, full directions on each vial. Price of single each 40c. postpaid 40c; 10 vials assorted, in cloth covered case, postpaid $3.00. Order by number.

No. 1. For catarrhal colds and rattling in the throat.
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No. 7. For egg-bound.
No. 8. For rheumatism and cramps.
No. 9. For worms and all trouble from soft-shelled eggs and fistula eggs.
Lawn Rollers.

Just the thing for leveling your lawn or boulevard in the spring, for rolling your garden and for many other purposes which will be suggested if you own this valuable addition. Made entirely of iron, 12 inch dia., 26 inch diameter, 16 inches wide, wt. 225 lbs. $13.00 each; 2 sections, 22 inch diameter, each section 12 inches wide, wt. 205 lbs. $10.00 each.

B. Weed Extractor.

Easily operated, just the thing for pulling dandelion, dock, pilethistle, thistles and all other noxious weeds on the lawn. Light, durable and simple, 50¢ each.

Elgin Lawn Sprinkler.

The best on the market. Does not get out of fix—does not tip over—can be pulled from place to place by the attached hose when in operation. 50¢ each, by express.

Thoroughbred Berkshire Pigs.

We have as pure a type of pigs from pedigree stock as can be found in the Northwest. Our pigs are headed by the celebrated boar "Stumpy Combination" VII 56109, and by the sow "Stumpy Girl" LXIII 56108. Born Sept. 17, 1901. Recorded in volume 20 of the American Berkshire record.

We have never gone to the trouble and expense of registering our young stock; although they are as pure a type as can be found in the Northwest and for all practical purposes just as good as registered stock and are offered at one-fourth the price.

Their flesh is of the highest quality. The prettiest and most profitable kind known.

Crating.—We box these in strong, light, comfortable crates, packed and ready for box and deliver free on board cars. Customers must pay transportation charges. All orders will be filled in rotation as received. Price, Single pigg 2 to 3 months old, $15.00. Pair, hour and sow, not skin, $25.00. Three, 1 hour and 2 sows, not skin, $35.00.
**Utica High Pressure Sprayer.**

*(See cut to left.)*

Made with double cylinders and capable of very high pressure. Will throw a fine stream over the average fruit tree. Weighs but seven pounds. Holds four gallons and is convenient to carry. Adapted to a great variety of work. Throws a straight stream or a fine or coarse spray as wanted. Complete with 30 inches of hose. Patent hose band, Utica special stop cock, nozzle and shoulder strap.

**Prices.**

Galvanized Iron, No. 40, each complete, $5.50.

20-oz. Copper, No. 29, each complete, $7.50.

Extra hose, per foot... 12¢.

Coupling for extra hose, each... 20¢.

**Compressed Air Sprayer**

No. 30. *(See cut above.)*

Holds two gallons, is provided with two nozzles, one for fine spraying and one for tree spraying. Has special stop cock and nozzle making it impossible to clog. Made of heavy galvanized iron, rust proof, light, handy and durable. **Price.** $1.75 each.

**Hammond's Slug-shot.**

A combination of the most potent insecticides and most soluble plant food. Guaranteed to destroy potato bugs and those on tomato and egg plants, currant worms, cabbage lice and worms, fleas, beetles and striped bugs on melons, turnips, beets, onions, etc., canker worms and caterpillars on fruit and ornamental trees. **Price,** 5 lb. packages, 10 to 15 lb. 55¢, 50 lb. $2.50. By barrel in bulk, $1.40 per lb.

**A Few Good Insecticides.**

These are unshelfable, and have to be sent by express. They are put up in tight cans and boxes. Full directions for use on each package.

**POWDERED HELLEBORE.**—1 lb. 10c, 1 lb. 75c.

**WHEAT OIL SOAP.**—1 lb. 10c, 1 lb. 50c, 5 lb. 65¢.

**SPANISH PINK.**—1 lb. 10c, 1 lb. 25c.

**BORDEAUX MIXTURE.**—1 lb. 12c, 5 lb. 70c, 50 lb. $6.00.

**The Cannon Sprayer.**

*(See cut below.)*

The simplest, lightest, strongest and handsomest atomizer sprayer made. Its tubes are adjusted to throw a large body of fine spray and the plunger leather is reinforced with a patent valve sprayer, and does not wrinkle or get out of shape. **Price,** 70c; postpaid by express at purchaser's expense, 80 cents.

See Farm Implements, Page 49.
PLANT JR. FARM AND GARDEN TOOLS.

Space will not permit our showing all of the "Planet Jr. Tools," but we will send a fully illustrated catalogue to intending purchasers.

"Planet Jr." goods are standard machines—the best.

"Planet Jr." No. 1.
Combined Drill, Seeder and Wheel Hoe, Cultivator and Plow.
Price, $9.50.
As a Drill only, $7.50.
This has long been the most popular combined tool made. From a drill it is changed to its other uses by removing two bolts, when hoes, etc., can be quickly attached. It is an excellent seed sower, a first-class double or single wheel hoe, an excellent furrower, an admirable wheeled cultivator, and a rapid planter.

A pair of 5 tooth rakes supplied when especially ordered. 

"Planet Jr." No. 12.
Double Wheel Hoe, Cultivator and Plow.
Price, $7.00.

This perfected wheel hoe is invaluable for use in all small crops. Its variety of work is almost incredible. Changes and adjustments of the tools are made very quickly. It has 11-inch wheels, which can be set at four different distances apart; the frame is made, with ample room for tool adjustment, and can be set three different heights; the handles are adjustable at any height, and, being attached to the arch, are undisturbed in making changes of adjustment in frame, wheels or tools. The arch is of stiff steel, unusually high; the quick change frame permits tools to be changed without removing the nuts. Four pairs of tools, as shown in the cut, go with the complete wheel hoe. All the blades are of tempered and polished steel.

No. 11—Double wheel hoe, cultivator, rake and plow. This machine is the same as No. 12 with 2 extra hoes and 4 rakes, $9.00.
No. 13—Single wheel hoe, with 6-inch hoes only, $7.75.
No. 17—With 1 pair of 6-inch hoes, 3 cultivator teeth, and a large garden plow, $5.50.
No. 18—Single wheel hoe with 6-inch hoes only, $3.50.

Farmers No. 19.
Single Wheel Hoe and Plow.
Price, $3.75.

This new and attractive implement is especially designed for the farmers' garden work, though it offers to everyone with either field or garden a cheap and effective tool for all hand wheel hoe operations.

The wheel is high, and made with stiff steel rim and spokes; the wheel arms are steel. The handles are adjustable, may be changed to fit man or boy. It is strong, well made, and can be quickly set so as to be useful, whether in the hands of man, boy or girl.

The standard with car- ry all seeds made for machine.

All blades are steel hardened in oil and polished.

"Planet Jr." No. 4.
Combined Hill and Drill Seeder, Wheel Hoe, Cultivator, Rake and Plow.

This combined drill has been brought to a point of such wide usefulness and perfection at work that we can hardly recommend it too highly. What the drill will do, it will sow a continuous row, or drop in hills 4, 6, 12 or 24 inches apart. The hill dropping attachment is substantial, positive and exact. It is changed in a moment from hill dropping to ordinary work and back again. Thrown out of gear by raising the handles.

Price

Completely $10.50.
As a Drill only, $8.50.

The opening plow. This is adjustable for all reasonable depths and leaves the seed in a straight, very narrow line, so that the cultivation with the wheel hoe may be done in the closest manner.

"Planet Jr." No. 25.
Combined Hill and Drill Seeder and Double Wheel Hoe. Price, $13.50.

This new combination machine is intended for gardeners who prefer not to buy a separate seeder and wheel hoe also. The seeder is large enough for field use, for it holds 2½ quarts, or about 5 pounds of onion. This seeder will sow in hills 4, 6, 8, 12 or 24 inches apart. It is thoroughly substantial, and is accurate in sowing all kinds of garden seed in either hills or drills. The simplicity and perfect working of this tool, both as a seeder and as a wheel hoe make the combination thoroughly practical. The change from drill to wheel hoe takes but a moment, and the entire combination is one we heartily recommend.

Price

Completely $13.50.
As a Drill only, $10.50.

The hopper of this machine holds 3 quarts; 15 inch patent steel driving wheel with broad face, which makes the drill run easily even when full. The quantity of seed is regulated by an occasional fork, conveniently placed at the top of the handle, and by a carefully graduated droping or drifting. The flow of seed is started or stopped by a movement of the forefinger.
OUR WONDERFUL FRUIT COLLECTION.

2 Rocky Mountain Cherries. (See page 85) 40c
3 Mayfield Prize Raspberries. (" 89) 25c
3 King, Red Raspberries. (" 88) 23c
1 Cambridge, Black Grape. (" 92) 15c
1 White Diamond Grape. (" 93) 20c
12 Clyde Strawberries. (" 86) 25c

Total value, $1.50

ONE COLLECTION FOR $1.00.
Sent postpaid to any address in the United States.

THREE COLLECTIONS FOR $2.50.
Sent by freight or express at customer's expense. Larger stock will be sent by freight or express than by mail.

These will give an abundance of choice fruit in their season, and are admirably adapted for small city gardens or for farmers who want the best that can be procured.

They are all perfectly hardy, easily cultivated and at the price herein offered are within the reach of every one who owns a home or cultivates a garden.

For full description of varieties see pages 85 to 93.
May's Gem Pansies.

Remarkable for the large size, free flowering qualities and the rich and varied markings of their gorgeous, showy blossoms.

Pkt. 25¢ 3 Pkts. 50¢ ¼ oz. $1.00.

Full description page 61.